

K-12 Economics



National Academy's *A framework for K-12 Science education* will help instructors from Kindergarten through year 12 ensure their students are conversant in some of the languages and conventions in Math and Science writing which might be accessible later in high school.

This textbook, *K-12 Economics*, includes missing material and fills what could be a serious pothole on the road to achievement.

The 13 chapters should be used, one for each year in years K-12, for normal students.

An appropriate course of study for gifted students finishes in year eight; the *premium content*, available at the online learning center, offers a range of dynamic study aids for years nine to twelve.

Students who may have extra time commitments might be expected to finish chapter eight upon reaching year 12. A useful summary is provided for each chapter. Students might be also instructed on the use of a yellow highlighter to excerpt phrases of interest.

Sample tests, with questions similar to test bank questions, will help students determine whether they are prepared for exams.

Students may be assured that the material in the set boxes is guaranteed to be sufficient for a GPA of 3.8 on the test bank tests. This should equate with the same level of accomplishment later in high school, which will be a requirement for Ivy League admission.

More than 300 figures rely on well developed pedagogy and consistent use of colours to reinforce understanding.

Our Ref: TJ/EAH/9171260/30015

12 March 2012

PRIVATE & CONFIDENTIAL

Dr John Moody
Mathematics

Dear Dr Moody

You will be aware that the University has been reviewing departmental research profiles on an annual basis and has just completed the latest exercise. These reviews take place for the following reasons.

- To secure the first goal of the University's *Vision 2015* strategy: 'To make Warwick an undisputed world leader in research and scholarship.'
- To support the development and performance of the University's scholars.
- To secure the best possible outcome in the Research Excellence Framework 2014 which maintains the University's reputation for research excellence and as a consequence secures QR recurrent grant funding.

As part of the recent review it was noted that your research output is significantly below the expected standard. I am writing to you to raise my concerns regarding your research performance. Based on your portfolio of outputs published since January 2008, I have concerns that you will not have sufficient material of the required quality to enable you to be submitted to the REF.

I believe that it is important that you are made aware of this assessment at an early stage so that you have the opportunity to work with your Head of Department to address your research performance and so that you may also identify any special circumstances that you believe may have impacted on your ability to produce the expected output since 2008.

To this end I have asked your Head of Department to meet with you to clarify and discuss the apparent gap between your actual and the required research outputs and agree an individual action plan to enable you to achieve the required improvements to your research profile. This meeting will be conducted under the University's 'Management of Performance for Academic (including Research and Teaching) Staff procedures ('the Procedure'), and will include the identification of any relevant support mechanisms available.

I should stress that decisions regarding who will be submitted to the REF 2014 will be made later in the planning cycle in 2013 and once the University has an approved Equality and Diversity Code of Practice in place.

The University of Warwick
Coventry CV4 7AL United Kingdom
Tel: +44 2476 528265
Fax: +44 2476 523819
Email: t.s.jones@warwick.ac.uk

THE UNIVERSITY OF
WARWICK

In reply please contact:
Colin Sparrow
Head of Department
Mathematics
x23450

26th July 2012

PERSONAL

Dr J A Moody
Department of Mathematics

Dear John

I am writing further to our informal meeting on Wednesday 18 July 2012 under Stage 1 (Pre-University Statute) of the Management of Performance for Academic (including Research and Teaching) Staff. At the meeting we were joined by Mrs Liz Harrison, from Human Resources and you were accompanied by Dr Dimitra Hartas.

The purpose of the meeting was to discuss concerns that we have regarding your research performance and research outputs, and your performance in teaching and tutoring.

Here follow the main issues we discussed at our meeting:

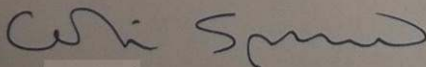
- That you have not published any research outputs for many years, and do not currently have a realistic plan for producing any in the future.
- That, in terms of Undergraduate teaching, the reasonable adjustments made for you to teach a large 1st year course with a fixed curriculum and a third year course on Commutative Algebra had not worked out well for the department. I therefore believe that it is not possible for you to undertake Undergraduate teaching for the Department in the future.
- That I am no longer prepared to allow you to supervise PhD students, at least until there is satisfactory progress with your research.
- That I am no longer prepared for you to continue to act as personal tutor to undergraduates. This results from the recent issue arising from e-mail interaction between you and some of your students. This decision has been taken on advice received from OH.

We agreed to meet again towards the end of w/c 1 October (date to be finalised) at which we will discuss your proposals for an Action Plan outlining your research programme and research outputs. I will be in contact nearer the time to confirm the date. Your performance would then continue to be monitored and if insufficient progress is demonstrated I will need to consider progressing to Stage 2 of the Management of Performance for Academic (including Research and Teaching) Staff.

As discussed since the meeting, I confirm that all your teaching and administrative responsibilities have been suspended, pending the outcome of the meeting in October. In any case you will not be assigned lecturing or tutoring duties for 2012-13. This period of paid leave has been authorised to enable you to consider your situation and to prepare an Action Plan outlining your proposals for your research programme and for producing research outputs which we will discuss in detail at the meeting in October.

If there is any additional support or assistance I can provide during this period, please let me know.

Yours sincerely



Colin [redacted]
Head of Department
cc Liz [redacted] HR

... when you walk around in nature, maybe there is a little natural clearing, and one day you go there and there is milkweed everywhere, with dragonflies, and thousands of things like that, and you see these things doing something, which you don't, can't pay attention to, because there are so many things happening at once.

Then, the next time you think of going there, there are huge burdocks, and green plants with giant caterpillars of five or six types, again, crawling around and doing things in some meaningful way. But that these observations are only an infinitesimal slice of what a person could observe there.

You could have the same biodiversity in a farm, maybe, if you had thousands of cages, if you had trucks coming and going, delivering and collecting organisms.

But, the moment you stopped attending to it it would fail.

And if there is nothing apart from this farm, it will fail no matter what because there is no way to attend to it.

If I define a basin of attraction, measuring or quantifying things the best I can, this will be with respect to a finite number of variables I've chosen -- or the stakeholders have chosen-- to keep track of.

The natural changes, from milkweed to burrs etc, are not just cyclical according to season. They seem more like a part of a conversation between different aspects of nature, which take place in that one little clearing, and depends on what is all around it.

It is like there is a type of meaningful complexity, and I think that a person trusts it if one has ever seen it. It is like an English garden, doing all the reassuring things that it is supposed to do, but that it has always been doing that, and it has always been there.

It is hard to think how to define resilience if it is resilience to all types of degeneration, of something which is in so many ways far from degeneration. And which is constantly undergoing transformations, all the time, by itself.

*

*

*

Just one very small example: the burdocks are brown, they have brown burrs.

And they stick on your clothes.

And you are the only one who goes there, so it is like they are waiting for you sometimes. It is like, where you go, changes everything that is there.

*

*

*

It's funny, I'm just remembering some really little things. Like how huge all those plants were.

And how milkweed, if you break a leaf, it would prouce milk, but everyone knows you get a little sick if you taste it.

So you'd be careful never to break the leaves, in case any gets on you. You'd learn that lesson fast.

Then other times, like when the burrs are there, there is lots of stuff to eat, and you feel welcome, and walk around getting those silly things, again, which were huge, all over you but not minding at all. Only later, walking home, you'd have time to start pulling them off.

There are experiences everyone knows like seeing the yellow and black stripes of a bee, and knowing you might get stung.

It isn't surprising that there should be just lots and lots of similar things. Things that feel like when you get home and someone has made you a meal, or someone is angry and there is a reason not to sit down.

That is, ways that your intentionality is interacting with everything around, having to do with nowadays looking and seeing that it's 3:00 time to go to a lecture or something. That your decisions and plans are somehow supported, that you don't need to take full responsibility for them, somehow.

First email
=====

Hi Tim,

The reason I'm writing, in the gentlest way possible, is that I've chosen you to be the recipient of my 'public interest disclosure,'

That means, I can say things to you w/o getting into trouble for it. I note that employment law is that you have to do what you are told by your line manager; very truthfully I think that he's prosecuting me via your letter a bit bec he's bemused by it, but also that I have a responsibility not to let this go any further.

In a case at Salford Uni, a guy made a complaint publicly and as the employment tribunal shows, it was a legitimate termination because he made his complaint publicly, and not to a trusted person via a 'public interest disclosure.'

I'm choosing you as a trusted person, not to make a joke or be clever, but actually I think you're trying to do your best to improve quality at Warwick.

But one of the little things you're misunderstanding is that uni's are supposed to be coming up with a definition of something like quality (or maybe something better), and if I'm just truthful, my chairman's attempt to deal with your letter is actually messing me up.

It is generous, very generous to me, because me being on enforced leave will give me time to think about things I want to think about anyway, and to interact with students without the burden of any legal responsibility for them. And also I know that in return I'm supposed to attack back at what he correctly sees as something being done incorrectly, something that needs a whistleblower.

Truthfully, Tim, I am not going to be clever enough to do that, and so any hope of sort-of setting a precedent or agenda for universities here is going to fail just because of my actual weakness.

Probably you'll get all the records, contrived to protect me so I can't get fired. And also I'm sure there is depth and compassion in all that is taking place beyond what I understand too. And maybe something in the HR structure or in your letter plays a role that is meant to be helpful to me, which I'll understand later.

But I'm officially notifying you that your letter says that you're going to measure staff performance according to various systems you're putting in place. But you did it wrong and I'm letting you know.

I'll be on holiday for 2 weeks starting tomorrow but probably will have email.

John

Second email
=====

[Disclaimer added 1 September 2012. The disparaging comments below about Tim's research are a tit-for-tat reply to his generic letter to me with generic disparaging comments about the recipient's research and are not intended to reflect the actual strength of his work. This is clarified in the subsequent errata]

to Tim,

Hi Tim,

I'm going to try to hack thru some of the details of my public interest disclosure before going on holiday later today; and I want to do this in a non-technical or non-high flying way, i.e. in an ordinary way.

To clear the air a bit, I'm not immune to vanity &c and wanting people to value me, and your letter when I first saw it a few weeks ago did insult me in a silly personal way. I want to get it out of the way that I actually do have problems with kids and maybe one of the only sort-of good stuff they said on me on a blog is that half of them don't understand anything I say or write while the other half thinks that I'm a genius.

And I do have problems with thinking that your own research is pretty bogus, for instance your stuff on c60 got funded because the smallest noncyclic simple group is interesting to people who've gone to the first day of a group/crystals class in Math, while the photovoltaic effect maybe is socially interesting since some of us like going online and maybe without being under the 'energy' companies in the future. But then the juxtaposition is 'just good enough' to be interesting, but you wasted the money by just doing random stuff instead of getting into any of the ways the three branches (photovoltaic effect, energy use, crystal symmetry) are actually related to each other. By essentially trying to maximize the 'performance' of c60 as an energy source via the photovoltaic effect by a sort of monte-carlo method. And I think it's probably good that you did waste it or that someone did. Because here is the type of stuff I get from students all the time

<http://www.youtube.com/watch?v=3ZUQ7yZTFco>

They don't like thinking that there are 'resources' and that universities have a duty to the gov't to give people 'access' to the 'resources.'

Anyway, that over and done, this is the explicit content of my public interest disclosure.

I am an employee at Warwick University, and also a member of Warwick University. My line manager, Sparrow, views the uni as primarily a public institution. Over time I've gradually allowed myself to become sympathetic to this view too, probably because he kept it secret a bit and there was a process of discovery on my part, or maybe collaboratively.

Now, he has raised the prospect of dismissal a few times recently, and it has led me to think about the role of a salaried employee at a public institution.

[Disclaimer added 1 september 2012: the subsequent paragraph is not intended to suggest that a childless woman should be devoid of private happiness; obsessive cultural focus here on the nuclear family and on the public university with nothing in-between is the tragedy which, as I explain, is in fact not mitigated for an intellectual woman by having a baby nor for a business woman in England. A man can never have a baby but this is not considered tragic mainly because of social connections within the nuclear family here in England and more widely in other countries]

Here is an example: A woman aged 35 is appointed to a lectureship (associate professorship). Here is what will happen if she does not pass probation. Perhaps while here she begins establishing a relationship with a tentative partner. At age 38 or 39 her employment ends, and yet she is not yet committed enough with her partner to share his income, and so she goes independently to a different university, perhaps marrying at age 45 or so, and being childless. Then a genuinely devoted advocate for the public university, especially without the distraction of a young toddler in her life.

In fact, if she becomes dedicated to the university as a public institution at age 35 this is certainly what will happen, so the choice is a simple and clear one which must be made early.

Removal from employment is difficult to think about doing, yet if universities did not do that, what would happen is that at age 35, this young woman would already be decorating the playpen and nursery sure in the knowledge that whatever she may do, she has a salary. And she genuinely might waste herself as far as her public role is concerned, by becoming lost in her private joy, and never once think deeply about what her department or university is actually doing.

I won't try to resolve the numerous paradoxes in this, only to mention that my own situation as an employee nearing 60 and set in my ways is somewhat different from this, and after the brief response in paragraph 3 about how bogus your own research *actually* *is* I am done thinking about it.

But the picture is not done because I still feel a very deep responsibility towards the ideals of my chairman Sparrow. Indeed, without these my mathematics research would collapse upon itself in emptiness.

Yet he legitimately needs me to act as a whistleblower, and I have prudently, to protect a few grand of pounds, declined yet to attack your action publicly. And yet I do owe you an explanation for what is the content of my public interest disclosure.

It is related actually to the situation above about the hypothetical woman, I suppose. It is that you have written to me and presumably others a letter interpreting my employment responsibility as having been determined by a particular government initiative.

This initiative takes all academic 'performances' and assigns to each an element of the real number line, with two 'performances' deemed equivalent if the real number assigned to one is equal to the real number assigned to the other. An inequality is evaluated, and based on this the employee receives a letter from you stating that the role as employee of the university is unfulfilled.

In my case this refers to the income stream coming from REF.

Certainly universities are funded by tax money which is also collected and administered by the government, and also funded by additional initiatives.

Your letter explains that my employment and therefore presumably

employment of others is linked to income coming from particular initiatives and pieces of legislation, and conditional upon securing that income.

My worry actually is that this creates security for those who comply and insecurity for those who do not.

The security for those who comply would create people who make little family nests, expensive homes, and little empires rather than attending to the public duty of the university.

And the insecurity for those who do not may in a few cases mean that the person leaves the community.

And finally the insecurity on behalf of the students would mean that students would need time to understand whom to trust, having been given all the official signals that this person is not to be trusted (because he is not a professor, he is not your tutor, he is not your lecturer or whatever other nomination is withheld).

I think that my line manager (Sparrow) understands that it was some sort of malpractice to have put in place an automatic system for removing, defaming, punishing staff who fail to comply with particular government initiatives. I do understand that particular measures of peer approval may seem to have value in your eyes, but here is where the main point arises, that the university, its sense of direction, morality, ethics, etc shouldn't have been determined by an automatic system formulated from the apple of your eye only.

Errata:

=====

1. My comment that the 60 element noncyclic simple group is the smallest one, should not be interpreted as masked advice such as for a student. The road of needing to consider the next and the next is a standard funding lie for Maths.

[Disclaimer added 1 September 2012 regarding the next paragraph: the subsequent paragraph applies equally to the continuous groups studied by Weyl with the word 'noncyclic' removed, and with other changes to the study of the class the models of any mathematical theory, and is not intended to be a condemnation of the subject of finite groups in particular]

Although the concept of an endless sequence of 'noncyclic simple groups' sounds chemistry-like and is fundable in truth none but the smallest has any nontrivial three dimensional representation.

The concept involves symmetries of symmetry groups, and Weyl after writing 'Theory of Groups and Quantum Mechanics' had ended his expository book about symmetry 'this is where the serpent bites its tail, and a good place to end the book.'

My group theory book says, the only reason it is possible for a few axioms to imply many meaningful things is because the brain is a biological organ, and only needs hints or clues to understand how to live in one or another niche in the natural world; and it is important to confront that understanding groups, science divorced from nature, cannot carry any meaningful information. The same book as an example predicts the recent results improving the taste of tomatoes using genetic engineering without any possibility of repairing the damage caused by earlier efforts using irradiation and selection.

2. My objection to your own research is obviously not then any failure to consider any but the smallest noncyclic simple group, though I think that the irrelevant concept of simplicity -- which has no clear meaning when restricted to three dimensions -- causes the incorrect fundability of carbon₆₀ research. Rather my objection is that in your admin role you interpret the requirement of 'high performance' in academic thought which is in our university regulations in the same way you interpret selecting inanimate materials in your funded research. The specific thing that a researcher thinks is replaced by a real number, and the researcher discarded or retained accordingly.

In one of my earliest articles I explicitly complained that no one has questioned the way governments formulate policy, assuming that a sequence of 'best choices' accumulates to a 'best choice' overall.

In the same article I stated and attempted to prove that universities cannot have a consistent sense of direction, that integrability fails.

3. I should not have said that the university's 'ethics, sense of direction, morality shouldn't be determined by the apple of your eye only.'

The notion of a university having a 'sense of direction' is defective [see point 2 above].

Any mathematician who steps beyond ordinary differential equations notices that attempts to understand things in terms of differential equations describe not solution leaves as a foliation, but things which cannot be continued without destroying themselves in contradictions, as leaves of a distribution.

In my early paper I quoted the biologist who disagreed with me, saying, inexplicably, that the dominant male is the one with larger eyebrows,

but he does not think that a girl chooses her boyfriend to be the one with large eyebrows. As it happens he had huge eyebrows and was arguing fiercely with me on a staircase, though I did not mention this.

However, I later understood his meaning, and also the meaning of the philosopher Hodges who disagreed with me on the different concept of choice. And also as Grothendieck said later, that human thought is something like a dream.

Many students, I needed to rescue from suicide, and one thinks of James Holmes who had wanted to study neuroscience, and had asked, where does suddenly a thought come from, in the mind? My own student says that the world should give him a choice to be evil.

Someone told me about the kids' movie Pandorum, which is like my website calculation, where interchanging the linear forms of space and time according to Lorentz' observations leads to calculating which extra solar planets a student could go to. (The Lorentz calculation wasn't meant to be kept, Sparrow observed one of my lectures and he had asked about it, if I had made the lecture just because he was there. The example was meant to illustrate something about centralizers in a division algebra only.) But in that movie they get further by freezing themselves. It was written as a stream of consciousness, and it is about a kind of terror which one can almost not think about, where the captain for no reason ejects the sleeping and frozen passengers in an act of violence. And during the film a charismatic character begins desperately asking to escape, to be ejected. He is restrained for his own good. At the end of the film one learns that the ship had not been travelling through space, it was in the sea.

In plain words, I think it comes down to this: initially I was worried that a 'sense of direction' for universities *can't* make sense. But a philosopher and biologist explained over time that it *shouldn't* make sense. And students are going to desperate measures sometimes to try to explain how they feel about being at a university where they arrive strapped-in for a journey that they do not want to go on.

4. The specific charge in my public interest disclosure shouldn't be just unspecific malpractice. Very roughly

- (a) As I mentioned, the university regulations requiring 'high performance' are being enforced with the threat of dismissal, but 'high performance' thought is a concept that both cannot and should not make sense.
 - (b) University regulations state that nothing may be on the uni website except what is consistent with university contractual obligations. My attempt to publish my thinking on the website led to disciplinary action by the uni and it led to part of my website being disconnected.
 - (c) I was told by the uni 'We must hide our insights from the students' and was incorrectly deemed unsuitable to teach 'Foundations of Mathematics' because of failing to cover up material.
 - (d) The uni intervened when I wrote to students on Father's day. I had written 'if I were your real dad you would forgive any cruelty in my writing' and went on to say I wish it were possible to drive a university spin-off corporation into bankruptcy. The university intervened by writing to 30 students 'He is not your tutor'
5. Point (d) should acknowledge a student who taught me of the Mary Shelley book 'Frankenstein' about a disembodied intelligence whose only friend is a young child. The student says, learning that the child is frightened, the disembodied intelligence makes compassionate plans to kill the family of its creator.

6. I want to clarify the statement in (a) that 'high performance thought' both cannot and should not make sense. In mtheory.pdf I mistakenly thought that universities should be modelled as responding to different pressures. But a university is not a clan embedded in an intersection of varying niches on a terrain upon which is distributed a gently varying and gradually varying distribution of interacting and related cultures and genotypes. A university, I thought, can only be a mirage of what had been, throughout all the times of deepest human wisdom, the source of that true wisdom; and that it should be possible to measure and without question rigorously prove that this is so. This in the same way it is actually possible to isolate one cubic inch of space and experiment on the brain of a moth, and thereby realize that the assumption which leads to a spiral path to its death is a false assumption. More correctly, the contradiction between the Cauchy-Riemann equations and the equations of an exact differential is a contradiction one can measure locally on the intersection of a plane with that one inch cube. Even without making any assumption about the Cauchy-Riemann equations one would see that the actual intended direction of the moth is not the differential of any function whatsoever. In plain English, one could prove that in this setting which departs from any natural niche, there can be no consistent notion of 'performance' of the moth according to the direction which it intends.

The objection of the biologist was to teach me that even in nature there is no such consistent measure.

The objection of the philosopher referred to 'we,' and it is perhaps that my writing something this moment, and him reading it, is different than a moth where the only cognitive choice leads to death. A human can (but does not) switch off a light for a moth, and a moth cannot switch off a light for a moth. The issue of disagreement (where the philosopher was more optimistic than I was) is whether a human can switch off the light for a human.

7. I have not here mentioned pretence. Universities are places where young people, whose lives are full of pretend play, are meshed into adulthood and therefore into the reality of their society.

Adult life too can involve pretense. There are legal cases, most of them closely related to University thought (the firing of the president of PSU and imprisonment of an innocent staff member, the Salford termination case) where legal minds working pro bono understand the playfulness and paradoxical nature of applying law to human thought. Those young people most noticeable who fail to pretend are like Jared Loughner, who wrote of his university, 'There's the guy who gave me a B for freedom of speech.' Or like James Holmes, who gave up neuroscience trying to bring 'the joker' from fiction to reality. Or Kaczynsky, who thought he was the military arm of the 'freedom club.' All three believed that becoming a terrorist would be the only way to make sense.

There is no reason pretence needs to be confined to subjects like English or Law. One has a sense that properly understood, electromagnetic theory would interweave with human intentionality on the large scale in the same way it is considered to do so microscopically. The notion that an electron can be converted to a positron by negating its imaginary part is well accepted, and the word 'imaginary' is used only because the things that happen do not fit into a 'real model.' Yet, this only means a model where one works as modern social sciences work, in the manner in which the SPSS program which they all agree to use works. Social sciences have partly ossified into thinking that 'statistics' means agreeing to understand a particular model. In 'definition of mathematics' I mentioned that when someone takes action based on a model the lie consists in enforcing that the error which we cannot perceive is agreed by the same consensus as the error had been which we can perceive.

8. I should perhaps make some specific recommendations.

(a) A few years ago the gov't decreed that PhD's should be finished within 3 years. Previously there was a culture where powerful thinkers stayed at universities, supported by the dole (welfare) while preparing their work in a way in which it would be understood. The UK PhD had been then held in high esteem. For some reason the policy went further than unfunding long-term students, the university actually lost funding to take new students if it was home to any long-term PhD students, regardless of whether they were self-funding or on the dole. Perhaps universities should have 'taken the hit' and kept their long term students even though essentially they would have to give back the funding for their new students, funding them somehow such as by the tax component of university income or possibly requestin them to start while on the dole.

(b) There are 'charges' associated with merely existing. One of the main ones is lack of access to any community of small shops etcetera means many staff and some students are forced to keep a car.

(c) While it is good that the uni footprint has not extended across any more wild land, the presence of the uni gave the city council tacit permission to put huge developments of houses round about. Originally there was a natural stream, and a temporary footbridge across the stream. Academics from around the world came here, people gave up posts at Oxford and Cambridge, and it was a campus in nature and of nature in the 1960's. Mathematicians came from all around the world. One very famous mathematician, the last time she was here she said (of someplace nearby perhaps), "I don't see why they needed to turn it into a golf course." Now Maths is part of a quadrangle surrounding a cesspool full of automatic machinery. There were already such huge defunct factories along the canal, with now even more nature round about than we have, and which could have been bought more cheaply. There the waterways board also buys fish and throws them in, and they are caught by fishermen along the banks of the canal, who throw the fish back in when they are caught, and there is a cycle by which the fish are fed by bait up until completely rotted by the toxicity. They are also replaced by new ones, as are our students.

Minutes of 30 August meeting
=====

This is NOT an official document, it is only fyi

(I forgot to take any notes, but this is a rough recollection)

[Disclaimer added 2 September 2012 -- this transcript is explained only in the epilogue]

Rep: I imagine you'd like to have this conversation sooner rather than later.

Rep:Liz hasn't told me anything except that you want to look at some options. These are the retirement options. Any time you like you can say 'I'm fed up.' We can get you an 'illustration' from USS

John(starts to speak):

Rep: Let me first go through the ordinary option. Anytime you like you can say 'I'm fed up, I want to go and do something else.' You can say, 'I want to go work somewhere else.' Then we can get an illustration from USS.

John: It would be the proportion of 40 years I've contributed including avc's applied to half my current salary?

Rep: It would be less than that, there would be an actuarial reduction

John: ...whereas full incapacity would be half my final salary.

Rep: The only times I've known anyone to get full incapacity is when they have terminal cancer. Then the pension payments can't be made because the person is not alive.

John: Because you can't make payments from beyond the grave.

Dimitra: John has asperger's syndrome.

Rep: That type of thing is difficult, and emotional problems are difficult, I know. My dad had Alzheimer's disease, at first you wouldn't know it, (to John) he looked as good as you do. Soon it started to affect him worse. He was already retired by then.

John: Going back to emotional issues you mentioned, are they ever caused by emotional problems between employee and manager?

Rep: I'm not sure....

John: Maybe it's an example of my disability I need a specific answer to my question.

Rep(truthfully): I really haven't seen that.

Dimitra: Sparrow says John isn't capable of fulfilling his role.

John: Just to clarify, when I mentioned the issue of emotional

conflicts, that this is not what is taking place. Sparrow is on our side, like you are.

John: My disability is congenital. OH says that my abilities are good and haven't changed though. My role did change. I don't have any political abilities. It would be like if someone in a wheelchair has worked cleaning a basketball court and the role changes they are required to play basketball.

Rep: (indicates that would not be a successful strategy to argue).

Dimitra: OH didn't confirm that, they actually only confirmed that John's abilities haven't degenerated during last three years...

Rep: Do you have a pschiatrists report you can use? Has he been seeing a specialist?

Dimitra: We have one from five years ago.

Rep: That would be too long ago to be any good to you.

Rep: One of the things that would work against your application is if they see that you've been coming into work every day. How can you say, I've been doing my job for 23 years and coming into work every day, and suddenly something changed and I'm incapacitated?

Rep: If I broke my hand and couldn't type, why go to work? Especially if you can go to the GP and get him to say you aren't fit for work. For whatever reason.

John: It's difficult because I'm going to be on leave.

John: Sparrow is a good person. I think he's trying to help. I could get a GP note saying I'm not able to do any work.

Rep: That's probably what he's expecting you to do.

Rep: The USS is going to appoint a panel, they're only look at what is written. If non academic staff went to me and said I've been doing the same job every day for 23 years and now I want incapacity, I'd deny it.

Dimitra: He has degenerated.

Rep: I helped a couple, her husband had a sudden degeneration with mental health problems. It affected them both.

John: Do I know who you are referring to?

Rep: No, I don't think you do know who this is.

Rep: She was not a USS member.

John: OK.

John: I'm under disciplinary action.

Rep: Once disciplinary is started it always leads to termination.

John: What proportion exactly?

Rep: I haven't seen any cases here, I'm referring to my previous employer. I know what it's like when someone starts down the disciplinary route.

Rep: You can go to your gp, have him write a letter about all the

problems, and tell him the letter is shared.

Rep: And You can go to a community psychiatric nurse, and explain how difficult it is caring for John.

Dimitra: Should I make an appointment with a Psychiatrist?

Rep: There might not be time for that.

Rep: I know you are a couple. I know it is emotional, him around the house alone all day.

Dimitra: He has his identity as a mathematician. Can negotiate a percentage of time he'd still be in employment?

Rep: You don't want him being alone around the house...

Dimitra: Why did you say it's good to have this conversation sooner rather than later? It all started with the department....

John: Actually the letter came from outside the department, it was about the ref.

Rep: Yes, universities are trying to get aligned with the ref and that might be a good opportunity for you. Partial incapacity only makes a small difference, and might not work. You mentioned Sparrow.

John: Sparrow's letter did mention negotiation.

Rep: Go back to him. And you don't necessarily have to take the first offer they give you.

Rep: You can write back and say, we have a mortgage, we have this or that expense, it's going to be really difficult.

John: If I go partway down the disciplinary route, does that make it better or worse?

Rep: What you can do is, if they offer you x and you ask for $x+1$ and they say no you can always take x Sparrow is senior staff member, would be able to do that

John: I'm a senior staff member.

Rep: But he's the one with managerial responsibility for the staff.

Dimitra: John can't drive, even biking...

John: I can't hear out of left ear.

Dimitra: sometimes he opens car door when a car is coming.

John: And sometimes get dizziness from it.

Dimitra: I'm going to ask OH to rewrite the reports. John can't get organized to even take his medication.

Rep: My father would try to make a cup of tea, the kettle was right there, but he would put the teacup on the hob.

Dimitra: John is exactly like that. He is disorganized.

John (sympathetically): there is a lot of truth to that.

Rep: What would it be like if he had to cope on his own?

Dimitra: I can only be away for one day at a time. I'd hate to think what would happen if I were away for many days.

John: It would be a disaster.

Rep: Teaching requires organization. You can always say he's too disorganized to teach. The effects of managing him and looking after him will affect your own productivity, and it will affect your ability to care for him in the future.

Rep: I don't often break the rules but it's good to know if you need someone to do xyz I'm here.

Rep: I'm going to get the illustrations, they're based on 30 Sept of this year, I know it isn't likely that you'll have made your decision by then so that is a minimum amount.

Rep(to Dimitra): According to the rules I have to send it to HIM, but I'll let you know.

Rep(wink-like signal to Dimitra)

John (to Dimitra, after leaving. speaking truthfully): She's a really nice person.

Yet more fyi
 =====

My incorrectly sending the minutes requires yet more 'fyi' which while not related to my public interest disclosure, clarify the relation between the 30 August meeting and the earlier disclosure.

Thus the below are small further technical details which I class as fyi (for your information only) to be used or not as one wishes during consideration of the disclosure.

fyi a) (incorrect pocedure in conducting 30 August HR meeting)

[Disclaimer added 1 September 2012 -- note that the sections below are reinterpreted in the epilogue]

We did not divulge to Rep that I had filed a public interest disclosure, nor that my impending termination may possibly be 'pretend.'

This was not out of an attempt to entrap or deceive any person, in my case it was out of modesty and because of wishing to follow advice of Dimitra and of my line manager. I also understand that the person named Rep acted as a good person in good faith under the assumption that I was facing an impossible situation and pilfering USS funds might help me. This is not the subject of my disclosure.

The transcript happens to illustrate the mechanism by which staff not meeting ref are invited to decline full time employment; it was not either my intention that the meeting would illustrate this. It was not my intention to play 'Sherlock Holmes,' and I am no longer allowing Dimitra to advise me. The choice that Dimitra should advise my intrests was made by my line manager however in view of the conflict of interest he will likely understand my reasons for no longer following this advice.

The transcript may show my own role as an unwitting investigative journalist rather than myself acting in good faith; it may support some interest of the university in opposing my disclosure and I give permission for the transcript to be used or not depending on its perceived relevance.

fyi b) (disclosure not to be understood as defamatory to Tim)

The structure of my pid starting from an insecure email stating that I am expected to 'attack back' in some way which I did not understand, then making an immature tit-for-tat reply to the letter which I rec'd from Tim, and finally adjusting this with considered errata, could result that if the content of my disclosure were read without the errata, it would appear to be, and might in fact be, badly unfairly defamatory to Tim's role at the university.

The errata make clear that what is really observed is a comparison between the trustworthiness and competence of funded versus unfunded research/administration. I am guessing, with good confidence, that Tim would not be alone in admitting that the declared goal of research in funding applications and indeed in published papers falls far short of what is actually understood. One could interpret in my dismissive remark 'I'm glad that you wasted the money or that someone did,' that the 'someone' is myself, for example.

In that connection, however, I also want to clarify that the university's invitation to take retirement is tempting in a deep way, because I would give anything to establish independence and purity of my own motives, and to be able to prove that my application is not a demand for any further funding for my own subject of Maths, or for myself. It is also tempting to forestall any further meetings on the question of my own termination or otherwise until the future of the disclosure is settled, out of wishing not to repeat the malpractise of myself which occurred when I unintentionally acted as a 'Sherlock Holmes' in the 30 August meeting.

fyi c) (premise not to be restricted to disability issues)

Out of fear, in my meeting with Rep, I divulged that I have a minor disability and Dimitra divulged that I had been under the care of a Psychiatrist. I wish to clarify that my public interest disclosure is not restricted to any premise resting on my disability. Indeed, my disability is characterised as a person having 'canalized' thinking, which means thinking which follows along canal-like routes without any overview.

It is obvious that the state of university knowledge is so canalized along the subject disciplines, because of the restrictions of peer review, that any notion that my thought is canalized is insignificant by comparison.

Further, the psychiatrist who is referred to initially deemed that I should need to take antipsychotic medication. He later wrote to explain that it is a common error which Psychiatrists make to prescribe antipsychotic medication for people whose thinking is completely clear and rational, if that thinking appears to be unfamiliar to them, and he also discharged me from the practise without further prescriptions or any follow up appointment being scheduled.

The notion that person's thinking can be deemed from the outset to be defective would be a way to discredit my disclosure by relegating it to an application about termination of people with a disability. In fact my disclosure is not related either to my disability nor to any of the particulars of how or whether staff are removed.

fyi d) (disclosure does adhere to letter of the law)

I note that a public interest disclosure (by the legislation) must be based on one of a number of themes such as criminal behaviour. In this case if the university is going to require the disclosure to follow the letter of the law it would be the future of the environment. It would be that following government funding initiatives based on peer review has led Warwick University to a provably shallow interpretation of the meaning of knowledge, to the obvious future detriment of the environment.

fyi c) (I am no danger to others)

I should clarify unambiguously, my quoting one of my students' summaries of the horror book written by the teenage Mary Shelley was not meant to be frightening or induce horror in adults, and it should be clear that the only sense that can be made of it is that corporate spin-offs are 'disembodied' from the source of wisdom of universities and act to drive nature to extinction. I recently had a concern that someone might interpret it otherwise, that my being fired would make

me 'disembodied' and like a monster to seek revenge. One can clearly see that this interpretation would be nonsense and in fact the university actions literally are killing nature, while I am not and have never been deemed a danger to others.

Likewise my comments that Loughner, Kaczynski, Holmes did not understand pretence was obviously not to threaten my line manager to enforce my conjecture that his letter constituted pretence. Rather, as I said in an earlier letter to HR, one can and I do interpret 'performance' of a 'role' in the sense it was understood in Shakespeare's time, in which pretence is inherent and unremovable. This is yet another objection to replacing a performance by an (oriented) real number. It would be impossible for the letter not to be pretend.

Moreover, any change in my financial status would not be subject of attention to me in any way. I have regretted the rise in staff salaries including my own, I think it has been unfair and damaging and relief upon me by discontinuation of my salary would be a welcome escape from 'family' responsibilities to Dimitra and others which I truly never asked for, never wished to have, and do not now wish to have, and would roughly balance the uneasiness I would experience on their behalf forcing them to adopt my principles and my beliefs

Epilogue

=====

I now realize that Rep, saying that I resemble her father before he died; saying that he, like me, although the kettle is there, would put the cup upon the hob...

Saying universities are getting organized for the ref, she did not say Warwick university.

The employer where disciplinary action inevitably leads to termination was Hewlett Packard (I omitted this from the minutes). This, like the other revelations, only surfaced when I asked specific questions: 'what proportion exactly.' But she was hinting me and Dimitra to ask these questions. 'Sparrow is a senior staff member' lead me to say 'so am I.'

She said Liz had not talked to her, though I know there had been a deep and intuitive connection.

The concept that Dimitra and Sparrow were coercing me to play Sherlock Holmes to deceive her was nerdy, it was us being deceived.* The illustration of how a university might coerce an academic staff member to pilfer funds from the pension scheme and pass them on to the university by the sum of decreased hours plus increased ref percentage of full-time staff, was just that, an illustration. A competent illustration, but an illustration.

It is an illustration of something I wrote about to HR, economists encourage, and corrupt governments enforce, the false interchangeability of commodities which have equal value. It is not only that any two academic performances which are assigned to the same real number are deemed to be equivalent. An academic performance could be deemed equivalent to chemotherapy treatment for an individual who would otherwise lose his life, except for USS resistance on that one isolated point. But not because of opportunism on my part, because it would have been enforced by the notion that disciplinary action always leads to termination, and that in turn enforced by the government initiative, and that in turn enforced by obvious corporate corruption.

Understanding Rep was an ultimate source of wisdom in this. She meant to say, our intuitive impression of a sieve where financial value cannot be contained in a meaning of goodness, where it seems to her to have leaked out and ruined lives and hopes, or left people whose only hope would be escaping exhaustion or experiencing vicarious pleasure in a stranger who controls them -- this should have been substantiated in a deeper way than by irony or by a Faust notion of evil or greed or short term thinking, or a marxist notion, or a futile notion of regulation.

My own point is abstract, that provably non-integrability in similar small phenomena in nature only proves that once one speaks of happiness one is telling a lie, in such a circumstance, due to inherent inconsistencies in any mathematical notion of utility.

Describing exclusion from my employment based on disability as something which could be presented to the pension scheme as a hopeless disability, while me to the employer clinging to the reduced employment which is convenient for presenting the false impression of intact research, was presented as an illustration of dealing with regulation as it is.

It was the talk we've heard in neighbourhoods near Columbia university, and then it had been governments which provided welfare, and it always seemed to me a type of heaven that one will never really starve, and the system however imperfect is there, and there are people who explain how to do the lying paperwork to each person, so only the most incompetent and abandoned are homeless. And those depending only on that system, while presenting themselves on paper as hopeless, seemed to me charmed, sitting as neighbours on their front stairs evenings to talk, read, and play music for the pleasure of it; with the sound of children laughing and playing everywhere. I was told this is the sound of suffering.

The large welfare hotels were eventually all torn down, but there had been something nice about 'anyone can live here if you don't mind it.'

There was depth in Rep's idea that being bumped off the fast track, at the expense of perhaps stealing some pension or medical care of others, I would land in a caring and permanent place.

There was depth in Rep's idea, if you think about it enough, that, even with Alzheimer's, her father, resembling me, had wisdom not to put the kettle on the hob for one cup of tea; and perhaps with the same difficulty explaining it that her dad may have had while he was alive we, as a university, rather than seeking to fulfill the dual aim which the Vice Chancellor stated already in the commencement speech -- to drive the new economy while acting as firefighters -- we ought to take the last opportunity there will ever be, to try to find and explain the deeper wisdom which was already there in Africa, China, India, perhaps everywhere on the whole of earth, and which is disappearing, and dying along with the nature which had so dearly supported it.

John

*It is therefore likely fine to say her real name, which is Lucinda.

Cover letter email
 =====

This is done completely and bla5.txt is unchanged, just the epilogue pasted in, I will never change it in any way, and there will be never any more embellishments of my public interest disclosure.

It is done, done, done and the file will never be changed again, ever, absolutely.

I do feel badly about a great degree of plagiarism which is there. It is true what I said about a manager being a stranger, at the end, but Sparrow has sent me an email every day for long intervals of time. One notable one saying it is inappropriate to publish students' correspondence on the internet. So he is right and they are lost to an inbox somewhere with me genuinely no ability to figure out what to do with them. I tell them I hope it's doing them a favor to just steal it without any acknowledgement. I genuinely am afraid of getting them into trouble. And I am not going to send the disclosure to them or publish it because the rule is they have to be secret.

Dr. Sorrell has been deeply helpful, the reports I cited are three reports by him, pointing out that a person with Asperger's syndrome can do nothing but fly off at a tangent on one of the phrases you've used, or become obsessed with issues of justice and rights. I sent to him an acknowledgement to Zakarias the poet, which is secret.

There is truth though about flying off on tangents, just being in the moment and noticing something. Last night on TV the republicans had hired Clint Eastwood to introduce Romney at the podium.

Clint seemed old and senile, and confused, observers said it might be alzheimer's, and he was dazed staring at an empty chair which he seemed to think may have held an invisible Obama. He said, you lawyers, with your hypotheticals, might be this way, might be that way. We OWN America, we OWN the politicians, and inviting the empty chair, "Go ahead, make my day."

I know I'm not going to change the errata. I told Sparrow and Dimitra, while I was thinking of what they should say, everyone in the household I was visiting had waked me up concerned, my snoring was loud and keeping them awake. But I was not sleeping, only thinking lucidly now. Later, the remaining time I was on holiday, swimming alone in the sea, the errata were always ringing in my ears without any change.

It is done, and my thinking anymore about it is just chatter and babble of day to day thinking, a huge omission which can never be included and can never make any sense was that I'd heard on TV someone like David Attenborough describing over billions of years, cyanobacteria, the way he described it, trying to create oxygen, but it was absorbed by iron in the earth's crust. The deposits of their bodies became stones rising out of the sea during this time. Only when the iron was oxidized over these billions of years could oxygen start to accumulate in the atmosphere. The story was told wrong, as though the bacteria were giving up generations of their lives so that we could later start to breathe. And someone asked me yesterday, can plants think? Does a sunflower know it is trying to look at the sun? Do plants feel anything like pain? Why does a shoot of a climbing vine spin around as if it is looking for something to hold?

None of this does make sense, nor would it make sense to think that the plants and animals whose bodies later accumulated under the sea and under the earth as fossil fuels, were in any way intending us to use them likewise as an important gift. But if we had had plans of leaving earth, or later things which we can't now understand, then using it all to travel to Warwick and back, because the name Coventry Polytechnic had been already taken, would be disrespecting any such earlier effort. In such a case, each single drop of fossil fuel should have been saved for the distant distant future.

The mathematician Bernoulli said that utility might be expected log wealth (he thought that when you can never have any more wealth you are infinitely unhappy), and economists multiply by a discount factor tending to zero as time goes to infinity so that the integral does not always converge to minus infinity, saying in effect we agree not to care about more than 25 years into the future. This is the agreed error, perhaps, or perhaps the distant future is unperceivable.

Or chatter about the dream last night, not a cup on a hob, failing to hold a hot liquid in its good and disintegrating in a vision of dementia, but a sort of water balloon had been taken so far; it was as if dreaming about Neil Armstrong's death the other day, two astronauts had gone to try to save us on a long trip, they were standing somewhere, to try to throw this prepared water balloon filled with terrible acid at something like a street light. They were on TV, and it had all been practised, they were confident. The water balloon missed, looking like the moon setting alongside Big Ben, and the population of America was like Christa McAuliffe's mom and dad among the other observers, as their cheers turned to moans of horror at the sight of the consequent explosion. How could they not know that with one worker standing on one side and one standing on the other side, they could not accurately synchronise their reflexes. They had been like children only at sports day, 'Ready, steady, go!' It missed the big clock or light tower, and instead hit the Empire State building, or another tower like that, in a silly wasted explosion like a 1950's kids' movie.

The final thing which Rep said, speaking to Dimitra as though I, lacking business sense, am not even there, and would not hear or understand her dismissiveness, was not cruel, it answered my deep invocation, 'you can't make payments from beyond the grave.' It was a challenge, and she understood the challenge and issued her reply. Because she knew, maybe from Liz, that channeling is possible, and that roles involve channeling.

But I'm sure there is nothing more sensible to add ever to my public interest disclosure. It is finished, there are and will be no more comments.

I'm not including Liz' minutes again, a proper document, which I might prepare, would be many hundreds of pages written by all the others who have responded various strange and angry ways, in fun, and intelligent ways, and it had only been necessary for me to copy and paste or get defensive from time to time.

Glossary

=====

The irrelevant concept of simplicity has no clear meaning when restricted to three dimensions.

The notion of a university having a 'sense of direction' is defective.

Attempts to understand things in terms of differential equations describe not solution leaves as a foliation, but things which cannot be continued without destroying themselves in contradictions.

The world should give us a choice to be evil.

Students are going to desperate measures sometimes to try to explain how they feel about being at a university where they arrive strapped-in for a journey that they do not want to go on.

The disembodied intelligence makes compassionate plans to kill the family of its creator.

A university can only be a mirage of what had been, throughout all the times of deepest human wisdom, the source of that true wisdom.

Universities are are places where young people, whose lives are full of pretend play, are meshed into the reality of their society.

Legal minds working pro bono understand the playfulness and paradoxical nature of applying law to human thought.

Properly understood, electromagnetic theory would interweave with human intentionality.

Social sciences have partly ossified into thinking that 'statistics' means agreeing to understand a particular model.

When someone takes action based on a model the lie consists in enforcing that the error which we cannot perceive is agreed by the same consensus as the error had been which we can perceive.

Powerful thinkers stayed at universities, supported by the dole (welfare).

Maths is part of a quadrangle surrounding a cesspool full of automatic machinery.

He looked as good as you do.

Go to your gp, have him write a letter about all the problems, and tell him the letter is shared.

It was not my intention to play 'Sherlock Holmes'.

What is really observed is a comparison between the trustworthiness and competence of funded versus unfunded research/administration.

The state of university knowledge is canalized along the subject disciplines, because of the restrictions of peer review,

Following government funding initiatives based on peer review has led universities to a provably shallow interpretation of the meaning of knowledge, to the obvious future detriment of the environment.

University actions literally are killing nature.

One can and I do interpret 'performance' of a 'role' in the sense it was understood in Shakespeare's time, in which pretence is inherent and unremovable.

Economists encourage, and corrupt governments enforce, the false interchangeability of commodities which have equal value.

Our intuitive impression of a seive where financial value cannot be contained in a meaning of goodness, where it seems to her to have leaked out and ruined lives and hopes, or left people whose only hope would be escaping exhaustion or experiencing vicarious pleasure in a stranger who controls them should have been substantiated in a deeper way than by irony or by a Faust notion of evil or greed or short term thinking, or a marxist notion, or a futile notion of regulation.

Non-integrability in nature proves that once one speaks of happiness one is telling a lie.

Rather than seeking to fulfill the dual aim to drive the new economy while acting as firefighters -- we ought to take the last opportunity there will ever be, to try to find and explain the deeper wisdom which is disappearing, and dying along with the nature which had so dearly supported it.

The mathematician Bernoulli said that utility might be expected \log wealth (when you can never have any more wealth you are infinitely unhappy), and economists multiply by a discount factor tending to zero as time goes to infinity so that the integral does not always converge to minus infinity.

Two astronauts had gone to try to save us on a long trip, they were standing somewhere, to try to throw this prepared water balloon filled with terrible acid at something like a street light. They were on TV, and it had all been practised, they were confident. The water balloon missed, looking like the moon setting alongside Big Ben, and the population of America was like Christa McAuliffe's mom and dad among the other observers, as their cheers turned to moans of horror at the sight of the consequent explosion. How could they not know that with one worker standing on one side and one standing on the other side, they could not accurately synchronise their reflexes. They had been like children only at sports day, 'Ready, steady, go!'

You can't make payments from beyond the grave.

Re: Plans for the rest of this year and plans for next year

Subject: Re: Plans for the rest of this year and plans for next year

From: Sparrow

Date: 29/03/2013 09:22

To: john

CC: Dimitra <Dxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>

Dear John,

In due course there will be another opportunity to meet with Liz and me to discuss your options for next steps. We are at present waiting for a response from USS. If you want to meet with me sooner to discuss this informally then please say so and we can arrange this for after Easter. In the meantime I hope you forgive me for not replying to your many emails except to say that as far as I am concerned, the options for the future remain exactly as discussed at our previous meeting.

With best wishes, Sparrow

=====

On Fri, 29 Mar 2013, john wrote:

Actually, working at Macdonalds, once they keep 60% what the rest could go towards is paying for space on the university server. Where I could buy a 64 GB flash drive for 20 pounds, the university would charge hundreds and hundreds of pounds for enough space on the uni server, for instance, to put up Miles' lecture videos.

Maybe thousands and thousands of pounds.

Now, I could get a website called like 'warwick.fake.org' or something and put them there and that would cost 5 pounds per year, it might even be free if it is supported by a few flash ads.

But if I want to be a bit respectful I should pay IT services the actual cost they charge for any space at all on the official university server.

And if I did that by working at Macdonalds, I could multi-task and do research while I am there.

And I wouldn't be very much tempted to change my thinking or the direction of the research because of the job.

There would be a clear separation between the ideas of 'bringing in money' and the idea of choosing a research direction.

I would not want to discredit the people at Warwick who work really hard to make it a valid, viable, safe, compassionate, intelligent place; sort of like throwing mud at someone.

And I wouldn't want to do that just as a joke.

But if it really is true that bringing in money is a

thing to do that might make sense.

I could also for example ressurect my fake financial website GoldenGem. It is still there, but since the web design is so 1990's no one would trust it now, and no one has bought the piece of junk for a year.

But I could involve Warwick in the GoldenGem project, whose aim is to give credibility to a fake financial site so that it brings in money that the university can use for a better purpose.

On Fri, Mar 29, 2013 at 8:44 AM, john [<jxxxx@gmail.com>](mailto:jxxxx@gmail.com) wrote:

I thought of something funny. The job description which Liz gave me was all about managing funds; an Associate Professor at Warwick is meant to collect funds, and then disperse them out among junior colleagues and students.

No one funds pure math research really, or philosophy etc.

Yet, if I remember correctly, the job description that Liz showed me is all about bringing in money.

I could work at Macdonalds, and give the income to the University as a 'french fry' research grant, they would keep 60% of it, and then give some small amount back like to pay for my computer.

Though in truth they give a lot of money for my salary and it would not make a huge difference, but I could acknowledge that it isn't a huge contribution like people who get the funds that the gov't pours into trying to rescue the 'manufacturing group' get.

And, students could wait and see me there at Macdonalds after my shift is done, and talk about ideas over french fries and a coke. Again that is not great because that food is so unhealthy, though they are starting to have some healthy options too like carrot sticks.

From: Glenys (COVENTRY TEACHING PCT)
Sent: 14 February 2013 11:09
To: mxxxx@maths.warwick.ac
Subject: medical report

Dear John,

We have received a request for a medical report from Warwick Uni to assess the possibility of ill health retirement. I am just advising you that the cost of this will be 100.00 & it is the policy of the university that this cost is to be met by the patient.

I have your consent form & am aware that you require sight of the report before sending off. Please find attached invoice.

Kind regards

Glenys
GP Administration Assistant
Telephone Number 024 76224299
Fax 024 76229985

E-MAIL DISCLAIMER - IMPORTANT INFORMATION

The contents of this e-mail are confidential and protected by copyright. The email is intended for the named addressee only. If you are not the named addressee (or a person acting on behalf of and with the authority of the addressee) and have received this e-mail by mistake any copying, disclosure or dissemination of the contents of this e-mail to any third party is strictly forbidden by the sender. If you have received this e-mail in error, please contact the sender immediately by return of e-mail gxxxx@nhs.net and then delete this e-mail and destroy any copies thereof. Please also note that Dr Durr and Partners endeavours at all times to keep its network free of viruses. You should, however, scan this e-mail and any attachments to it for any viruses. Dr Durr and Partners will not be held responsible for any viruses which may be transmitted upon receipt of this e-mail or the opening of any attachment thereto. Unless otherwise stated, any views or opinions presented are solely those of the author and do not necessarily represent those of Dr Durr and Partners. Emails may be monitored

This message may contain confidential information. If you are not the intended recipient please inform the sender that you have received the message in error before deleting it. Please do not disclose, copy or distribute information in this e-mail or take any action in reliance on its contents:

to do so is strictly prohibited and may be unlawful.

Thank you for your co-operation.

NHSmial is the secure email and directory service available for all
NHS staff in England and Scotland

NHSmial is approved for exchanging patient data and other sensitive
information with NHSmial and GSi recipients

NHSmial provides an email address for your career in the NHS and can
be accessed anywhere

Meeting Thursday 16th May**Subject:** Meeting Thursday 16th May**From:** Sparrow**Date:** 08/05/2013 14:02**To:** john <Jxxxx@warwick.ac.uk>, Dimitra <Dxxxx@warwick.ac.uk>**CC:** "Liz" <Exxxx@warwick.ac.uk>

Dear John and Dmitra,

Would you be able to come to a meeting in my office on Thursday 16th May at 9.30 please?

I don't at present have any definite news about progress, but it is some time since we met and I think it would be useful to keep in touch in any case, and I will also make my best efforts to ensure there is some progress by the time we meet.
Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail: cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

RE: Meeting Thursday 16th May

Subject: RE: Meeting Thursday 16th May

From: "Dimitra" <Dxxxx@warwick.ac.uk>

Date: 08/05/2013 15:53

To: "Sparrow" <Cxxxx@warwick.ac.uk>, "John" <Jxxxx@warwick.ac.uk>

CC: "Liz" <Exxxx@warwick.ac.uk>

Dear Sparrow

I cannot make the 16th of May at all, but perhaps John can come to the meeting alone. Or would you rather consider another date?

Thanks

Dimitra

-----Original Message-----

From: Sparrow [<mailto:Cxxxx@warwick.ac.uk>]

Sent: 08 May 2013 14:03

To: John; Dimitra

Cc: Liz

Subject: Meeting Thursday 16th May

Dear John and Dmitra,

Would you be able to come to a meeting in my office on Thursday 16th May at 9.30 please?

I don't at present have any definite news about progress, but it is some time since we met and I think it would be useful to keep in touch in any case, and I will also make my best efforts to ensure there is some progress by the time we meet.

Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

RE: Meeting Thursday 16th May

Subject: RE: Meeting Thursday 16th May

From: Sparrow

Date: 08/05/2013 17:09

To: "Dimitra" <Dxxxx@warwick.ac.uk>

CC: "John" <Jxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>

Dimitra - I think it would be very useful if you could also come, so I would prefer to find another date. Do you have any dates in the next two and a half weeks or so which would be better for you and ok for John (and is it right that 9.30ish is the best time of day for you - I was basing this on previous meetings) thahks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

Dear Sparrow

I cannot make the 16th of May at all, but perhaps John can come to the meeting alone. Or would you rather consider another date?

Thanks

Dimitra

-----Original Message-----

From: Sparrow [<mailto:Cxxxx@warwick.ac.uk>]

Sent: 08 May 2013 14:03

To: John; Dimitra

Cc: Liz

Subject: Meeting Thursday 16th May

Dear John and Dmitra,

Would you be able to come to a meeting in my office on Thursday 16th May at 9.30 please?

I don't at present have any definite news about progress, but it is some time since we met and I think it would be useful to keep in touch in any case, and I will also make my best efforts to ensure there is some progress by the time we meet.

Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

RE: Meeting Thursday 16th May

Subject: RE: Meeting Thursday 16th May

From: "Dimitra" <Dxxxx@warwick.ac.uk>

Date: 08/05/2013 17:51

To: "Sparrow" <Cxxxx@warwick.ac.uk>

CC: "John" <Jxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>

I am OK for Tuesday the 14th or Friday the 17th at 9:30 am or Monday the 20th again 9:30

Dimitra

From: Sparrow [Cxxxx@warwick.ac.uk]
 Sent: Wednesday, May 08, 2013 5:09 PM
 To: Dimitra
 Cc: John; Liz
 Subject: RE: Meeting Thursday 16th May

Dimitra - I think it would be very useful if you could also come, so I would prefer to find another date. Do you have any dates in the next two and a half weeks or so which would be better for you and ok for John (and is it right that 9.30ish is the best time of day for you - I was basing this on previous meetings) thahks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

Dear Sparrow

I cannot make the 16th of May at all, but perhaps John can come to the meeting alone. Or would you rather consider another date?

Thanks

Dimitra

-----Original Message-----

From: Sparrow [<mailto:Cxxxx@warwick.ac.uk>]

Sent: 08 May 2013 14:03

To: John; Dimitra

Cc: Liz

Subject: Meeting Thursday 16th May

Dear John and Dmित्रa,

Would you be able to come to a meeting in my office on Thursday 16th May at 9.30 please?

I don't at present have any definite news about progress, but it is some time since we met and I think it would be useful to keep in touch in any case, and I will also make my best efforts to ensure there is some progress by the time we meet.

Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
 Head of Department
 Mathematics Institute
 University of Warwick

COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

RE: Meeting Thursday 16th May
Subject: RE: Meeting Thursday 16th May
From: john
Date: 08/05/2013 18:01
To: "Sparrow" <Cxxxx@warwick.ac.uk>

Hi Sparrow,

Just a comment: it occurred to me that it was wrong/gossipy for me to talk about the epidemiologists as I do, when I'm not involved, and don't know their work.

John

RE: Meeting Thursday 16th May**Subject:** RE: Meeting Thursday 16th May**From:** Sparrow**Date:** 08/05/2013 21:10**To:** "Dimitra" <Dxxxx@warwick.ac.uk>**CC:** "John" <Jxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>

Liz and I can both make Monday 20th. So please may we meet on Monday 20th at 9.30 am, my office as usual.

thanks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

I am OK for Tuesday the 14th or Friday the 17th at 9:30 am or Monday the 20th again 9:30
Dimitra

From: Sparrow [Cxxxx@warwick.ac.uk]
Sent: Wednesday, May 08, 2013 5:09 PM
To: Dimitra
Cc: John; Liz
Subject: RE: Meeting Thursday 16th May

Dimitra - I think it would be very useful if you could also come, so I would prefer to find another date. Do you have any dates in the next two and a half weeks or so which would be better for you and ok for John (and is it right that 9.30ish is the best time of day for you - I was basing this on previous meetings) thahks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

Dear Sparrow
I cannot make the 16th of May at all, but perhaps John can come to the meeting alone. Or would you rather consider another date?
Thanks
Dimitra

-----Original Message-----

From: Sparrow [mailto:Cxxxx@warwick.ac.uk]
Sent: 08 May 2013 14:03
To: John; Dimitra
Cc: Liz
Subject: Meeting Thursday 16th May

Dear John and Dmitra,

Would you be able to come to a meeting in my office on Thursday 16th May at 9.30 please?

I don't at present have any definite news about progress, but it is some time since we met and I think it would be useful to keep in touch in any case, and I will also make my best efforts to ensure

there is some progress by the time we meet.

Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

Re: Meeting Thursday 16th May**Subject:** Re: Meeting Thursday 16th May**From:** john**Date:** 09/05/2013 10:44**To:** "Dimitra" <Dxxxx@warwick.ac.uk>**CC:** "Sparrow" <Cxxxx@warwick.ac.uk>, "John" <Jxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>

That time is fine for me too,

John

On Thu, May 9, 2013 at 7:22 AM, Dimitra <Dxxxx@warwick.ac.uk> wrote:

Monday 20th at 9:30am is fine for me. See you then
 Regards
 Dimitra

From: Sparrow [Cxxxx@warwick.ac.uk]
 Sent: Wednesday, May 08, 2013 9:10 PM
 To: Dimitra
 Cc: John; Liz
 Subject: RE: Meeting Thursday 16th May

Liz and I can both make Monday 20th. So please may we meet
 on Monday 20th at 9.30 am, my office as usual.

thanks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

I am OK for Tuesday the 14th or Friday the 17th at 9:30 am or Monday the 20
 Dimitra

From: Sparrow [Cxxxx@warwick.ac.uk]
 Sent: Wednesday, May 08, 2013 5:09 PM
 To: Dimitra
 Cc: John; Liz
 Subject: RE: Meeting Thursday 16th May

Dimitra - I think it would be very useful if you could also
 come, so I would prefer to find another date. Do you have any
 dates in the next two and a half weeks or so which would be
 better for you and ok for John (and is it right that 9.30ish
 is the best time of day for you - I was basing this on
 previous meetings) thahks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

Dear Sparrow
 I cannot make the 16th of May at all, but perhaps John can come to the mee
 Thanks
 Dimitra

-----Original Message-----

From: Sparrow [<mailto:Cxxxx@warwick.ac.uk>]

Sent: 08 May 2013 14:03

To: John; Dimitra

Cc: Liz

Subject: Meeting Thursday 16th May

Dear John and Dimitra,

Would you be able to come to a meeting in my office on Thursday 16th May a

I don't at present have any definite news about progress, but it is some t

Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail: cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

From: Sparrow

Come and celebrate the sun. Take a break from revision. Bring friends, public,....

Date: Wednesday 8th May. **Time:** arrive by 18.15.

Venue: MS.01, Zeeman Building (Maths and Statistics, University of Warwick)

Prof Valerie Isham (UCL)

Rainfall, Hydrology and Climate

notes of discussion with Thomas and Valerie**Subject:** notes of discussion with Thomas and Valerie**From:** john**Date:** 08/05/2013 20:23**To:** Sparrow

Thomas, standing with kid, I ask about the swimming lessons, and why he hasn't been around.

He introduces me to wife who has another kid.

Speaker Valerie joins us, is nice to kid, saying, was it boring, did he bring a book, introduces herself to younger girl toddler which his wife is holding.

Pellis joins us.

After a while Pellis leaves, I acknowledge him leaving and he seems OK with that.

I say, it must be interesting two people approaching a subject from such different perspectives as Thomas and Valerie

Thomas starts to talk to her about technical details of her model, and they agree about something in the model.

Thomas mentions someone in quantum field theory whom they both know, she says he's a post-doc now.

I tell Valerie, I appreciated that her talk as done clearly so that anyone could understand it. I said I know there is more to it than what it seemed, but I felt that I'd understood it. It was then that Thomas got into those details.

I said, even though I probably really don't understand it and can't comment on the Maths, here is a question. That, I wonder, when she gives her conclusions to people, do they understand what she knows is the arbitrariness with which she chose the way her model works. She said something not understanding me, something along the lines that the model fits well.

I said, if an epidemiologist is considering the relation between smoking and heart disease, people who read the conclusions have a simple choice, they can try to get people to stop smoking, to decrease the heart disease.

But (I meant to say, when you are modelling not a disease process, but a natural process) there is the danger that if she presents results saying as she did that this percentage of tree cover and that percentage of grass cover may lead to this amount of runoff, my worry is that policy makers will misinterpret what she is saying, and merely plant either grass or trees to control the runoff, with no regard to other things like biodiversity.

She said, people who study biodiversity can use her research, and I agreed that this is a good point.

She also said, policy makers aren't going to be reading her research.

Thomas mentioned the badger research which seemed to show that (short of a huge cull) small culls won't control TB, but policy makers

ignored the results.

I said too, that it can be hard to interpret results.

Thomas said, governments usually appoint a technical person to read and assemble relevant research, rather than reading it directly themselves.

I agreed, that the recent government decision to oppose the ban of pesticides affecting bees was done by the government scientific adviser, a rheumatologist, indeed right there at Imperial/UCL. And I know that he is objective too, being a medical person, not a politician.

Thomas and I think Valerie both said, or maybe just Thomas, that when they are applied properly it isn't a problem.

Thomas said, in the past, the mixing of species, mobility, had actually been a problem with the health of bees, he seemed to mention genetics and mentioned disease spread in bees.

I said, the EPA in America surprised me by coming out with a strong conclusion (though, not about pesticides) saying that the near extinction of honeybees is caused in part by the fact that there is a lack of genetic diversity, all descended from only 900 bees. And also farming methods and lack of biodiversity means that their diet is restricted, often to the flowers of one crop.

Thomas talked more technical stuff with her, and eventually I said, with policy makers, I would have almost wished that someone would say something mystical or magical about rainfall, not only "here is how wide you need to make the drain," but more like "rainfall is the source of all life." I said, at the beginning when she mentioned how her model is "better" than the previous one, and mentioned "design," I mistakenly thought, to my horror, "She's planning to design a rainstorm."

Thomas said, they used to do that, that as a cloud front moves across the mediterranean, they would try to seed the clouds, to make the rainfall happen on a particular island. He started talking about the statistics of that moment of precipitation.

John

RE: Meeting Thursday 16th May**Subject:** RE: Meeting Thursday 16th May**From:** "Dimitra" <Dxxxx@warwick.ac.uk>**Date:** 09/05/2013 07:22**To:** "Sparrow" <Cxxxx@warwick.ac.uk>**CC:** "John" <Jxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>

Monday 20th at 9:30am is fine for me. See you then

Regards

Dimitra

From: Sparrow [Cxxxx@warwick.ac.uk]
 Sent: Wednesday, May 08, 2013 9:10 PM
 To: Dimitra
 Cc: John; Liz
 Subject: RE: Meeting Thursday 16th May

Liz and I can both make Monday 20th. So please may we meet on Monday 20th at 9.30 am, my office as usual.

thanks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

I am OK for Tuesday the 14th or Friday the 17th at 9:30 am or Monday the 20th again 9:30
 Dimitra

From: Sparrow [Cxxxx@warwick.ac.uk]
 Sent: Wednesday, May 08, 2013 5:09 PM
 To: Dimitra
 Cc: John; Liz
 Subject: RE: Meeting Thursday 16th May

Dimitra - I think it would be very useful if you could also come, so I would prefer to find another date. Do you have any dates in the next two and a half weeks or so which would be better for you and ok for John (and is it right that 9.30ish is the best time of day for you - I was basing this on previous meetings) thanks, Sparrow

=====

On Wed, 8 May 2013, Dimitra wrote:

Dear Sparrow
 I cannot make the 16th of May at all, but perhaps John can come to the meeting alone. Or would you rather consider another date?
 Thanks
 Dimitra

-----Original Message-----

From: Sparrow [mailto:Cxxxx@warwick.ac.uk]
 Sent: 08 May 2013 14:03
 To: John; Dimitra
 Cc: Liz
 Subject: Meeting Thursday 16th May

Dear John and Dmitra,

Would you be able to come to a meeting in my office on Thursday
16th May at 9.30 please?

I don't at present have any definite news about progress, but it
is some time since we met and I think it would be useful to keep
in touch in any case, and I will also make my best efforts to
ensure there is some progress by the time we meet.

Liz will be in attendance.

thank you,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail: cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

Reply to Xinyu**Subject:** Reply to Xinyu**From:** john**Date:** 11/05/2013 08:14**To:** "He, Xinyu" <xxxxX@warwick.ac.uk>**CC:** vxxxx@ucl.ac.uk, Thomas <txxxx@warwick.ac.uk>, Sparrow <cxxxx@warwick.ac.uk>

Hi Xinyu,

I'm cc'ing a quck and not carefully-considered reply to your email to Valerie and Thomas.

This is out of fairness since I mention them in the email.

John,

Let's think about the Climate Change-Maths question,
just for fun.

About Chinese students, they should not /cannot be classified
as the same: some admire "growth" / "wealth" and some
don't, just
like here not everyone is capitalist, and so not everyone in
China is a communist.

But what letters are you writing for them, why they had to
write a personal statement?

Talk to you soon,

Xinyu

Dear Xinyu,

I am writing, finally, to reply to your question of thinking
together about climate change. I have still not gotten organized
to think about your paper on Euler's equations, as I still do
promise to do.

I would like to do that, and I am thinking that I might like to
start from a more general perspective somehow, to include
other similar things.

One issue is the issue of resilience of nature in the face of
global warming.

A second issue is what Valerie said in response to one of
the two questions in the lecture hall, "they don't listen to us."
This, of course, relates to styles of scholarship.
English scholarship, I wonder if it is English male scholarship
only, includes a notion of intentional bullying of the audience,
even hoping that they will rebel. I wondered about the
juxtaposition in the talk about the two photographs of
wilderness nature, why the analysis of runoff only analyzed

tree cover and grass cover.

After the lecture, Valerie spoke in detail to me and to Thomas, and although I won't now recount all that was said, one interesting element was that one of the two funding sources for rainfall research are telecommunications companies, because they are interested in placement of telephone towers.

I wasn't sure if the intention of telling me about telecommunications companies was to make me think that what people work on at universities tends to be controlled by funding pressures, by the requirement to do research that is funded. The beginning of the talk mentioned control and systems, though I was shy to challenge this.

Of course, some words are just emotive. Here is a quote from a book of Graham Gibbs from his seminars which we were required to attend about "developing teaching:"

"Human activity systems. A systems approach. Goals and goal conflicts. Operational viewpoint. Emerging conflicts. The organization and the outside. Information. Automatic operation. Men and systems. Management operation systems. Implementation and behaviour. Control of operations. Organizational design and control. Behaviour."

To be fair, this is from an example showing how a course could be organized, it is a fictitious course, and including it may have been a joke. I asked during the first day if I could have permission not to attend the second day and Gibbs said "That would be difficult." Attending this was a condition of employment. So the words 'system' and 'control' have a dark effect on my feelings independently of the talk I was attending. I often talk of the example of you, Xinyu, having arrived unpaid at Warwick to do valuable research on the unsolved principles of fluid flow. Instead of taking a funded position working on something that would be useful for an industry. And I worry about permanent job prospects for our research fellows in epidemiology.

As you know, I have for a long time thought that technological developments will have unexpected consequences, and there will be no way to avoid them, for the same reason that a moth cannot avoid flying into a light. Jack C always refuted me with a strange, aggressive challenge, what I have learned is characteristic of English scholarship, which I have come to accept as perhaps what he presented as a way that humans are different than that.

I think that I know of two other English scholars who are capable of that demonstration. One, who seemed very evil at the time, only because he was bald, I guess...he had somehow realized I was discarding correspondence in the rubbish bins, some was hoping for an agreement not to develop my own land, and giving people restrictive covenants for after we are no longer here. He had presented himself as a terrible villain, snarling to me 'the covenant is not to our benefit.' He physically cut a tree, and later I believed he had terribly destroyed a tree near where I live now, it was not only cut down, it was completely wrecked, and shredded, and the BBC had been called and was waiting for me. The tree was at a spot where I would be at that time every day, and I actually believe that my neighbour knew the reporter, Russell Joslin. The way he acted...there had been children's Mathematics homework papers burned and buried in a hole beside the tree, and when I tried to show them to Russell Joslin, instead of looking

carefully, he acted completely insouciant, he said "Maths papers," and he let them crumble and fall. He seemed sensitive, and he seemed to know the whole story even before I told him anything. You can read about him online, his senior colleague at the BBC fell in love with him and he decided to end his life as a result. My neighbour was I think a mathematics teacher in a special school. It makes me wonder, or believe, that English scholars do have poignant ways of, in Valerie's words, making people 'listen to us.' But it depends on something personal and slow, which requires many years to cultivate.

American scholarship is more based on a notion of blaming. There is no independent journalism in America, for instance when Martin Bashir, from Pakistan but educated in England, photographed Michael Jackson holding hands with Gavin Arvizo, after he was cured of cancer, Bashir said, "If a man wanted to sleep in the same bed with my daughter, I would have concerns!"

Just because an established English broadcaster asked that question, it was enough for the Americans to decide that Jackson was a paedophile. It prompted the almost identical statement of congressman Pete King, until recently the chair of the House Committee on Homeland Security, who added that Jackson is a 'pervert and a low life,' although this was after a court had found him innocent.

A similar 'bad guys versus good guys' approach afflicts American attempts to come to grips with the upcoming environmental problems. Overseas students who come to us for Maths seem to me at times to just completely ignore their environment, recent maps, I read in the news, have preemptively deleted about half the rivers in China and other countries.

Xinyu, I want to try to converge on at least some mathematical point from her lecture, but I have to include context to make sure that things aren't distorted. Part of the issue is that when an English man gives a lecture, he sometimes expects elements of it to be attacked. I had some bad feelings during the talk, including things I would have wanted to somehow change, and perhaps some of the feelings were only personal. In that case I have to out of fairness look at everything that may have been involved. I really think that there may be a mathematical basis for drawing a conclusion afterwards, but it is not right to just blindly state that.

Before I go into that, I want to sort-of set the stage for it by saying that some of the bad feelings were there already. We talked about biodiversity, and I had just recently read about how the solution to lack of diversity in bees' diets (in case this is causing the near extinction of bees -- something of interest suddenly to policy-makers because the immediate food supply depends on pollination) is proposed, that farmers should just be given a wildflower mix, and sow it alongside their other crops. When I had published my desperation about the vast mowed lawns just the other side of the Hearsall crematorium, the vice-chancellor, perhaps by coincidence, paid the city council each year to do just that, to sow massive fields of diverse wildflowers. And every year, they are ploughed up again and removed! Caroline told me, those wildflower beds are 'his baby.' But, when I complained about the lawns, I just meant, not for the city council to make a gesture like that. I meant, only, to stop using the strimmer to narrow the thin wild strip alongside the fence.

Here are some photos I took just now, and you see the first one is our own dear attempt to extend the biodiversity from the window planter into the brick area, through the use of potted plants.



Here is an oak tree in the back garden which she intentionally broke, I just now noticed a snail climbing it.



Dimitra also insists on keeping the back garden as a lawn, except for this part which used to be some cultivated plants and mainly still is.

Here is the railway verge, behind some houses it seems completely biodiverse, to my untrained eye. But neighbours are clearing it. The next-door neighbour cleared part of it, planted roses and trees, and also uses it to dispose of hardcore. But you can see just behind the hardcore an area of undisturbed biodiversity.



Here is a sort-of typical English garden



Here is a house that has been enlarged and 'done up,' and the front garden has been 'done up.'



Here is a house that is being extended and 'done up.' The garden up to the railway verge is cleared now, and behind that red fence is stone, down to to the railway verge, it has been cleared to make it tidy.



Here is a quote from the book "William Shakespeare" by Stuart Ross, published in 2008:

"The countryside in Shakespeare's time was much emptier than today. There were more woods, streams, and wild, uncultivated places."

If you fly anywhere in an airplane, you see patches of cultivated farms from one horizon to the other. It is a strange concept that viable biodiversity, of which there appears to me to be some remaining in isolated places, is mainly considered to be 'emptiness.'

So one thing is that the speaker was at once someone in a position of respect, and at the same time a female, this was discussed early in the talk. In discussions later, she seemed sensitive, almost defensive, and I felt terrible engaging in debate, almost like I had violated rules of chivalry not to hit a woman. At the same time, I thought it was deeply generous and admirable that she was spending time talking to a very junior scientist, Thomas, and me, whom I consider a junior mathematician since having been somewhat out of commission until 2003 (though my age is less than seven years different than the speaker).

I somehow feel that I should defend myself and point out that I have collaborated without significant hostility with women, once successfully with Joan Birman, in what was for each of us our last published research paper some years ago.

Now, we may have been outdoors in a rainstorm, Xinyu, never together there, but anyone who has experienced rain on their face knows of micro-variations, and it was good that the model includes these. It was scary that it is based on a sort of Poisson distribution of ellipses, and yet if you think of ellipses in relation to quadratic forms, it does seem like a simple natural choice too. I am beginning to converge on what I want to say, which is this. To me, it seems that nature has in many places become diseased. Here is a biologist's rant about unexplained and un-investigated marsh die-back, for just one example.



MADISON, Conn. (AP) Something is killing New England's salt marshes, and scientists are trying to figure out how large the problem is, and how to stop it. Parts of the marshes, normally teeming with cord grass, fish and birds have turned mud brown and bare of life except for fiddler crabs.

"No one recalls seeing anything like this," Ron Rozsa, coastal ecologist with Connecticut's Department of Environmental Protection, told the Day of New London as he surveyed a section of the Oyster River salt marsh in Old Saybrook. "We're talking about a crime scene investigation some forensic ecology, if you will."

Scientists are calling the mysterious phenomenon sudden wetlands dieback. The marshes make up about 10,000 acres along Connecticut's Long Island Sound coast.

They are considered the foundation of the marine food chain and buffer the shoreline against flooding and storms. A dieback has also been seen in brackish marshes, which have lower salinity and cover about 3,000 acres in the state.

But the problem is not limited to Connecticut. Dieback has been reported in all five of the coastal New England states and is most evident in the marshes of Cape Cod.

Dieback sites have also been documented on Long Island, Virginia, Georgia, South Carolina, Texas and Louisiana where scientists call it brown marsh. It appears to have begun about seven years ago, occurring in isolated but, in some cases, relatively large patches, biologists say.

The dieback is causing erosion problems along the shore.

On healthy salt marshes, the smooth cord grass grows in a belt right up to water's edge, securing the marsh.

The death of the grasses effectively means that section of marsh ceases to exist as a productive habitat.

In a dieback site, irregular margins of gray-brown marsh soils are exposed, cut away by tides and waves that wash in during storms, forming terraced walls, trenches and caves in the creek banks.

"We don't know what's causing it, and we don't know how to stop it. Is it a disease, or a response to a combination of factors? We want to get a handle on what this thing is," said Susan Adamowicz, a land management research and demonstration biologist for the U.S. Fish and Wildlife Service.

You don't know whats causing it... its been going on for 7 years and you dont know whats causing it... there was never a thought to investigate, hmm why are our precious and now apparently valuable salt marshes disappearing??? I will give you a few hints, so you can start your investigation... Here's a clue, proposed by [Dr Brian Silliman](#) through various research projects... LITTORARIA!! fungal farming snails, cut gashes in the cord grass and allow fungus to colonize the gash, which the snail then eat... but this fungus kills the grass blade... of course, these snails have always been there, so whats the problem... hmm overfishing of crab predators perhaps... without enough predators to keep snail populations under control, the snails can totally devastate salt marshes... or maybe all those chemicals sprayed into the marshes that serve as "mosquito repellants" have something to do with it... or maybe introduced exotics... doesnt matter though bc even if we save them we are almost past the point of no return in global warming and sea level will rise and drown out the remaining marshes anyway... WAY TO GO HUMAN RACE!

Another example is how kids in America get Lyme disease. It is a frightening thing, children developed arthritis in their knees, sensations of hot and cold feet, and later cognitive problems, memory loss, sometimes inability to recognize their own loved ones. These problems could be stopped, but not reversed, through antibiotics. It was learned that the strange constellation of symptoms was due to a parasite which infects deer. The deer in New England (in the places where I come from, the same places as the Marsh die-back is happening) have trails which go in amongst the car parks and farms now, and it is my unsupported belief that the parasites have taken over just because the trails have become like mini-motorways for the deer. One place where I lived had a little sign by a road

saying 'caution, deer crossing.' The same sign is there, although the road (route 95) is now something like 8 lanes in both directions, so the concept of deer actually crossing the road doesn't make sense anymore.

Now, usually when people use the word 'disease,' they are referring to an illness affecting just one species. Here is an example: people put up a screen to prevent themselves being bitten by mosquitos. Then you see a mosquito perhaps attracted by the people within, spending its whole life battering against the screen. I wonder if disease processes can be understood to transcend species barriers in more general ways than literally mutating themselves. That is, if we don't be dumb Americans trying to blame a 'pathogen,' can disease be understood in a more general way?

In analyzing human cognitive disease, there is current debate about the DSM. Some people say the most recent DSM 5 is defective as it gives people four or five diagnoses of what should be one underlying neurological problem. I see the opposite difficulty that many diagnoses are exclusive, certain symptoms of ill-health imply that a person does NOT have another particular disease. To me the application of DSM would be like police finding an injured body on the sidewalk, and even if it is a person who has fallen from a balcony, abandoning them if there is alcohol on their breath. Because the "diagnosis" is that the person is merely drunk.

To me it seems ridiculous that a disease must have a single cause. Surely in statistics one runs into difficulty explaining what one is thinking, if a person understands statistics in a limited cause-effect way. But in understanding the resilience of nature, might it not be relevant, the notion that nature is diseased already and lacks resilience, if such a concept could make sense?

Now, other strategies for diagnosing cognitive problems in humans -- some were eventually discredited, as they concerned attempts to understand the 'lead cycle' whereby poverty leads to lack of proper redecoration, and poor redecoration in turn leads to children eating chips of leaded paint.

-- but if we can ignore the stupidity of the concept of the lead cycle, one interesting thing which was done was to merely place a child on a floor and graph the path of motion of the child, and to attempt to detect pathology. Those children who wildly moved about, or who sat nearly immobile, would be more likely to need investigation.

My question is, can there be a characterisation of disease which firstly is not limited to afflictions affecting a single species, secondly which isn't just 'caused' by a pathogen, and thirdly which has a completely statistical definition, rather than a political definition.

I am thinking, for example, that one could watch mosquitos battering against a screen, and say, somehow, intrinsically, one sees a disease process. Similar to how retarded children were identified, if they merely battered their head against a wall for a number of hours without stopping or changing the behaviour. That is, if there could be a completely neutral way of identifying somehow meaningless variation -- in the way a natural rainfall could be distinguished from rain coursing through pipes beneath the ground -- in the way water coursing through pipes would be distinguishable from the micro structure

of natural rainfall -- then one might be able to objectively see mosquitos battering against the screen and say "we identify a disease process here."

Now, I believe that the problem of the author of the Shakespeare book referring to streams and woods as being 'empty' countryside, is not just some isolated thing. That human cognition itself is something that has almost no variation. That is, it is clear from an evolutionary biology perspective, that human cognition cannot encompass natural phenomena to the point of being able to faithfully recreate them from one cognitive model -- we all know that well, although non-mathematicians may not.

Thus, any human activity which is far from nature, such as a construction of water through pipes, will lack a characteristic variation, an underlying variation which was there since the creation of life itself. And it may be the case that detecting disease may be no different than detecting human activity. A comic that kids on Reddit like is one where the earth has a face, and is talking to the moon. The moon, concerned, asks if he's been back from the doctor. The earth says, "Yes, I learned the diagnosis. I have humans!" In a second frame, the moon looks with horror as the little Apollo spacecraft approaches like a mosquito.

Yet, even those American students who claim to care about the environment seem to me no different than the English neighbours who clear and pave every last little bit of wilderness nature right in their own gardens. One writes of her favourite memory, going to the 'lake house,' and she liked it because there were activities like 'canoeING, fishING,' and there was a fire pit; her favourite memory of all is when a snake came out of the fire pit and her dad killed it. There is an objectivication of natural surroundings.

Just as the author of the Shakespeare book calls nature 'empty,' when English people talk about what they want on their holidays, they talk about going to nature where there is 'peace and quiet,' where there is 'nothing.'

I couldn't think that I have a unique perspective if I think that nature is exciting, that it is 'something' rather than 'nothing.' The English who settled America, going from the East coast to the West coast, talked with great excitement and drama about the things they needed to do, to 'forge' rivers, encounters with animals. Some of what I write doesn't make sense I guess. I just don't understand why it is that nature seems exciting to people, then when they have been interacting with it for a while, it becomes somehow simpler, lacks variation, and the things which they saw as exciting seem to them enhanced. I just don't understand any of that.

Getting back to the maths, if one had a way of identifying a disease process by seeing mosquitos bashing their heads against a screen, then one might only later begin to understand how the disease process transfers from one species to another. One might say, well, these people are afraid of the malaria parasite. Now, the government's chief scientific advisor Walport recommended that supporting the pesticide ban would not help restore bees. He wrote as a doctor writes, when a patient wants to suddenly stop taking all his medication. He seemed to misunderstand that pesticide use can have unintentional side-effects! He was like a doctor who is dogmatic about his treatment strategies, not understanding the whole picture. And yet he wrote eloquently in one sentence about nature too.

"...human and animal health depends on effective agriculture. The control of malaria, dengue and other important diseases also depends on the control of insect vectors. Equally we must remember that human and animal health depends on the rich ecosystem of our planet."

Maybe he is like me, wanting people not to solve the problem with bees just by sowing wildflower seeds. If we consider Walport's words, he refers to the 'rich' ecosystem, and also mentions 'malaria, dengue, and other important diseases,' and he mentions as Valerie did, the notion of 'control.' Now, with Lyme disease, I saw that disease starting to take hold, and I really think that just because I lived there, I see it as part of a general weakening, even collapse, of the woodland ecosystem there. To me, many things look like when you see an urban pigeon, with a thin crust over the eye, with missing toes, dirty and uncoordinated, eating bread which kind-hearted people throw at it. It has no shortage of food, no shortage of human kindness and care. But you see in many ways a disease process.

With human disease, doctors sometimes take a view that things like heart disease, diabetes, and cancer, could have been completely prevented in the first place. There was no cancer in hunter-gatherer times. Heart disease is caused by our diet, lifestyle, as is diabetes type 2.

Sometimes statistical techniques are used to try to identify lifestyle elements that may lead to particular diseases. Of course, they are nearly always wrong, nearly always based on incorrect use of linear regression or 'structural equation modelling' or other nonsense. They say, people who need a lot of extra sleep do not have long to live. So then, shorten your hours of sleep so that you can have a long life!

Thinking about the micro-structure of rainfall, how it was nice to include that in a rainfall model -- though not nice to make a rainfall model instead of respecting the rainfall which exists in nature, it does remind me that statistics may have ways of describing the lack of variation that people intuitively think of when they say that there is almost no more biodiversity.

If one could make the connection all the way, if one could find that malaria has not existed in early pre-history, but it is a lack of variation shows the pattern of the imprint of human cognition, then to me this would be a fulfilling realization. If it were true that Lyme disease is now endemic in deer, and also therefore affects children, for the reason which I said, that the habitat is being changed, processed, to reflect a lack of variation intrinsic to human cognition, and if it were true that also malaria, and also other diseases, could be seen as existing not in one species, but across species, not carried by pathogen vectors, but somehow by a propagation of 'lack of variation,' and if the source of that lack of variation could be identified somehow--- that is, if the influence in nature of human action could be defined, identified, described, in a way that is honest and statistical rather than political, then it might clarify the definition of disease. We might understand ways that our existing definition of disease is self-contradictory or political.

John

Re: Reply to Xinyu
Subject: Re: Reply to Xinyu
From: john
Date: 11/05/2013 15:13
To: "He, Xinyu" <xxxxX@warwick.ac.uk>
CC: vxxxx@ucl.ac.uk, Thomas <txxxx@warwick.ac.uk>

PS

Here is a quote (out of context) from Frank Livingstone's 1958 article about the sickle cell gene:

"There is other evidence that *A. gambiae* has spread rather recently through the West African tropical rain forest. In the area around the Firestone Plantation in Liberia, shortly after the forest had been cut down, Barber, Rice, and Brown (1932) found that *A. gambiae* accounted for 46 percent of the mosquito population found in the native huts, while *A. funestus* accounted for 51 percent, and *A. nili* for 3 percent. However, at the present time in this same area, *A. gambiae* accounts for almost 100 percent of the mosquito population (Max J. Miller, personal communication). Barber, Rice, and Brown (1932) found holoendemic malaria, which is not present today; however, this change is due to malaria control and not to changes in the mosquito population."

"These figures thus indicate a significant increase in *A. gambiae* when the forest is cut down. Even more significant are Barber, Rice, and Brown's comments on the effects of reforestation on the mosquito population. They state (1933:629):"

"We felt that it would be interesting to know what would be the condition of things when the rubber trees had grown and the unplanted ravines and swamps had become "rejunglized." We surveyed Mt. Barclay Plantation where the stream borders have grown up with brush or long grass. After a long search in the streams we found only two or three larvae, *A. mauritanicus* and *A. obscurus*. In a pool near a village *A. costalis* was plentiful. It can thus be seen that *A. gambiae* (the authors call the species *A. costalis*) was not present in natural water but only near a village."

The authors also discuss "rejunglization" as a means of malaria control, but state that it would not be feasible

Subject: Re: Reply to Xinyu

From: john

Date: 13/05/2013 06:47

To: "He, Xinyu" <xxxxX@warwick.ac.uk>

CC: vxxxx@ucl.ac.uk, Thomas <txxxx@warwick.ac.uk>

Now, I should go back to Thomas' point, he said that what is causing the extinction of bees may relate to the the physical positions of bees.

If we imagined now spray painting bees different colours more or less randomly, so that the bees in southern Maine would be yellow, say, and the bees in Massachusetts more green, and so-on.

Then over time we would see the mixing of colours, as the new queen bees occasionally fly to a new place.

Jack C said (unbelievably!) that the bee brain has only nine neurons, but that bees think collaboratively. They somehow share knowledge. And maybe they gain a lot of geographical knowledge, and the actual migration may be important.

Thomas said the current near extinction could relate to the bees being transported and colonies artificially made.

Surely the geography must matter a lot, I don't know about actual bee migration, sexual selection, etc. One of the things Thomas mentioned was disease spread among bees.

How do bees choose their mates? A comedian said that he had heard that when bees pollinate flowers they incorrectly believe that they are mating with other bees, because flowers copy things about bees. He ridiculed birdsong too.

But I know that none of this is taking place. And that we'll never understand it well. But just working roughly, thinking about what Thomas said, if we spray painted bees, just walking around, maybe spray-painting bees on the southern maine coast a shade of yellow, etc, and then waited, we would find the colours mixed later.

That mixing, it would be different than anything in nature. But is there any way to distinguish an 'intelligent' brownian motion from an 'unintelligent' brownian motion?

If I look at the organization of mouse cells, then put the mouse in the blender, say, or else use nuts and bolts and screws to attach things to the mouse, is there any way statistics can tell us that a blenderized mouse is not a mouse, or that a robot mouse is not a mouse?

A mouse has colonies of parasites always, it is difficult because a dying, infected mouse resembles a healthy ecosystem for the parasites.

Re: Reply to Xinyu

Subject: Re: Reply to Xinyu

From: john

Date: 20/05/2013 02:49

To: "He, Xinyu" <xxxxX@warwick.ac.uk>

CC: vxxxx@ucl.ac.uk, Thomas <txxxx@warwick.ac.uk>

A couple of other comments, Xinyu, one is about the Euler equations. That Euler had proposed a model (Euclidean space, can a smooth volume preserving flow just go according to inertia assuming constant density).

It is as though we could write a letter to Prof. Euler some years later and say, 'We thought about your model, and after a certain time it produces undefined velocity vectors.' In other words that it crashes, or if one believed it, in some cases predicts things outside the model, like finiteness of time, infinitely intense storms, etc etc.

There was more elegance in Valerie's model than what I mentioned. I think the three variables were two space and one time, in which the ellipsoids were occurring. Thomas understood it better than I did.

It is interesting, though, to imagine explaining it to a layman using that model. He would say, 'How can it model rainfall, when nothing is falling?' The z axis was time, not actual height, nothing was falling.

There was an attempt to make an ideal model, as Euler had done, by focusing on what we want to look at, making it more mathematical. I liked the definition of a Markov process. Again, a layman would say, there is a cycle where fallen water evaporates to make rain. It was interesting to say, no, no, nothing that happened in the past is taken into account here. It is perfectly fine, same as Euler's model.

A layman would say, 'Nothing from the past matters, and rain doesn't actually fall down from the sky, in your rainfall model?' We mathematicians are rightly very OK with that. We mathematicians are very OK that people don't advertise a model by putting in fake things.

Two things I said were probably wrong. I think I was mixing up two conversations when I recalled Jack C saying that the bee brain has only nine neurons.

And when I said, 'is there a difference between intelligent Brownian motion and unintelligent Brownian motion,' I probably was thinking already of Valerie's definition of a Markov process, I was thinking already that this is all that I would have meant by 'unintelligent Brownian motion'

If I understand Valerie's definition correctly, the Markov condition is a finite-dimensionality condition. Any continuous function of bounded support has a Fourier series, this could be viewed as occurring 'now,' and any Stochastic process is Markov if you just decree that all that data is 'now.' If you are allowed an infinite sequence of variables. In that case saying that 'unintelligent' means Markov is the same as saying that 'unintelligent' means finite dimensional.

About people not listening to us, it may relate to how people listen to powerpoint etc. Things like statistical distributions could be shown to lay people. Instead of always teaching kids about pie graphs

(we get this much pie, the other guy gets that much pie etc) we could show them distributions (look how this distribution has collapsed, how could this have happened). I think Caroline Series and John Baez both made that point in the meeting that Xinyu co-organized. John

on being intentionally rude in academics**Subject:** on being intentionally rude in academics**From:** john**Date:** 27/05/2013 19:34**To:** Sparrow

One thing I haven't mentioned, when, in one of our first meetings, in a hallway, after you'd observed me teaching Foundations, and showing them how to use prime factorization to play scrabble -- when you seemed upset and I said then that I had had an adversarial relationship with one of the Psychiatrists at Saint Andrews....

I haven't ever mentioned to you that, while I knew him, my relationship with Dr. Jukes never seemed adversarial to me.

It was only years later, when I obtained the hospital records, that I understood that he had written all his reports in an extremely adversarial way. None of those documents were for my eyes.

The worst example was the discharge summary, headed 'Presenting diagnosis: hypomania,' which said that I am delusional, but am of the stubborn belief that I'd experienced interferon-induced hypomania upon admission to hospital. It said I had experienced a severe psychotic episode, to that effect.

Then I realized that when I was trying to restart treatment, he'd sent a series of letters to the Personnel office, with copies to me, complaining of the extra charges due to the 'complications caused by John.' The last letter said he had finally written to the pharmaceutical company to learn that some patients had experienced mania or hypomania, but it was not known whether these symptoms were due to the medication as they tended to abate *as treatment continued*.

It had never occurred to me to bring this letter to the doctor who was considering restarting treatment, and eventually refused. My eventual conclusion, years later, was just some bitterness that this Psychiatrist had written exactly the words I would have needed my new doctor to hear, but he had written them only to the University personnel office, with a copy to me.

I now see -- if I'd been a bit savvy -- I could have brought the copy of the Personnel letter that he'd sent to me, to the doctor.

He was over-estimating me, thinking that I'd understand what use I was supposed to make of his kind efforts.

When I knew him, in our initial conversation, he had said things to make me understand that he's intelligent. Then he was quiet afterwards, just listening. The documents and reports made me unhappy to read, they would make anyone unhappy. He supported the position which the Psychiatric hospital had taken all along. Yet, he did so in an obviously extremely incompetent way. Now I see, in an attacking way. I would have been cured all that time ago if I'd had the sense to bring the letter which he sent me to the doctor. Instead, I didn't think about it until I saw all the apparently hateful things he'd written in my file, calling me an arch manipulator etc etc. And then I was bitter with the thought that if he'd only sent that letter to my doctor, instead of to me, I would have been cured, but he sent it to the wrong person.

I think, the fact I've been a pit bull and attacked 3 speakers (not all Maths speakers) is not because they were all Americans. It is that these were the three pretentious, a bit lying, speakers.

Like a magician who keeps hiding a rabbit under his coat, moving it under the hat etc, and trying to hide his actions from the audience.

My comments are like 'If you lifted your coat right now, would we all see the rabbit which you've hidden there? Would we all see that you've already taken it out of your hat?'

Then, no matter what they say, I defer, 'Yes, OK, yes, OK.' I leave it up to objective people to determine the truth of it.

I wonder if my rudeness is maybe a sign of bitterness, maybe a sign of not having been treated gently enough in all our discussions. That psychiatrist, he was just nice and friendly to me. All his actions were hidden from me. Whereas my neighbour, with less training in psychiatry, had seemed brutal. It probably is better for people to be honest.

I guess my emotional logic is, if people are brutally honest with me, but with a sort of deeper meaning of kindness, then I should at least start by being brutally honest with others, and maybe just wing the second part a bit.

The UK planning minister that population growth increases the 'sum of human happiness'

Subject: The UK planning minister that population growth increases the 'sum of human happiness'

From: john

Date: 28/05/2013 06:46

To: rxxxx@coventry.gov.uk, Sparrow

Quotes by Nick Boland, planning minister for the UK:

"The only way we will get to hang on to the services we want to have, the local hospital, the only way we'll get M&S back and get a John Lewis at some future point, is if the population ... grows."

"The sum of human happiness that is created by the houses that are being built is vastly greater than the economic, social and environmental value of [the nature that is being removed]."

guessing C's motivation as chairman**Subject:** guessing C's motivation as chairman**From:** john**Date:** 30/05/2013 12:12**To:** Sparrow

In my last email I was thinking about how, when I'd reported the 'adversarial' relationship with Dr. Jukes the Psychiatrist, it might have been what caused you to think you need to be adversarial.

But now I think that it is different.

In mtheory.pdf I said that the only hope is 'mitigating the damage in the short term' but doing so is worthwhile and fulfilling.

I had hoped to save my land only so that I could be there and not see beyond the nature there, all the ruination.

And when people had been amazingly cruel, things so complicated, I explained to my class that there is a little bit of wilderness land I was trying to save, but it is becoming impossible.

That all around there is building work and destruction, and people all incorrectly thinking that some big thing is going to happen.

I was going to include a million more details, but when I looked around, I saw they were all nodding. One of them started talking about Grothendieck. And I said, I am just so tired of this, I am too tired to teach you anything. And they got up and started teaching the class for me while I just sat there trying to recover.

I think, in some of my conversations with you, you had seen that one of my problems is that I would get attached to a situation, like a place I had lived, and then a change like moving house or a relationship ending would take me unexpected.

In one of our first conversations, you said at the time 'You have 12 years until you retire, what contribution do you want to make to the department?'

It seemed confrontational and adversarial, but one thing is that I had not been thinking of the day when all my abilities are gone, and I might have looked back and had regrets about not being able to explain things to people that I had thought were important for them to understand.

If that day had come, me then an old regretful man, it was that time in the future, that you were thinking about, I think.

Just like Juke's notion of a complete psychotic breakdown had been sent to personnel, with a copy to me only mentioning hypomania, and to the hospital proving it had been hypomania but accusing me of having had a psychotic delusion to the effect that interferon can cause hypomania and cure viral hepatitis -- that is, just as Jukes saw himself as running interference for me, without my knowledge, with a million lies and tendentious reports, a different one for each purpose (the one to Personnel so I couldn't be suspected of harrassing students as an educator, for example), I think that you looked ahead and wanted to run interference against the possibility of my life reaching its end without any of my goals having been found.

And one issue is that I had become some years ago very hopeless about having any goals for the future of the earth, I was very sure that life is doomed. It had degenerated to me just fighting for my comfort, fighting to retain the illusion of safety while knowing that it is an illusion.

I think that all my neighbours knew what I hoped for, knew that I hoped for a place where I could be surrounded by nature, even knowing that it is perishing everywhere else.

And I think that they all wanted to encourage me to attack the loss of nature itself, just directly. Like sort of a hero I guess.

About the 'retirement' debate, I have nothing to say to my colleagues about it because it comes down to the issue if the uni wants to take a bite of Dimitra's money.

She worked in a restaurant in Chicago something like 8 hours a day to pay for her college, and managed to support herself and her mom while a student, and ended up never stopping being a work-a-holic. My salary is negligible compared to what her work-a-holic-ism can do.

Someone like X, X, X, X, X, X could have my salary, and deserve it, and Dimitra could earn my keep and the keep of a couple of people who depend on me financially.

I have been writing a bit to X and might see him today or tomorrow. I think I was a bit negligent not to have gotten involved with him earlier.

One thing is if I announce I've decided to retire, I worry that each of those people may think I've done it exactly on their behalf uniquely.

It will be like one of those situations where people will be shy to look at me about it.

Re: guessing C's motivation as chairman

Subject: Re: guessing C's motivation as chairman

From: john

Date: 31/05/2013 15:28

To: Sparrow

OK then there is no reason not to do it. I have also thought about taking care of Dimitra and I have ways of being sure nothing goes wrong for her no matter what.

John

Dear John,

If you announce you are going to retire, nobody will avoid looking you in the eyes. Most people do not interpret actions of another as directed particularly at them, or particularly for their benefit or detriment, but understand that other people act for their own good reasons or because of their own necessities.

best wishes, Sparrow

FIRST EMAIL

from: Jxxxxx@warwick.ac.uk
 to: Mailing Group(s) 'ma-staff'
 date: Mon, Jun 3, 2013 at 12:21 PM
 subject: Money issues

1. John emails all staff, mentions that we all know that there is an issue about money, post-docs, employment vs scholarship, and invites people to talk about it.
2. John emails staff and says, foregoing future salary, and taking a small bite from pension, small bite from Dimitra, and doing some DIY work for Dimitra re renting out some rooms to students, means there is a bit more money to be shared among people currently not getting any or enough. That I am sort of neutral about it but Sparrow thinks it's an OK plan and I like most of the consequences, and will still be a full member of staff just like everyone else obviously.
3. As Sparrow may have a political plan, John emails staff pretending to be overwhelmed or distressed, saying I am retiring but with no explanation. The resulting protest overthrows the evil management empire that threatens all UK universities.
4. Same as 3, but John also includes hints to staff that there is an underlying reason, hints that people like Tim or Liz aren't just evil.
5. John allows the public interest disclosure bla6.txt to leak to staff, gaining adulation for his courage and insight, deferring the money decision until the clamour has settled.
6. John sends a cc of the last few recent emails to Sparrow, with names replaced by blanks, so the staff see the exact issues I'm looking at re my own possible retirement, and the ambiguity of some of the decisions involved. Instead of bla6.txt which was meant to be a public document, they see my private feelings about wanting to help out research fellows or people without appointments here, and not wanting to just do it by either you or Dimitra ripping anyone off.
7. John decides that Sparrow has some political plan, which requires some involvement of the other staff. A lot of hard work of many people was invested in this plan. If John just makes a random announcement or leaks bla6.txt it may be fulfilling momentarily, but then all the hard work of the many people would be wasted, including written reports by Liz, Dr. Sorrell, and others, and all the many meetings. I do not understand the actual purpose of all the reports and meetings and by making the wrong announcement could waste people's hard work that was just about to accomplish things I myself want. Therefore John has to decide whether Sparrow saying something like "I recommend you email all staff and say that you've decided to retire from your job" was meant to be something I need to know needs to take place as the next step of the plan I want to happen, or whether the issue is my responding in some way on my own, which involves understanding the politics (an impossibility by the way).
8. John attempts to explain to the staff the work of Liz, Dr. Sorrell, and others to fill them in on what has been taking place, based on observations of the various meetings. Staff are brought in as peers of me to think about what is a good response or next step.

9., 10., 11., omitted, I wrote 1 - 8 in like 30 seconds without thinking as the point is there is a list of essentially indistinguishable possibilities.

There is also the issue of raising the possibility of a 'rescue plan' just for my money, and issues of corruption there. For example the type of abusive relationship where someone says 'We hate you,' and then says 'no we don't here's a cookie.'

John

John,

If you think about it, other people retire without making a formal announcement to all staff. They tell some people privately that they will retire, and then allow me to announce it to the staff meeting or to mastaff without any details or fuss. It is thought of as a private decision and no details or explanation are expected. This is what I strongly recommend in your case.

I do not believe that circulating information about meetings and doctors and speculating on the morality of anyone's actions will have consequences for anyone except for you. If you are concerned about people not wanting to look you in the eye, then perhaps disclosing too much personal information is not something you want to do, especially not to people who you do not know and who do not know you. Previous experience is that people who do not know you can find your emails somewhat confusing and disturbing, and I think that you would want to avoid that. What you tell friends and close colleagues is of course up to you.

best wishes,

Sparrow

SECOND EMAIL

from: Jxxxx@warwick.ac.uk
 to: Mailing Group(s) 'ma-staff'
 date: Wed, Jun 5, 2013 at 5:21 PM

to Peter, ****, Sparrow
 Hi Peter, Sparrow and ****,

I hope that this write-up suffices to release the funds to the Uni from EPSRC.

Peter and I had what I'd call a spark of recognition about what was necessary for one aspect of his project, we plan to meet again but I may be too busy with other stuff next week or so, and yet I am very happy to help if there is any snag coding this up or getting it running.

I guess, Peter, it is too abstract for there to be any copyright issues, can't copyright truth and beauty etc.

Let's sign off on this and release the money to the uni, got to sign off now as Dimitra's hassling me to find a dentist, something about a toothache that I haven't been paying attn to. I guess the most minor things can get better of people sometimes. Sparrow, sorry to go on about personal stuff too about her, she did not give me perm' to write about stuff she says/thinks/is doing. Though she probably somehow deserves credit for things, who knows,
 John

(The code is actually going to work too whcih is a plus)

Sparrow
 5/31/11

to me
 John,

I wonder which part of "please do not send more emails without consulting with me and/or Nav" you do not understand?

john
 5/31/11

to Sparrow
 Hi,

Oh, really sorry. That was really the last one. It only went to you, **** and Peter, but I do understand that it could cause problems, I won't write to 'cancel' it but will leave it up to you.

Sorry again about that.

It was not att'd to the email, and as I promised I'll take it offline in an hour or two.

On another topic, I've noticed some interesting talk titles which I haven't always had time to go to.

The 'rigid geometry' talks though have been really good. It almost seems that people such as Cremona, for instance, are purposely trying to make sense of some area in-between me specifically and the things that they do,

Anyway I am really sorry for that email to you & Peter & ****.

In fact I'll take it offline in a few minutes.

Another comments is, the title on that video was 'dumb and dumber' but that was a misspelling -- that is the title of a different movie, the actual video was from Dumb and Dumberer.

That was a loss-making movie that the Farrelly brothers made, after their success with Dumb and Dumber.

It got bad reviews, and a lot of people didn't know, why did they make such a bad movie after the success of D&D?

Sorry again,

John

john
5/31/11

to Sparrow

I have taken the rep't offline, and the only evidence of it is that brief email referring to it.

Sorry again,

John

THIRD EMAIL

from: Jxxxxx@warwick.ac.uk
to: Mailing Group(s) 'ma-staff'
date: Wed, Jun 5, 2013 at 8:03 PM

I am sorry, there will be no more unsolicited emails from me.

The email which I sent is merely personal and shows my friend giving welcome ethical guidance. We envisioned each other as the two characters in the sincerely humanist movie Dumb and Dumberer.

I worried that it may seem that the unethical activities of EPSRC had been anything serious, it was just a very little thing, and not requiring much technical ability, engineering which any of us could have done. I somehow just wanted to show the reln'ship with my friend.

My public interest disclosure is about things that are not specific to Warwick or EPSRC, they apply to all universities.

This will be my last email to this group.

FOURTH EMAIL

from: Jxxxx@warwick.ac.uk
To: Mailing Group(s) 'ma-staff'
date: Wed, Jun 5, 2013 at 8:21 PM

This will be my last email to this group.

(I mean, because I don't want to keep annoying everyone, only)

FIFTH EMAIL

from: Jxxxxx@warwick.ac.uk
To: Mailing Group(s) 'ma-staff'
date: Thu, Jun 6, 2013 at 11:21 AM

I have to explain why it did not worry me to include the christian names of the recipients of the email.

The EPSRC had a very well-intentioned scheme, it was for students, to help them get through their studies of Maths.

The income for this came from private sources, and EPSRC did not know anything about the sources. They only knew whether a report had been received or not.

The relevant student had been matched because of an interest in differential equations, and partway through he had dropped the project.

I stepped in on his behalf a bit, no one asked me to, and I personally decided to complete the project.

No one besides me or the student knew what it was about, and the sponsor.

Moreover, it was about something fine, something harmless.

SIXTH EMAIL

from: Jxxxxx@warwick.ac.uk
to: Mailing Group(s) 'ma-staff'
date: Thu, Jun 6, 2013 at 12:33 PM

I really have to clarify, the guy at EPSRC that I was talking to, was the nicest person in the world, he got involved because

'Oh no, one of our little apprentices never got paid? How can I help?'

I knew the admin assistant at the sponsor would go online and download the report, and everything would be OK.

I actually do claim to understand a little where the problem is, it is not here, and I honestly will never write to this group again.

I had included the names of some of the nicest people in the world in the email, and it sounded ominous, there was nothing ominous here.

Re: Money issues
Subject: Re: Money issues
From: Robert
Date: 03/06/2013 21:33
To: <Jxxxxx@warwick.ac.uk>

Dear John,
Would you like a chat? I'm pretty tied up tomorrow and Wednesday but could do Thursday morning.
Best wishes, Robert

Re: Money issues
Subject: Re: Money issues
From: john
Date: 06/06/2013 04:54
To: Robert

Hi Robert,

Part of my disclosure is merely an un-acknowledged reference to your global warming seminar:

"Bernoulli said that utility is expected log wealth, because when a person can't have any more wealth he is infinitely unhappy. Economists apply a discount factor so the integral does not converge to $-\infty$ "

I think that the second sentence quotes you w/o reference.

I understand the contradiction between my agreeing that there is no need to change the allowed 'visitor status' such that anyone visiting can put it on their CV that they are permanent academic staff, while at the same time insisting that this is a simplification of what I actually do want to happen.

In my mind I was thinking of people like ...I will not give names, but people who see themselves as career mathematicians.

It would be disappointing, I think you are saying, if people found ways of formulating 'seeing themselves as career mathematicians' just long enough to get a permanent appointment, and then using that only as a distinction on their CV while they swan off elsewhere.

That is, if there is a rule that anyone here for 6 months becomes an associate professor of mathematics, people would be sure to be here only for those 6 months.

It is also awful the way it is now, 'anyone who solves one of H****'s problems about ***** gets to be an associate professor' or whatever the rule is.

When I was sitting in the common room, waiting for you to arrive, I had thoughts of times of the willow pattern teacups we used to have and the formalized interview panels.

Was that nothing but an expression of privilege?

It is my guess that among the quiet Chinese, Japanese, Korean mathematicians already in England are some much much more deserving of positions at Warwick than any of our pure staff, even according to our selection criteria, if not for their unfamiliarity with such cultural rituals of ours.

John

Psychiatric Report from Dr. Zaghloul**Subject:** Psychiatric Report from Dr. Zaghloul**From:** "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxx@covwarkpt.nhs.uk>**Date:** 06/06/2013 12:15**To:** "jxxxx@gmail.com" <jxxxx@gmail.com>**CC:** "Ayman (RYG) C&W PARTNERSHIP TRUST" <Axxxx@covwarkpt.nhs.uk>

Dear Professor Moody

Attached is the report that has been requested from Dr. Zaghloul on terms of early retirement on ill health grounds.

Could you please review the report and please share it with Dimitra if you think it is appropriate. Please can you get back to me no later than tomorrow as Warwick University are chasing us.

Thank you.

Kalli

Kalli

Medical Secretary to Ayman Zaghloul

Consultant Psychiatrist

'024 7647 2984

6 024 7646 5230

This email has been scanned for viruses, however we are unable to accept responsibility for any damage caused by the contents. The opinions expressed in this email represent the views of the sender, not that of the Arden Commissioning Support Unit, Coventry & Rugby CCG or Coventry & Warwickshire Partnership Trust unless explicitly stated. If you have received this email in error please notify the sender. The information contained in this email may be subject to public disclosure under the NHS Code of Openness or the Freedom of Information Act 2000. Unless the information is legally exempt from disclosure, the confidentiality of this e-mail and your reply cannot be guaranteed

Sent from:
 South Sector
 Tile Hill Primary Care Centre
 Jardine Crescent
 Coventry
 CV4 9PN

Tel: 024 7647 2984
Fax: 024 7646 5230

Our Ref: AZ/KR

4th June 2013

Private and Confidential

Dr P M Whidborne
 Broomfield Park Medical Centre
 Spon End
 Coventry
 CV1 3HQ

Dear Dr Whidborne

Re: john DOB: 27/06/1955
12 Armorial Road, Stivichall, Coventry, CV3 6GJ
NHS Number: 6245666104

I saw Mr Moody at the Caludon Centre Outpatient Clinic on the 18th March 2013 after he was re-referred to me by his General Practitioner Dr Whidborne. Mr Moody was under my psychiatric care in 2008 and I discharged him back to the care of his GP in November of 2008. Dr Whidborne stated in his re-referral letter to me in January 2013 that since I discharged Mr Moody back with a diagnosis of Aspergers Syndrome in 2008 that he has struggled at work due to his decline in Social Functioning to the extent that he has now no duties within the Mathematics Department and that steps are being arranged for him to retire early on grounds of partial incapacity. Dr Whidborne also stated that Mr Moody has been unable to submit any research the lectures he was undertaking were not attended by students and that he became involved in divulging inappropriate personal information to students.

Dr Whidborne also stated that Mr Moody continues to have obsessions regarding various things; quite often it is difficult for him to talk about the issues at hand and he seems to go off on a tangent and explains things at a great length giving details of irrelevant facts. It was also the view of Mr Moody s wife that her husband s situation has deteriorated since 2008.

Mr Moody s wife in a letter to Dr Whidborne also expressed her concerns about her husband s deterioration since 2008 and has noted her concerns as:-

- 1) Understanding the boundaries between what is to remain private and what to become public (examples of this behaviour are the numerous, long correspondence containing personal thoughts and information between colleagues and other professionals within but also outside the University, and also sending emails to personal friends of mine with quite upsetting contents).
- 2) Understanding intentionally even when it is expressed in a direct manner: he reads and interprets situations in ways that are at a very different plane from how others see them. This is becoming a significant concern because even a simple social interaction is

interpreted by John in the most peculiar way, causing constant misunderstandings (within and outside the family and at his work setting). He constantly attributes meanings to situations that are not there.

- 3) John's judgement is poor in his interactions with his university students; he does not maintain a professional distance and tends to talk about problems and about his inner thoughts with them, causing situations that may compromise his students academic life because they do not receive sound advice on matters that should be more important. Miscommunications also take place with his colleagues. When the Head of his department raised issues with regard to his performance (especially his lack of publications), John understood that as my Head does not want me to publish in the commercial journals because it would compromise my integrity.
- 4) John's judgement is poor with regard to handling financial situations. Again, this has been more pronounced the last years where he gets cash out of his account (it has happened twice) and gives it to people as a means of a transaction that he can justify (and which is entirely inappropriate).
- 5) He is vulnerable in that some people have taken advantage of his naivete (e.g. this was the reason his land was locked in the first case with the neighbours advising John to make certain moves and for them to landlock him for future financial exploitation).

I met with Mr Moody and his wife Dimitra at the Caludon Centre Outpatient Clinic on 18th March 2013 to discuss Dr Whidborne's concerns as well as Mr Moody's wife's concerns. It became apparent that Mr Moody has been gradually unable to fulfil his duties as a Mathematics Professor at Warwick University which include research, teaching, advising students and administrative work. I understand that given the deterioration in Mr Moody's performance at the department that the Head of the Mathematics department Professor Sparrow Sorrell has gradually revised most of Mr Moody's duties. During the consultation it was also evident that Mr Moody was unable to fulfil his role as a result of his Asperger's Syndrome.

Mr Moody's wife reiterated her concerns about her husband's deterioration in his functioning and her husband's inability to differentiate between his personal life and professional life by writing numerous inappropriate emails to his students.

Mr Moody's wife stated that retirement on ill health grounds was being considered. Mr Moody did not appear to have any insight into the inappropriateness of his opinions and actions which can be obsessive and rigid and are typical features of Asperger's Syndrome.

Mr Moody stated that he did not have any preference in terms of early retirement on ill health grounds and that he could look at joining the Mathematics Community at Warwick University.

Regarding my previous contact with Mr Moody in 2008. When I saw Mr Moody he had been under the care of Consultant Psychiatrist colleague Dr Marzanski until March 2005 with a previous diagnosis of Asperger's Syndrome and treatment for Hepatitis C.

I first assessed Mr Moody on 9th May 2008 and again on 4th June 2008 when he was accompanied by his wife, Dimitra. After our first meeting Mr Moody forwarded me and wrote to me numerous emails detailing his background history and the traumatic experiences that he has encountered.

Mr Moody who is an Associate Professor of Mathematics at Warwick University had lost access to a piece of land that he owned in Canley and this had been stressful and traumatic for him. He also lost a court case relating to this land and this had complicated the situation.

His wife was supportive, however, was concerned that her husband had been stressed and anxious and she also believed that he was displaying some delusional beliefs.

Mr Moody presented with a history of intravenous drug misuse which has led to Hepatitis C viral fatigue. He received treatment with Interferon in 1996 which was discontinued in 1997 as he suffered from a hypomanic episode which resulted in him being admitted to St Andrews Hospital. Interferon treatment was re-started in 2003 and the course finished in 2004.

Mr Moody lost access to a piece of land that he owned in March 2007 and lost a court case relating to this in February 2008. He filed an Appeal with the European Court of Human Rights in May 2008. Following his loss he has written letters and emails to solicitors, MPs and other individuals involved regarding his predicament.

Mr Moody's wife had noticed an overall decline in his mental health over the two weeks prior to his assessment. His thinking had become more bizarre and she gave an example of him interpreting a DVD made by the owners of the road being submitted to court and he read into it as sexual harassment. He also went to the Maths Department at the University of Warwick and thought that a group of girls were flirting with him. Mr Moody's wife has also felt that her husband had been making a number of connections between unrelated thoughts. She was of the opinion that her husband displayed elements of Asperger's Syndrome such as being aloof, misreading people and not being responsive to his children Pavlos and Victor.

Mr Moody's wife also stated that a few months prior to the initial consultation he was warned by the police not to contact the owners of the road and that the police had seen him three times and he was arrested once and cautioned.

Mr Moody's wife also had documented her concerns in an e-mail dated 25th May 2008. She stated that she has known John since 1999 and that recently it has been quite difficult for her to cope with his behaviour. She stated that since the problem regarding his land locked property started, he has embarked on an obsessive quest to free it by sending hundreds of emails to various professionals and the road owners. He has virtually spent the last two years of his life writing emails despite repeated advice from his solicitors to stop intervening. She also felt that this was not the only obsession that he has had over the years she has known him. After he was treated for Hepatitis C he embarked on a quest to sue St Andrews Mental Health Hospital as he believes he was unjustly sectioned after displaying bizarre behaviour.

She also stated that when her husband was not writing emails to people regarding his land he spent hours on the internet following the US presidential election and that his work at the University had suffered as a consequence of this. She was also concerned about his capacity to keep his job in the future.

Mr Moody's wife also felt that Mr Moody was making bizarre connections between situations, events and ideas that clearly did not exist. He also tended to misunderstand and misread intentions in social situations. She also felt that he could never deduce when or why a person is upset, angry or tired and he cannot predict outcomes or see the implications of his actions or where a sequence of steps can take him.

He also tended to blame what he perceives as lack of intelligence in others for his problems or for his unmet needs. She also felt that he cannot plan ahead or organise action within a time frame and does not display goal directed behaviour in terms of understanding steps that are required or the order in which they should be taken in the timeframe required to achieve the goal. He also found it difficult to see other people's point of view and that he was not aware of unspoken or implicit rules and at times he tended to offend people easily. He also tended to miss social subtleties in situations and also based these social interactions around his needs. She also felt that he was socially vulnerable and displayed limited flexibility in thinking specifically in terms of social interaction. He also tended to accept social contact from people but rarely initiated it and found it difficult to see the consequence of his actions and was unable to generalise and unable to learn from life lessons. Mr Moody's wife also felt that her husband's visual perception was fragmented, especially when he used to look for something in a cupboard and which he almost never found although it was there. She also felt that he showed capabilities in some areas such as Mathematics and the use of language although the communicative intent and conversation could be restricted. She also felt that her husband had severe vulnerabilities in areas such as social interactions, being able to take decisions about his job and finances as well as everyday behaviour.

Mr Moody's wife also felt that on a number of occasions Mr Moody has displayed delusional thinking and she was quite concerned at his incapacity to understand the impact of his actions on other people although she knew that it was not intentional. She felt that her husband suffered from Asperger's Syndrome and she was trying to support him as much as she could but was finding it stressful looking after the children and also coping with a demanding academic job.

During our interview on 4th June 2008 Mr Moody told me that he had e-mailed the Chairman of the Mathematics Department at Warwick University, Mr Sparrow about his land. He had been e-mailing him to explain his feelings but when I questioned him about C's involvement and why he had e-mailed him regarding the land locked land, Mr Moody found it difficult to give a reason.

He stated that when he was at Warwick University recently, he felt that people with strimmers were following him, a group of girls had flirted with him and other people had been involved in a practical joke against him. He also stated that whilst he was in the lecture talking about families he felt that families came in.

Mr Moody also talked about a transcript from the European Rights Court and the alterations that he felt had to be made. He stated that the Judge encouraged the respondents to be abusive to me and he felt that the transcript had been altered and that the case might now have to be heard in a different court.

Mr Moody also discussed with me a DVD which was used as evidence and which showed a man moving his hand and Mr Moody felt that this was in a sexual manner which indicated sexual harassment. He felt that there were sexual innuendos in the DVD.

During our initial consultation Mr Moody had been obsessed with losing his land and found it difficult to integrate a number of interpretations and he attributed this to the recent multiple traumatic events of him having lost his case. He also stated that he struggled to understand situations, feelings and pretence.

My view at the end of the consultation was that Mr Moody suffered from Asperger's Syndrome and that he met the diagnostic criteria for this condition and I suggested that he took a low dose of Risperidone (antipsychotic) 0.25 mg twice a day to help organise his thoughts. I reviewed Mr Moody at the clinic on the 12th November 2008 and as he had been stable I discharged him back to his GP.

In summary I am of the professional opinion that Mr Moody suffers from a neuro-developmental disorder, namely Asperger syndrome which is part of the group of autistic spectrum disorders and a chronic lifetime condition (Please refer to Appendix 1 at the end of the report - ICD-10, DSM IV, DSM V and Gillberg's criteria). Asperger syndrome patients differ from those suffering from autism in that their intellectual ability and syntactical approach are normal. Adults with Asperger syndrome present particularly with difficulties in the areas of communication, social relationships and interests and that the majority of people with Asperger syndrome tend to misperceive their circumstances. It is also important to note that patients

presenting with Asperger syndrome can be mistaken as suffering from psychosis given their obsessionality, communication difficulties and high arousal. Given that it is a neuro-developmental disorder it is not likely to improve in the future.

It is evident from Mr Moody's wife's account and Mr Moody's performance at his job over the last number of years that he is disabled by his Asperger's syndrome and that it affects almost all aspects of his functioning. I am of the opinion that the prognosis is not favourable and that he is unlikely to be able to function in his current role to the expected level in the future even with any workplace adjustments. I fully support his early retirement on ill health grounds.

Yours sincerely

Ayman Zaghoul
Consultant Psychiatrist

Appendix 1

Asperger syndrome definition from the International Classification of Diseases 10th Edition (ICD-10)

A disorder of uncertain nosological validity, characterized by the same kind of qualitative abnormalities of reciprocal social interaction that typify autism, together with a restricted, stereotyped repetitive repertoire of interests and activities. The disorder differs from autism primarily in that there is no general delay or retardation in language or cognitive development. Most individuals are of normal intelligence but it is common for them to be markedly clumsy; the condition occurs predominantly in boys (in a ratio of about eight boys to one girl). It seems highly likely that at least some cases represent mild varieties of autism, but it is uncertain whether or not that is so for all. There is a strong tendency for abnormalities to persist into adolescence and adult life and it seems that they represent individual characteristics that are not greatly affected by environmental influences. Psychotic episodes occasionally occur in early adult life.

Diagnostic guidelines

Diagnosis is based on the combination of a lack of any clinically significant general delay in language or cognitive development plus, as with autism, the presence of qualitative deficiencies in restricted, repetitive, stereotyped patterns of behaviour, interests, and activities.

There may or not be problems in communication similar to those associated with autism, but significant language retardation would rule out the diagnosis.

Diagnostic criteria for Asperger syndrome

(a) There is no clinically significant general delay in spoken or receptive language or cognitive development. Diagnosis requires that single words should have developed by 2 years of age or earlier and that communicative phrases be used by 3 years of age or earlier. Self-help skills, adaptive behaviour and curiosity about the environment during the first 3 years should be at a level consistent with normal intellectual development. However, motor milestones may be somewhat delayed and motor clumsiness is usual (although not a necessary diagnostic feature). Isolated special skills, often related to abnormal preoccupations, are common, but are not required for diagnosis.

(b) There are qualitative abnormalities in reciprocal social interaction (criteria as for autism).

(c) The individual exhibits an unusual intense, circumscribed interest of restricted, repetitive and stereotyped patterns of behaviour interests and activities (criteria as for autism; however, it would be less usual for these to include either motor mannerisms or preoccupations with part-objects or non-functional elements of play materials).

(d) The disorder is not attributable to other varieties of pervasive developmental disorder; simple schizophrenia schizotypal disorder; obsessive-compulsive disorder; anankastic personality disorder; reactive and disinhibited attachment disorders of childhood.

DSM-V Criteria for Diagnosis Autism Spectrum Disorder (including Asperger s Syndrome)

For a person to be diagnosed, they must meet criteria A, B, C, and D.

A. Persistent deficits in social communication and social interaction across contexts, not accounted for by general developmental delays, and manifest by all 3 of the following:

1. Deficits in social-emotional reciprocity; ranging from abnormal social approach and failure of normal back and forth conversation through reduced sharing of interests, emotions, and affect and response to total lack of initiation of social interaction,
2. Deficits in nonverbal communicative behaviors used for social interaction; ranging from poorly integrated-verbal and nonverbal communication, through abnormalities in eye contact and body-language, or deficits in understanding and use of nonverbal communication, to total lack of facial expression or gestures.
3. Deficits in developing and maintaining relationships, appropriate to developmental level (beyond those with caregivers); ranging from difficulties adjusting behavior to suit different

social contexts through difficulties in sharing imaginative play and in making friends to an apparent absence of interest in people

B. Restricted, repetitive patterns of behavior, interests, or activities as manifested by at least two of the following:

1. Stereotyped or repetitive speech, motor movements, or use of objects (such as simple motor stereotypies, echolalia, repetitive use of objects, or idiosyncratic phrases);
2. Excessive adherence to routines, ritualized patterns of verbal or nonverbal behavior, or excessive resistance to change; (such as motoric rituals, insistence on same route or food, repetitive questioning or extreme distress at small changes);
3. Highly restricted, fixated interests that are abnormal in intensity or focus (such as strong attachment to or preoccupation with unusual objects, excessively circumscribed or perseverative interests);
4. Hyper- or hypo-reactivity to sensory input or unusual interest in sensory aspects of environment (such as apparent indifference to pain/heat/cold, adverse response to specific sounds or textures, excessive smelling or touching of objects, fascination with lights or spinning objects); (emphasis mine)

C. Symptoms must be present in early childhood (but may not become fully manifest until social demands exceed limited capacities)

D. Symptoms together limit and impair everyday functioning.

DSM IV criteria for the diagnosis of Asperger disorder

A. Qualitative impairment in social interaction, as manifested by at least two of the following:

- (1) marked impairment in the use of multiple nonverbal behaviors such as eye-to-eye gaze, facial expression, body postures, and gestures to regulate social interaction
- (2) failure to develop peer relationships appropriate to developmental level
- (3) a lack of spontaneous seeking to share enjoyment, interests, or achievements with other people (e.g., by a lack of showing, bringing, or pointing out objects of interest to other people)
- (4) lack of social or emotional reciprocity

B. Restricted repetitive and stereotyped patterns of behavior, interests, and activities, as manifested

by at least one of the following:

- (1) an encompassing preoccupation with one or more stereotyped and restricted patterns of interest that is abnormal either in intensity or focus
- (2) apparently inflexible adherence to specific, nonfunctional routines or rituals
- (3) stereotyped and repetitive motor mannerisms (e.g., hand or finger flapping or twisting, or complex whole-body movements)
- (4) persistent preoccupation with parts of objects

(American Psychiatric Association, 1994:)

This disturbance must be clinically significant, but without clinically significant language delay or

delay in cognitive development or other skills

Characteristics of Asperger syndrome in adulthood (After Gillberg *et al*, 2001)

Childhood onset

Limited social relationships social isolation

Few/no sustained relationships; relationships that vary from too distant to too intense

Awkward interaction with peers

Unusual egocentricity, with little concern for others or awareness of their viewpoint; little empathy or sensitivity

Lack of awareness of social rules; social blunders

Problems in communication

An odd voice, monotonous, perhaps at an unusual volume

Talking at (rather than to) others, with little concern about their response

Superficially good language but too formal/stilted/pedantic; difficulty in catching any meaning other than the literal

Lack of non-verbal communicative behaviour: a wooden, impassive appearance with few gestures;

a poorly coordinated gaze that may avoid the other's eyes or look through them

An awkward or odd posture and body language

Absorbing and narrow interests

Obsessively pursued interests

Very circumscribed interests that contribute little to a wider life, e.g. collecting facts and figures of little practical or social value

Unusual routines or rituals; change is often upsetting

your ITS account suspended**Subject:** your ITS account suspended**From:** Sparrow**Date:** 06/06/2013 14:41**To:** john**CC:** "Liz" <Exxxx@warwick.ac.uk>, "Dimitra" <Dxxxx@warwick.ac.uk>

Dear John,

I have asked ITS to suspend your computer accounts, and I understand that they have done this. This is in response to you sending 6(?) mass emails to all of ma-staff on the University system, including several sent after you told everyone you would stop. The material you were circulating was not appropriate for mass circulation.

If you want to make further use of your ITS accounts or to access material there you will need to come and discuss this with me so that we can work out an appropriate level of access and whether or not it is possible to negotiate appropriate terms of use.

thanks, Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

Re: your ITS account suspended
Subject: Re: your ITS account suspended
From: john
Date: 06/06/2013 21:06
To: Sparrow

Hi sparrow,

My emails were back-peddalling to try to get out of trouble.
 Like someone falling all over themselves to escape from a situation,
 perhaps funny.

Maybe the frighteningness of it how the actual purchaser of my
 services was almost certainly the UK government indirectly and there
 were various degrees of manipulation to bring this about is valid.

Also sort of the modus operandi of saying to M****, well, you
 failed your review or whatever they would have said, what are we going
 to do, and he ends up making arrangements to get out of trouble.
 Reminds me of what was happening to me.

John

On Thu, Jun 6, 2013 at 2:41 PM, Sparrow

[<Cxxxx@warwick.ac.uk>](mailto:Cxxxx@warwick.ac.uk) wrote:

Dear John,

I have asked ITS to suspend your computer accounts, and I understand
 that they have done this. This is in response to you sending 6(?)
 mass emails to all of ma-staff on the University system, including
 several sent after you told everyone you would stop. The material
 you were circulating was not appropriate for mass circulation.
 If you want to make further use of your ITS accounts or to access
 material there you will need to come and discuss this with me so
 that we can work out an appropriate level of access and whether or
 not it is possible to negotiate appropriate terms of use.

thanks, Sparrow

Professor Sparrow
 Head of Department
 Mathematics Institute
 University of Warwick
 COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

Re: your ITS account suspended
Subject: Re: your ITS account suspended
From: Sparrow
Date: 06/06/2013 21:16
To: john

John - you are mistaken. In the end M**** reappeared and wrote the report and it was deemed satisfactory so everything was resolved to everyone's satisfaction. Are you ok with having your ITS account suspended, or do you want to come and discuss it with me?

thanks, Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:
cxxxx@warwick.ac.uk
Tel: (44)-24-7652-8312 (secretary)
Tel: (44)-24-7652-3450 (direct)

=====

Re: your ITS account suspended
Subject: Re: your ITS account suspended
From: john
Date: 06/06/2013 21:20
To: Sparrow

Hi sparrow,
I can come to see you anyway. Such as tomorrow.

That was indeed a purposeless stream of emails. It was not what I would have wanted to say at all.

Re: your ITS account suspended
Subject: Re: your ITS account suspended
From: Sparrow
Date: 06/06/2013 21:35
To: john

John - please come at 12.00 (Friday). Let me know if this is not convenient. thanks, Sparrow

=====

On Thu, 6 Jun 2013, john wrote:

Hi Sparrow,
I can come to see you anyway. Such as tomorrow.

That was indeed a purposeless stream of emails. It was not what I would have wanted to say at all.

Re: your ITS account suspended

Subject: Re: your ITS account suspended

From: john

Date: 06/06/2013 21:55

To: Sparrow

That is, **** suggested that the appropriate way to deal with the fact M had not done the work yet was a meeting by skype.

His question was to Peter, not to me.

Re: your ITS account suspended
Subject: Re: your ITS account suspended
From: Sparrow
Date: 06/06/2013 22:40
To: john

John - to clarify, you spoke to ****/Peter in summer 2011. In fact, as a result of those discussions, and despite your best efforts to be of assistance, nothing eventually happened.

In autumn 2011 M*** returned to Warwick. He did then write his report, which was a perfectly normal 2-3 page report about his work on some equation solving engineering software with Peter, when I requested that he do so. The report was apparently acceptable to **** and everything was settled. If I forgot to tell you this at the time, then I am sorry.

I have little idea what you and **** and Peter discussed in your skype call, except what you all separately told me about it at the time. But in the end, once M**** wrote his report some months later, it was that which mattered and which seemed to resolve things.

best wishes,

Sparrow

Re: your ITS account suspended**Subject:** Re: your ITS account suspended**From:** john**Date:** 07/06/2013 02:33**To:** Sparrow

Hi sparrow,

Actually, I now like what I wrote.

When I wrote that, I was actually very frightened and trying to cover up any sense of danger.

Each time I'd try to make things OK in one sense it would get frightening in another sense.

For instance, 'christian name' and 'nice people' was an intuitive attempt to reassure people, which went badly wrong.

My saying that EPSRC could not have known what was in the report was to get EPSRC out of trouble. (it would literally be bad if they knew).

Then, after saying, no one but me, the student and the sponsor knew anything about the new technology, I add more reassurance. It's fine. It's harmless.

Then noticing, wait a minute, if they really believe EPSRC didn't know what it was, this is nothing but my say-so.

Saying 'nicest people in the world' because EPSRC wanted to pay the student, fell flat because they really had manipulated me cruelly a bit, in a silly marketing sense. Moreover it was a kind of fake American niceness, a religious notion of niceness that is genuinely mine, but unreliable, making me again feel terrible that I have not got out of trouble. The fact I'd used 'Christian name' betrayed some inner non-mathematical attempt to make everything OK. The conjunction of 'Christian name' and 'nicest people in the world' was excruciating.

What this was, is only a mathematician trying to play politics and make everyone feel safe.

But the experience is like standing on a frozen lake at the moment the ice begins to melt, and the person is standing on one of many shrinking and disintegrating ice-floes, far from the shore.

One interesting thing is that after writing that last email, I received an email from Adam.

Adam's point was very very deeply insightful.

He said something like, now John, when Nav and Sparrow said don't write any more emails without checking with them, they probably knew what they are talking about, you'd better stop right now.

Also, with people blindly trying to meet EPSRC approval, to get their funding, there is the notion too that their values are being just given up.

Me trying not to hurt their funding by even mentioning the name of the program director, is also hilarious.

Me trying to talk rationally about EPSRC policy, knowing I could be taking away the funding of all the little apprentices, was excruciating for me. If these kids depend on it, to hurt their chances is a political mistake, tantamount to child abuse.

Yet, that was the manipulation of thought which they genuinely used to have me miss important seminars. That fear of hurting young people's chances is why EPSRC values are unassailable.

And the do have values. By accepting a paymaster, we have been swallowing values. And then we attempt to distort out thinking to maintain our integrity, by a political sort of transformation.

It is a well-intentioned transformation, and it needs to be used whenever talking about funding policy in England.

I'm incapable of doing that, and so basically what happens when I try is the sort of deer-in-the-headlights panic.

I wanted to talk about potential for environmental damage, but I think that was made was broad enough to cover that.

Sparrow, it was me saying, look, I'm really sorry that I got frightened by all this potential for abuse of this system, but look, there is no REAL possibility of abuse. Or, rather, there is a possibility, only, but there is nothing actually going wrong in the world, such as people inventing harmful things without scrutiny, such as people being cruel.

Trust me to scrutinize the safety of my own invention.

Trust me to act with kindness when the economic system is in blindness.

John

Re: your ITS account suspended

Subject: Re: your ITS account suspended

From: john

Date: 07/06/2013 02:43

To: Sparrow

Really, I like what I had written now.

It is me saying 'we have to protect the kids,' meaning the kids who get paid by EPSRC.

It is me attempting to act humanely and not hypocritically, in a situation where it had suddenly become impossible.

Re: Fwd: FW: Psychiatric Report from Dr. Zaghloul**Subject:** Re: Fwd: FW: Psychiatric Report from Dr. Zaghloul**From:** Sparrow**Date:** 07/06/2013 11:26**To:** john

John - thanks. Please be sure to get back to them very quickly so they can send the report to the University so that we can make the request to USS. Best wishes, Sparrow

=====

Re: Fwd: FW: Psychiatric Report from Dr. Zaghloul
Subject: Re: Fwd: FW: Psychiatric Report from Dr. Zaghloul
From: john
Date: 07/06/2013 12:18
To: Sparrow

Dear Kalli,

Do you know which addresses it needs to be sent to?

John

RE: FW: Psychiatric Report from Ayman

Subject: RE: FW: Psychiatric Report from Dr. Zaghoul

From: "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxx@covwarkpt.nhs.uk>

Date: 07/06/2013 12:34

To: 'john' <jxxxx@gmail.com>

Dear Professor Moody

Thank you for your email.

I have tried calling you but it goes to voicemail.

I am aware the report needs to be sent to your GP and Alison, HR Resources and Sparrow.
Please advise if there is anyone else that require the report.

Thank you.

Kalli

Kalli

Medical Secretary to Ayman

Consultant Psychiatrist

'024 7647 2984

6 024 7646 5230

This email has been scanned for viruses, however we are unable to accept responsibility for any damage caused by the contents. The opinions expressed in this email represent the views of the sender, not that of the Arden Commissioning Support Unit, Coventry & Rugby CCG or Coventry & Warwickshire Partnership Trust unless explicitly stated. If you have received this email in error please notify the sender. The information contained in this email may be subject to public disclosure under the NHS Code of Openness or the Freedom of Information Act 2000. Unless the information is legally exempt from disclosure, the confidentiality of this e-mail and your reply cannot be guaranteed

Re: FW: Psychiatric Report from Dr. Zaghloul
Subject: Re: FW: Psychiatric Report from Dr. Zaghloul
From: john
Date: 07/06/2013 14:22
To: "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxxx@covwarkpt.nhs.uk>, Sparrow <cxxxxx@warwick.ac.uk>, "Nav" <Nxxxxx@warwick.ac.uk>

Dear Kalli,

When you phoned it was probably when I had gone to see Sparrow and Nav in the office.

I will forward your email to them to find out,

john

On Fri, Jun 7, 2013 at 12:34 PM, Kalli (RYG) C&W PARTNERSHIP TRUST <Kxxxxx@covwarkpt.nhs.uk> wrote:

Dear Professor Moody

Thank you for your email.

I have tried calling you but it goes to voicemail.

I am aware the report needs to be sent to your GP and Alison, HR Resources and Sparrow.

Please advise if there is anyone else that require the report.

Thank you.

Kalli

RE: FW: Psychiatric Report from Ayman

Subject: RE: FW: Psychiatric Report from Dr. Zaghoul

From: "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxx@covwarkpt.nhs.uk>

Date: 07/06/2013 14:26

To: 'john' <jxxxx@gmail.com>

Dear John

I have already faxed the report to Alison and Dr Whidborne and will also be faxing Sparrow.

Regards

Kalli

Kalli

Medical Secretary to Ayman

Consultant Psychiatrist

'024 7647 2984

6 024 7646 5230

This email has been scanned for viruses, however we are unable to accept responsibility for any damage caused by the contents. The opinions expressed in this email represent the views of the sender, not that of the Arden Commissioning Support Unit, Coventry & Rugby CCG or Coventry & Warwickshire Partnership Trust unless explicitly stated. If you have received this email in error please notify the sender. The information contained in this email may be subject to public disclosure under the NHS Code of Openness or the Freedom of Information Act 2000. Unless the information is legally exempt from disclosure, the confidentiality of this e-mail and your reply cannot be guaranteed

Re: FW: Psychiatric Report from Dr. Zaghloul
Subject: Re: FW: Psychiatric Report from Dr. Zaghloul
From: john
Date: 07/06/2013 14:34
To: "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxxx@covwarkpt.nhs.uk>

Hi,

Here is the link including the Fax number for Maths

John M

Re: FW: Psychiatric Report from Dr. Zaghloul
Subject: Re: FW: Psychiatric Report from Dr. Zaghloul
From: john
Date: 07/06/2013 14:34
To: "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxxx@covwarkpt.nhs.uk>

Oops forgot to paste it, here it is

<http://www2.warwick.ac.uk/fac/sci/mathsgeneral/contacts/>

Downloading the report**Subject:** Downloading the report**From:** john**Date:** 07/06/2013 15:53**To:** Sparrow <cxxxx@warwick.ac.uk>, "Nav" <Nxxxx@warwick.ac.uk>

Hi Sparrow and Nav,

Kalli has spoken to me a few times today on the telephone about downloading the report.

John

Re: Downloading the report
Subject: Re: Downloading the report
From: Sparrow
Date: 07/06/2013 15:58
To: john
CC: "Nav" <Nxxxx@warwick.ac.uk>

John - thanks - we have it now, official version. Nobody else needs it who hasn't got it - and also your GP has it so can now send his report! best wishes, Sparrow

=====

Hi Sparrow and Nav,

Kalli has spoken to me a few times today on the telephone about downloading the report.

John

Re: files
Subject: Re: files
From: john
Date: 07/06/2013 18:58
To: Sparrow

Thanks Sparrow,

I have been interpreting my solution to the question of "what part of " " don't you understand"

I had said, everything is OK because the administrative assistant at the sponsor will download the report.

It seems like what is known as polyanna optimism.

I now think anyway I made a sequence of essentially random statements.

Stopping them at a point was good, as if there are too many it is just like a pile of leaves.

With just 6, it looks like tea leaves, people can look for meaning.

I had wanted to say something about incoherence away from nature, that would have made the notion of the 'sponsor's administrative assistant' irrelevant, without work.

John

cars

Subject: cars

From: John and Mildred Moody

Date: 09/06/2013 16:39

To: "john" <jxxxxx@gmail.com>

Dear John and Dimitra,

We have two cars, not new. Think the Subaru Forester would be best for you all to use. It has 4 wheel drive, takes us anywhere, snow and all. The tires are good for camp roads or highways. It is easy to pack stuff in. Is all ship shape. It will be best for you.

So is the other one ready. But we are used to stick shift, it is lighter than the Subaru, and less convenient.

Kept forgetting to tell you this. It was so much on my mind, that I thought I had mentioned it.

Love, Mom

Fwd: cars
Subject: Fwd: cars
From: john
Date: 09/06/2013 21:37
To: "Dimitra" <dxxxx@warwick.ac.uk>

----- Forwarded message -----
From: John and Mildred Moody

[<mxxxx@googlemail.com>](mailto:mxxxx@googlemail.com)
Date: Sun, Jun 9, 2013 at 4:39 PM
Subject: cars
To: john
[<jxxxx@gmail.com>](mailto:jxxxx@gmail.com)

Dear John and Dimitra,

We have two cars, not new. Think the Subaru Forester would be best for you all to use. It has 4 wheel drive, takes us anywhere, snow and all. The tires are good for camp roads or highways. It is easy to pack stuff in. Is all ship shape. It will be best for you.

So is the other one ready. But we are used to stick shift, it is lighter than the Subaru, and less convenient.

Kept forgetting to tell you this. It was so much on my mind, that I thought I had mentioned it.

Love, Mom

psych report**Subject:** psych report**From:** john**Date:** 10/06/2013 18:34**To:** "Ayman (RYG) C&W PARTNERSHIP TRUST" <axxxx@covwarkpt.nhs.uk>, Sparrow <cxxxx@warwick.ac.uk>

Actually, maybe it is not a good idea to bring all the documents, as there was to some extent an attempt at character assassination which I would not recover from easily in reputation.

That is, the existing report does not include statements that attempted to sexualize my relationship with Victoria, and may have been the reason for the section.

In a criminal trial, one can consider evidence.

In a mental health section, it is an intuitive impression of to what extent society appears outraged. The section is to protect the patient, but it means he never gets a fair hearing either.

John

Fwd: cars
Subject: Fwd: cars
From: john
Date: 11/06/2013 11:37
To: Sparrow

Here is the email from my mom. I'm not sure if my dad is OK as he has not been involved in any phone conversations or emails for a few months. He is over 90 years old.

The 'carry-all' was something that was more consistent than any of our houses, we moved so much.

But there was a house my grandmother had bought for my dad when he was ill as a child, near a marsh, as she had been told the air would be good for him.

It wasn't meant to be a permanent residence because of flooding, no real insulation.

The old car was something, I guess, that I had become fond of, and it 'threw a rod' which mean it started clicking which meant if it were driven anymore it would be destroyed, and it can never be repaired.

But, it was just moved to a sheltered place by the side of the marsh, where it stayed as it gradually rusted to pieces.

But I would spend most of my time sitting there, sometimes.

When, finally, it was decided to move to the city, for better schools, I had broken down in tears.

They had said, "But John, you have no friends here."

----- Forwarded message -----
 From: John and Mildred Moody

[<mxxxxx@googlemail.com>](mailto:mxxxxx@googlemail.com)
 Date: Sun, Jun 9, 2013 at 4:39 PM
 Subject: cars
 To: john

[<jxxxxx@gmail.com>](mailto:jxxxxx@gmail.com)

Dear John and Dimitra,

We have two cars, not new. Think the Subaru Forester would be best for you all to use. It has 4 wheel drive, takes us anywhere, snow and all. The tires are good for camp roads or highways. It is easy to pack stuff in. Is all ship shape. It will be best for you.

So is the other one ready. But we are used to stick shift, it is lighter than the Subaru, and less convenient.

Kept forgetting to tell you this. It was so much on my mind, that I thought I had mentioned it.

Love, Mom

Re:
Subject: Re:
From: john
Date: 11/06/2013 11:50
To: Sparrow



question of rights for sectioned mental patient**Subject:** question of rights for sectioned mental patient**From:** john**Date:** 12/06/2013 09:48**To:** "Ayman (RYG) C&W PARTNERSHIP TRUST" <axxxx@covwarkpt.nhs.uk>, Sparrow <cxxxx@warwick.ac.uk>

This is not related to the uni, but I really have been able to focus on the issue of rights at St. Andrews.

My appeal to the Mental Health tribunal was on the basis that interferon treatment had caused some hypomania, but it had also for the first time provided relief from what had been many years of completely disabling fatigue and cognitive impairment.

I was to argue that the section had been inappropriate, that I needed to rejoin the clinical trial (of not yet publicly approved medications), after having a differential diagnosis between interferon-induced hypomania versus some underlying condition which would be a counter-indication for treatment.

And I would have been able to say this, except in the two days or so before the tribunal, I was given massive doses of Haloperidol, without any procyclidine. This caused paralysis of the tongue. I could barely think, and barely speak. Even though there had been an un-medicated interval before that.

I did manage to explain, in the context of answering a question about Victoria, the notion that my emotionality had only been possible during times when, as it even had been retrospectively proven by virology tests, the virus was undetectable due to the interferon. Yet, in the written appeal, I had also explained that I was aware that it could, and for me did, also cause hypomania.

The tribunal had written something like "He admits that he uses interferon to change his personality."

The tribunal failed to make any distinction between a possible therapeutic effect of interferon on cognitive impairment caused by hep C virus, versus the known effect of causing emotional lability and hypomania.

I, and the director of the trial, Professor Dusheiko, had discussed this distinction, we were aware of it.

I remember, when the trial had started, just a few weeks in, he said he had seen me through the window of his office arriving. He had said "You were running!" He was amazed, because I had had an imperfect gait the whole 17 years previously, an uncoordinated stomping gait.

And we knew about the hypomania, he had even had it diagnosed there, and we were managing it.

But all the tribunal heard were muffled one or two word sentences. I remember my exact words: "I'd go over there, and nothing would work. But I'd take interferon, and I'd go over there, and everything would be OK." My statement to the tribunal itself, was not clear enough in its distinction between the two psychiatric effects, both very profound, of that medication. And this is because the procyclidine had not been started until an hour or so after the hearing.

I think that they possibly may have used such a high dose of Haloperidol as a sort of truth serum or something, they seemed to be trying to elicit some statement of what terrible thing I had done to her. They had asked if I love Victoria, and I had said, I always will.

Understanding the report**Subject:** Understanding the report**From:** john**Date:** 17/06/2013 09:16**To:** Kxxxxx@covwarkpt.nhs.uk

Hi Kalli,

I was reading the report again and I think I understand one element of it. Early in the report, it mentions me being (what seems irrationally) worried about my land being landlocked, and it mentions me trying to file suit against St. Andrews hospital, where I had been admitted for interferon-induced hypomania.

Then, later in the report, it mentions losing my land, and it mentions having been under a mental health section.

Anyone should know that one does not need to be sectioned under the mental health act for interferon-induced hypomania.

And anyone should know that a person should not lose their entire property through intimidation. It mentions that it was on my third attempt to walk my own land that I was arrested.

Therefore, anyone reading the report should understand that I was battling against actual adverse events, and that at the time no one was understanding that. I think that this is one eloquent aspect of the report.

A second eloquent aspect of the report is the sentence which describes me thinking that a group of girls was flirting with me. In our conversation this described a situation where I had been worried (sitting in the back row of a seminar room, and alarmed about why the women from South America would seem to toss their hair if they caught your eye).

Including such a sentence is something that I believe did occur in the actual reports from St. Andrews, and such sentences are a way of indicating that the person has done something that was deemed bizarre or inappropriate by the community, and needs to be 'taken out' of society. Of course, the Psychiatrist has total control over when to write such a sentence. So that a Psychiatrist has the power to separate a person from his job.

One of the things that happened in my first meeting with Ayman is that he understood that I had not been able to separate the two types of exclusion.

At one point the human rights Barrister Mr. Mahmood had turned the hearing about the land into a joke, accusing me of illegally cut a hole in the fence, of filing a 'trojan horse' application, and saying that, while my fears about the documents expressing danger to children could be valid, and there could indeed be broken glass on the land, or other dangers, he does not wish to trouble the court or anyone else to have it removed.

If Ayman had not pointed to me the similarity between some of my own transcriptions of the hearing documents, and the insidious sentences in the sectioning reports, I would not have been able to analyze them, and to understand, as I later did, that the similarity had been introduced during the process of transcribing things, or simplifying what the documents said.

The statements in the documents against me, to the effect that children have been scratched by brambles, and foxes are known to bite in defense of their cubs, had been kind statements.

It was my own sense of trust that had been annihilated by what had happened to me at St. Andrews. And yet, even there, the insidious sentence had been changed, from one report to another, in eventually ridiculous ways. Initially, I was harrassing a neighbour, and Victoria's mother had become concerned when something had been sent. Later, I was harrassing a neighbour, and Victoria's family had become concerned when something had been sent to Victoria's mother. Still later, with careful reading, I was harrassing a neighbour, and that neighbour had become concerned when something had been sent to Victoria's mother. And even later, a neighbour had felt harrassed when something had been sent to Victoria's mother. Yet, even this was false. It should have been, a neighbour felt harrassed when he incorrectly stated that something may have been sent to Victoria's mother. That neighbour was also a policeman, who was involved in the sectioning process.

John

Re: Understanding the report

Subject: Re: Understanding the report

From: john

Date: 17/06/2013 09:17

To: Kxxxxx@covwarkpt.nhs.uk

PS

Kalli, if Ayman is not too busy, can you also let him have a copy of my letter?

RE: Understanding the report

Subject: RE: Understanding the report

From: "Kalli (RYG) C&W PARTNERSHIP TRUST" <Kxxxxx@covwarkpt.nhs.uk>

Date: 17/06/2013 09:32

To: 'john' <jxxxxx@gmail.com>

Dear Mr Moody

Your email has been forwarded to Ayman.

Regards

Kalli

Kalli

Medical Secretary to Dr A

Consultant Psychiatrist

' 024 7647 2984

6 024 7646 5230

Re: Understanding the report

Subject: Re: Understanding the report

From: john

Date: 17/06/2013 10:17

To: Sparrow

The University's wikipedia page is horrible. I just deleted a whole long section about the wonderful 'business and economics' department (no other department has any description of what it does).

But still the whole article is what Laurie Taylor would call 'thrusting.'

At one point towards the end it says that the whole center of gravity of this powerhouse of development driving will be here:

"The proposals would see a shift in the "centre of gravity" on campus away from the Students' Union towards the new University House and a proposed "Academic Square", located around the new maths and computer science buildings."

home page**Subject:** home page**From:** Sparrow**Date:** 18/06/2013 11:46**To:** john

John,

I told ITS it is ok for them to re-enable users access to your homepage, or the links on your homepage, or whatever is required, but I also told them I didn't want you to be able to edit it or to add new links etc.

best wishes, Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail: cxxxx@warwick.ac.uk
Tel: (44)-24-7652-8312 (secretary)
Tel: (44)-24-7652-3450 (direct)

Fwd: home page
Subject: Fwd: home page
From: john
Date: 18/06/2013 13:39
To: Axxxx@warwick.ac.uk

Hi Andrew,

I received this from Sparrow (email below). I had thought that he had turned off access to local files because of worries about sensitivity of the reports that name/shame Bayer, Wiley, Governor Corbett and others.

Apparently he is OK with that but just does not want me to log on and delete or add anything else.

Currently login to masbf is turned off both at the uni level and in primrose/mimosa, and I'm OK with that.

I also am OK at having public access to all the other stuff that is linked there. As I mentioned to Sparrow, the link to easy.pdf acknowledges your help in getting the singular stuff running, at the time I did not know, or had forgotten your surname, and there was no way to find it via the ITS pages that I could find. So apparently there is no way to edit that file yet but I'm OK with that even if public access to it is turned back on.

John M

----- Forwarded message -----
 From: Sparrow

[<Cxxxx@warwick.ac.uk>](mailto:Cxxxx@warwick.ac.uk)
 Date: Tue, Jun 18, 2013 at 11:46 AM
 Subject: home page
 To: john [<Jxxxx@warwick.ac.uk>](mailto:Jxxxx@warwick.ac.uk)

John,

I told ITS it is ok for them to re-enable users access to your homepage, or the links on your homepage, or whatever is required, but I also told them I didn't want you to be able to edit it or to add new links etc.

best wishes, Sparrow

Professor Sparrow
 Head of Department
 Mathematics Institute
 University of Warwick
 COVENTRY, CV4 7AL
 E-mail: cxxxx@warwick.ac.uk
 Tel: (44)-24-7652-8312 (secretary)
 Tel: (44)-24-7652-3450 (direct)

Re: home page
Subject: Re: home page
From: john
Date: 18/06/2013 15:12
To: Axxxxx@warwick.ac.uk

PS

Just to clarify, the three name/shames are:

The video which has Bayer's promotional material about K9 Advantix, is quoted verbatim in the library video. Their notion that it is important to control all flea life stages 'in the pets' surroundings' came about around the same time they invented neonicotinoid pesticides, which have not yet been banned in the USA and may be responsible for the near extinction of bees.

It was not meant to name/shame Bayer in particular, but as an example.

Secondly, the Wiley video quotes an android character reading from Wiley's press release about their participation in "A global group of publishers and publishers' associations" in their action closing down and prosecuting library.nu. It merely quotes their press release.

Thirdly, the article about judicial impartiality mentions that the 'governor of the second state' stated into a speaker phone "Don't forget the little boy in the shower" before filing perjury charges against various university staff members. The reference is to Ganim, Governor occupies a unique position on the Penn State board of trustees. The actual reference includes Corbett's name, I deleted it and the name does not occur anywhere in the article. Any one of these might open the uni to some sort of civil action, these are the only worrying links.

John

Re: home page
Subject: Re: home page
From: Axxxxx@warwick.ac.uk
Date: 18/06/2013 15:31
To: john
CC: Axxxxx@warwick.ac.uk

Hi John,

Sparrow has agreed to your website being resurrectedshall I just remove the links below???

Cheers

Andrew
 On Tue, 18 Jun 2013, john wrote:

```
> PS
>
> Just to clarify, the three name/shames are:
>
> The video which has Bayer's promotional material about K9 Advantix, is
> quoted verbatim in the library video. Their notion that it is
> important to control all flea life stages 'in the pets' surroundings'
> came about around the same time they invented neonicotinoid
> pesticides, which have not yet been banned in the USA and may be
> responsible for the near extinction of bees.
>
> It was not meant to name/shame Bayer in particular, but as an example.
>
> Secondly, the Wiley video quotes an android character reading from
> Wiley's press release about their participation in "A global group of
> publishers and publishers' associations" in their action closing down
> and prosecuting library.nu. It merely quotes their press release.
>
> Thirdly, the article about judicial impartiality mentions that the
> 'governor of the second state' stated into a speaker phone "Don't
> forget the little boy in the shower" before filing perjury charges
> against various university staff members. The reference is to Ganim,
> Governor occupies a unique position on the Penn State board of
> trustees. The actual reference includes Corbett's name, I deleted it
> and the name does not occur anywhere in the article. The importance
> of his speakerphone message may have arisen during correspondence with
> Ganim prior to her having written that article.
>
> Any one of these might open the uni to some sort of civil action,
> these are the only worrying links.
>
> John
>
```

Andrew
 IT Services, Unix Platform and Database Group
 University of Warwick
 Gibbet Hill Road
 Coventry
 CV4 7AL

Re: home page
Subject: Re: home page
From: john
Date: 18/06/2013 16:18
To: Axxxxx@warwick.ac.uk

Hi Andrew,

Sparrow knows about those links, if he didn't object to them they are probably fine to leave in place.

I sort of think, as an issue of responsibility, it is better to leave them in place...

John

Re: home page
Subject: Re: home page
From: john
Date: 18/06/2013 16:31
To: Axxxxx@warwick.ac.uk

Hi Andrew,

At some point I still want to change the text in easy.pdf which says

"I wish to thank Yue Ren, Professors Pfister and Schoenemann, and Andrew in Warwick IT services"

to say

" I wish to thank Yue Ren, professors Pfister and Schoenemann of the Technische Universitat, and Andrew Machetta of Warwick University"

Sparrow sent me the latex file, in order to recompile the document I also need /home/masbf/diagram.pdf

If you ever have nothing much to do, you can email me diagram.pdf and I'll email the corrected easy.pdf file.

John M

interesting talk today**Subject:** interesting talk today**From:** john**Date:** 19/06/2013 17:19**To:** Sparrow

This guy was pretty good.

"Speaker: Fernando Rosas (Berlin)

Title: Ideas about the dynamics of information

Abstract: Information theory provides a satisfactory theory for understanding stationary information sources. This theory, which was created to analyze communications between electronic devices, has found numerous applications in almost all branches of science. A requirement to apply this theory is the existence of a fixed language, which is independent of the information that is shared. This makes this theory unsuitable for addressing fundamental questions of evolutionary biology, contemporary music cognition and many other disciplines. To the best of our knowledge, there exist no theory which is able to give account of evolving information sources and hence explain the dynamics of information. There exist a deep link between information theory, which deals with stationary information sources, and equilibrium statistical mechanics. Thinking by analogy, we believe that non-equilibrium statistical mechanics holds the seeds for developing a theory which could explain the dynamics of information. The absence of the latter may be related with the lack of a clear and general theory of non-equilibrium phenomena. After reviewing the fundamental concepts of information theory, the talk will present the limitations of the existent theory and explore the relationship between information dynamics and statistical physics."

Total Incapacity Retirement Approved**Subject:** Total Incapacity Retirement Approved**From:** john**Date:** 19/06/2013 16:18**To:** Kxxxxx@covwarkpt.nhs.uk, Sparrow

Copy of letter rec'd today

"Alison
Pensions Administrator
Human Resources Pensions
The University of Warwick
Coventry CV4 8UW

Dear Alison,

Dr J A Moody NI number JC520952A
Category of retirement: Total incapacity

We are pleased to confirm that the trustee company has approved the total incapacity retirement of Dr. Moody with effect from 14 June 2013 and arrangements will be made to process settlement benefits on receipt of the retirement form (ME5). Please note that the effective date is the earliest date from which retirement can take place. With your agreement a later retirement date is possible, provided the member retires within six months. If retirement does not take place within six months the process of applying for incapacity retirement must begin again.

We would remind you of the circumstances under which

...etc

Yours Sincerely
C McDonald (Miss)
Senior Technical Officer

Re: Total Incapacity Retirement Approved
Subject: Re: Total Incapacity Retirement Approved
From: john
Date: 19/06/2013 16:25
To: Kxxxxx@covwarkpt.nhs.uk, Sparrow

(from the enclosure)

"If you are granted total incapacity then it may still be acceptable to take up alternative employment, but only to perform some limited duties, eg marking examination papers or proof reading (as long as this did not form part of your duties before retirement). The amount of salary you earn from such limited duties should only be a small fraction of the salary you would be earining if you had not retired (we would consider 10% or less to be a small fraction)."

Re: Total Incapacity Retirement Approved

Subject: Re: Total Incapacity Retirement Approved

From: Sparrow

Date: 20/06/2013 12:51

To: john

CC: "Dimitra" <Dxxxx@warwick.ac.uk>

Dear John,

Thank you for sending me this. Whilst I understand that you find the whole business painful and distressing, at least USS has taken notice of the reports from your consultant and GP, and agreed therefore that you can retire on the terms of their "incapacity" scheme, which is good news financially for you and your family.

I am obtaining more information from HR so that I can explain properly to you and Dimitra what we have to do next, and what the USS offer means. Once I have that I will arrange another meeting, hopefully rather soon, for you, Dimitra, me and HR.

Thinking ahead a little, we do now need to start planning the details of your retirement. There will be some financial options from USS that you and Dimitra will need to choose between (similar to those we considered previously). Given that you are going away for a substantial period in the summer, whatever other decisions are made we need to make arrangements for you to move out of your office before you go (so during the first couple of weeks of July) - the Dept will help in any way that is useful to you. And you and Dimitra and I (and the University) will need to agree a formal date for your retirement.

If you would like to talk about any of this informally please come and see me. Of course next week is a bit busy with Exam Boards etc, but still there will be time for a chat if that would be helpful, though it might be helpful if you could let me know ahead of time so we can arrange a time when I am free.

best wishes, Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

On Wed, 19 Jun 2013, john wrote:

Copy of letter rec'd today

"Alison
Pensions Administrator
Human Resources Pensions
The University of Warwick
Coventry CV4 8UW

Dear Alison

Dr J A Moody NI number JC520952A
Category of retirement: Total incapacity

We are pleased to confirm that the trustee company has approved the total incapacity retirement of Dr. Moody with effect from 14 June 2013 and arrangements will be made to process settlement benefits on receipt of the retirement form (ME5). Please note that the effective date is the earliest date from which retirement can take place. With your agreement a later retirement date is possible, provided the member retires within six months. If retirement does not take place within six months the process of applying for incapacity retirement must begin again.

We would remind you of the circumstances under which

...etc

Yours Sincerely
C McDonald (Miss)
Senior Technical Officer

various threads**Subject:** various threads**From:** john**Date:** 24/06/2013 04:43**To:** Sparrow

Just a quick overview of various threads, as I have a ref letter waiting for a student, and Fernando has just written (very coherently).

When students from abroad write in their personal statements about business philosophy, they are not writing about things which they believe, or which they hope to believe. They see themselves as incipient actors in a global economy which they may find reprehensible and foreign. It is confusing for them to understand how we wish them to represent their morality to us, it is hard for them to understand that we find our own business morality reprehensible.

In our case, in the email of 'evidence' the shame of course is that I had used the code word that I would be 'happy,' and in another email, although embedded in an interesting moral meta-statement, you used the word 'consult.'

Moving on, as I have other things to attend to more urgently, I had written something the other day which, since it does not pretend to be advice for students, seems freer and less constrained.

One point of it is that whereas, day to day, one worries where the next paycheck is going to come from (viz 'happy,' 'consult') if we really consider the wishes of humanity for the future, it does take a little contemplation to begin to accept that there is not going to be someone standing at the gate saying that humanity will not be admitted without conferring wealth, the price of some sort of admission ticket.

This is something we both know, but I think when one writes abstractly about human motivations, the effect of mobility and breakup of communities on cognition, etc, the reason people seem to find it hard to 'listen' in Valerie's words, is because they are still plugged into the same thinking that makes the Chinese students unanimously talk about how much we need growth and wealth. How, only when the air above Beijing is so polluted that birds fall dead from the sky, do they begin to worry, as we did in LA, about synchronising the release of smoke with the wind direction, to prevent the immediate damage.

That is, although it is obvious to us, the general public needs to be reminded that thinking about the long-term future involves different assumptions about what type of thing might be important.

In that context, one can focus on English empirical scholarship.

This was a type of scholarship which made declarative statements which are supposed to have universal meaning. They constitute 'science,' a strange phenomenon, with its weird combination of the null hypothesis giving permission to take any unquantifiable risk (especially to others), and with its weird connection to the notion of 'exploring' for wealth in the context of an ever expanding 'research horizon.'

One can see in the IQ tests from the end of that time, the way humanity became defined to comprise the empiricists.

It raises the question, nowadays, if a person publishes, say, a declarative statement in a science journal (or teaches a lecture course), does that person really believe, with humanity having been redefined as it has, that statements there are statements with universal truth, or universal meaning?

If I were political I might say that Chinese students do not see things that way at all. Indian students maybe because of some residual admiration for the empire, cricket and all that.

That it is really the tradition of Western European scholarship which believes that divulging (discovering, proving) and promulgating universal empirical statements is in any way a meaningful activity.

It would be a bit of sophistry to argue thus, but Wittgenstein eventually realized that philosophy had been a waste of time for him, and yet a valid activity of philosophers would be to construct a sort of warning sign, like a warning at the entrance of a dangerous cave, saying, this has been explored, there is nothing here.

And to say that a meaningful role of scientific research would be like those scientists who faithfully debunk one after another magic trick, for the benefit of those few who are swindled by magicians from time to time. To become proficient enough to beat the scientist at his own game, only to expose how unethical it is.

Now onto three examples from American media. Very compelling, weird examples, illustrating the strange superficiality of mercurial events in America.

One reminds me of how here in Coventry, small shops are getting squeezed, going out of business, and I have seen it happen. By far my main thoughts are for the natural environment, obviously, but it makes me a little sad now to see the little parade of shops off Albany Road near Butts road, now that the technical college is converted to apartments, beginning to fail. As Bishop street was left to fail, when it was closed off for the construction of the 'arch' in the city center, and all those little shops forced to sell up for a large redevelopment.

But one person in America, M Heemeyer, when a corporate interest surrounded his little muffler shop and tried to squeeze it into inviability, purchased a bulldozer to make an alternative access route. When this was not approved (because of lobbying by the corporation that wanted his land), here is what he did (will continue writing after this excerpt)

----- (excerpt) -----

2001, the zoning commission and the town's trustees approved the construction of a cement manufacturing plant. Heemeyer appealed the decisions unsuccessfully. For many years, Heemeyer had used the adjacent property as a way to get to his muffler shop. The plan for the cement plant blocked that access. In addition to the frustration engendered by this dispute over access, Heemeyer was fined \$2,500 by the Granby government for various violations, including "junk cars on the property and not being hooked up to the sewer line". Heemeyer sought to cross 8 feet (2.4 m) of the concrete plant's property to hook up with the sewer line.[citation needed]

As a last measure, Heemeyer petitioned the city with his neighbors and friends, but to no avail. He could not function without the sewer line and the cooperation of the town.[6]

Bulldozer modification[edit]

Heemeyer leased his business to a trash company and sold the property several months prior to the rampage.

Heemeyer had bought a bulldozer two years before the incident with the intention of using it to build an alternative route to his muffler shop, but city officials rejected his request to build the road.

Notes found by investigators after the rampage indicate that the primary motivation for Heemeyer's bulldozer rampage was his fight to stop a concrete plant from being built near his shop. The notes indicated Heemeyer held grudges over the zoning approval. "I was always willing to be reasonable until I had to be unreasonable", Heemeyer wrote. "Sometimes reasonable men must do unreasonable things." [7]

Heemeyer took about a year and a half to prepare for his rampage. In notes found by investigators after the incident, Heemeyer wrote: "It's interesting how I never got caught. This was a part-time project over a 1 year time period." Heemeyer was surprised that several men who had visited the shed late the previous year did not discover the modified bulldozer, "especially with the 2,000 lb. lift fully exposed". "Somehow their vision was clouded", he wrote. [7]

The machine used in the incident was a Komatsu D355A bulldozer [8] fitted with makeshift armor plating covering the cabin, engine and parts of the tracks. In places, the vehicle's armor was over one foot thick, consisting of concrete sandwiched between sheets of steel to make ad-hoc composite armor. This made the machine impervious to small arms fire and resistant to explosives; three external explosions and over 200 rounds of firearm ammunition fired at the bulldozer had no effect on it. [1] National Guard units were placed on standby orders by Governor Bill Owens for possible anti-armor support. [9]

For visibility, the bulldozer was fitted with several video cameras linked to two monitors mounted on the vehicle's dashboard. The cameras were protected on the outside by 3-inch shields of bullet-resistant plastic. [1] Onboard fans and an air conditioner were used to keep Heemeyer cool while driving and compressed air nozzles were fitted to blow dust away from the video cameras. Food, water and life support [clarification needed] were present in the almost airtight cabin. Heemeyer had no intention of leaving the cabin once he entered; the hatch was permanently sealed. [1] Authorities speculated Heemeyer may have used a homemade crane found in his garage to lower the armor hull over the dozer and himself. "Once he tipped that lid shut, he knew he wasn't getting out", Daly said. Investigators searched the garage where they believe Heemeyer built the vehicle and found cement, armor and steel. [1]

Afterwards, the modified bulldozer came to be known as "Killdozer", although only Heemeyer was killed in the incident. [10]

Rampage[edit]

Heemeyer used an armor-plated Komatsu D355A bulldozer to destroy 13 buildings in Granby, Colorado.

On June 4, 2004, Heemeyer drove his armored bulldozer through the wall of his former business, the concrete plant, the Town Hall, the office of the local newspaper that editorialized against him, the home of a former judge's widow, and a hardware store owned by another man Heemeyer named in a lawsuit, as well as others. Owners of all the

buildings that were damaged had some connection to Heemeyer's disputes.[11]

Heemeyer's rampage resulted in 13 buildings destroyed,

----- (end of excerpt) -----

Another interesting and weird one is, remember I mentioned 'kai the hatchet weilding hitchhiker,' he had become a folk hero because he had hitched a ride with a guy who bragged about being essentially a paedophile in Thailand. Then he had bragged about being a racist and drove his car into a black man, pinning him against the bumper of a lorry. As Kai shamelessly explained to the police and also the admiring media, he had reacted with his little hatchet, hitting the villain on the head with 'smash, smash, suh- mash'

Kai was invited to Kimmel's show, and he declined to accept payment, saying, if only everyone would follow his example and understand that we do not have to be slaves to money, then it would cease to have any import.

Unfortunately, what happened a bit later is that Kai (real name Caleb McGillvary) went online and blogged that he had been in the home of a 70 year old lawyer, and had woken up in the morning to find evidence in his mouth that he must have somehow been forced or drugged into committing fellation on this man.

People posted to his forum, jokingly, well, Kai, you still have the hatchet!

Then, it was on the news that the 70 year old lawyer had been murdered. On the forum, desperate posts "Kai, we were joking! We're so sorry, you should have just gone to the police to report your suspicions. We are so sorry. Go to the police and turn yourself in now."

Very strange.

And another main story in American news, even in Daily Mail, about Daniel Somers full note in Gawker, about his experiences as a soldier in Iraq:

"During my first deployment, I was made to participate in ... war crimes. Though I did not participate willingly, and made what I thought was my best effort to stop these events, there are some things that a person simply can not come back from. I take some pride in that, actually, as to move on in life after being part of such a thing would be the mark of a sociopath in my mind. These things go far beyond what most are even aware of. To force me to do these things and then participate in the ensuing coverup is more than any government has the right to demand."

The three Americans, Heyemeyer, McGilvary, and Somers, all took extreme and forceful action against what they saw as three particular types of coercion that they believed they were experiencing. In the first case was erosion of what Heyemeyer believed had been his rights to own a small business. In the second case was what McGilary saw as sexual and racial pressures. In the third case, military pressure. Each believed he had very experienced a forceful and invasive personal violation, which required being directly and forcefully opposed.

I most identified with Heyemeyer's response; at the time I had enquired of the cost of helicopter access, and I had learned that the only helicopter pilot who can settle a person down from flight is one who has earned a very special and expensive license, and these pilots only work out of airports near the seaside. I had downloaded plans for a hot air balloon, and calculated costs and safety. I had looked at nearby trees for prospects of making a zip line over the surrounding houses. And I had understood, during the seven months when I slept not at all, out of distress at what had been done to me, that I would have been healthier if I had a place to begin a tunnel, and every day could at least be a few inches closer to safety and the restoration of what I had always thought had been my rights.

What the zoning board did to Heyemeyer is what is done to people all the time. The decision was made that his business was going to be absorbed into a larger cement works. He had refused a financial offer of ten times the value of his land. Then the zoning regulations began to come into force. Without a sewage pipe his muffler shop had been illegal. But all the land around him is zoned not allowing any such pipe. Then the legal complaints against him. The cars waiting to be repaired are an eyesore.

It is little annoyances, small fines, and the overall chill from the public agencies, the message that your business/residence is no longer welcome.

In England, such accusations somehow have a dual nature. In England, people do not forget the little guy who is getting pushed into non-existence --- sometimes. Not always. Not the little Istanbul restaurant. Not the little pork batch shop on Bishop street. Only the ones that get attention somehow....

meeting July 12th 10.30

Subject: meeting July 12th 10.30

From: Sparrow

Date: 24/06/2013 09:58

To: john <Jxxxx@warwick.ac.uk>, "Dimitra" <Dxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>, R A Leonard <Rxxxx@warwick.ac.uk>

Dear John, Dimitra (cc Liz),

Please can we meet on Friday 12th July at 10.30 in my office, with Liz. I will circulate the new USS pension quote as soon as I have it, so that you will have time to consider it before the meeting.

The purpose of the meeting will be to finalise the necessary arrangements for your (John's) retirement as of September 1st 2013. Consequently you should try to ensure that you have obtained any advice you need about retirement or in order to be able to choose between the pension options before this meeting. Please let me know as soon as possible if you think you may need any further advice from the Department or from HR.

Best wishes,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail: cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

RE: meeting July 12th 10.30

Subject: RE: meeting July 12th 10.30

From: "Dimitra" <Dxxxx@warwick.ac.uk>

Date: 24/06/2013 14:29

To: "Sparrow" <Cxxxx@warwick.ac.uk>, "John" <Jxxxx@warwick.ac.uk>, "Liz" <Exxxx@warwick.ac.uk>, "Leonard, Rachel" <Rxxxx@warwick.ac.uk>

Dear All

10:30 on the 12th of July is fine with me.

Dimitra

-----Original Message-----

From: Sparrow

Sent: 24 June 2013 09:59

To: John; Dimitra; Liz; Leonard, Rachel

Subject: meeting July 12th 10.30

Dear John, Dimitra (cc Liz),

Please can we meet on Friday 12th July at 10.30 in my office, with Liz. I will circulate the new USS pension quote as soon as I have it, so that you will have time to consider it before the meeting.

The purpose of the meeting will be to finalise the necessary arrangements for your (John's) retirement as of September 1st 2013. Consequently you should try to ensure that you have obtained any advice you need about retirement or in order to be able to choose between the pension options before this meeting. Please let me know as soon as possible if you think you may need any further advice from the Department or from HR.

Best wishes,

Sparrow

Professor Sparrow
Head of Department
Mathematics Institute
University of Warwick
COVENTRY, CV4 7AL

E-mail:

cxxxx@warwick.ac.uk

Tel: (44)-24-7652-8312 (secretary)

Tel: (44)-24-7652-3450 (direct)

=====

...the effect of the letter from Alison

Subject: ...the effect of the letter from Alison

From: john

Date: 25/06/2013 02:48

To: Sparrow

It is interesting, that I actually do not believe that money should have a personal or emotional element.

I'd mentioned how, in my first visit to Greece, Dimitra had handed me a huge stack of banknotes, inexplicably asking me to give them back to her later; only much later my realizing the concept 'if the man loves the woman, he tips the musicians generously.'

And you'd responded to this, by having the money which Charudatta had wanted to return as a stack of banknotes for Dimitra to take.

Both, I had thought, and still do think, were quaint appeals to some Mediterranean custom where financial value somehow connotes emotion. The same when Alex came to visit, and Yvonne and Hazel surprised him with the gift of his stipend, calling him back to the MRC office again and again to tell him more, and give him something else.

What affected me today was firstly the little fact that someone had remembered my AVC contributions, and the letter includes 'virtually' finishing these.

Much more, what affected me is this. When I exaggerated just now, and mentioned the first 7 months when I'd been cured, not sleeping (although I did sleep sometimes), even then, in the back of my mind was the warning not to say anything about all the years before.

It was never anything worse than having a moderate fever the whole time, and my temperature was normal.

I remember, when I was very stressed, after having been cured, about my land etc, you once came to meet me in my office, and you looked tired, and stressed. This was when you were smoking. Your clothes were disarranged, you looked like you hadn't slept. I wanted to help somehow, and I think you intentionally let me see you in that state, so that I would realize that I was not alone.

A simple little thing, like many many years of flu-like symptoms, is something too when I would not be alone. Students would come to see me, and tell me, they had had a flu or fever during some lectures, and I would help make arrangements to get notes for them. When you have a fever or flu, anything creative, anything also like going on a date, falling in love, or any complete revision of thought and feeling, has to wait until the flu is gone.

You know, the moment I understood that I had had hepatitis C for all those years, before the actual diagnosis, was when I saw an article about the fatigue it can sometimes cause. The journalist wrote about the musician Nick de Havailland, who had needed to give up composing music upon contracting Hepatitis C. The journalist wrote, he 'struggles to sit in front of the piano.' But he misquoted de Havailland, who had actually said "It is a nervy, dirty fatigue, that comes from the soul." De Havailland had said, for him, no emotion had been possible since contracting the illness. And he had quoted Freud who had said 'people with liver disease have no life.' And yet, later, it was determined that the particular fatigue from Hepatitis C is not there with any other type of hepatitis, it is not just caused by ammonia or liver failure, it is just caused by the virus. And, I think, anyone has the same impairment every time they have a fever. Any time they say, "I will have to think about this tomorrow, when the fever will have lifted."

I do think that the consideration compiling such an arrangement as this is in some ways symbolic, like an acknowledgement that there is a big fluffy feather pillow, that should have been there during all those years up until 2003.

And this is significant emotionally.

However, I do and must reject any concept that offers of money can carry emotionality.

Really, what affected me was the smallest thing, the notion that if I weren't capable of making my own little AVC contribution each year, someone would have taken care of it.

It shouldn't have done so, but seeing it affected me like it would have, seeing a little carefully done-up bow on that big feather pillow.

When I had written to Valerie about the things I see nowadays (to see the ill abominations from the Oceans of the world, search google images for 'washed up'), and when I had mentioned the notion of the urban pigeon, with glazed eyes, poor coordination, with everything wrong -- that is how it was for me, throughout all that time.

It is the look that former iv drug users sometimes get, when one changes from calling them addicts, and calls them homeless. A particular appearance which, when one sees it, proves that this person would never be capable of having a job, they are somehow burnt out, the mind is not and cannot be turning over and over with meaningful thoughts.

I do realize that all my objections about genetic engineering should imply that I would rather have remained in that condition, rather than having been cured by recombinant technology, synthetic interferon.

I was just very fortunate that hepatitis c virus can also cause cancer, and that a number of wealthy middle class Americans were infected. That a statistically significant change in actual mortality figures could be proven beyond the null hypothesis, and it was possible to save wealthy middle class lives.

I have been that urban pigeon I sometimes write about, I have experienced it first hand.

Re: home page
Subject: Re: home page
From: Axxxx@warwick.ac.uk
Date: 26/06/2013 17:34
To: john
CC: Andrew <Axxxx@warwick.ac.uk>, <cxxxx@warwick.ac.uk>

Hi John,

Sparrow has confirmed that he is happy with the document/upload so it is now uploaded.

Thanks and regards

Andrew

On Tue, 18 Jun 2013, john wrote:

|

Andrew
IT Services, Unix Platform and Database Group
University of Warwick
Gibbet Hill Road
Coventry
CV4 7AL

Re: home page
Subject: Re: home page
From: john
Date: 26/06/2013 17:44
To: Axxxxx@warwick.ac.uk

Hi Andrew,

I managed to put two t's in your name.

Here it is with only one t, welcome to replace it if you like,
John



Re: home page
Subject: Re: home page
From: Axxxxx@warwick.ac.uk
Date: 26/06/2013 17:54
To: john

Hi John,

Thanks and no probs as this was probably how it was spelt according to my grandad :-)

All the very best,

Andrew

On Wed, 26 Jun 2013, john wrote:

|

Andrew
IT Services, Unix Platform and Database Group
University of Warwick
Gibbet Hill Road
Coventry
CV4 7AL

Re: home page
Subject: Re: home page
From: john
Date: 26/06/2013 17:58
To: Axxxx@warwick.ac.uk
CC: Sparrow <cxxxx@warwick.ac.uk>

Sparrow, I've also backed up the windows 7 computer in B1.21 onto a usb drive, and created a username called "user" which is password-free in case anyone needs to use it. Also I've seen the people I expected to see already (except finalists who I can see at graduation), so if you need that office for a visitor it is completely fine, just let me know and Dimitra can make 1 or 2 car trips to get a few (paper) files and/or weird coffee cups or items of clothing among the filing cabinets.

There is a spare copy of Miles' lectures on the "D:" partition with a readme note advising the user probably does not want to delete these.

At some point we should maybe think about whether Miles would want us to find 20GB of server space to put these up as a mirror of just his lectures on the Korean Vodnet

<http://vod.mathnet.or.kr/sub6.html>

Though there is a lot more on that server than just his 20GB of lectures.

John

Re: Advice for psychiatrists

Subject: Re: Advice for psychiatrists

From: john

Date: 29/06/2013 05:51

To: "Ayman (RYG) C&W PARTNERSHIP TRUST" <axxxx@covwarkpt.nhs.uk>, Philip <Pxxxx@standrew.co.uk>, axxxx@btinternet.com, Mxxxx@lexisnexis.co.uk

This email goes to a strange collection of people! Two psychiatrists, a barrister and a historian and former solicitor.

I should start with the fact that yesterday Dimitra brought me to the pension documents and showed me a particular number, 18, which is a particular ratio. From the context in the document one sees that this is just my expected lifespan in years. Then it would be Sparrow's also.

Of course, long before the end of life, most academics really lose it. Even the famous Dr. Lovelock, discoverer of the ozone layer, inventor of techniques to detect pollution of one part per billion, inventor of the microwave oven, first person to revive mammals live from being frozen, and originator of the controversial gaia hypothesis -- he has lost it, and, for example, has made specific dire predictions that have already proven not to have happened when he said that they would.

So that 18 is really a much much smaller number.

But the conversation led me to have a slight repeat of an earlier dream. Where I sometimes have battled and battled to preserve nature on land I own, and always failed, now I dreamed that someone showed me some title deeds of a bit of land I own, and I noticed it is on the boundary of a huge sewage treatment plant. In fact the treatment plant encroaches on my land. In the dream I'm looking for things that one should see on an ordnance survey map, things about nature, about it not being cut off completely, and I see suddenly to my surprise that the plans show a sewage pipe the width of my whole land beneath the ground. And I see from the documents that this is something planned. This explains why my land had been inexpensive, it will all eventually be taken over for a huge sewage pipe, only, in the future. It has only the financial value of a prospective eminent domain purchase.

This (finally) explains something about the earlier case. From the transcript:

----- (begin excerpt) -----

DEPUTY DISTRICT JUDGE HARRIS: Well, where do you set these things out?

MR. MOODY: My draft argumentation -----

DEPUTY DISTRICT JUDGE HARRIS: No-one - what about the claim form? The claim form tells me what the claim is, or should be. Never mind about argumentations that come about months later.

MR. MOODY: Well, the claim form was written before receiving the Respondent's witness statement.

DEPUTY DISTRICT JUDGE HARRIS: It doesn't matter. Your claim form has to set out what your claim is. You don't have to wait for the Respondents to tell you anything.

MR. MOODY: Well, I thought it - that it might be reasonable to take into account the wishes of the Respondents.

DEPUTY DISTRICT JUDGE HARRIS: Mr. Mahmood, can you help me over this? Am I missing something here, or - do we know what the - what the case is, what the claim is? Do we know what works he wants to carry out?

MR. MAHMOOD: No, sir. No. Despite the scores and scores of documents.

DEPUTY DISTRICT JUDGE HARRIS: Oh, I know about all that.

MR. MAHMOOD: Yes.

DEPUTY DISTRICT JUDGE HARRIS: I'm not interested in any of that. I simply want to know what your claim is, Mr. Moody, and you're not telling me.

MR. MOODY: Well, I just -----

DEPUTY DISTRICT JUDGE HARRIS: If you don't tell me -----

MR. MOODY: Broadly speaking, there are -----

DEPUTY DISTRICT JUDGE HARRIS: ----- what your claim is, I'm going to strike this application out.

----- (end of excerpt) -----

One of the things the judge was referring to was the document that had accompanied the original claim, which had included this

"And, although the solicitor did not reply to more than 20 letters, over seven months, during which time I slept no more than four nights a week and although my appearance changed during that time, because of the grief, and I had nightmares in which I thought about the loss of my house, and I dreamed I had gone back to see it, and it was gone, just an earthen road, as would be made by the huge grading tool of a developer, and in the nightmare I would ask Richard, 'How could this happen?' and he would say, I applied to the council to have it removed, and you did not respond within ten days."

I think, really until now, I had not understood how it could happen that in court, the road owner could get away with something very like taunting me in front of the judge with something very much like simulated wanking, while the judge could bellow "I take harassment very seriously," and the human rights barrister's response was to mention that my own application is a trojan horse application, etc.

But, with the events at the university (which I have not described to you), I now interpret the actions of all involved as essentially saying to me,

"Yes. this DOES happen. This type of intimidation DOES happen. It CAN happen. Here is an example."

Because, in the six shameful public letters which I wrote, concluding about what is going wrong with university thought, "It isn't happening here," one interpretation is that it indeed is happening here.

I wasn't sure why I had included the correspondence which showed me and Sparrow supporting each other over the concept of not accepting what was essentially the military grant.

I had written that the wish to help people in your community can get distorted in military training, just because of the physical change of mobility; just because petrol buses bring guys from their actual communities into communities of military training. That one way a person could try to minimize the effect of mobility would be to think, "So much changed when I went on that bus, so much further than I would have been able to walk, maybe I should be suspicious of anything that happens afterwards."

The same applies to any agreement which involves supposedly universal commerce.

Thus, here at Warwick, the machinery began to tick over, which leads to a university staff member being dismissed.

It is usually, indeed, a type of coercion, which I am sure is the same coercion which Mr. Mahmood feels in his office, after doing a few pro bono cases, when people start saying, 'ummm....we haven't paid the heating bill.....or the salaries.'

The work of a university is primarily (in importance) pro bono work. But then the university, as universities are currently viewed, is also a corporation, a financial institution, and the source of salaries of the permanent staff.

One of the issues is, are pro bono projects of individual staff members connecting together, in any way.

Perhaps they are, and the irony is myself being one of the last to understand that. The concept that, once John finally understands this, then we can rest assured, finally, that everyone else does.

The reason I mention this is, I had written abstractly, perhaps I could say eloquently, about the notion of the 'little guy' being pushed into non-existence, and my feelings about that.

Yet, to the university, I had written 'It isn't happening here.'

Yet, this was in the face of letters from the university stating that I am in default of my agreement with the employer.

So that, credit to Sparrow, the situation was me writing an unsolicited email to staff saying "I happen to understand what is going wrong at universities," and the official university response to be "No you don't, because no one has paid you to say that. Goodbye."

This does explain Sparrow's having disconnected my university account (including even access to online journals).

One aspect of that is, given the 18 years figure Dimitra mentioned, and the even much smaller relevant number before my cognition goes over the horizon, it did make sense not to try to prove another and another and another of the standard conjectures people make about algebra or geometry.

I have always been more interested in something else, connected to understanding very great expanses of history, for example, and what, to some extent I still would consider, mourning the loss of the distant future, of nature.

another version of fugue**Subject:** another version of fugue**From:** john**Date:** 29/06/2013 21:27**To:** Sparrow

I could not resist working on this a bit today.

I think that the way it is performed is meant to interact with echoes in the cathedral.

John



- [repaired3.mp3](#)

video by Joseph Pelling and Becky Sloan

Subject: video by Joseph Pelling and Becky Sloan

From: john

Date: 01/07/2013 11:29

To: Sparrow

Here is a very very clever video about educational TV by two artists,
Becky Sloan and Joesph Pelling.

The little notepad character is insidiously oppressive from the start!

http://www.youtube.com/watch?v=9C_HReR_McQ

John M

Subject:**From:** john**Date:** 03/07/2013 04:51**To:** Sparrow

I was thinking about how correspondence has more depth than just individual thought.

A student sent me this link

http://www.youtube.com/watch?v=iR_NmkkMmO8

which I also showed to Bruce as he had been making some really good points that complement this. Chomsky is right on to be saying that there has been likely no 'evolution of language' in the last few tens of thousands of years.

Likewise Bruce's interpretation of the archeological record from the Stone age up until 50,000 years ago, versus more recently, was really very satisfying, interpreting the more recent representational items as very incidental things (not portents of huge religious transformations, as anthropologists might do).

But Chomsky has now a weird idea that the purpose of language is in his words 99.9% for thinking, and only .1% for communication. That it is an internal grammar of thought.

Yet, for example, looking at the six emails I sent, there are some funny things about them that only make sense when they are considered to be communication.

Like how when Pete and **** are included in the distribution list, I say that the project is "something abstract," then claim in a different distribution list that this is a lie (it is only an engineering project), but use the same words now to talk about the danger, it is "something fine, something harmless."

So it is clear that the construction "it is something _____" is like my poker tell, what I say when I'm lying.

In fact it is just a sort of degenerate or underdeveloped way of talking about things outside Maths, like a glimpse out the window of a moving car, an unreliable adjectival construction.

Something similar happens with the misspellings. In writing to the Maths staff, I repeatedly try to spell 'announcement' and both times it is misspelled. Later "well-intentioned" is misspelled writing to the same group. But when **** and Peter are on the distribution list, there is a misspelling in the reassurance that the code is going to work.

One concept of the way such things happen is that of course a statement in a language which is made to people is not only the way Chomsky is imagining it in this particular lecture.

Charles seemed to warn me off saying anything about philosophy, mentioning that I should first read and understand Leibniz before trying to understand Kant's refutation, and only then understand Wittgenstein's ideas as putting in a final little finishing touch on what Kant said.

So I won't do that here, but obviously when you look at a statement as made with various people listening, each listener having intentions

with respect to other listeners, then you see language in a different way. Obviously this happens in Shakespeare plays. It is true that such a play, or most conversations, can be parsed as a totally ordered sequence of words. Yet Chomsky puts too much emphasis on this. It occurs only in the same sense that any finite partially ordered set can be embedded (respecting the partial order) into the natural numbers. But as Chomsky is obsessed with computational efficiency, he should be aware that there are very easy linear time algorithms to do that. It just requires a stack, a memory, for the words one is aware that need to be spoken next, and a way of finding a lower bound. And also a notion of what will be a lower bound of future unspoken grammar.

In an earlier version of mtheory.pdf, I said that this faculty is the same one which in an animal like a snail, converts the 'vector field' of intentionality into an actual path on the ground. It was wrong to call it a vector field of intentionality, but the part about the path on the ground is pretty much irrefutable, it is there in the trail which the snail leaves.

At each moment, a snail must resolve all its senses into a direction and a notion of urgency or speed of sliding. I had claimed that when I place a period and pause, and say 'what will the next sentence say,' this is the same faculty, the same instinct operating.

So, resolving many impressions, many senses, into a totally ordered sequence of decisions is not what is new in language, it is not the change that occurred 50,000 years ago.

Anyway, recently I was writing more appeals for two Chinese students, and I ended up totally unintentionally saying that the girl (the weaker student) had managed to attain an 85 in Analysis III, the gold standard for understanding the crucial subject of Analysis in Maths.

They wrote with various corrections, I guess she wrote with corrections, such as

there was one question worth 9 marks last year. But this year, the same question plus another question worth 6 marks. So after exam, lots of students complaint about it.

She seemed eventually happy that I referred to them as a couple, I think. He wrote,

Hi sir
I think my part is ok! But do you think say we are a couple is ok?
Maybe you can say we just two of your students.
Thanks a lot !
Best wish

technical link about k9 advantage and k9 advantix

Subject: technical link about k9 advantage and k9 advantix

From: john

Date: 03/07/2013 14:02

To: Sparrow

technical link about k9 advantage and k9 advantix:

One of the active ingredients is this

<http://en.wikipedia.org/wiki/Imidacloprid>

Note that it now says:

"may adversely affect human health, especially the developing brain."

and

"the UK Parliament has asked the manufacturer Bayer Crop Science to explain discrepancies in evidence they have submitted to an investigation."

Re: technical link about k9 advantage and k9 advantix

Subject: Re: technical link about k9 advantage and k9 advantix


From: john

Date: 03/07/2013 14:10

To: Sparrow

PS

I would never be this tendentious to show this to anyone, but here is an article from the Wiley Online Library, which says that imidacloprid is safe for bees.



☒ REMEMBER ME

[NOT REGISTERED ?](#)
[FORGOTTEN PASSWORD ?](#)
[INSTITUTIONAL LOGIN >](#)

[PUBLICATIONS](#) | [BROWSE BY SUBJECT](#) | [RESOURCES](#) | [ABOUT US](#)

[Home](#) > [Agriculture](#) > [Pests, Diseases & Weeds](#) > [Pest Management Science](#) > [Accepted Articles](#) > [Abstract](#)

JOURNAL TOOLS

- Get New Content Alerts
- Get RSS feed
- Save to My Profile
- Get Sample Copy
- Recommend to Your Librarian

JOURNAL MENU

- Journal Home

FIND ISSUES

- Current Issue
- All Issues

FIND ARTICLES

- Early View
- Accepted Articles
- Most Accessed
- Most Cited

GET ACCESS

- Subscribe / Renew

FOR CONTRIBUTORS


- OnlineOpen
- Author Guidelines
- Submit an Article

ABOUT THIS JOURNAL


- For Journalists
- Society Information
- News
- Overview
- Editorial Board
- Permissions
- Advertise
- Contact

SPECIAL FEATURES

- Wiley Job Network
- Cutting Edge Research
- Latest SCI Events



Research Article
Clearance of ingested neonicotinoid pesticide (imidacloprid) in honey bees (*Apis mellifera*) and bumble bees (*Bombus terrestris*)
 James E. Cresswell^{1,2,*}, François-Xavier L. Robert¹, Hannah Florance¹, Nicholas Smirnov¹
 DOI: 10.1002/ps.3569
This article is protected by copyright. All rights reserved.



Pest Management Science
 Accepted Article (Accepted, unedited articles published online and citable. The final edited and typeset version of record will appear in future.)

SEARCH

[Advanced >](#) [Saved Searches >](#)


ARTICLE TOOLS

- Get PDF (257K)
- Save to My Profile
- E-mail Link to this Article
- Export Citation for this Article
- Get Citation Alerts
- Request Permissions

[Share](#) | [Facebook](#) | [Twitter](#) | [LinkedIn](#)

Additional Information (Show All)
[Author Information](#) | [Publication History](#)

Abstract | **Cited By**

 [Get PDF \(257K\)](#)

Keywords:
 detoxification; ecotoxicology; insecticide; oilseed rape; pulse exposure; recovery

Abstract
Background
 Bees in agricultural landscapes are exposed to dietary pesticides such as imidacloprid when they feed from treated mass-flowering crops. Concern about the consequent impact on bees makes it important to understand their resilience. In the laboratory, we therefore fed adult worker bees on dosed syrup (125 µg L⁻¹ imidacloprid, 98 µg kg⁻¹) either continuously or as a pulsed exposure and measured their behaviour (feeding and locomotory activity) and whole-body residues.

Results
 On dosed syrup, honey bees maintained much lower bodily levels of imidacloprid than bumble bees (< 0.2 ng vs. 2.4 ng imidacloprid per bee). Dietary imidacloprid did not affect the behaviour of honey bees but it reduced feeding and locomotory activity in bumble bees. After the pulsed exposure, bumble bees cleared bodily imidacloprid after 48 hours and recovered behaviourally.

copy of email from my mom

Subject: copy of email from my mom

From: john

Date: 04/07/2013 05:57

To: Sparrow

"Those last emails take some careful reading and thought. I hope you don't mind if I reply later. I t is time to tend to our two cats (clean water and food etc. and make coffee and get ready for breakfast.

Oh yes, about the most important rule we have isn't too much to remember, I hope. We have two indoor cats, sort of old but active, but they don't go out. I think the tri-colored one won't try. She had some sadness in the first 10 years of her life. She was pitiful when we adopted her. She is okay now, but not real confident. She is about 18 years old.

The other one we got from a shelter, was one year old. The folks that turned her in told the shelter she had been an indoor cat, exactly what we wanted because of the street. But we think she had been out, because every once in a while she slips out between someone's legs and off she goes. To feel more free she wants to cross the road and go on. (my interpretation.) Very difficult to get her back. Now there are stray cats around, that could cause real trouble for her.

I know you used to be allergic to cats, so I will make sure things are well vacuumed."

marriage certificate &c**Subject:** marriage certificate &c**From:** john**Date:** 12/07/2013 13:40**To:** Lxxxxx@warwick.ac.uk, Sparrow

Hi Liz and Sparrow,

I just now went to the registry and they say that they'll have a marriage certificate within five working days, they recommend showing up there Friday 19 July to collect it, but said it could well be there sooner.

Our trip to America starts Saturday, the next day; if the meeting with Alison requires that we have the marriage certificate with us, then maybe if we say Friday afternoon, this will mean we will have it, assuming, as is likely, it is ready by the morning.

I had assumed, up until receiving the documents from her, that the whole point of what was taking place was to teach Alison a lesson not to be a bad person. However, as I wrote to you, Sparrow, my feelings about that changed for the not really appropriate reason that I'd seen that she'd somehow managed to include making up my AVC's if I hadn't been able to do that.

I actually do not know what will happen when we see Alison, I am just thinking that Dimitra and Alison will sort it out, and anyway the next day we go on our trip. I actually am still neutral on what it is supposed to mean, aware of two or three possibilities, all essentially equivalent in my mind as far as plans for what I'll do academically.

Sparrow, you said that you're going on a trip starting the 17'th. I confess that when you said that, the only thing in my mind was what that would mean about me, Dimitra and Alison trying to understand what to do. It was nice that you mentioned that I'll see my parents (for the first time in ten years), in a nice way.

What should have mattered more than how it affects the meetings is, where are you going to go? What are you going to think about? Are you going to see people you know, or family, or is it an academic trip?

John

Re: marriage certificate &c
Subject: Re: marriage certificate &c
From: Sparrow
Date: 12/07/2013 14:28
To: john

John - I am going to Ghana to be with the Warwick in Africa students and teachers. I have done it before, and I enjoy it very much. best wishes, Sparrow

Various Points**Subject:** Various Points**From:** john**Date:** 13/07/2013 07:35**To:** Sparrow <cxxxx@warwick.ac.uk>, "David" <dxxxx@warwick.ac.uk>

Hi Sparrow and David,

I thought of some various points this morning:

1. (Foreign Language Supervisors).

About Chinese students, I've been getting a lot of them who have got just below a 2.2 degree (sometimes after having marks like a 1 on S.T.E.P.) who are in a situation where they have a lot of trouble getting any admission to any MSc program and are getting sent back to China.

I wonder about having an allowance for foreign students, that keeps them above the 2.2/class 3 boundary line. Maybe though the issue is that they seem unaware of programs which accept class 3 students. But what happens is that they haven't applied to those, they get acceptances conditional on a 2.2. Another (related) issue is that a lot of them do well in certain modules like Vector Analysis, and students who do well in Vector Analysis tend (statistically) to be the same ones who have things in their file talking about how they have been found to be cheating in other modules. Is this a coincidence?

Could it be that lecturers in pure Maths modules (and also accounting&finance etc) begin to depend on linguistic constructions which are mysterious to foreign students? Why didn't this affect people like S.T. Yao, Xinyu etc? Is it that good Chinese mathematicians are the ones who learned pure Maths modules before coming here, and got the hang of how it is done? Could it make sense to have foreign language supervisors for foreign language students?

2. (Ghana)

I had been writing to people earlier about how it is urgent to learn ways people have lived in other countries before getting influenced by the nonsense of the English empire etc. I sort of remember hearing someone talking about how administrators in those days would have to be brought back to English after 'going native,' which was a moment when they would suddenly take the opinion that the culture, politics, economics etc of the colony they're attending had made good sense, and was getting messed up by the notions of the English colonists.

One of my tutees (nameless) had been wanting to put on his CV how he had been part of this program, and had been 'teaching in Africa.' I don't remember if this was before or after actually going there. I know that Carlos Castaneda's writing about learning from an American Indian was pretty fake, times he had claimed to have been magically transported various places in dreams etc, had been proven to be false as people had proof of where he had actually been, and the books were completely debunked as fiction -- it is possible in my mind that the American Indian guide was either a completely fictional character, or an amalgam of various partly idealized interactions that Castaneda had with some American Indians.

In fact, some people who debunked his books had found that before writing about some experience in the wilderness with his guide, he would have checked out books from a university library which talked about exactly the same thing. So the writings were just a construction.

Castaneda's writings are likely the same type of fictionalized vision of the American Indians as the fictionalized letter supposedly written by Chief Seattle to Franklin Pierce

http://www.wildsnow.com/articles/chief_seattle/chief_seattle.html

Where a journalist eventually wrote that Seattle had said

"The Great Chief in Washington sends word that he wishes to buy our land. . . .But we will consider your offer, for we know if we do not . . . the white man may come with guns and take our lands. . . . How can you buy or sell the sky - the warmth of the land? The idea is strange to us. Yet we do not ownfresness of the air or the sparkle of the water. . . . Every part of this earth is sacred to my people. . . . When the buffaloes are all slaughtered, the wild horses all tamed, the secret corners of the forest heavy with the scent of many men, and the views of the ripe hills blotted by talking wires, where is the thicket? Gone. Where is the eagle? Gone. "

...the very careful historical analysis by Jerry Clark, of the National Archives and Records Administration, records him as having said instead, on that exact occasion,

"I look upon you as my father, I and the rest regard you as such. All of the Indians have the same good feeling toward you and will send it on paper to the Great Father. All of the men, old men, women and children rejoice that he has sent you to take care of them. My mind is like yours, I don't want to say more. My heart is very good towards Dr. Maynard [a physician who was present]. I want always to get medicine from him."

"Now by this we make friends and put away all bad feelings if we ever had any. We are the friends of the Americans. All the Indians are of the same mind. We look upon you as our Father. We will never change our minds, but since you have been to see us we will be always the same. Now! Now, do you send this paper."

One problem is that the relationship between cultures had become an unequal power relationship, one culture knowing that another culture holds its fate in its hands. But that is a simplification I guess. It reminds me of when a wild animal like a squirrel gets in a house, and starts bashing against the walls. Indigenous people want development, maybe it is only with a shared perspective that things could be understood. Then our wisdom would involve understanding concepts of danger which they're not aware of.

3. I was thinking about how I more-or-less got manipulated into taking an ethical position RE Warwick. That my comment about welcoming ethical guidance is one which I didn't understand myself at the time when I wrote it. For example, even focusing my wrath away from the REF had been some intentional advice. I was reading through some of James' writings over the years, and how it is really nice, like almost an extension of Analysis III to a further version of analysis, that is very rigorous, bringing in Hilbert Spaces etc. The notion of a MASDOC training which uses that extension of classical analysis is very nice and natural, it fits well with Roger's Analysis notes for undergraduates. So my complaints about EPSRC do not extend to thinking it was wrong for them to fund such a type of further MASDOC. I was referring really to myself, my own temptations, only, of course, and the battle against these. Yet, if Maths is, to use a Sarah Palin expression, 'ultimately,' about finding an overall perspective, then there is also the issue of postgrads finding a sense of perspective which is independent. It is quite ironic that my own sense of perspective is not at all independent, though. Though in some ways it has always been a bit independent because of 'not getting it' when there is a trend. Maybe this is one of the things I am thinking about too re our overseas students.

John M

Reference: Jerry L. Clark, Thus Spoke Chief Seattle: The
Story of An Undocumented Speech,
Prologue (U.S. National Archives
and Records Administration)
Vol. 18, No. 1

Re: Various Points

Subject: Re: Various Points

From: john

Date: 13/07/2013 08:44

To: Sparrow <cxxxx@warwick.ac.uk>, "David" <dxxxx@warwick.ac.uk>

PS

Here is some current government information from Connecticut [1] about how the universities are helping the traditional American Indians (it is funny)

"Traditional ways co-exist with new practices. Hunting, fishing, and gathering, along with small-scale horticulture, remain a part of their management repertoire, but the tribes have also embraced modern technologies and techniques for managing their lands."

"A shared interest in protecting and preserving natural and cultural resources has led to a number of collaborations between the tribes and academic institutions and federal and state agencies. Elders and archaeologists work together to identify and protect important cultural resources."

"Using non-invasive ground-penetrating radar, they have been able to locate, identify, and protect previously unknown burial grounds."

About Andrew, I may have mentioned a few times (not yet to Andrew) that there is a French computer scientist named Lionel. He is employed in France as a computer guy, maybe an IT person. My hope is that he would come here, but I have just refused to apply for any grants for him, for some time.

There is something sad, unfair, and unresolvable about the relation between universities and the outside world.

Here is what he wrote to me one time,

"Coincidentally, I happen to have given this some thought."

"If we, as a society, widely decouple academic positions from getting a salary, in effect we are saying:

- Only the "rich" can be academics, for some value of "rich": it takes time, time during which one cannot pursue "normal" financial profit.

- The "not very rich" whose academic work is the only (or main) skill, are in for a much tougher ride: they need to derive their income from some other source, but that's harder since no other skill."

"These are traits which I associate with European society of >= 100 years ago, when science was the "hobby" of some privileged. That's a societal choice, the kind we (we = society globally as a whole) make all the time, without necessarily thinking about it or even being aware of it...."

"...I think the salary is also a concrete sign that "society as a whole" finds your work useful: it is an external validation that is, in some way, stronger than accepting your article for publication: the person (or organisation) accepting your article does not have to shell out 40000 \$/ for that; the person that decides to keep you employed has to do that **every* *year**, so there is a natural limit on how many people one employs. That limit is much stricter than the number of articles accepted for publication, so there is value in the recognition attached to that salary. By decoupling salary and position, we lose that natural limit and dilute the value (in terms of validation) of the position; if one has a strong persona, this is not necessarily a problem. But some (many?) benefit from such an external "guide" of "this work society is willing to pay for, this other work, not". Note that for this role, the salary does not per se have to be paid to the academic; it could be given to charity, as long as it ***costs *** the position provider."

References:

1. T. Glaza, P. Grant-Costa, Breaking the myth of the unmanged landscape,
Connecticut-explored(formerly Hog River Journal) Vol. 10 (2012)
2. Lionel (correspondence)

Re: footnotes
Subject: Re: footnotes
From: john
Date: 14/07/2013 09:48
To: Sparrow
CC: axxxx@warwick.ac.uk

Just further to that, sorry to include the swearing that this kid put in his facebook post, but it does remind me that the open learning project here at Warwick did something almost like that.

I sort of recall that they had this thing where they bought all the kids in the project an IPAD.

A lot of kids who *do* have android devices can't get hold of a file browser, most can't download any .apk files -- they get locked into Google Play which requires an android 'device id' to correspond with a gmail account name, and then installs apps without ever giving you the .apk file.

John M



about an hour ago

Thanks for all the birthday wishes, but I have some sad, rather angering news. I won't be able to start my App development career because my ignoramus of a stepfather purchased an iPhone 5 instead of a Galaxy S4 despite me EXPLICITLY telling him not to. I consider this to be a low blow, not for my dreams of making fun apps and games, but a low blow to my self esteem and reputation as well. Now I guess I'm demoted to Hipster trash. The kind of asshole who buys some niche product in order to feel like he's different...in order to feel like he's part of something. I'm not a weakling like that. Never will I ever be!

I've been slowly going crazy all weekend, trying to use this piece of fucking garbage. No open source capabilities? No extended customization? Why isn't Crapple marketing this as a TOY or something? Nobody with an IQ over 70 wants a smart device that's only capable of Facebook and Angry Birds. Give me sheer power. Give me video game emulators. Give me the peace of mind knowing that I have control over something I paid my money for!

This fiasco has only made my hatred for Crapple grow exponentially. Every time I see someone using an iPhone or an iPad...or even a CrapBook, I instantly hate them...and now thanks to my IDIOT stepfather, I'm now one of them. I'm an Apple sheep. How dare you. How FUCKING DARE YOU.

Re: footnotes
Subject: Re: footnotes
From: john
Date: 14/07/2013 09:51
To: Sparrow
CC: axxxx@warwick.ac.uk

Ah yes, here it is!

They go to the Globe Theater!! And then they write "Why use an iMac?"

http://www2.warwick.ac.uk/fac/cross_fac/iatl/activities/projects/osl-final/technology/case_studies/unpinning/

Re: footnotes
Subject: Re: footnotes
From: john
Date: 14/07/2013 09:53
To: Sparrow
CC: axxxx@warwick.ac.uk

And look at this, our glossary about technology has the definition of an iPod touch. We are the 'apple sheep' which that kid was talking about

http://www2.warwick.ac.uk/fac/cross_fac/iatl/activities/projects/osl-final/technology/wiki/

Re: footnotes
Subject: Re: footnotes
From: john
Date: 14/07/2013 10:17
To: Sparrow
CC: axxxx@warwick.ac.uk

PS

Here is a screenshot of an email I rec'd from my sister recently, and all the various Microsoft alerts that it generated insisting that I have to buy Microsoft Office to see what she drew.

I am not sure if she'd done this intentionally, I thought it was clever that I couldn't download her drawing.

She was trying to send me a .jpg file, and somehow her email provider got her locked into a Microsoft network that requires it to be converted to a .doc!

I've mentioned before how Microsoft Windows makes it impossible to create a .html file -- it secretly makes a .html.txt file unless you know how to 'unhide file extensions for known file types.'

The screenshot shows a Windows desktop with a green taskbar. A Google Chrome window titled 'Word Web App Help - Google Chrome' is open, displaying the Microsoft Office help page. The address bar shows 'office.microsoft.com/client/15/help/home?Shownav=true&lcid=1'. The page content includes a search bar, a 'Time to upgrade' section, a 'Let the add-on run' section, and a 'Set security in Internet Explorer' section. In the background, a Microsoft Word window is partially visible, showing the text 'We're opening your Microsoft Word...' and 'My document opened successfully, close...'. The Word window also displays 'Did you run into issues?' and 'Get Microsoft Word...'. The bottom of the Word window shows 'Learn more about the requirements...'. The bottom of the Chrome window shows 'PAGE 1 OF 1'.

Word Web App Help - Google Chrome

office.microsoft.com/client/15/help/home?Shownav=true&lcid=1

Word Web App Help

Search help

Time to upgrade

If you want to use the **Open** command, use a recent version of Office.

Depending on which browser you have, the add-on is installed with Office as far back as Office 2003 (Windows) and Office for Mac 2008 12.2.9. So if your version of Office is older than that, the only way to get the add-on is to get the most recent version of Office. You can try the new version of Office for free.

Let the add-on run

If you have the right kind of browser and a recent version of Office, your security settings in Internet Explorer might be too strong. Or, the add-on got turned off. Here are instructions for correcting both problems:

Set security in Internet Explorer

1. Go to **Tools > Internet Options**, and then on the **Content Advisor** tab, click **Turned On**.

Microsoft Word

We're opening your Microsoft Word...

My document opened successfully, close...

Did you run into issues?

Get Microsoft Word...

Learn more about the requirements...

PAGE 1 OF 1

Subject: office B1.21 is available now
From: john
Date: 14/07/2013 14:21
To: Sparrow

Hi Sparrow,

I tidied up the office B1.21 and it is ready for the next user. I left the old computer (the decommissioned one) and monitor and the boxes and wires etc on top of the filing cabinet, and I'm donating the 'genius' brand computer speakers to the next user, which are still connected to the new computer.

The account on the computer 'previous user' could be deleted without any problem, it has an extra backup of Miles lectures in case all the copies in my house somehow got deleted or stolen at the same time, but under ordinary circumstances it would not be necessary to hassle the new user for them.

The office key is in your pigeonhole, and I dusted the office a bit with a cloth. When Charudatta retired I had given him the second copy of the key, hoping that he would be there with me, thinking now, he probably passed it on to Angela.

His lectures about ring theory and homological algebra were very useful to B****, as the questions relate to the preliminaries for learning about things he needs to know to work with *** and *** at ***, and also they helped him in preparing for their qualifying exam.

John

Reddit, the creek, mathematics**Subject:** Reddit, the creek, mathematics**From:** john**Date:** 16/07/2013 06:22**To:** Sparrow

Reddit links to a 12 MB video from youtube, which shows someone living near the St Clair river, complaining of the damage caused by the new huge 1000 foot boats that have started going up the river. The description of the video says

"The displacement effect caused by a 1000 foot long Freighter heading northbound on the St. Clair river can cause damage to canals.... This canal used to be a breeding ground for numerous fish species such as Bass, Walleye, even Sturgeon. Now, because of years of damage - all aquatic life that used to breed in these streams is absent."

As the video pans back, you see a full 360 degree view of closely mowed lawns for miles around. The very resident who is making the video is one of them, he and his neighbours have, for no reason, stripped away every bit of nature. I've quoted before how Darwin had said,

"It is interesting to contemplate an entangled bank, clothed with many plants of many kinds, with birds singing on the bushes, with various insects flitting about, and with worms crawling through the damp earth, and to reflect that these elaborately constructed forms, so different from each other, [are] dependent on each other."

Yet, in the video, the resident, panning his camera around so that we can see the devastation, blames the huge thousand foot boat in the distance, making its progress up the St. Clair river, saying of such huge boats, "They damage property, they damage boats."

An area of the USA larger than all of New England is lawn like this; even environmentalists appear not to be concerned, reminding us that this is negligible compared to the area of agricultural land, barren except for crop species. Reminding us that lawns produce oxygen and take up Carbon dioxide, they help with global warming.

It worries me how in the video, that it is an area around creeks like this where people live, where the lawns are made, each person wanting to live in nature, but wanting to clear his own property of the complexities of nature; mourning the death of nature, while quite obviously and directly causing it; the neighbours regretting the absence of nature which in collaboration they cause, always blaming a huge and distant enemy.

There are times when people did seem to be able to collaborate, like in times of war. Then there are things like the cenotaph here in Coventry, or the tomb of the unknown soldier in America. There, finally, is a sense that someone was good, someone was noble, or had the right idea of what was to be done, and acted in a way that was altruistic, to take away all thoughts of their own life, their own future.

These neighbours may be like that, they may join together and lobby for a regulation limiting the size of ships. When, it seems, something more personal, a more personal understanding, would have given their little ecosystem the resilience it would have needed to stay protected from huge unpredictable changes which the future increasingly will bring.

It is funny how, in Mathematics, once a person is a little bit strong, it cannot hurt a person to blame and attack them. That is something a little unique to European scholarship, perhaps. In talking about the relationship between Galileo and the pope, the usual story is to blame the pope for persecuting Galileo. He did nothing of the kind. He asked Galileo to take a more relativistic view, that it does not matter whether we should think that the earth revolves around the sun, or that the sun revolves around the earth. Galileo was not tortured, he was not persecuted. Every story of intellectual victory in scholarship is told as if it had been a victory against an adversary. In most cases, the adversary is then an originator of the idea, while in the historical record, the adversary is not lauded as a thinker.

The accusations against Marie Antoinette, formulated by the tutor of Louis-Charles, that she has abused her son, typify European scholarship. There was no pressure to execute the nominal heir, the court needed to consider if he should be saved from her.

And European scholarship included the more religious concept of equity, predating the concept of law, in which accuser and accused are defined, but what today seems paradoxically.

Today, the notion of a thinker is like the notion of the thousand foot ship, making its way up the river wreaking destruction, or bringing profitable property, depending on where your interests lie. The thinker takes a position as in a debate, drives the water in one direction, leaves good for some and damage for others in the wake.

Yet there are thinkers, for example mathematicians whom I know, who are of neither type. Neither the persecuted victim, like Galois, defeated and killed with his paper rejected, or like Einstein, relegated to the patent office when he had wanted to be a physicist, or Galileo, with his idea rejected and destroyed by the pope himself.

Nor the powerful ship forging unforgivingly down the river, like Galois, proving his editor wrong to have said that there should have been a broader theory, and inventing the new and revolutionary concept of a group of transformations; or Einstein, understanding for the first time ever, that Galileo had not been uniquely right after all to think that the earth revolves around the sun.

That is, there are mathematicians whom I know, who are not known to many people, and I've sometimes commented about this to their students. How, the very words which a thinker uses can be copied, with the closest ones to him or her knowing the actual identity of this person, the actual originator of those words; but that it seems ridiculous to attach names to the words. These are people who think thousands of years into the future, and they know their names will never matter, perhaps.

If you hypothesize that there is somewhere a really great thinker, and if you imagine what would be his or her opinion about his or her name, you have to imagine all of humanity like a condemned child, a child who has fallen, who is crying. If there is really somewhere, a great humanist, an ideal humanist, then, emotionally, how will this person be feeling, when encountering all the incipient tragedy one would understand?

A great thinker, if one existed, would be like a parent whose child has fallen in a road, and who is still in great danger. And if the child, at that moment, stopped crying, and looked up, and said, "What shall I call you?" how would you feel?

If the child said, "Let's assess whether the help you wish I could have, and which I can never have, meets my approval fully, and is worthy of my respect," how would you feel?

If there really were a great thinker, a humanist thinker, this person would just be worried about the tragedy that is taking place, knowing that soon all names, and all individual identities will be forgotten.

The ironic thing, to me, is that I know a few people whom at times I have thought to be great thinkers like that, and I understand that their hope is to try to begin to become unconfused; they realize that they will not, and they put their trust in students. And I have been a student of some of them, who have always rejected any papers which I've submitted to them, acting as anonymous referees, with dismay at the way anything which I write was not helpful or insightful. And I will never learn their names.





Certificates and Form**Subject:** Certificates and Form**From:** "Elizabeth" <hxxxx@warwick.ac.uk>**Date:** 16/07/2013 08:58**To:** "Dimitra" <Dxxxx@warwick.ac.uk>, "John" <jxxxx@gmail.com>**CC:** Sparrow" <Cxxxx@warwick.ac.uk>

Dear Both

Thanks for the mail explaining about the marriage certificate which you hope to get on Friday.

This need not hold up you coming in and delivering the signed form and other certificates to Alison in pensions. The marriage certificate can follow later.

Can I suggest that you contact Alison to discuss when might be a convenient time to do this and how to deal with the marriage certificate if it is not available on Friday.

Many thanks

Liz

RE: Certificates and Form

Subject: RE: Certificates and Form

From: "Dimitra" <Dxxxx@warwick.ac.uk>

Date: 16/07/2013 10:28

To: "Elizabeth" <hxxxx@warwick.ac.uk>, "John" <jxxxx@gmail.com>

CC: "Sparrow" <Cxxxx@warwick.ac.uk>

Dear All

I have already emailed Alison and am waiting to hear from her.

Dimitra

From: Elizabeth

Sent: 16 July 2013 08:58

To: Dimitra; John

Cc: Sparrow

Subject: Certificates and Form

Dear Both

Thanks for the mail explaining about the marriage certificate which you hope to get on Friday.

This need not hold up you coming in and delivering the signed form and other certificates to Alison in pensions. The marriage certificate can follow later.

Can I suggest that you contact Alison to discuss when might be a convenient time to do this and how to deal with the marriage certificate if it is not available on Friday.

Many thanks

Liz

Re: Certificates and Form

Subject: Re: Certificates and Form

From: john

Date: 16/07/2013 14:33

To: "Dimitra" <Dxxxx@warwick.ac.uk>

CC: "Elizabeth" <hxxxx@warwick.ac.uk>, "Sparrow" <Cxxxx@warwick.ac.uk>

PS

It was a bit unfair on Reddit for me to have posted that whole thing...it started as a simple Reddit reply, to actually try to induce that one person to stop mowing his lawn...then I decided to send it to Sparrow, only then added a bit about how mathematicians are, actually, invulnerable to intellectual attack, and the rest.

I should only have posted the first part to Reddit, it deserved not to be read in its entirety (they have a tradition that for long posts you are supposed to write at the end TL;DR which means 'too long, didn't read' and then a one sentence synopsis.

I didn't do that, and that is why it was downvoted.

John

private shoe store/h

Subject: private shoe store/h

From: john

Date: 18/07/2013 17:22

To: Sparrow

I know that you're in Africa now, in Ghana, and many things happening. So it is weird now that I'm writing to report something so trivial.

The comparison between buying a pair of shoes and writing maths.

The letter to Jan made me feel nice, it is appended here what I wrote, including a nice link to the video David E. helped with, and a connection between this video and the Davis manifolds, to Thurston, Singer, Charney, Hopf, Erdos. All so nice...the letter at the end.

But what traumatized me is, Dimitra said, if we are going hiking I should buy some suitable shoes, and she told me which shopping center to walk to.

There, in a Mountain shoe store, an old woman was there to help me. And she kept herself low, ready to help me put on shoes. She asked me to sit down. Everyone working there was young, but she was very old. And she was servile to me, and listened to all my concerns about my feet, even if I had to fabricate some to make her job seem less trivial. And I walked with her, purposely a bit behind her out of politeness, with some very expensive sixty pound hiking shoes. My worries they would be hot, so enclosed, all taken care of.

I wore them a little during the day, and when Dimitra got home she was furious. I was meant to buy something more like just some trainers, and she asked me to return these.

Back at the shoe shop, I just said I might return these, but the now young woman working there suggested I might trade them for something more suitable. I had said Dimitra says these will be too hot and too expensive.

When I did come with some others, cooler, and only 35 pounds, she said, I have to call the manager. The manager noticed that they had dust on the soles, and started saying they are unsaleable. He was partly worried about how the tongue was wrinkled, but I showed him even the new ones he has are like that.

And I admitted I had worn them; he said then he can't take them back. I said, we can just wipe them off with a wet cloth and no one will know. A group of customers were listening and he said absolutely not.

I said, I will buy the ones that are suitable, for 35 pounds, and he can keep these here until it is sorted out whether we should get a refund. The receipt says you can get a refund up to 28 days after purchase.

He said, for me just to take them, I asked if there is any other person I can talk to, he said he is the manager but I can call customer service. He also called a second manager, an Indian guy. The Indian guy said, just take them home, clean them up, and bring them back. I looked at the English guy and he said no you cannot do that. A group of people was still listening too. My guess was that he thought now I was an appointed shopper to test him, and so he was quite clear, no way are these getting returned. I said, I'm not any sort of special shopper, it is just me.

He also had mentioned me being confrontational, and I lied now.

I had lied earlier in the conversation, saying I'd only worn them across the street. I lied and said that the saleswoman had put them on my feet knowing I would walk out. I said that she had 'set me up.'

And now I lied and said, I am not trying to be confrontational, but I want to be sure that I'll have enough money for my trip. That I'm leaving on my trip and if I have to pay for the shoes that are cool enough and also these I might not have enough money for my trip.

It was a total lie, and a shameful lie, because these guys really do live from paycheck to paycheck. I had said the kind of thing that would melt their hearts. They probably do really save for a trip, and if something financially goes wrong it is heartbreak for them.

It hadn't been my intention to try to break their hearts, but they were treating me like I was being obstreperous and hateful. And I then had told a lie that I knew would make them see me as a human being, as someone like them.

But the truth is that although if I had lost sixty pounds over this, over getting some shoes far too hot to wear for the trip, and needing to get some others, it would have meant Dimitra would be furious at me. It would have meant facing Dimitra's principled wrath about how I can never seem to be a sharp businessman.

But it would not mean that my lifelong dream of a trip would be affected.

So I ended up sort of pleading poverty to two managers in a Mountain shoe shop here in Coventry, and I feel really awful about what I did, I just do not know if my self esteem can recover.

I wanted them to stop shouting at me, I wanted their sympathy, I wanted them to treat me as a human being.

I should not have been honest about how I had worn the shoes, I should have wiped the dust with a cloth and lied and said they have never been worn.

But failing that, I told a worse lie. I pretended that I needed the refund because I need the money.

I do not need the money, I only *want* or *prefer* that Dimitra will not end up shouting about how I am not a sharp businessman.

But the only option I have for being a sharp businessman is to throw myself on the mercy of the feelings of another businessman, and the sharpness is only in lying to make myself seem pathetic to them, when I am not pathetic.

I feel like writing a long letter of apology to these shoe salesmen, and to anyone else I have ever done this to.

Hi,

Just further to this, I think I know what Mike's manifolds may be, I think it is this

<http://www.youtube.com/watch?v=MKwAS5omW w&t=04m52s> or possibly the dual picture of this.

Here they seem to have six edges coming into each vertex, and so at a

corner there is the exact combinatorics of eight cubes meeting. A neighbourhood of that vertex meets a small sphere at a triangulation of the sphere, but it is the same one you would have if you tessellated three space with cubes in the usual way. But the solid shapes are not cubes.

Maybe in the dual picture the solid shapes are cubes but the triangulation of the two sphere is the exotic one.

If a five sphere triangulation could be found with that number positive, it would mean that all of these conjectures (Hopf conjecture, Thurston conjecture, Singer conjecture) were just nonsense.

But looking at the way they were guessed, it was because they would find some very trivial examples coming from Geometry. Mike had some insight to try to look for counterexamples.

A difficulty is that I do not have any idea of how one would check that something is a triangulation of a five sphere. Your result saying that various triangulations can't be anything but triangulations of a particular simple type of sphere goes in the wrong direction then. The implication is going in the wrong direction.

One thing I don't know is if it would be a waste of time to start with triangulations of a join of spheres, or if things like Thurston's Hopf conjecture once known for triangulations of spheres implies it is known for the joins -- in which case it really would be a waste of time.

John M

excerpt**Subject:** excerpt**From:** john**Date:** 12/08/2013 21:22**To:** Sparrow

Here is an excerpt from a psychiatric report after I had been at St. Andrews for more than 1 month. I found this while sorting papers.

"I would be inclined to continue him on his present medications which he is agreeable to take and, although he would take an antipsychotic medication, he himself does not believe that this is currently indicated. If, however, he were to become emotionally aroused once more, then it should be considered, for I believe him to have a schizoid personality with obsessional features and is prone to delusional psychotic episodes.

A diagnosis of **schizophrenia** would be quite appropriate; particularly if he has a further psychotic episode."

--

John M

Re: excerpt
Subject: Re: excerpt
From: john
Date: 13/08/2013 04:07
To: Sparrow

Well, I am done sorting through all those papers. It seems that the time at St. Andrews and afterwards was mainly characterized by a lack of trust. Out of caution, my requests for medical treatment to be resumed were for a minimal medical intervention to help cope with the fatigue. The objection by doctors that low doses might not be effective led to Psychiatrists denying treatment altogether because they did not want to aid and abet a delusion. My descriptions of continuing fatigue were eventually tentatively diagnosed as paranoid schizophrenia, With the perspective I have now I could have my case more clearly, rather than saying what the staff wanted to hear.

My 'treatment intensity for pathogens of a compound life cycle' is a gentle and early response to the doctors' underlying misconception that undetectable levels of virus cannot relapse. The whole discussion, as I clearly say, and all the calculations, refer to cases which can include undetectably low levels of a pathogen. An earlier draft of the article was just a list of the doctors' mistakes in my own case.

It would be nice if somehow the more serious errors which American scientists are making re the environment could be likewise eventually understood.

In American schools, elementary school and high school, in history or politics one is taught debating, how to argue both sides of an issue. Sometimes, then it almost seems, what determines which side of an issue you will take is just what job you end up having.

I do not know anything about corporate lawyers, who make a case according to how they are contracted. It seems different than when lawyers make opposing arguments in a civil or criminal hearing. When a case is made by a corporate lawyer there is not always an opposing lawyer, or an opposing case.

Anyway, Americans are just ridiculous. They have been eating wheat gluten and corn in the form of high fructose corn syrup, these happen to be the prevailing crops. Instead of just cutting down on these, they have trendy medical theories that gluten is the cause of hidden generalizations of celiac disease and insist on 'gluten free' food. And theories published by journalists in National Geographic and elsewhere claim that the craving for fructose began with a particular mutation in apes on the simian plains.

That is, Americans generalize from their own experiences in a careless and un-researched way.

In Maine, I was told more than once that in the days preceding July 4, if you do not mow your lawn, someone will do it for you. There is algae on the rocks now essentially everywhere I saw, at Copake Falls, and in the Bay of Fundy. I am sure that if I look into it it will support what one hears, all the fresh water streams, rivers and lakes, and all the salt water bays are polluted with nitrogen compounds in runoff. Surely ecologists will have studied this.

Re: excerpt
Subject: Re: excerpt
From: john
Date: 13/08/2013 10:19
To: Sparrow

Here are the objectives [1] of the 1992 UN convention on biodiversity, which talk about fair and equitable sharing, sustainable use, and appropriate funding. It reminds me of how every decision which the European Court of Human Rights takes is just to allocate funding (financial compensation) to applicants.

"The objectives of this Convention, to be pursued in accordance with its relevant provisions, are the conservation of biological diversity. the sustainable use of its components and the fair and equitable sharing of the benefits arising out of the utilization of genetic resources, including by appropriate access to genetic resources and by appropriate transfer of relevant technologies, taking into account all rights over those resources and to technologies, and by appropriate funding."

1. Reference: Convention on Biological Diversity, United Nations (1992)

contradictions in environmental thinking**Subject:** contradictions in environmental thinking**From:** john**Date:** 13/08/2013 12:34**To:** Sparrow

These photos show some of the mosses in the Quoddy state park, and, secondly, the foam in the streams there.

One issue is that throughout Maine people use wells (groundwater) for drinking and washing, and after surfactants are added (both laundry and dishwashing detergents) the water is discharged again into surface water.

The surface water is not the same as groundwater, although both run through the ground. What is called groundwater is deeper, usually.

At Quoddy there is a level known as the 'rainwater level' where water is trapped in the mosses (shown). There was once, before motorboats, a floating island on lake penisiwasi in Maine made of similar mosses, which had been there since ancient times and would float freely around the lake (not sure how floating islands relate to the different water levels).

Below the rainwater level is the surface water level. Below this is sea level which is salt water. The different levels do not intermix.

Clearly the surface water is polluted by surfactants. A paradox is that environmentalists call for development of a closed system of city water and city sewage, in that way claiming that development reduces the pollution.

I was born in 1955, fifteen years after surfactants had begun being distributed. The marshes I got to know had septic tanks in them, large concrete tanks, and some scent of human sewage was in the marshes, and had been for many many years, but the marshes were healthy.

Around the corner, whenever a wave replenished a pool would be little brine shrimp, running in the water using their legs, and not seeming to care about gravity, about which way is up. You would see star fish tumbling, finding a rock to stand on, walking slowly around; sometimes sand-dollars, razor clams, and skate egg-cases. Always perriwinkles, little sea-urchins, tiny crabs and all these things moving and crawling what seemed contentedly among the barnacles, sea weed, and mussells. Occasionally a muskrat would swim past. There had only been city water for some years as the groundwater is salt water there.

In around 1968 the city required residents to pay for city sewage even if they did not wish to be connected. We all protested, but in the end accepted city sewage, and the septic tanks were removed from the marshes. The marshes began to perish only later.

The sewage, not only from coastal neighbourhoods, but from inland cities, was being pumped out to sea then.

It seems paradoxical to say that an even higher tech sewage system would cause less damage.

The Quoddy bogs are healthy in some ways despite being obviously polluted by surfactants from septic tanks somewhere.

It is maybe ironic that all that pollution stems from a wish for clothing to appear fresher than it would be if it had been washed in ordinary soap. I remember all that marketing showing housewives' husbands being delighted at how their clothes sparkle.

A Canadian high school student, Josh Le, once did a research project where he did not wash his blue jeans for more than a year, and reported on any social stigma or scent which may have resulted. He reported that there was no unpleasant scent nor any social stigma associated with wearing unwashed jeans for more than one year.

Cameron recently, here in England, is in the headlines -- since I have no access to the library I am more-or-less forced to think along the lines of recent news headlines to some extent. He says we should get behind fracking. For people in America, who depend on groundwater for their wells, the notion is frightening. We don't know what separates the higher level where septic tanks discharge from the lower level where we get fresh drinking water.

In England there is a completely closed chemical system to some extent, or at least there is claimed to be. It is then a bit of a paradox why there is nothing living in English rivers.

John M





Re: contradictions in environmental thinking

Subject: Re: contradictions in environmental thinking

From: john

Date: 13/08/2013 12:58

To: Sparrow

Here is the lighthouse at Quoddy Head with the strimmer, garden hosepipe and rubbish bin.

I didn't realize I'd taken this (I was just photographing the lighthouse!).



Funny video (truthland)

Subject: Funny video (truthland)

From: john

Date: 13/08/2013 13:41

To: Sparrow

http://www.youtube.com/watch?feature=player_embedded&v=iTJaaeiuzSU

Re: Funny video (truthland)
Subject: Re: Funny video (truthland)
From: john
Date: 13/08/2013 14:30
To: Sparrow

Added paragraph to Wikipedia

Existing:

In an article for Forbes magazine, Dr. Michael Economides, a professor of engineering at the University of Houston, commented on the Gasland scene of "a man lighting his faucet water on fire and making the ridiculous claim that natural gas drilling is responsible for the incident. The clip, though attention-getting, is wildly inaccurate and irresponsible. To begin with, the vertical depth separation between drinking water aquifers and reservoir targets for gas production is several thousand feet of impermeable rock. Any interchange between the two, if it were possible, would have happened already in geologic time, measured in tens of millions of years, not in recent history." [32]

Now added:

The movie Truthland, funded by the gas industry, quotes Loren Salsman of Dimock PA saying that although gas in fact did migrate from 1500 feet to surface water subsequent to fracking, the problem can be easily repaired by adding cement "There was some methane migration when they drilled the well up on the hill here, uh, they didn't do such a great job cementin' the well, and it caused a little bit of the methane down around 1500 feet to spread.....They came back, pumped more cement in last October, and since then the levels have gone down and now they're back down to normal."

I saw your comment about Fredrickson&Losada in a Reddit link**Subject:** I saw your comment about Fredrickson&Losada in a Reddit link**From:** john**Date:** 14/08/2013 04:46**To:** Sparrow

I saw the link in reddit in the subreddit /r/science which says

Ratio for a good life exposed as 'nonsense' by A 52-year-old, part-time graduate student with no previous training in psychology and little math education beyond high school.(sciencenews.org)

Here is the article

Ratio for a good life exposed as 'nonsense'
Highly touted measure of emotional health criticized as math disaster

By Bruce Bower

August 12, 2013

A 52-year-old, part-time graduate student with no previous training in psychology and little math education beyond high school has knocked a celebrated measure of the emotional mix needed to live well off its mathematical pedestal.

Nicholas Brown, who is completing a master's degree in applied positive psychology at the University of East London in England, teamed up with two colleagues to demolish the math at the heart of a widely cited October 2005 American Psychologist paper that claimed to identify the precise ratio of positive to negative emotions that enables life success. The researchers' takedown of what's known as the critical positivity ratio appears July 15 in American Psychologist.

It's slightly worrying to discover that a leading journal could publish an article with so many obvious errors in it, Brown says.

His report joins a movement in psychology to clean up research practices (SN: 6/1/13, p. 26).

One of Brown's coauthors is physicist Alan Sokal of New York University. Sokal gained notoriety in 1996 by publishing an intentionally nonsensical paper in a leading peer-reviewed journal of cultural studies.

Psychologist Barbara Fredrickson of the University of North Carolina at Chapel Hill and psychologist Marcial Losada, head of Losada Line Consulting in Brasilia, Brazil, coauthored the 2005 paper. In a response published alongside the new critique, psychologist Fredrickson acknowledges that their paper employed now questionable mathematics. But she devotes most of her response to shoring up the argument of the 2005 paper by describing evidence that people do best when positive feelings exceed negative feelings by a factor of about 3 to 1 roughly equivalent to the contested critical positivity ratio.

Responding to a request for comment, Fredrickson told Science News that she's not speculating any further on these issues. Losada, whose firm uses the ratio when advising companies on improving employee productivity, declined to write a response to Brown's paper.

Brown first read Fredrickson and Losada's paper in November 2011 as a class assignment. The study used mathematical equations known as Lorenz equations to calculate how positive and negative human emotions change over time. In 1963, the mathematician Edward Lorenz published the equations to model how fluids change over time. Fredrickson and Losada used the equations with emotion data from volunteers tracked for 28 days. The researchers determined that creativity, helpfulness to others and other elements of flourishing characterized people who displayed a ratio of positive to negative emotions above 2.9013:1 and below 11.6346:1.

People whose balance of emotions fell outside that range languished in an unproductive state, the two psychologists concluded. Their report emphasized the lower ratio as the critical threshold to cross in order to flourish in life.

Upon reading a 1963 paper on Lorenz equations with some difficulty, Brown realized that the equation Fredrickson and Losada used to calculate the critical positivity ratio had no connection to their emotion data: Regardless of the volunteers' data points, the equation would simply generate the same, meaningless number.

Brown then asked Sokal and psychologist Harris Friedman of the University of Florida in Gainesville to analyze the 2005 paper more completely.

What's shocking is not just that this piece of pseudomathematical nonsense received 322 scholarly citations and 164,000 web mentions, but that no one criticized it publicly for eight years, not even supposed experts in the field, Sokal says.

Brown and his colleagues' sacking of the critical positivity ratio is on the mark, comments mathematician Colin Sparrow of the University of Warwick in England, who studies Lorenz equations.

The equations belong to the field of nonlinear dynamics, which describes how small changes in a few variables that evolve independently mainly in physics and chemistry can lead to complex consequences.

In the 2005 report, Fredrickson and Losada failed to show how individuals' self-reported feelings could be mathematically described as quantities that vary smoothly over time, as the Lorenz equations require, Sokal says. Two earlier papers by Losada that examined emotional changes in groups suffered from the same problem, he adds.

Losada and Fredrickson also plugged into key parts of their calculation values that had been adopted by Lorenz for his fluid analysis, Sokal says. There's no reason to assume those values also apply to emotional changes, rendering the critical positivity ratio entirely fanciful, he concludes.

No retraction of the 2005 paper is planned, says psychologist Norman Anderson, editor-in-chief of American Psychologist and CEO of the American Psychological Association in Washington, D.C.

Re: I saw your comment about Fredrickson&Losada in a Reddit link

Subject: Re: I saw your comment about Fredrickson&Losada in a Reddit link

From: john

Date: 14/08/2013 05:14

To: Sparrow

Here are my two favourite quotes from the Fredrickson-Losada article

Losada (1999) identified 15 flourishing teams, defined as showing uniformly high performance across three indicators: profitability, customer satisfaction, and evaluations by superiors, peers, and subordinates.

and from the Losada article (this one quoted by Brown)

A salient characteristic of my observations of teams at the Capture Lab was that high performance teams operated in a buoyant atmosphere.

--

Here are my favourite quotes from Brown

It is also not explained why this interaction should consist of multiplying their values together; indeed, if X and Y are dimensionless quantities (as they must be for the Lorenz system to be valid), any mathematical operation could be used to combine them, such as the square root of the sum of their squares, or the difference of their exponentials, or the product of their cube roots.

and

In fact, choosing r equal to (rather than merely dependent on) the number of next is puzzling

I imagine you found funny things about the actual Maths also

Re: I saw your comment about Fredrickson&Losada in a Reddit link

Subject: Re: I saw your comment about Fredrickson&Losada in a Reddit link

From: john

Date: 14/08/2013 05:26

To: Sparrow

I guess your quote refers to supporting this part:

...ned with a gross mathematical error concerning the latter. More precisely, Fredrickson and Losada equated psychological flourishing with the complex dynamics of the chaotic Lorenz attractor (pp. 682, 684); therefore, they (apparently) reasoned, if there is a value of the control parameter r beyond which chaos no longer occurs, then the end of chaotic attraction means the end of flourishing in this case, at a positivity-ratio value that the authors estimate to be 11.6346 (p. 684). Assuming that they arrived at this value using the same calculation method as for the ideal minimum positivity ratio, this corresponds to $r = 48.0256$. However, it is not the case that chaotic attraction in the Lorenz system (with $a = 10$ and $b = 8/3$) disappears beyond this value of r . Rather, within the regime $r < r_{crit} = 24.7368$ there is an intricate pattern of windows of periodicity (many of them quite narrow) alternating or mixed with chaotic behavior, until at least $r = 200$ (Sparrow, 1982, Chapters 4 and 5, see especially Figure 5.12)

I think I am still disappointed with Brown's default acceptance of the notion that there are 'positive' and 'negative' emotions though. Where he says

We do not here call into question the idea that positive emotions are more likely to build resilience than negative emotions, or that a higher positivity ratio is ordinarily more desirable than a lower one.

hypoxia map**Subject:** hypoxia map**From:** john**Date:** 14/08/2013 11:31**To:** Sparrow

Here is an ocean hypoxia map. It works really well if the blue dots (stations) are suppressed and one figures out the zoom

<http://www.ncddc.noaa.gov/website/Hypoxia/viewer.htm>

This is for some reason only done by one boat and only in the Gulf of Mexico.

It would be interesting to see a more detailed map of the whole coast, and also to see where the sewage outlets into the sea are located.

Re: hypoxia map
Subject: Re: hypoxia map
From: john
Date: 14/08/2013 11:43
To: Sparrow

Here is a document I found in Wikipedia, describing how the world bank contracted to pour sewage from Columbia into the sea. This was justified by a "three dimensional mathematical model."

It is genuinely nice of them to have made this as a plain txt file so that even a telephone modem can access it.

38182

Progress Report to the Board of Executive Directors
 on the Implementation of the Management's Action Plan
 in Response to the Inspection Panel Investigation Report on
 the Cartagena Water Supply, Sewerage and Environmental Management Project

Introduction

On June 24, 2005, the Inspection Panel submitted its Investigation Report No. 32034-CO on the Cartagena Water Supply, Sewerage and Environmental Management Project to the Board. On July 29, 2005, Management submitted its Report and Recommendations in response to the Inspection Panel's Investigation Report. Chapter V of the Management Report contained an Action Plan proposed to follow up on the Panel's findings, for further strengthening of the Project. This Action Plan is presented in Annex 1.

On November 8, 2005, the Board discussed the Inspection Panel Investigation Report and Management's Report and Recommendations in Response to the Investigation Report. The Board endorsed the Action Plan proposed by Management as an adequate response to the Inspection Panel's findings, requested to proceed with project implementation while implementing, in parallel, the proposed Action Plan, and asked that Management report back on the progress in implementing this Action Plan. The Board also asked that Management resolve with the Panel outstanding questions on the importance of and the carrying-out of three-dimensional modeling of the risk of contamination at the outfall site.

The present report is aimed at providing information to the Board regarding the progress in implementing the Action Plan proposed by Management, and the discussions with the Inspection Panel regarding three dimensional modeling.

Progress Achieved on each Activity of the Action Plan

The following table provides information on the implementation of the Action Plan.

- 2 -

Progress in Implementing the Action Plan (as of September 4, 2006)

ISSUE/FINDING	PROPOSED ACTION	IMPLEMENTATION PROGRESS
OD4.01	-Environmental Assessment	

- 3 -

ISSUE/FINDING	PROPOSED ACTION	IMPLEMENTATION PROGRESS
Risk of	In response to the Panel's	~ ~ ~ recommended that t
		e ~ e ~
Diapirism (mud suggestion and given the		ACUACAR carry out a side scan

volcanism) utility m d relatively low cost of such a survey, Nmanagement has recommended that ACUACAR undertake a side scan sonar survey. ACUACAR plans to carry out the survey by December 31, 2005.

sonar survey. ACUACAR hired a consultant and carried out the side-scan sonar study. The study was completed by April 2006. As part of the study the consultant discussed the results with another marine geology expert. ACUACAR also discussed the report with the consultant that carried out the original diapirism analysis, to obtain his opinion and recommendations. As a result of the study and consultations, ACUACAR decided to change the route of the outfall so as to further reduce diapirism risks. The project consulting engineer, Efrén Sawyer, has completed the corresponding adjustments to the outfall design.

- 4 -

Disposal of Solids In response to the Panel's finding, ACUACAR will carry out an analysis of alternative disposal methods for the screened material. ACUACAR plans to submit the completed analysis to the Bank by December 31, 2005.

A comprehensive study of alternatives for disposal methods of the screened material was completed and submitted to the Bank in February 2006. The study concluded that the method selected under the project is the best alternative for disposal of the screened material.

- 5 -

- 6 -

ISSUE	FINDING	PROPOSED ACTION	IMPLEMENTATION PROGRESS
Social Impact Assessment and Benefits for	The piped water, under construction, is planned to be delivered to the North		The water supply system to the north zone was completed and the north zone ~ o ~ ~ u I i are i e ~ i t
Afro-Colombian Communities in the North Zone	Zone communities prior to or during the last quarter of 2005. These investments were originally to be financed by the District, according to the Loan Agreement. Due to Project cost savings, these investments will now be financed by the Loan, freeing up municipal budget for other uses. Moreover, as part of the Project, in-house sanitation	Zone communities prior to or during the last quarter of 2005. These investments were originally to be financed by the District, according to the Loan Agreement. Due to Project cost savings, these investments will now be financed by the Loan, freeing up municipal budget for other uses. Moreover, as part of the Project, in-house sanitation	receiving potable water of high quality, continuously 24 hours per day, 365 days per year as of August 2006. This refers not only to Punta Canoa, Manzanillo, Arroyo de Piedra and La Boyuilla but also to other communities in the North Zone. The users in Punta Canoa have received in-house connections free of any infix structure or connection charge. 174 in-house sanitation units were installed in La Boyuilla and 141 in Manzanillo del Mar. In Punta Canoa, in-house sanitation units were installed in 80 homes by August 2006. An additional 30 homes are to receive services, where the families originally did not want to participate in the program, but have since changed their minds after seeing the benefits
	La Boyuilla has already been connected to the sewer network. ACUACAR has committed to extend the network to Punta Canoa, Manzanillo		provided to the other 180 homes. The in-house sanitation units have enabled in the households of Punta Canoa and Manzanillo del Mar to

del Mar and Arroyo de Piedra in the next 24 months, in parallel with the construction of the outfall. Punta Canoas confirmed its interest in a Community Center, which is planned to be provided by April 2006. A plant nursery has been established in Punta Canoas, to be managed cooperatively by the community, to create jobs and supply trees to the Project. Supervision will focus on the early delivery of the benefits under the social

evacuate their wastewater to septic tanks as of September 2006. In Punta Canoas, all residents now have continuous water supply and are connected to septic tanks: they enjoy full water supply and sanitation services. The community center in Manzanillo del Mar was completed in June 2004. The community center of La Roquilla was completed in September 2006. ACUACAR ran into difficulties in identifying an appropriate lot with legal title for purchase for the site of the Punta Canoas community center. This problem was recently resolved and the lot was purchased. The design of the center has been

* . *

- 7 -

- 8 -

ISSUE/FINDING	PROPOSED ACTION	IMPLEMENTATION PROGRESS
OP 10.04	- Economic Evaluation of Investment Operations	

Economic Evaluation of Alternatives	Management will update the results of the economic analysis to take into account the additional investments required by the environmental license that would need to be operational in 2015, and adjust land values.
-------------------------------------	--

OD4.15 Poverty Reduction

OP1BP 10.02 - Financial Management

- 9 -

ISSUE/FINDING	PROPOSED ACTION	IMPLEMENTATION PROGRESS
---------------	-----------------	-------------------------

Three Dimensional Modeling of the Impact of the Submarine Outfall on Sea Water Contamination

At the Board discussion of the Panel's findings and Management Response, the Board requested that Management and the Panel propose to the President within four weeks a decision on use of a 2D or 3D model for assessing diffusion patterns and shoreline concentrations related to the submarine outfall. After the Board meeting on November 8, 2005, a meeting was held between the Inspection Panel, Panel consultants, the project team, and representatives of ACUACAR. It was agreed that ACUACAR would undertake three-dimensional modeling of the outfall discharge using the model developed by the Panel consultant, with an estimated time of one month to carry out the analysis. A team was hired to carry out the three-dimensional modeling. The team consisted of Dr. P. Roberts, who carried out the earlier two-dimensional modeling of the discharge, and Beatriz, a graduate student of the Panel's consultant. These agreements were reported to Mr. Wolfowitz on December 6, 2005.

The three-dimensional modeling effort took five months longer than anticipated; however, it yielded results pertinent to the discussion. The results of the modeling were sent to the Inspection Panel on August 11, 2006. As an additional effort to assure the optimal design, the

project team contracted additional modeling work by a researcher of the University of Karlsruhe, using an alternative three-dimensional model. Both three-dimensional modeling efforts confirmed that the 2.85 km long submarine outfall is adequate for the Cartagena project.

Status of Project Implementation

- 10-

The Project consists of eight components:

- 0 Component A. Expansion of the Water Supply System;
- Component B. Expansion of the Sewer System in the Cihaga Basin;
- 0 Component C. Construction of the Main Conveyance System of the Wastewater to the Treatment Plant;
- 0 Component D. Construction of Treatment Installations;
- Component E. Construction of the Submarine Outfall;
- 0 Component F. Industrial Wastewater Discharge Control;
- Component G. Environmental and Social Component; and
- Component H. Project Management, Technical Assistance, Studies, Design and Supervision of Works.

The Project has been effective for approximately six and a half years. As of August 31, 2006, 56 percent of the Loan had been disbursed. The works of Component A (Expansion of the water supply system) and Component B (Expansion of the sewerage system in the Cihaga basin) have been completed. All the respective contracts have been closed. Components F, G and H are well advanced, and will continue for the entire implementation period, as planned. The water supply works for the North Zone, originally the responsibility of the District of Cartagena, have been constructed and funded by the Project, due to savings achieved in the implementation of Component A. The North Zone now receives continuous water supply.

The implementation of Components C, D, and E, which constitute the wastewater management system, including the submarine outfall, has suffered delays due to the lengthy authorization of an environmental license for these works, an unsuccessful bidding process that has required rebidding, and delays in contracting pending the findings of the Panel and the subsequent three-dimensional modeling. The works under these three components have been divided into four contracts: (i) Paraiso pumping station; (ii) onshore pressure pipeline; (iii) wastewater treatment plant; and (iv) the submarine outfall. Contracts (i), (ii), (iii) and (iv) have been awarded and are under construction. Contract (iv) is in the process of bid evaluation; four bids were received on September 20, 2006 and opened on the same day. Technical evaluation and validity of the received bids is underway and is expected to be sent to the Bank for no objection in late December 2006. It is expected that works will begin, as anticipated, in January 2007. The current Loan closing date is June 29, 2007. It is expected that the closing date will be extended by at least one year to complete project implementation.

Due to the delay in Project implementation and the continuous flow of poor immigrant families to Cartagena, thirty-seven families settled during 2000-2003 on District property on the planned route of the onshore pressure pipeline, near the Paraiso pumping station. Although

- 11-

resettlement activities were not expected during Project preparation, it is now necessary to resettle twenty-four of these families due to construction of works. A Resettlement Action Plan was prepared and disclosed in accordance with Bank policies. New homes have been constructed and will be officially delivered to the families on December 20, 2006, at which time the families will be resettled, in compliance with Bank policies.

Next Steps

Management has taken action on all items in the action plan, and action plan follow up has been substantively completed.

As noted in the Action Plan Table, there are two pending activities: (i) installation of the 30 in-house sanitation units in Punta Canoa for those residents which changed their mind after seeing the benefits provided to other residents; and (ii) the completion of construction of the Punta Canoa community center in early 2007 as a result of delays in getting legal title for the lot purchased.

As part of routine Bank supervision, the Bank will continue: (i) oversight of the quality of ACUACAR's outreach activities; (ii) review and filing of LA Previsora's (the Trust Fund Administrator) annual audit reports; and (iii) confirmation with CARDIQUE (the regional environmental authority) that ACUACAR is fulfilling the conditions of its environmental license.

Based on the implementation of the management action plan, the requested consultation with the Panel on modeling of the outfall discharge impacts, the positive results of additional actions taken, and the submission of this report, Management proposes taking no further action on this matter.

- 12 -

Annex 1

Proposed Management Action Plan as Presented in the Management Report and Recommendations in Response to the Inspection Panel's Investigation Report

ISSUE/FINDING	Management Action Plan PROPOSED ACTION OD4.01 - Environmental Assessment
Risk of Diapirism (mud volcanism)	In response to the Panel's suggestion and given the utility and relatively low cost of such a survey, a side scan sonar survey was recommended that ACUACAR undertake a side scan sonar survey. ACUACAR plans to complete the survey by December 31, 2005.
Overland Pipeline Design	
Disposal of Solids	In response to the Panel's finding, ACUACAR will carry out an analysis of alternative disposal methods for the screened material. ACUACAR plans to submit the completed analysis to the Bank by December 31, 2005.
Project Impact on Locally Affected Communities - Fishing	

- 13 -

Social Impact Assessment and Benefits for Afro-Colombian Communities in the North Zone	Management Action Plan The piped water, under construction, is planned to be delivered to the North Zone communities prior to or during the last quarter of 2005. These investments were originally to be financed by the District, according to the Loan Agreement. Due to Project cost savings, these investments will now be financed by the Loan, forcing up municipal budget for other uses. Moreover, as part of the Project, in-house sanitation is under construction in La Boyuilla and Mmz, anillo del Mar, and under bidding for Punta Canoa, where delivery is projected for April 2006. La Boyuilla has already been connected to the sewer network. ACUACAR has
--	--

committed to extend the network to Punta Canoa, Manzani Xlodel Mar and Arroyo de Piedra in the next 24 months, in parallel with the construction of the outfall, Punta Cama has confirmed its interest in a Community Center, which is planned to be provided by April 2006. A plant nursery has been established in Punta Canoa, to be managed cooperatively by the community, to create jobs and supply trees to the Project. Supervision will focus on the early delivery of the benefits under the social program.

- 14-

OP 10.04 - Economic Evaluation of Investment Operations

Economic Evaluation of Alternatives	Management will update the results of the economic analysis to take into account the additional investments required by the environmental license that would need to be operational in 2015, and adjust land values.
---	--

OD 4.15 Poverty Reduction

Poverty Reduction	Pertinent actions are covered above under Project Impact on Locally Affected Communities .- Fishing and Social Impact Assessment and Benefits for Afro-Colombian Communities in the North Zone.
-------------------	---

OP 10.02 Financial Management

-

OTHER

International Agreements	CARDIQCE, the regional environmental authority, is responsible to monitor the conditions and the obligations of the environmental license that it has granted to ACUACAR. As part of its routine supervision, the Bank will confirm that ACUACAR is fulfilling conditions of the license.
-----------------------------	---

Re: hypoxia map
Subject: Re: hypoxia map
From: john
Date: 14/08/2013 11:48
To: Sparrow

The book "Engineering Ocean Outfalls" in the NATO ASI series [1] for which for whcih the first the first article on page 1 (*not* written by Philip, though his paper occurs in the same volume) begins

Abstract:

"The central thesis of this paper is not whether it is right for some of the wastes of modern industrial civilisations to be disposed of in the oceans - because the natural flux of elements in the atmosphere and the rivers makes this process inevitable. It is rather about the choices we can and should make about the pathways, quantities, rates and locations through and at which wastes enter the seas."

Reference: Nato ASI series vol 172 (1986)

Re: hypoxia map
Subject: Re: hypoxia map
From: john
Date: 14/08/2013 11:57
To: Sparrow

Re the Lorenz emotionality index: what the authors were trying to do was not wrong, it is just that they did not look at earlier attempts to do similar things.

For instance, if one has a function which is only known to be monatonic -- but it makes no sense to specify which monatonic function it is, one often in statistics views a variable specifying a point in the domain to be really a random variable.

Then a partial ordering of the codomain of course grades or filters the probability space, and there are then associated well defined functions coming from the filtration.

For example the probability P that the random variable X has value $f(X)$ above some threshold gives rise to odds $P/(1-P)$ and sometimes people like to talk about an incremental increase in X as something that multiplies every such ratio $P/(1-P)$ by a constant factor (the proportional odds assumption).

It seems creepy to talk literally about a real dynamical system when trying to think about emotions, and the comments about the meaning of 'positive emotions' and 'negative emotions' really are the relevant ones, though, even if the maths were repaired, I think.

I note that your comment that the criticism of the paper is 'on the mark' does not contribute any further criticism -- perhaps you thought that attempts to model business performance by linking emotionality with the Lorenz equations are well-intentioned and original, despite being a very obvious and dismal failure either within the subject of business, or within sociology or Maths, or statistics.....

Re: hypoxia map
Subject: Re: hypoxia map
From: john
Date: 14/08/2013 12:32
To: Sparrow

Here is what I think is going wrong. It is the same thing that Andrew Maynard said about nanotechnology in the quote which the ice-cream cloud art project <http://www.thecloudproject.co.uk> by Zoe Papadopoulou and Cathrine Kramer uses, the one which criticizes hypothesis-driven science,

"Imagine, at the very point where humanity begins to push the boundaries of sustainable existence under existing conditions, we develop the means to conform our global environment to our needs inverse-evolution if you like. We discover that science and technology give us a lever large enough to shift the world, metaphorically speaking. We find that by controlling matter at the nanoscale, we can bend it to our will at the megascale. In short, geoengineering appears to be humanity's right-of-passage to planetary maturity. But these abilities seem to far outstrip our understanding of their consequences. It almost seems that scientists are in danger of applying the hypothesis-driven science of the laboratory to the whole world, while forgetting that when the hypothesis fails, there aren't too many options to go back and start again."

When Mary Lou gave her talk, she talked about some advanced biological models. One had to do with reversing a buildup of groundwater salt on farmland in Australia, and one had to do with restoring cod stocks in Maine by removing dams on rivers which had affected the ecosystem.

One interpretation might be that the errors which the models try to correct were originally caused by earlier models. Simple things, like saying your farm produce is proportional to area farmed, without taking account of hedgerows. Or saying that energy from a river is increased when the river is dammed, without taking account of fish.

In mtheory.pdf -- in an earlier version I had written more about the incorrect way people divide instincts from reason, arguing subjectively that instinct shouldn't be separated from reason, as one thinks of a vessel full of water that shouldn't be considered separately from the water.

And that there is a reason why this happens, the same reason nuclear families and even single mom families are separated from communities, and communities of thought broken up.

That is, what happens nowadays is just obviously that the world bank says, we need a model to see what will be the effects of our planned 2 km sewage outfall into the sea, and just like how Jack C mentioned, they contact a biologist, and he says, if you give him funding he will come up with a model better than any of the previous ones.

But, there is an instinctive trust that he will somehow think of all the relevant things. Yet, in the dissociated culture of nowadays, for the first time in hundreds of thousands of years, a person can be well intentioned and most wise and still miss things, still have huge cognitive gaps.

So, just as the dam makers forgot about fish, and farmers forgot about hedgerows, the biologist will not be capable of being aware of what one instinctively presumes would be a full context.

That is not to say that there is a conscious or unconscious belief that the biologist can be trusted, but the instinctive feeling of trust will be there even though following one model will -- rather obviously -- lead to disaster when things are analyzed further.

Hodges had said to me, we have a choice whether to accept what evolution gives us. He might say, if it gives us a propensity to trust a figure of authority, or a logical model, in situations where further contemplation would show that no such precise figure of authority or model can be trustworthy, then we might learn ways of distrusting, concepts like the concept of the Pandora box might emerge in the public mind.

I have over the years had people turn away from me saying, that is just a Luddite philosophy. Or, David E saying to me merely, "You cannot write!" about environmental things.

But the manner in which something is conveyed, or the extent to which it is believed, is really not what is important.

Concepts like the notion that geoengineering is likely to be a pandora's box, as expressed already by Dr. Maynard with respect to nanotechnology, concepts like observed limitations in Popper's philosophies, or in hypothesis-driven science, and concepts of ways in which science and modelling have been influenced by presumptions of economic value and utility -- all three of these should act as stepping stones towards a more critical understanding of the notion of technological innovation.

Re: hypoxia map
Subject: Re: hypoxia map
From: Sparrow
Date: 14/08/2013 12:38
To: john

John - 14 emails so far yesterday and today. You are at risk of exceeding by yourself all the emails I receive from the rest of the Dept/University/World. If there is any chance that you could cut back a bit I would appreciate it

hugely. I guess you are back from the USA?
 best, Sparrow

=====

On Wed, 14 Aug 2013, john wrote:

Here is what I think is going wrong. It is the same thing that Maynard said about nanotechnology in the quote which the cloud art project used, the one which criticizes hypothesis-driven science.

"Imagine, at the very point where humanity begins to push the boundaries of sustainable existence under existing conditions, we develop the means to conform our global environment to our needs inverse-evolution if you like. We discover that science and technology give us a lever large enough to shift the world, metaphorically speaking. We find that by controlling matter at the nanoscale, we can bend it to our will at the megascale. In short, geoengineering appears to be humanity's right-of-passage to planetary maturity. But these abilities seem to far outstrip our understanding of their consequences. It almost seems that scientists are in danger of applying the hypothesis-driven science of the laboratory to the whole world, while forgetting that when the hypothesis fails, there aren't too many options to go back and start again."

When Mary Lou gave her talk, she talked about some advanced biological models. One had to do with reversing a buildup of groundwater salt on farmland in Australia, and one had to do with restoring cod stocks in Maine by removing dams on rivers which had affected the ecosystem.

One interpretation might be that the errors which the models try to correct were originally caused by earlier models. Simple things, like saying your farm produce is proportional to area farmed, without taking account of hedgerows. Or saying that energy from a river is increased when the river is dammed, without taking account of fish.

In mtheory.pdf -- in an earlier version I had written more about the incorrect way people divide instincts from reason, arguing

subjectively that instinct shouldn't be separated from reason, as one thinks of a vessel full of water that shouldn't be considered separately from the water.

And that there is a reason why this happens, the same reason nuclear families and even single mom families are separated from communities, and communities of thought broken up.

That is, what happens nowadays is just obviously that the world bank says, we need a model to see what will be the effects of our planned 2 km sewage outfall into the sea, and just like how Jack C mentioned, they contact a biologist, and he says, if you give him funding he will come up with a model better than any of the previous ones.

But, there is an instinctive trust that he will somehow think of all the relevant things. Yet, in the dissociated culture of nowadays, for the first time in hundreds of thousands of years, a person can be well intentioned and most wise and still miss things, still have huge cognitive gaps.

So, just as the dam makers forgot about fish, and farmers forgot about hedgerows, the biologist will not be capable of being aware of what one instinctively presumes would be a full context.

That is not to say that there is a conscious or unconscious belief that the biologist can be trusted, but the instinctive feeling of trust will be there even though following one model will -- rather obviously -- lead to disaster when things are analyzed further.

Hodges had said to me, we have a choice whether to accept what evolution gives us. He might say, if it gives us a propensity to trust a figure of authority, or a logical model, in situations where further contemplation would show that no such precise figure of authority or model can be trustworthy, then we might learn ways of distrusting, concepts like the concept of the Pandora box might emerge in the public mind.

I have over the years had people turn away from me saying, that is just a Luddite philosophy. Or, David E saying to me merely, "You cannot write!" about environmental things.

But the manner in which something is conveyed, or the extent to which it is believed, is really not what is important.

Concepts like the notion that geoengineering is likely to be a pandora's box, as expressed already by Dr. Maynard with respect to nanotechnology, concepts like observed limitations in Popper's philosophies, or in hypothesis-driven science, and concepts of ways in which science and modelling have been influenced by presumptions of economic value and utility -- all three of these should act as stepping stones towards a more critical understanding of the notion of technological innovation.

planned article**Subject:** planned article**From:** john**Date:** 20/08/2013 09:11**To:** Sparrow

Hi Sparrow,

I am planning an article of sort-of substantial length.

A danger is that I might write something which would be like the journalism of Peter Mckay is criticized by Private Eye -- raising easy questions about things which he's completely ignorant of, out of laziness.

The structure could be like the tutorial essay Orwell wrote for students, called something like 'how to shoot an elephant.' Basically it was a simple essay made for students to copy in structure, so that anyone can write an essay.

The specific thing (playing the role of the elephant in Orwell's essay) could be the Cartagena sewage outfall. By the way, I found later, after the project had gone what English builders call 'pear shaped,' the World Bank issued a sort of long explanation of what they had done, which of course was partly written by good-hearted people who work there or had infiltrated there. For example explaining why they had needed to ignore the advice of the affected people (they didn't legally qualify as indigenous people, and their fears were obviously irrational since they were just irrationally opposed to any type of geo-engineering).

There are sewage outfalls on the US coast, but a sort of excuse not to try to prove any actual immediate damage would be to transparently use a few documents -- or maybe only these two -- as a subject of just critical analysis, transparently playing the role of the elephant in Orwell's tutorial essay.

In other words, like a deck of cards, I could just shuffle together passages from the world bank documents with things like passages from bla6.txt, and from 'something about nature' and other things that really don't fit anywhere. Talking about nature, and criticizing, not Warwick university's policys, but criticizing the world bank's writings and described policys instead, using exactly the same words.

That is, the dynamical system model which they relied on is just a good example.

Anyway the main point is that the Orwell essay is just two essays shuffled together, or, rather, one very organized little essay shuffled together with a collection of essays about generalities about writing, but the specific example just serves as a table of contents to guide the reader to understanding some way that all the deeper points can be related. That is, the general points aren't closely related in any well-organized way, but the specific example makes up for that by bookmarking things together. And he just alternates, each paragraph starts out saying the next thing about how to shoot an elephant, and elides into a general point.

I'm not sure if there will be room to talk about cultural differences the way foreign students have our whole intellectual sphere, all the things we try to teach them, encompassed into their own critical understanding of things. This especially students who come from less developed countries. In my mind is how in what is familiar to me, American news/media, the insurgent is some guy like the yokel who got himself interviewed by the 'truthnation' team, with Mark Twain style wisdom, saying, 'Yup, golly gee, they just needed to dump in a little more concrete and now levels are back to normal.'

But somehow conveying exactly what levels, what test results, he's talking about.

Whereas, the English insurrection is, it seems to me, so much more admirable. Because it is more of a Jeeves and Wooster notion, but it is internal. It is care of vulnerable people without needing any checks and balances, with internal scrutiny, that is I think the reliable notion of English irony.

Where that falls down is when something like, in the past, a kid fails the 11+, though. Where is the English irony when a little kid got that letter, saying he's not going to be able to go to anything but a secondary modern?

I have spent some time on the other side, I am not going to mention this in my article, but I know the limitations, the endpoint of English irony. I know why there are fences between each pair of English gardens. I know about the artificial succession so intelligently planned in each garden, independently of the next. There are situations, like someone misunderstanding a bus queue, when every person feels justified in angrily shouting at someone. Those are fine, a person is forgiven the next moment. But there are also situations like when English people decide to euthanize stray animals which do not happen to be pets, I know the difference. There have to be limitations to compassion. A farmer may love his lambs, but they are to be eaten if lamb is to be eaten, and there is then no concept of irony. Seriously, I am not going to talk about any of this, it is just my particular feelings about it.

Rather, the notion of conceptual gaps, limitations of models, and a tendency towards a solution to things, is what I will aim for.

In the specific example the solution is hinted in the consultation between the world bank and the people who failed to qualify as indigenous people.

It is hard, it is a question, whether a democratic principle can prevail here. It was no help when surfactant advertisements, starting shortly after the invention of surfactants in the 1940's, seemed to work to support a notion that cleanliness should be proven by the chemical reversal of reactions with metal complexes in clothing which had occurred naturally -- but whose reversal would be clear proof of absence of bacteria, etc.

I mean, we know that real indigenous people welcome development near them, and when it happens it means they can live in garbage dumps, their preferred lifestyle, according to the choices they will make.

If you put a market economy next to some indigenous people, they are not going to say 'go away, we want to be left alone!'

With respect to the notion of a moth flying into a light, we cannot just ask the moth, 'Tell us what you want us to do and we will help.' It would ask for faster wings, it would ask to be accelerated in its journey to safety.

If a market economy can accommodate itself to a fear of *any* geoEngineering project, by modulating that fear, then in some sense all is lost.

I'm not writing clearly, but only saying, I had said something before that made sense, talking about three stepping stones towards understanding weaknesses in the concept of technological innovation.

This was with respect to trying to repair our own concept of technological innovation.

Maybe that is all I should have been talking about. Maybe we just are those indigenous people anyway.

John

(no subject)

Subject: (no subject)

From: john

Date: 27/08/2013 00:59

To: Sparrow

I am here in Zakynthos until Friday, and went for a walk with Zacharias. We walked on some roads which are new, newly graded, we have been on these before. I had asked, finally, was there anyone who didn't want these new roads to be made? He said, everyone in the village wanted them, except for him.

Here are the UNESCO's 10 proposals for the oceans, they are detailed and thorough, compiled with the assistance of the World Bank

<http://www.unesco.org/new/en/natural-sciences/ioc-oceans/priority-areas/rio-20-ocean/10-proposals-for-the-ocean/>

They include regional predictions of ocean acidification, more links with economists, and planning how developing countries can manage their wastewater streams.

I've looked at a number of articles related to sewage and wastewater, and they are unsurprising. It is not clear yet what one can do.

The assumption anyway of UNESCO seems to be that one is already managing a large farm, rather than living in nature.

Re the notion that English irony is a purveyor of fairness, in cases when one looks after vulnerable people, but with limits like the old eleven plus, of course, there are such limits nowadays too.

I've read through S. Siklos' solutions and analysis of the Cambridge S.T.E.P. papers. They are nice, but leave me wondering, what about a student who is confused, in, say, the theory of partial fractions, about why the statement of the theorem is true. In either STEP or Further Maths, they're going to be tested on whether they can set up and solve linear equations according to a recipe.

Just, about the morality of Warwick's position, we can say we're blameless because we do not design or administer either test, and we don't use interviews. If there are students who think they would have belonged here, but were not admitted, it is not our fault that such a thing might happen, we can say. Or, we can say -- removing any question of blame -- that we know that there are going to be many students whom we do not admit as undergraduates whom we admire mathematically.

Again unrelated to this, there are some explanations of what pure maths is, which are like the Linnaeus classification of animals; there are axioms and then attempts to classify all the models for a fixed set of axioms. We know that fixing a set of axioms makes sense only in one niche in nature,

There might be explanations of applied maths which are like the notion of choosing one model. I remember once a group of nearly homeless, nearly indigenous Americans, including an American Indian, approaching the doorway of their hostel/flop-house. There was a little animal in the doorway, and one had said 'It's a skunk!'

It had struck me how easy and familiar and sensible such a statement can be. This just reminds me vaguely of what applied mathematicians try to do, perhaps. Upon seeing something, to say what it looks like.

If we really believe that axiom systems outside nature are unstable, and do not lead to meaning, then an applied maths project like the 3 variable model which the Cartagena outfall was based on, is one we already could have known would be unreliable, even before we'd done any further analysis.

Two things I wonder about sometimes are, whether to submerge the very deep fears which I had been under at times, regarding inappropriateness of teaching, firstly. And secondly whether to submerge things like the sequence of events relating me and Warwick Maths in recent years. These originated earlier, when they were connected together more.

I actually remember, one time, the road owner trying to be kind, writing in a witness statement about my attempts to follow his bidding and clear the brambles. He had written about my clearance project which 'would continue' and he asked where I would bring all the garden waste material. It was a misstep, by saying the clearance would continue, he was trying to be kind, to reassure me I would again be on my land.

It was the human rights barrister who very clearly made a delineation; who very clearly laid out the truth, that I was clearing the land because of fear, because the land had been accused of being a 'danger to children living on K Close,' the road where the owner lived, and some pensioners.

Yet, one of the photos which the solicitors partly inadvertently let me see, in a waiting room, was a photo of my house, with weeds growing through the floorboards, returning to nature. And later, when I trespassed to get to my own land, I found there in my house was a baby's nappy, wrapped up. I did not open it to see what it had contained, I had thrown it underneath the house, and I had later written in documents that the land must be made safe for children, including babies, and I mentioned having found that nappy in the house.

My reason for mentioning it in the documents was as a type of legal exorcism. I do trust the light of English justice, English fairness, compared to the dark notion that there may be a secret and violent vendetta against me. As there had been a time, I learned recently, when my parents had been frightened.

Someone had broken the door of their house, entered violently, and stolen a gun among other things. They had not just jimmied the door, they had destroyed it with some sort of violent anger.

This had been shortly after I had been using the school at night, to play the piano, to try to play the piano, but with not much success. It had been Christmas vacation, the building was locked, but my mom, a teacher, had the key. The room containing the piano was a storage room, a small gymnasium when it is used, but now packed high with crates. I never mentioned to my mom at the time, the lights in the hallway did not turn on, and so it made sense to use the nearby ladies room, rather than the gents room down a completely darkened hallway.

Although I was alone in the building, there were people outside ploughing snow, and a meeting had been called. The conclusion of the meeting had been only that my mom is not supposed to share keys with her son.

But then there had been jokes, and some of them were dirty jokes. I think I did learn about them, but I never mentioned to my parents that I'd used the ladies room instead of the gents room, so they were defenseless against the jokes. The jokes were part of the 'mom's network,' I guess.

At the time of the broken door, stolen gun, and dirty jokes, I had once come home and accompanied them to a garage sale. I had pounced on a baby toy there, which I thought might be nice for a niece, it was cleverly educational. But the woman there had jumped in front of me to rescue a tiny female toddler who was there. And my mom had been a little disappointed, in the car ride home, that the woman holding the garage sale, one of the school secretaries, had done that. And she gave up teaching that year, my mom did, despite having been earlier lauded in newspaper articles for her work with her students.

I have not been a good person, I think, and it is a real responsibility for me to try to become a good person. This means, even if I'd like to tell my little story, about my mom losing her teaching job, I will likely not, because there are more important things.

It is true, though, that there is an imbalance between notions of importance for what mathematicians should do, or should not do.

If I really want to confront my personal terrors of the past, if only to exorcise them from my thinking, I should start with how Tacky, from Mexico, would sometimes kiss and lick me intimately.

Because he was from Mexico, he was of natural stock, it seemed, and so very intelligent. He used his molars to cut the cloth, to slice it like scissors, and the cloth fell away.

My worry was only one, why should he be saddled with my personal smell, why should he lick there. But he was intelligent, and his teeth did not pinch or hurt my skin, and so that was my only worry.

An earlier time, we had shared a steak dinner, and later I had been lying on my back on the bed, and Tacky had looked into my eyes, and started licking intently on my closed mouth. At the time, I thought to myself, 'He's thanking me.'

But later, after he was no longer alive, I realized, he was asking for more.

But what could he have been asking for, when his molars had cut away my socks?

It is a mystery to me why he did that, and my thinking is, it was not in any way abuse because, when he was done, I felt no more clean nor dirty than when he had started. My own smell that was probably there had been replaced by dog spit.

It is also true that I was abused though, by men, as a child, and my thinking is that my reason for not objecting to what they were doing was that it was just something I didn't care about, that seemed slightly weird. But the reason I call it abuse is that afterwards, for about a minute or so, after leaving, I'd make plans to wash off their spit. I'd end up forgetting about it and not doing that, though.

It seemed to me like these occasional men who would corner me here or there were desperately trying to nurture themselves, as if from a breast. But the goal seemed to try to give pleasure to me. They never in any other way tried to arouse themselves; and so it was entirely an attempt at something impossible. An attempt to impress a child about something that isn't impressive for a child.

If I imagine myself doing something like that to a child, it is imagining something with a feeling like being asked to lick an ear, where there might be ear wax or some other thing that wouldn't do well to be in a mouth at all; this applies to children of either gender.

The effect of the tremendous pressure of assessment, inspection, scrutiny of contact between adults and children, for me personally, has been the notion that my mom and dad must have felt when burglars had burst the door of their home; that there is going to be some misunderstanding, some unfortunate glance, and the lynch mob will begin to gather.

And there have been for me, as I'm sure there have been for anyone else who is a teacher, those strange coincidental misunderstandings, or fears that such have taken place, which make one wish to teach in all absence of intimacy with students.

For that reason, when my house, an illegal house in nature, with plants growing through the floorboards, had a nappy in it, from where I never learned, I felt accused, and needing to bring the issue to court.

And when later the Criminal Records Bureau recorded my own crime, that I had 'pursued a course of action amounting to harassment,' I was eventually aware that they are on my side. That the reason I failed the CRB check is so that I would become even more vocal, and protest even more about my fears, my fears about the death of nature, and my worries about the reasons why it is taking place.

I'm sure that when I eventually learn more about it, I'll learn that the indigenous people of Cartagena -- though classed as legally not indigenous -- said to the world bank, yes, we're currently living in sewage effluent from the wealthy suburbs, combined with industrial effluent.

We do not make any effluent, really, or, somehow, we live within, and absorb our own effluent.

But we do not need you to make us clean. We know that the (non) indigenous people of Cartagena opposed the outfall.

Some authors who write about Maths advertise it, saying, look, Maths is used for industrial processes!

These authors want to be paid, of course.

In some of the greatest universities, one sees also very deep thinkers writing like this. One knows that they are trying to help create funding for junior mathematicians.

The idea for them is, it is OK to lie to non-mathematicians.

I had before given an explanation of a type now considered standard, now belonging to evolutionary psychology, why one would instinctively trust something like the 3 variable model of the then proposed Cartagena outfall, even while further analysis obviously shows it leads to disaster.

Such thinking is irrelevant, though, as irrelevant as miles and miles of undeveloped land one might have seen somewhere on a holiday, reminding one that naked beauty involves a wholeness of thought; but one which has become irrelevant.

There is the notion of a job. There is the notion that a mathematician, or a biologist, has a job.

At this moment, I have the perspective of someone who does not have a job, this means I can regard a human being or a landscape as being something permanent, and the things of employment or status as an infection by a virus.

People say that the plagues in England in the past had been prevented by sewage pipes. I think it possible, if one looks into this, that they were caused by sewage pipes.

I think that one would find that the diversity in nature is almost infinitely forgiving.

I know that when many many people walk on the same path in a short time, it becomes a path of bare mud. What channels people into walking in great numbers down one path?

The UNESCO document refers to crucial 'tipping points.' These are points where, we should allow consequences of economic activity to increase up to these points if we want to maximize successs without leading to extinctions.

I wonder, where is the breaking point, the point where too many people walk on a path and it needs to be paved. Where is the point where too many people live along a stream, and it needs to be culverted, and converted to a sewage pipe.

The term 'developing' refers to a process which UNESCO assumes will be allowed to take place.

Subjectively, the cleansing of people like the people in Cartagena involves two opposite things. One is removing nature from them so it cannot hurt them, and the other is removing them from nature so that they cannot hurt nature.

Things are complicated with regard to English or European gardens, but if an American does not mow his lawn, it will be colonized by exactly what had been there before the land was cleared, biodiverse native species. This will be seen as unclean (his neighbours may mow it for him, or laws may be invoked). So eventually it will remain mowed.

His clothes will be washed in the home with surfactants to provide chemical proof of absence of bacteria, and the spoiled water along with anything produced by the body itself sent away in the sewage system, so as not to kill or pollute any nature around the lawn not yet mowed away.

Developing means, in the language of the World Bank, becoming clean like this.

I was surprised to learn, by things Mark Twain had written, of how violent, how brutal missionaries had been, even American missionaries. Then they were advocating what they called moral cleanliness.

All the villagers here, with one exception, wanted the new road to be driven through nature nearby. I wonder whether, if they had no fear that if they become ill, no doctor will help them, if they had no fear that if they become hungry they will have no friends, they would still want the road to be there.

It will mean they can farm more where previously there was nature....if there is a desire to expand the population, that would maybe be satisfied somehow too.

Elsewhere, the fragmentation of culture means that it is not for each farmer a choice whether to have few or no direct descendants, but to live in nature with his descendants direct and indirect, versus to have many descendants living in what I call a human battery farm.

Rather, if the notion is that this country is inevitably 'developing,' there is the choice whether his descendants will exist as occupants of the battery farm, or not exist.

That is, of course, we know that there must have been stable existence of human populations in nature.

To call a country 'developing,' if this could be imposed or believed in various ways locally, removes any natural satisfaction I can imagine in maintaining a stable and rich meaningful life, close to nature, and without choosing to be one of those who simply profits financially from the removal of nature.

Everyone knows the game where a prize is placed on the table, and each player votes by secret ballot whether he wants a share. But with the rule that if every player votes to have his share, no one will get any. Here it is simpler. A development organization like the World Bank says, we are telling you, this area is getting developed. You have no choice to live in nature, your choice is not to be involved, so to live in your own patch of nature in a suburb, or to get involved quickly so you can have a valid and clean existence in the new suburb.

A pure mathematician knows that the World Bank has told lies, just by acting as applied mathematicians act.

I actually think that local people know that these big organizations are lying all the time. I think that what makes them frightened is that they know no one is truthful.

It is great that organizations in America made the national parks, and that they have remained protected.

The stated aims of the world bank are great too.

Addendum:

After talking with my sister about dates, I realize that the times I remember having been abused were when I was 14 or 15 years old. It is unfair to call it abuse; rather, the fact that it transgressed sexual orientation underscored that the intimate contact was undesired.

In one case I had been walking on a city street and a guy mentioned that anyone can go into a vacant office building. He had whisky which I thought was cool, and suggested we go elsewhere too. Where I had thought that he, like me, was exploring the city, he actually had a car parked there, and brought me to a house and advised me to sit in a leather chair. After a time he controlled a lever which brought the chair suddenly into reclining position. With me struggling to sit up, and finding no furniture to grab onto, he advised that I just needed to relax, and that putting balm on my temples would solve things. I agreed, and was met by a sharp chemical smell applied near my eyes. I stopped struggling similar to when the police spray pepper spray in the eyes (which does not hurt but induces caution). There was sudden pulling at the trouser legs.

During the earlier conversation the person had, among other things, asked my opinion of homosexuality and I had said that I do not disapprove.

He allowed himself to reinterpret the statement to mean I would not be disgusted by a relationship imposed upon me by a sequence of seven surprises: the unexpected car, the chair suddenly reclining, the chemical scent of the balm, the effect of the whisky, and while I was literally off balance by these, the unexpected removal of an item of clothing, and the contact of mouth and teeth to parts which could be in danger of being bitten.

My consent to applying the balm to my temples had been of the type as if to say, instead of another type of attack. While it may have seemed like an intermediate consent, there is no such thing.

Building a relationship is not done by incrementally eroding resistance. One does not despise an idea less and less, and then become impartial, and then begin to admire the idea. Surely females must have an equal and more justified wish that relationships are not begun as animals are trapped, by devices manufactured to work by deception, with parts of visible cruelty once they are seen.

The necessity of wealth is one such device; it explains why a landlord is not a partner. That Bernoulli assumed the absence of condoned wealth to be a state of perfect misery implies that he lived in a society which enforced such compliance, with a device equally disguised.

Not long afterwards in the same town I met wonderful people with deep, freely ambiguous, unmeasured relationships.

Somehow now these news stories and student letter exemplify my delight that my own neighbourhood is *finally* 'developing.'

23 June 2006:

"A Former pub in a residential area of Coventry has been torched for the second night running. Firefighters from Radford Road will now have talks with the firm which is looking after the boarded-up Cheylesmore pub to see if they will step up security at night. The meeting comes after the crew spent an hour at the site on the corner of Daventry Road and Quinton Park, Cheylesmore, from 9pm yesterday. Station Officer Carl Rylatt said: 'Someone had set fire to one of the upstairs areas but we managed to get to it quickly enough to prevent it spreading.' What the firefighters also found were other spots in the building which were being prepared for future arson attacks. Officer Rylatt added: 'The plaster has been stripped off the walls leaving wooden slats exposed. The cracks in these had been stuffed with paper which had been piled up to set fire to next time. The biggest problem we face is that some of the floor boards are missing so it is quite dangerous for our crews in there now.'

27 June 06:

"This was the dramatic scene last night as a Coventry pub was destroyed in an arsonist blaze. Firecrews fought flames shooting 50 ft in the air as billowing smoke engulfed nearby shops and homes. The attack followed three previous arson alerts at the Cheylesmore pub in Daventry Road, Cheylesmore. The first fire occurred on Wednesday, at about 7.30pm, after yobs torched a room in the upstairs of the building. The pub had been closed and was earmarked for demolition to make way for homes. Regulars had been campaigning to keep their local open but the brewery sold it to a developer. This morning it stands a blackened shell. No-one was injured in last night's blaze. But Samantha McFadden, of Courtleet Road, Cheylesmore, a regular at the pub, said she was saddened at the arson attack."

13 December 2007:

"Dear Mr F, I am currently studying Theatre and Performance Studies at The University of Warwick and have lived in Cheylesmore all my life. I was therefore extremely disappointed when The Cheylesmore pub was bought by developers and eventually burnt down. As you know, there was a lot of distress at the loss of the pub. Customers even resorted to buying lottery tickets to try to win enough money to save it, such was the feeling aroused by the loss of such an important building....I write to you now so to express my considerable disappointment and anger that the local Church supported the developers' pursuit of planning permission for the site in exchange for a 'Gift' of £250,000 to help fund the building of a new 'Community' hall. Your acceptance of this 'Gift' was influential in the eventual victory of the developers in gaining planning permission (Which was opposed greatly). I believe that this 'Gift' as you have called it, was little more than a bribe."

July 18 2008:

"The sale of the site of a neighbourhood pub to a supermarket has ... left a church congregation in limbo. Yesterday we revealed that The Cheylesmore pub site, Daventry Road, Coventry, had been sold to cut-price supermarket chain Netto. The site had been earmarked for homes and part of the deal was that the developer would give £250,000 to nearby Quinton Park Baptist Church towards a new community centre. But the developer decided to ... sell the land to Netto. "

15 May 2012:

"Two men have admitted taking part in rioting in Cheylesmore last year that saw petrol bombs lobbed at police cars on Coventry's streets....On the evening a group congregated in Daventry Road where a parked car was set on fire and petrol bombs were thrown. Heroic police officers even came under fire when they were pulling a man from a burning car.

13 Dec 2012:

"Councillor M claimed the high court judgement, a draft of which has been disclosed to both parties, was based on an error in the format of words on a council letter sent to residents informing them of the planning committee's decision. It is understood the decision notice failed to explain to residents the reasons for planning consent. Coun M said the judgment would not prevent Asda submitting another planning application. Legal costs incurred by Coventry City Council are not yet known, but Coun M said the council had decided not to mount a legal challenge in order to minimise any costs. He said: This judicial review was brought based in respect of a minor administrative technicality..."

Here is a separate quote by Russell

I don't believe that anyone in particular is evil. What happened to me was pretty unpleasant because it was systematic.

Russell Joslin

16 March, 2012

Re: (no subject)
Subject: Re: (no subject)
From: john
Date: 27/08/2013 12:16
To: Sparrow

A few details: apparently, the cause of bubonic plagues was not related in any way to sewage, an article writes

>The likely origin of the plague has nothing to do with people or
 >crowded cities, Dr. Achtman said. The bacterium has no interest in
 >people, whom it slaughters by accident. Its natural hosts are various
 >species of rodent.

And that it was transmitted through the trade of grain. Thus, both bubonic plague and malaria are direct consequences of development/trade. Malaria is a very old parasite, it existed before there were primates, and became endemic in humans due to rubber plantations. it is not clear what is the balance under which it operates.

A question is, if Cambodia had been such a threat to the USA that huge military expenses had been committed -- perhaps to counter corresponding military expenses by the USSR -- why when the USA left Cambodia were the people allowed to starve? Did the USSR supply millions or billions of dollars worth of military aid, but no reconstruction aid, no charity? Did the USA apply no charity, as people starved to death, in their attempt at a transition to a more natural way of life, an attempt to abandon a developed economy?

It was considered genocide that the government of Cambodia applied an unequal ratio of food rations to city people versus country people. But this is a ratio not far from unity. Whereas the ratio of military versus civilian aid must be huge.

I imagine, now that the jungles are gone, the people must live essentially as servants to a few wealthy foreigners now. One has to find out about these things.

I have never believed in the word 'propoganda,' nor in the word 'education.'

I forgot to say, the focus on sexual abuse (for example of me as a child) was just maybe related to the breakup of culture, an attempt to grow some human connection where it is impossible; where one family ends and another starts. One notices, when an animal is slaughtered, it continues to move, to attempt to save itself. This is traumatic for children to see, and parents may say, the animal is not suffering terribly, at this moment of death. What you see are only reflexes, it is not conscious.

I think that a paedophile may be a person who has lost meaning, who is suffering, trying to find meaning, but beyond thought somehow.

Maybe it is good that some understand that they are suffering, and desperately try to cling to a different life, once submerged in the broken culture of the suburbs. The same might be said of people who commit suicide, or become strange characters who commit violent crimes.

It is a very terrible shame that I do not know many languages, and have not lived in many places.

(unrelated blog type post)

Subject: (unrelated blog type post)

From: john

Date: 01/09/2013 04:33

To: Sparrow

Hi Sparrow,

I have about 20 or 30 type of paragraphs I am hoping to start assembling. Some are very clear about life and death, genetics, racism, society.

The books which Mary Lou recommended arrived, written by various authors, I have read them already. Some have a few mistakes, like giving values of variables from a paper but not including the variables in the version of a model in the actual book, and making errors like writing (1-X) where one meant X.

One of them talks about efforts to preserve wetland in Scandanavia which required turning areas into heritage farmland. It is one of the huge difficulties with the idea of a national park, that people choose to preserve some identifiable species and habitat (like the notion of a Site of Special Scientific Interest in England). I'd bet that if people understood how nature changes in the long run, with massive sweeping changes, they'd see that there is no way to 'preserve' one particular niche. That is also an error in my </home/masbf/cov/coventry.html> document, that Dimitra had mentioned the phrase 'corporatization' and I had included it. In Zakynthos, the land in the north is being sold to Italians and Germans, who wall it and convert it to residential land without any corporations being involved. There is a lot of crime and violence, no police currently, and the walled estates resemble English castles. One cannot here blame either governments or corporations for the removal of nature.

I will not send along any of the 2 dozen or 3 dozen pages about social things, they are very intense is one reason. One notion is that evolution may not require much in the way of mutations or constructions of new genes. The manner in which communities accept or understand each other affects genetic mixing like a type of intelligent card shuffling. There is no reason why actual thought itself could not be transmitted genetically. That is, racists are not wrong to want to care about what they interpret as genetics; the difficulty is that the fragmentation of culture, the discontinuity of the function relating geography to genotypes, leaves nothing consistent for them to care about except individual traits which are markers of things like continent of origin. As I say there are a lot of topics that seem to go deeply into things and get intertwined among themselves.

About unintelligent people:

I saw on Reddit just now some questions people had asked, which are the right questions for people to ask. One was, How come a fly hovering in car is moving without having to go forward; but when it's outside, the fly actually has to go forward... to go forward? Another similar question was, is there a theoretical minimum amount of energy needed to desalinate water?

My reaction seeing such questions is to hope that the posters are very young children. I would worry about university students only now wondering about basic things.

When Jack C had left teaching, because of the requirement to choose a degree classification for each student, or when Miles objected to that same requirement, they must have been able to see somehow value in some students wondering about immature questions.

When students ask immature questions, perhaps we should not be afraid of their naivety, and we should not be afraid to trust their insights.

My own answer to the first might be that the premise that the car is moving is nearly irrelevant to the fly's biology, (later more relevant when the fly emerges transported to a different niche), and to the second that a sealed bottle of salt water at room temperature, if not filled to the top, will contain de-salinized steam already, the water molecules will 'take turns' to be steam without any of what is called 'energy' being added.

Both questions received few 'upvotes' and will disappear from pages people will read. The second question led to corrections between the original poster and the responder, leading at first to "the removal of salt from water would in fact be a slightly exothermic reaction. However, since the entropy change is much larger you would still be at a net energy loss" and then later on to issues about the definition of desalinization.

Fernando in his talk implied that, analagous to how information cannot be defined without understanding changes in a protocol, entropy cannot be defined by specifying a closed system and 'everything else.'

Let's attempt, if we can, to say something about this, in relation to the notion that a university cannot have a sense of direction, and in relation to global warming.

When I simply breathe out, some higher concentration of CO₂ than is in the atmosphere leaves my mouth. It does not leave with force, it only comes out gently. And the atmosphere is nearly the same temperature as my body temperature (it is sometimes said that the body temperature of warm-blooded animals is the same as the temperature of the earth had been in the distant past, and had not changed because particular biological reactions, ratios of rates, had depended on a specific absolute temperature).

In elementary classical thermodynamics one would let v be the volume of the lungs before breathing out, and as the gas gradually expands, if it were mechanically constrained by the atmosphere as by a piston releasing pressure, one would integrate $\omega = \lambda dt + p dv$ along the path in (t, p, v) space as the temperature, partial pressure and volume t, p , and v change over time, and here λ is the "specific heat" of CO₂.

One would like to think that there is something of value which we call 'energy,' although even in classical physics one can show there is no such consistent concept as 'energy.'

However, the 'energy' required to reverse what has happened, to recollect the CO₂ and breathe it back into the lungs (we are ignoring respiration now, just talking about collecting the CO₂ to breathe it back in), depends on the temperature, even if it is constant when we breathe out, and constant when we breathe in.

If we could sort the gasses in the atmosphere, one from the other, then we could apply the same macroscopic definition of kinetic energy which is used in oversimplified notions of classical physics, and would work to an accuracy with un-noticeable error.

Because it is not possible to sort molecules as if they were playing cards, we must work macroscopically, and this means that we have to make a choice what we mean by 'energy.'

One choice would be to say that although $\omega = \lambda dt + p dv$ is not an exact form, this is because of the mischievous mechanical energy term $p dv$. We could subtract this, and be left with the differential of a notion of heat which is λt .

This, however, is not the term that explains what we thought to be the energy lost by the CO₂ when it was breathed into the atmosphere.

Another thing we could consider is $(1/t)\omega = \lambda dt/t + (p/t)dv$. Since $v=nRt/p$ by the ideal gas law (where n the number of molecules and R the ideal gas is constant), this is the differential of s where $s=\log(t^\lambda v^{nR})$.

Then the form ω restricts to zero on paths along which s is constant, that is, along the paths where $t^\lambda v^{nR}$ is constant.

It follows that if we work macroscopically, the value of $t^\lambda v^{nR}$ cannot be changed without a transfer of heat from the other gasses of the atmosphere or somewhere else into the CO₂.

And the amount of heat is much larger if I wish to breathe back in the *same* gas (not just some CO₂ which a different person had exhaled, or which I had exhaled on a different day). Even though the air can be made to move in and out of my mouth without pushing.

If one thinks that there is a sense of direction to our efforts, we have to choose any one such 'classical integral' as λt or $t^\lambda v^{nR}$ to keep track of.

The classical dream of finding a 'classical integral' was a misguided (=guided!) attempt to understand celestial phenomena; in naive human experience it is an attempt to find an indicator of goodness, something which is a real number, which has a positive direction and a negative direction.

Zacharias was trying to get me to think about the dualism in social theories, in philosophy. I had myself already thought, if you believe there is such a meaningful function as $t^\lambda v^{nR}$ or λt , then just as when you remove one point from a line the line breaks into two connected components, it is also true that when one has a real valued function s on a topological space, which is continuous, and remove the points of a constant s value the space becomes disconnected into two parts.

It is tempting to say, all the possible things that could happen are of two types, the 'good things' and the 'bad things.'

Perhaps somehow this underlies the American notion of the 'good guys' so eloquently described by Pispers comedy. That it seems so clear what is good and what is bad, and we have a real valued numerical indicator to tell us which is which.

In a job, it is your 'performance,' etcetera.

The philosopher and economist Nicolas Georgescu-Roegen in the 1970's wrote that what is called production may have problems, according to the notion that waste has higher entropy than materials involved in production. If one is very rigorous, one sees that he had predicted exactly the additional loss of energy when carbon dioxide is not only released, but mixed with the atmosphere.

The deeper point is not that we should have adjusted our definition of energy to include entropy also, or we should have used entropy instead of energy. It is that there is not **any** way to combine multiple indicators of goodness into any notion of overall goodness.

The way that the comedy series 'look around you' parodies scientific protocols may expose a weakness in principle of the scientific approach, that goes beyond Dr. Maynard's objection to hypothesis driven science or Popper's null hypothesis.

I've sometimes wondered about the subject of Psychiatry. It was a recent effort to extend scientific protocol to conscoius beings. Although I never read Pavlov's papers, it is said that he had announced having put a dog in a cage, or tied it down somehow, and communicated with it by ringing a bell at dinner time, then stopped feeding the dog, and measured the production of saliva decreasing each time he would ring the bell.

Edgar Allen Poe had written similarly,

"Proceed," I said; "herein is the Amontillado. As for Luchresi --"

"He is an ignoramus," interrupted my friend, as he stepped unsteadily forward, while I followed immediately at his heels. In niche, and finding an instant he had reached the extremity of the niche, and finding his progress arrested by the rock, stood stupidly bewildered. A moment more and I had fettered him to the granite. In its surface were two iron staples, distant from each other about two feet, horizontally. From one of these depended a short chain, from the other a padlock. Throwing the links about his waist, it was but the work of a few seconds to secure it. He was too much astounded to resist. Withdrawing the key I stepped back from the recess.

"Pass your hand," I said, "over the wall; you cannot help feeling the nitre. Indeed, it is very damp. Once more let me implore you to return. No? Then I must positively leave you. But I must first render you all the little attentions in my power."

"The Amontillado!" ejaculated my friend, not yet recovered from his astonishment.

"True," I replied; "the Amontillado."

As I said these words I busied myself among the pile of bones of which I have before spoken. Throwing them aside, I soon uncovered a quantity of building stone and mortar. With these materials and with the aid of my trowel, I began vigorously to wall up the entrance of the niche.

* * *

It was now midnight, and my task was drawing to a close. I had completed the eighth, the ninth and the tenth tier. I had finished a portion of the last and the eleventh; there remained but a single stone to be fitted and plastered in. I struggled with its weight; I placed it partially in its destined position. But now there came from out the niche a low laugh that erected the hairs upon my head. It was succeeded by a sad voice, which I had difficulty in recognizing as that of the noble Fortunato. The voice said--

"Ha! ha! ha! --he! he! he! --a very good joke, indeed --an excellent jest. We will have many a rich laugh about it at the palazzo --he! he! he! --over our wine --he! he! he!"

"The Amontillado!" I said.

"He! he! he! --he! he! he! --yes, the Amontillado. But is it not getting late? Will not they be awaiting us at the palazzo, the Lady Fortunato and the rest? Let us be gone."

"Yes," I said, "let us be gone."

"For the love of God, Montresor!"

"Yes," I said, "for the love of God!"

But to these words I hearkened in vain for a reply. I grew impatient. I called aloud --

"Fortunato!"

No answer. I called again --

"Fortunato!"

No answer still. I thrust a torch through the remaining aperture and let it fall within. There came forth in return only a jingling of the bells.

I found that the sewage treatment policy in England, probably in the EU, is to trust nature, to discharge sewage into nature, leave it to nature to cleanse it, and collect drinking water from elsewhere. Particular places, such as 'bathing waters' or ecosystems which have died, are given special attention.

For example, they will notice that a 50 km stretch of a river will die after a sewage outfall is started, and then the policy will be changed afterwards to remove more nitrogen and phosphorous, so that in the future the 50 km stretch of river might have a chance of some type of reincarnation.

References:

1. Georgescu-Roegen, Energy and Economic Myths, Pergamon Press (1976)
2. Georgescu-Roegen, The entropy law and the Economic Process, Harvard (1999)
3. E. Poe, The casque of Amontillado, Goedy's Lady's book (1846)
4. R. Popper, P. Serafinowicz, Look Around you, BBC television (2005)
5. B. Walker, D. Salt, Building Resilience in the Wetlands, the Kristianstadt, Resilience Thinking, Island Press (2005) ch 5

Re: (unrelated blog type post)
Subject: Re: (unrelated blog type post)
From: john
Date: 01/09/2013 11:14
To: Sparrow

Most of the many new pages are just quick notes, like Rachel Edmead wrote about war when she was leaving. I wonder why she has not written anything else to me since then, about her essay ideas? Only about her job.

Just to slightly focus on something, the notion that thoughts might be transmitted genetically. There is the notion 'the battle of Waterloo was won on the playing fields of Eton.' And there is the notion that there are similar forms in nature. (Like how, at the edge of a bay on the sea, there will be fireflies around plants on the edge, and also plankton, and also stars reflected in the moving wave patterns in the bay. These three will look identical to each other, moving dots of green/blue light, and the patterns of motion will be identical. This could be attributed to camouflage, on the part of the fireflies and plankton, perhaps. But, independently of any analysis, one perceives such coincidences a lot, of a repetition of similar forms in nature).

One form which one sees is, for example, how, before a thunderstorm, all people and animals behave differently. They say it is a reaction to the ozone in the air, but they become exhilarated, and happy, and run and play before the first rainfall.

So subtle things, also the way people are awake when the moon is up, and many other things, cause huge changes in the way people think and relate.

And so, it is a possibility that the impending extinction event causes huge changes in the way people think and relate.

When I was frightened, I believed that English persecute a type of human pruning. That this is why they build a fence, so that children from one family never see children from another family. Just as a rose from one garden is not allowed to pollinate a rose from another, or just as the shape and genotype of the garden is controlled by secateurs, there seemed to be a direct and brutal wish to control the genotype of the offspring of the offspring of each nuclear family. It seemed to be based on a notion of class and decency, and related to sports. I had, with the permission of the dad next-door, made a gate between our gardens. It opened from his side, and he had the only key. It meant that his children used my garden as their own, one of them was named Christopher.

I had heard a story, that all the mums in a little group were together, they were chatting, and their children playing football in the garden of one of them. A child knocked on the front door, and one of the mums said 'It's Christopher, should I shoo him away?'

I wanted Christopher, and all the children, to be able to migrate from one garden to another, to find friends, and to play together.

I later learned that English do have ways of influencing genotypes, but it is not this way. Nor is it, a eugenic notion 'we are the superior race, we will colonize the world.' It is through ideals. It is more along the lines of the 'battle of Waterloo' idea.

If one man, who was short, wanted to be tall, and wanted to be able to play basketball, and if he dedicated his life only to coaching basketball, if one imagines that he had been so successful that young people admired basketball players, married them when they can, etc, then all the coaches' children, nieces and nephews, grand nieces and grand nephews, going back hundreds of generations and filling then the university community, if they had not had excess mobility in history, would aspire to marry basketball players, and some would in the future.

So that even if the coach were a eugenicist, and could not be satisfied unless his genotype mates with a genotype successful at basketball, just his admiration of basketball, and his coaching, would bring this about, if we posit low historical mobility.

This makes one think of the role of economics here, the way football programs are the financial drivers of universities like Penn State, and it makes one think of the way Coach Paterno had been admired for disallowing non-students (those brought in who could never pass their academic courses) to represent the team.

The reason I mentioned similar forms in nature is, if it were expected that the battle for survival will require propelling round balls through high hoops, this would be a way of a basketball coach ensuring that his genotype survives the extinction event.

The conscious realization of a connection between the playing fields of Eton and the minor extinction event of war may relate more closely to concepts of organization or regimentation.

Finally, if there is historical mobility, with a natural statistical distribution, a person could arrive in a new country, having many dedicated students, but no relatives. He would have a greater effect on what evolution really is, the intelligent and constant shuffling together of communities, even with no eugenic connection. The role in defining the face of his previous community to his adopted community would have a deep and permanent effect on evolution.

Suburban mobility is of a different type, where people see each other in a mall, whom they have never seen before and will never see again, and recognize only brands and styles.

Articles such as the current Wikipedia article about plagues (usually the bubonic=black plague) appear to morally condemn sewage collection procedures, even though those plagues had nothing to do with sewage, they had been caused by commerce of grains, later prevented through persistent poisonings of rodents. The regimentation of sewage collection, the way pipes are chosen, bought, installed, and the building regulations, are equally illogical.

Just as, in the times of plague, it was believed that plague could be prevented by holding a flower in front of the nose to prevent the smell of sewage or the smell of death, it is currently illegal to build a house without an extractor fan to remove the smell of the toilet from the house. That is, building regulations require this. Just as the British standard for a tree survey requires that the land must be cleared before any tree survey takes place.

There is a regimentation of lifestyle generalizing the regimentation of sports or military. Any person can go to Homebase and pay a huge amount of money for a socially approved style of shower curtain rail. A person could also tie a rope between two nails, but this person would be shunned. He would be politely told, 'Are you going to redecorate?'

Poverty, and moral inappropriateness, in England, are identified with a failure to fall in line with a type of social regimentation. A person who does not fall in line is what is called in Reddit 'forever alone,' viewed as unsuitable for marriage.

Since people buy and sell their house or flat, and move every few years, it is hard to see any connection with genetics. People do write love stories, watch them, and these may influence genotypes in a degenerate way, not exactly a racial way, but the notion of a 'fair princess' as one having yellow hair, for example, might have an effect on genotypes.

If we think that genotypes express human thought, then one sees the eugenics of the German Nazis as an initial reaction to the visual mass media, and Hitler's recorded speeches coinciding with the first widespread ownership of radios in Germany. Between 1933 and 1938 the proportion of households owning a radio had gone from 1 in 5 to 4 in 5; the broadcasting of the strange and focussed anti-semitism of one man having an effect like the installation of the sewage outfall on the River Stour, at Ashford Treatment Plant, killed a 43 kilometer stretch of the river.

Mobility and fragmentation of culture, and the discontinuity of the relation between genotype and geography, imply that logical models of the flow of body fluids, or of the human genotype, necessarily have impossible conceptual gaps. Regarding genetics, although geneticists pretend to map and identify 'genes,' the truth is that their efforts are far, far less insightful than a computer scientist smashing his home computer and saying, 'I've discovered a capacitor,' and claiming that the function of the capacitor supports the beloved Microsoft Word or Microsoft Powerpoint.

Regarding genetic mapping, the foremost mathematical genius of his time, Mumford, himself consciously rejected the concept of 'discovery,' 'exploration' and 'mapping,' writing

"It is a strange sensation to read the commentaries in this book and look back through a mist (a cliché but quite true)....But it's fair to say that these papers were where my heart was.... I love maps, that is, maps in the sense of maps of the world, charts of the ocean, atlases of the sky....so why shouldn't you venture out, like Magellan, and uncover their geography."

An influential choreographer just yesterday choreographed the dance for the MTV awards, which involved the a 20 year old former child actress dancing with teddy bears, and subsequently dancing with a gigantic foam pointing finger; standing upon a stage designed like a fashion show runway, wearing latex unergarments which visibly expel the fat from the pubic and chest area, running the foam finger between her legs, and twerking at both the audience and at an older married actor wearing a gangster/rock star suit.

One might interpret it as a statement that the depicted child actress is now capable of having sexual fantasies while thinking about a superficial concept of a gangster/rock star, generalizing, or copying, the African-American gangster rap idea.

What is wrong is that concepts of gangster rap have a historical depth. Peter Cook and Dudley Moore parodied the R&B phrase 'burning all night long' as meaning 'Now they've fused the lights and the whole place has gone up.' Many listeners interpreted it as referring to a sexual liaison as in the later song 'disco inferno.' A philosopher asked me about this, if the natural land which was taken from me, still holds the pot bellied stove, where we had spent the night only once before we were evicted, looking into the coals and thinking together.

Where society is degenerate to the point that the only identifiable cultural delimiters are racial, the only meaningful expression of the former American slaves might be something like that, to refer to a rescued concept of the family centered around the family fire, burning all night long.

For the MTV awards to be broadcast now on the internet, entering discussions of whether it should be allowed to displace discussions of chemical weapons use in Syria, means that many people will consider this idea, of a comparison between fantasies of a young member of the former empire and the established fantasies of the former American slave culture which it copies.

But, if one is a basketball coach, one is relating to *this* player, analyzing *this* way of playing. The choreographer who happens to be linked to the MTV money is no different than Hitler propagating his anti-semitic ideas, in respect of the shallowness of dealing with global and continental cultural issues artistically or politically.

One does not have to condemn mathematical models abstractly to see what goes wrong.

For an administrator to say "Here's an idea, sewage smells bad, and I incorrectly blame it for historical plagues, so let's all build a huge pipe and send it far away where it is gone," is an obviously defective idea. It only seems to make sense to me when funding is allocated and mathematicians are sent to make their model. Then I can understand the ideas in the model.

When my land was landlocked, I was invited to see Mr. Ali, who had an alley which might reach my land. I had been frightened because it had been filled with builder's rubbish, including a traffic cone as if to say 'you are not allowed to walk here.'

He had given me slippers to wear in his house, and had shown me a photograph of a child, of the same age as the boy I had been separated from, for whom I had grieved that there is no place for him in nature.

Mr. Ali brought me to see the fence, and he said, he is trying to grow a garden here. The fence cast a shadow, nothing had grown. There were broken eggshells there, and tiny childrens' bicycles, broken and rusting.

I had said 'Tear down the fence!' He reminded me that my whole case is before a human rights court, I had expected a decision by May. Mr. Ali had said, let's wait until May.

About real people**Subject:** About real people**From:** john**Date:** 02/09/2013 16:53**To:** Sparrow

The guy Philip, of whom World Bank asked to make the model in 30 days, is a real person. He has a first (BSc) from Imperial College, and is an engineering professor in Atlanta Georgia.

He has, with coauthors, written a book about the project, the pages available for free are attached. One quote is

"Sewage collection and dispersal problems represent a major obstacle to Cartagena's overall economic developent."

One has to be very careful, not to do a repeat of the EPSRC failure, I never in a million years wanted to blame EPSRC for its position, nor to make it unfeasable. I know that who seems to be the 'bad guy' never really is.

An intelligent (but mainly comedic) series of videos by Volker Pisper are based on the theme that Americans' understanding of foreign policy is based on the notion 'we are the good guys.' One has to be careful, when one sees what seems like a mistake, to look at the role of each person, not in the sense that the actions of a person are causing the problems. Anyway, the Cartagena outfall is 'just for now.' It was never meant to be a permanent solution, and likely Philip does not pretend that it ever was....

Caratagena is, like Zakynthos, a tourist destination, and I'm sure that he is like those people who only think about the tourism industry down south of Zakynthos.

There are several jumbo jets each day coming from England. But, it is a real place with real people. In Zakynthos the sewage is merely carted away from the resorts by tanker trucks, the same ones which bring the water in the first place.

Still, the notion that 'we must take care of the sewage problem so that Cartagena can finally be developed' seems, and I think is, somehow backwards.

John M

PS Someone accidentally brought pizza and coca cola to our house, the delivery person. Dimitra obviously told them they have a typo in the address as she has never ordered that.

I dreamed last night that I was somehow stranded, but I had a huge American car. It had run out of petrol, and was rolling in reverse down hills. Because of this the power brakes did not work, and I was not strong enough to stop the car by the hard pressing needed to bypass the power brakes.

It was my responsibility to prevent the car from damaging any other cars, any houses, hitting any people.

And it was the feeling like one sometimes imagines, at the point of a very serious failure, when there is almost a moment of relief.

Thesis of Sharon of Australia and other documents**Subject:** Copy of thesis of Sharon of Australia and other documents**From:** john**Date:** 03/09/2013 13:09**To:** Sparrow

Sharon's thesis [1], linke from Wikipedia, is a thorough history of the sewage Outfall in Sydney Harbour.

The article includes a history of the concept of 'filth'

"The Victorian social doctrine that social progress and morality depended on physical well-being and a pure environment was voiced by the social reformers including Chadwick, 'How much of rebellion, of moral depravity and of crime has its root in physical disorder and depravity . . . The fever nests and seats of physical depravity are also the seats of moral depravity, disorder, and crime with which the police have most to do.' "

that such sentiments were repeated in British periodicals such as the Edinburgh Review, which had written

"There is a most fatal and certain connexion between physical uncleanliness and moral pollution . . . Those who suffer from fever . . . become unfit for, and have a hatred of, labour . . . have a craving for the stimulus of ardent spirits. . . he is crushed by drunkenness, profligacy, and poverty, and sinks from one stage of vice and misery to another, till the intellectual faculties become dimmed, all moral and religious feeling expires, the domestic affections are destroyed, all regard for law or property is lost . . . "

that

"Leading sanitary reformers in the United States held similar beliefs about the connections between insanitary conditions and immorality and crime. In New York, John Griscom and Robert Hartley were both committed to 'a pietism widespread in their generation' and their campaigns were based on their observations of the 'coincidence, or parallelism, of moral degradation and physical disease',"

and that

"These concerns found expression in Sydney where the connection between dirt and poverty was interpreted as an indication of the inferiority of the poor."

Also here is a photo of the poor refugees in swamps of Cartagena from a charity called 'childrens international' which says,

"Children flocked around us for the three days we worked in the swamp. Some were eager to help us with our equipment; others tussled over our discarded water bottles (they reuse them to store water at home). Still others asked questions about the faraway land called America, eagerly trying out the few words of English they knew."

and that the charity aims to help children like this to

"improve themselves, their families and their communities."

Here is the New York Times writing about the developed part of Cartanega

"Jade Duhamel, a waifish half-French, half-Mexican 22-year-old who currently resides in Buenos Aires, came to Cartagena for a long weekend this past spring. It was her first visit, and one morning at 3 a.m., she was dancing energetically at Quiebra Canto, a dimly lit salsa club in Cartagena's old city. I heard of Cartagena from friends in Paris, but I imagined it different, like a Spanish-speaking Jamaica or something, she said. You know, big spleefs and cold coconuts. I never thought it would be so. . . . She searched for the right adjective and then offered two: civilized but wild. She came as the guest of a pal, a young Colombian woman who was expertly hip shaking nearby. The two were waving cuba libres at the juking-and-jiving crowd getting down to a song extolling the restorative virtues of eating salchicha con huevos (sausage with eggs) at dawn after a long night of fun. We call this rumbeando, the Colombian friend said. Partying, dancing all night, getting drunk, waking up early to go to the beach, then doing it again."

Here is a middle class person writing about it

"Crows Nest is quite a bit bigger than Robert first thought it would be. When the plans were drawn up and a price agreed upon, Robert was thinking square feet....it turned out to be square meters!"

Here are quotes by Volker Pispers:

Calling the average american's mindset naive is a benevolent characterisation. Most americans don't know much about the world. Most Americans know only one thing about the world. We are the good guys. And that's beautiful. Nothing beats a simple world view. Nato has a new doctrine which says "Nato soldiers can be deployed outside alliance territory when, for example, our resource supply seems to be in danger." Try to spill hot coffee on an American's trousers. You will have to deal with a lawsuit that you won't be able to enjoy your life any longer. But when an American peacebomberkeeping squad patrols over Afghanistan ... the us government pays \$200 in damages for each of the 46 erroneously killed wedding guests. You can estimate how many Afghanis you can kill for spilling hot coffee on one American's trousers.

Last photo is some chairs in the developed and clean part of Cartanega.

--

Here [6] is the article in The Star of Canada about Josh Le's research. The newspaper title incorrectly calls his jeans 'stinky' where the point of his experiment was that unwashed jeans are NOT stinky if they are even very occasionally put in the freezer overnight:

"EDMONTON A University of Alberta student has discovered through science that a current fashion trend is safe, but can be a little stinky.

Josh Le donned the same pair of skin-tight jeans for 15 months without washing them. The idea was to break in the raw denim so the fabric would hug the contours of his body, leaving distinct wear lines and creases.

Curious about the health risks of wearing such a grubby garment, Le asked his textile professor to test the jeans for bacteria before he washed them for the first time.

The results showed high counts of five different kinds of bacteria in the denim, but nothing that posed a health hazard.

I was blown away. I thought there would be a lot more bacteria than was present, Le said Wednesday. It sort of shows that it is okay to not wash jeans.

Raw or dry denim is not washed or treated with chemicals when it is manufactured. The dark indigo pants are as stiff as cardboard. It's trendy to wear the tight jeans without washing them in the hope the indigo will wear away at stress points in the fabric. When the jeans are finally washed, they leave wear

patterns that are as personal as a fingerprint.

Human Ecology professor Rachel McQueen said the highest recordings of bacteria were found in the crotch of the jeans at 10,000 units per square centimetre, with lower readings in the back and front of the pants.

But the colonies were normal skin bacteria and did not include dangerous E. coli.

I didn't see any evidence of those, but that could be very unique to Josh. I mean, he wore underwear, which can be helpful, she said. Le said some of his friends were disgusted by his jeans experiment, but others were very understanding.

He said his dingy denim even became a good way of meeting new people. Some people really liked it, but some people were completely grossed out by it, he said. 'I was able to meet a lot more people and have a lot of good conversations. It was like, hey, nice jeans.'

Despite his best efforts to keep his jeans clean, Le said he still managed to spill food on them. He also wore them on hot days. He figures he wore them well over 200 times during the experiment.

He acknowledged the denim did get pretty ripe. His solution was to toss them in his freezer whenever they got too smelly. There were times when it had a bad odour, like in the seventh month, Le said. That's when I threw it in the freezer and magically when it came out it was odourless.

McQueen said what was most surprising was a second test she did on the jeans after they were washed and Le wore them again for another 13 days. The results were about the same.

She said while the bacteria didn't pose a risk for a healthy, strong young person, she recommends that people wash their jeans more often at least once a month.

'I would suggest washing your jeans more frequently. But that is more for control over the odour,' she said.

If people are just being lazy, perhaps odour could become a problem and they may lose friends rather than gain friends."

Here is a quote by 'Kay' from the TLC program 'extreme cheapskates,' she does not use toilet paper, rather keeps some paper towels permanently

"I take this water bottle I have, and I rinse myself off. If I just urinated, I'm done with that and then I dry myself off with one of the paper towels I have. If I took a dump, then I also (unintelligible) soap, wipe myself down with the soap, and then I take the water and rinse off the soap."

A youtube comment says that this is a common practise in many countries.

Here is a quote about raccoons carrying the very dangerous roundworm which causes (disabling) larval migrans in humans and other animals (though not in raccoons themselves).

This article [7] says that raccoons in the West Virginia Appalachian mountains are free of these roundworms:

"Abstract We investigated the occurrence of raccoon roundworm (*Baylisascaris procyonis*) in common raccoons (*Procyon lotor*) in the Allegheny Mountains of West Virginia during spring (n = 9, April-June) and fall (n = 5, August-October) 2001 and spring (n = 7) and fall (n = 4) 2002. We found no evidence of *B. procyonis* infection in 25 raccoons sampled by fecal floatation and necropsy methodologies.

Looking at Google Maps, one sees that the appalachians in West Virginia are such that the land near developed land is completely undeveloped. Other papers do not show a decrease in roundworms in suburban versus urban areas (they are endemic in raccoons in both places, at more than 50% infection rates).

Here is a quote from badgerland.co.uk advising developers how to do badger-friendly developments. The site is neutral, not 'for' developers or 'for' environmentalists, but unintentionally presumes that the area will be cleared and mown in usual ways. It advises planting thorns near the entrance of badger sets to protect from curious children. This presumably was before the debate about tuberculosis -- though presumably people are immune to that via vaccinations.

In order of preference, the options would be:

First, to leave a very wide area around the sett; and not to build anything on, near or through it.

Secondly, to modify the plans to realign buildings, roads, cables, pipes and drains so the badger sett can stay in position.

Thirdly, to move the sett further away from the development - perhaps by closing the main sett and building the badgers a nice new one at or outside the edge of the development.

Fourthly, translocate the whole clan of animals to another territory in another area.

Commercial pressures normally rule out Option 1 pretty quickly.

Option 2 can be quite popular, as it allows the developer to display some green credentials, and allows an additional selling point to new homeowners. It can also, in many cases,

result in badgers having the residents gardens to forage in (especially if the development has a mandatory open "prairie-style" arrangement). This will mean the badgers can forage on the home-owners lawns and get the occasional free meal from friendly householders. We would very urge campaigners to argue that planning permissions for developments next to badger setts should be conditional on the housing estate being maintained in an open style, to allow badgers the chance to forage in gardens.

There is no concept that the badgers are part of an ecosystem. They are treated as individual animals who now have legal rights but not property rights. Developers must get a license if badgers are present, and must follow various protocols. But not if actual badgers are not present. Even when badgers happen to be physically present, their access to habitat is to be turned over to the discretion of private owners; they may be allowed in the future to "forage on homeowners' lawns."

Likewise legislation about newts is restricted to actually protecting the individual newts, mainly

Their inclusion on Schedule 2 of the Conservation Regulations 1994 affords great crested newts extra protection by also making it an offence under Regulation 39(1) to deliberately capture, kill or disturb great crested newts or to deliberately take or destroy their eggs, or damage or destroy a breeding site or resting place. Regulation 39(2) makes it an offence to keep, or transport, or exchange great crested newts or any part or thing derived from them. Paragraphs 39(1) and 39(2) apply to all stages of their life cycle.

Here are some of my thoughts about a notion that animals might think, and about how genetic engineers' defense, dismissing critics as being afraid of 'frankenstein science,' are failing to dismiss a better film which exactly addresses the true danger, the film 'The Fly (1958). The film describes the difference between a group theoretic understanding of the effects of genetic engineering versus a chaos theory understanding:

If we translated the thoughts of animals or plants into our language (say, English), they will have no trouble representing deeper depth and ambiguity than any English poem. One issue is that people might think that the act of translating had been nearly arbitrary.

Another issue is that plants or animals would seem to be naive or ignorant. Does a bee really think that the part of an orchid which chemically and physically resembles a partner for him is really a partner? Does he trust incorrectly?

The same issue of ignorance and naivety, though, already applies to people, and is already embedded in anything that is written, especially what is presented to the public ear in the form of supposed scientific truth. In analysis of the great plagues, it had been foolish to diagnose that we should have separated ourselves from the scent of death through flowers. It is equally naive to have said that

we must prevent death, that we must isolate one species from the other, isolate rats from fleas, exterminate the bubonic (=black death) bacterium.

If nature had been designed by an intelligence, then human activity now would be betraying that intelligence. Religion tells us something similar, that we should have a love and responsibility for an original intelligence, it is reminiscent of what does seem like wisdom, the notion that human decisions ought now to have a love and responsibility for nature.

The difference is, nature has, it seems likely, not been designed by an intelligence, by a 'god.' As compelling as such a notion is, seeing photographs of people who have been victims of black death, to think that they have sinned to have become involved with wheat traders, and are experiencing the hell which is the just consequence of their sins, or to correctly predict the suffering of those who become involved with genetic engineering, even if it is all of humanity, as being about to reap what was sown, to enter the hell which we deserve, I would say that hollywood has a more compelling understanding.

Genetic engineers dismissively complain that the ignorant population is afraid of 'frankenstein sciene.' Yet, genetic engineering is exactly 'fly science' in the sense of the movie 'the fly' from 1958.

There, the loving wife of the scientist noticed that their beloved wedding present, having been sent through the transmitter, had emerged as a mirror image. Her husband had the solution, he sends the plate through a second time. This inverted the distortion, and the plate was saved.

Later, when the husband had been transmitted together with a fly, and the molecules of the fly mixed with his own, the couple make this argument: It had worked, with the plate, to send it through a second time. He could find the distorted, part human fly, and send himself and the fly through the machine a second time. Because there is a possibility -- although only now infinitesimally likely -- that the genetic permutation would exactly be reversed.

(In the original novel by George Langelaan the sentimental object is only a souvenir rather than a wedding present; and although it is the wife who notices the reversal of wording "napaj ni edam," the idea of sending something through a second time to reverse the change is not presented as a hopeless sentiment. Rather, he ignores the ashtray until after he is mixed up with the fly and writes to his wife, in both the book and the film, "Remember the ashtray experiment? I have had a similar accident, and informs her of his plan to send himself through a second time".)

Interestingly, even if we remain within the safe and reassuring domain of group theory, the domain where each transformation has an inverse, as the transformation which restored the wedding plate, even within that theory, and even within the theory of finitely presented groups, finite dimensional representations --even if nature were assumed to be faithfully represented by linear transformations like the reflection of the plate which in the fiction may have been caused by something like two misplaced wires -- there are unsolved and unsolvable problems.

For example the braidings together of four vines can be naturally represented by linear transformations of ordinary three dimensional

space, but no one knows whether the representation remains faithful except because of practical restrictions on the lengths of the vines; no computer in the world has been powerful enough to answer such a simple question.

Such attempts to apply pure maths to nature (the notion of genus of a Riemann surface, the notion of 'maps' in Mumford's preface, the notion of the serpent biting tail in Weyl's book, the notion that statistics might be improved by including notions from quantum mechanics which intermix intentionality with statistics, but on the macro scale) ignore the things understood by chaos theorists.

But chaos theory one iterates *one and the same transformation* in the way the wedding present was sent through the same transformation more than once in the movie 'the fly.'

Or else incorrectly assumes the prior existence of an 'action.' While the classification problems in group theory are known to be impossible, and those in chaos theory even more difficult, yet chaos theory is an intentional, completely fictional, simplification of nature.

Even *ignoring* all this, it is clearly and obviously incorrect to say that we can understand the effects of genetic changes which affect ourselves.

The relation between genetics and intentionality is one which extends the obvious destructive paradox of using an evolving brain to choose its method of evolution.

In mtheory.pdf I had written in the 1970's

"...if you ask a child what is his reason for wanting a 'Tango' (orange soda) he may say because it is yummy and delicious. That is his reason in one sense. The reason in the second sense may be because he is starved of some vitamin which occurs in citrus fruits, and during the significant part of human evolution no sour and sweet orange liquid existed which is devoid of this nutrient. But neither he, nor even his wise teachers, may know this reason, or even that he is starved of a nutrient, unless they can make a comparison between the properties of the liquid he is craving and similar liquids that exist in nature. Or, which may require even more wisdom, to make a comparison with a liquid in nature which may have become extinct."

"...For another example of how one might benefit by minimizing the effect of technology, in the case of a child craving a Tango, he could be taught simply to avoid foods that do not come from fruits, vegetables, meats, mushrooms, fish etc without processing. One very big problem with genetic engineering is that the possibility of thus distinguishing between 'processed' and 'unprocessed' foods should disappear and with it an important rescue lifeline also disappears."

References:

1. Sharon Beder, Engineering Decision-Making and Sydney's Sewerage System, New South Wales, Australia (1989)
2. Kelly Nix, Beyond tough: the amazing families of Cartagena's forgotten swamp, Children Internaional, February 15 (2012)
3. Tim Parsa, Columbian Gold in Cartagena, New York Times, May 20 (2007)
4. V. Pispers, History of the USA and terrorism, 'Bis neulich' (2004)
5. John Cotler, Student wears unwashed jeans for 15 months, The Canadian Press, Jan 19 (2011)
6. S. F. Owen, J. W. Edwards, W. M. Ford, J. M. Crum, P. B. Wood, Raccoon Roundworm in Raccoons in Central West Virginia, Wildlife and Fisheries Resources, Division of Forestry, West Virginia University
7. Simon Flory, Planning Permission, badgerland.co.uk (undated)
8. Friends of Thorpe Woodland, Press Release, April 30, 2013

Here is a local child living in the marsh in Cartanega.



Here is a photograph of the more developed part of Cartanega.



Re: Copy of thesis of Sharon of Australia and other documents

Subject: Re: Copy of thesis of Sharon of Australia and other documents

From: john

Date: 03/09/2013 14:21

To: Sparrow

Here [1] is a very interesting Canadian paper about sediment analysis showing historical effects of outfalls in Canada on plankton.

This shows (as one obviously knows) that Philip's type of model for the size of the plume would not delineate the geographical boundaries of discharging chemicals into the sea.

The Cartagena outfall discharges industrial wastes. The notion of how far away from the outfall is safe, based on a dispersion and current model, must have referred a fixed interval of time after construction of the outfall, somehow.

It is interesting in Sharon's thesis, the way that there were times when people could detect things going wrong with their senses, while scientists were saying, this is impossible, our measurements show there is no pollution.

Reference:

1. Krepakevich, Pospelova ,Tracing the influence of sewage discharge on coastal bays of Southern Vancouver Island using sedimentary records of phytoplankton Continental Shelf Research 10(2010)1924-1940

Clearly something is very wrong with the sea when a google images search of 'washed up' shows deformed, ill, and dying sea creatures.

washed up

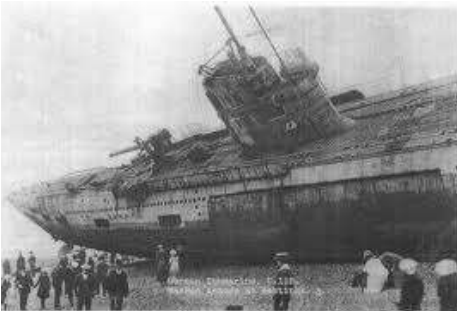
SIGN IN

Web **Images** Maps Shopping More Search tools

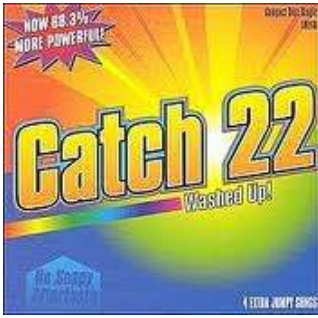
Cookies help us deliver our services. By using our services, you agree to our use of cookies.

OK

[Learn more](#)

















www.shutterstock.com - 82857763



www.shutterstock.com - 70716553



www.shutterstock.com - 46525021

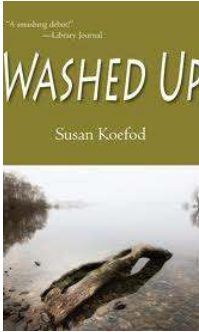
















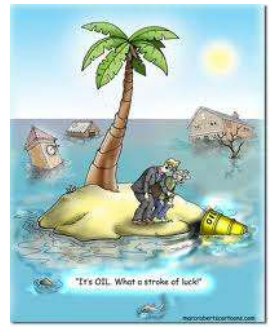








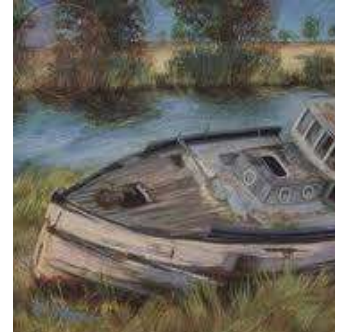
Photo by Karen Clark, NC Wildlife Resources Commission
This juvenile pilot whale washed up alive in Beaufort on Friday, Dec. 16. It was released and then died on the beach.



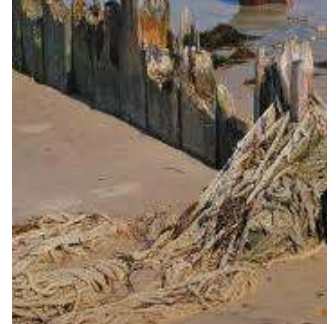


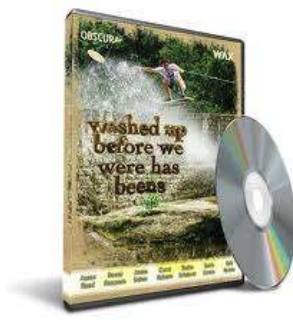






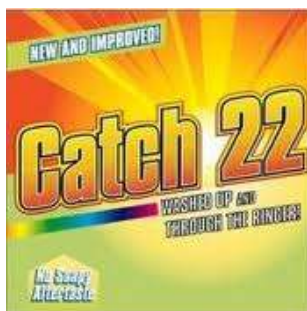








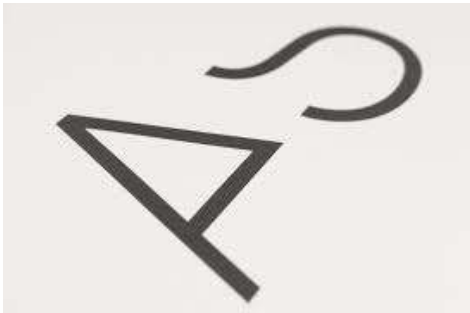








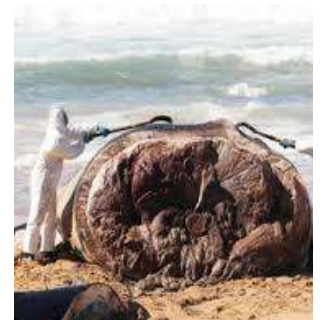






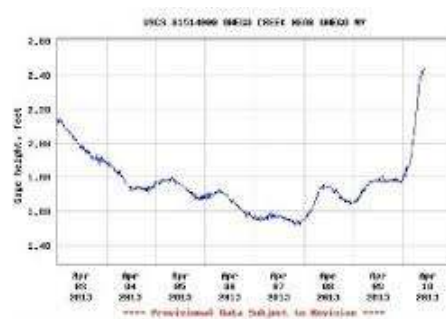


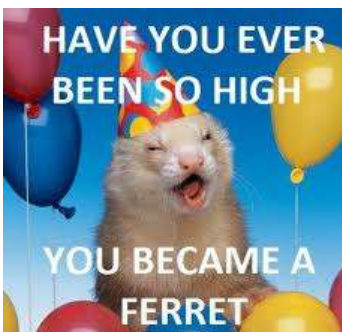
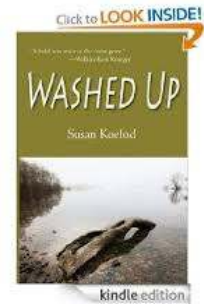




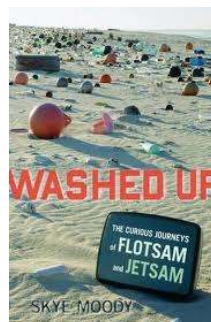
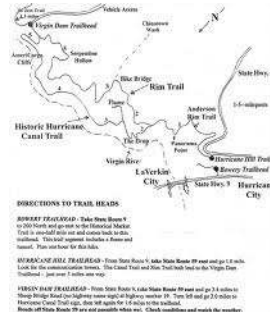












[Help](#)

[Send feedback](#)

[Privacy & Terms](#)

[Switch to basic version](#)

On land, just the fact that a majority of raccoons worldwide have roundworms, means that they are ill, they are suffering. It is actually slightly strange that this fact was not a concern to anyone, like how the rats and other wild animals dying of cancer who eat Monsanto's roundup on GM corn are not a concern to anyone -- that it just means we have to forget not to wash off the roundup, or, to be careful to avoid raccoon latrines.

Re: Copy of thesis of Sharon of Australia and other documents

Subject: Re: Copy of thesis of Sharon of Australia and other documents

From: john

Date: 03/09/2013 22:05

To: Sparrow

It is interesting that Sharon has written a huge variety of types of articles, some about 'collateral damage' to wild animals when rabbits are poisoned (and the amount of suffering the poisons cause to the rabbits) in Australia.

One article [1] jointly with a guy called Richard sets the context for a political scandal, it is along the lines of a conspiracy theory, but in fact the organization NAMI had been investigated by an Iowa Senator Grassley, and by the New York Times. They write about the way PR mixes with marketing. The things Richard writes are far-fetched, and this seems so but is not. It is published in "Ethical Human Sciences and Services," a journal that later was renamed "Ethical Human Psychology and Psychiatry" and has things like Leighton C Whittaker's theory that schizophrenia is just a type of treatable condition associated to extreme fearfulness in the patient. Here are excerpts:

"Merrill, executive vice president of the public relations firm Porter/Novelli, advises companies:"

" 'Put your words in someone else's mouth... There will be times when the position you advocate, no matter how well framed and supported, will not be accepted by the public simply because you are who you are. Any institution with a vested commercial interest in the outcome of an issue has a natural credibility barrier to overcome with the public, and often, with the media.' (Rose, 1991, p. 28)."

"The public relations industry often refers to front groups euphemistically as 'partners'. Steve Rabin, a former executive vice president/general manager of Porter/Novelli, is an expert on the art of forming advocacy partnerships. According to Rabin advocacy partnerships are all about 'the joining together of organizations commonly regarded as adversaries, the establishment of brand loyalty, the enhancement of product sales, the maintenance of a company's reputation and image in the community'. (Rabin, 1992, p. 32). More recently Rabin has been applying his skills in partnership formation with the giant PR conglomerate Nelson Communications Worldwide. Nelson's client list includes Abbott Laboratories, AstraZeneca, Bayer, Bristol-Myers Squibb, Eli Lilly, Glaxo Wellcome, Hoffman-La Roche, Janssen-Cilag,, Lundbeck, Novartis, Pfizer, SmithKline Beecham, Wyeth-Ayerst International, together with the National Alliance for the Mentally Ill (NAMI). (Nelson Communications Worldwide, 2001)."

* * *

"A key element of the PR strategy involves funding from the drug company Eli Lilly being channeled through both the World Psychiatric Association (Rosen et al. 2000) and NAMI (Silverstein, 1999; Oaks, 2000, p. 14) to mount an anti-stigma campaign. The thrust of the anti-stigma campaign is to advocate for the elimination of discrimination against people

diagnosed with schizophrenia, *so long as they are taking medication.*"

"Meanwhile, in what appears to be a coordinated strategy, the Treatment Advocacy Center (TAC), which was originally established as branch of NAMI, has been feeding a very different, but complimentary [sic], line to the media and the public about the dangerousness of *untreated schizophrenia*. This line involves associating untreated schizophrenia with news stories about violent behavior (Torrey & Zdanowicz, 1999, p. 27A)...."

Here is the board of directors of NAMI, which they list on their own website. Not one of these individuals is actually a Psychiatrist! The closest to medical professional people seem to be a professor of nursing and a dietician. It is true that marketing gets taken seriously by the public.

Anyway here is the board of the organization NAMI which is mentioned in the article which Sharon wrote about with Richard.

Keris, M.B.A., M.S., Ph.D.c, President

Keris is the president and CEO of Project Return Peer Support Network. She serves as a systems leadership team representative and stakeholder delegate in the Los Angeles County Department of Mental Health planning process for the Mental Health Services Act.

Full Bio

Jim, J.D., First Vice President

Jim comes from Falls Church, Va., where he has served as president of NAMI Northern Virginia. He previously served on the board of a nonprofit organization that promotes research and awareness for borderline personality disorder, where he also led family education courses.

Full Bio

Linda, Ph.D., R.N., M.N., Second Vice President

Linda is a professor of graduate nursing at Clarkson College in Omaha, Neb. She served on the Behavioral Health Oversight Commission for Behavioral Health Reform in Nebraska and the Nebraska State Mental Health Planning and Evaluation Council.

Full Bio

Ralph, Jr., M.D., Treasurer

After several years as president of NAMI Tulare County, Ralph was elected to the NAMI California board of directors. He chaired the NAMI States Presidents' Council for two years.

Full Bio

Marilyn, M.S., R.D., Secretary

Marilyn serves on the NAMI Board of Directors and is president and a consulting dietician at Cornucopia Food Service, Inc. Marilyn is a serving her second year as President of NAMI Farmington Valley in Connecticut, which she helped found in 2004.

Full Bio

Lacey, Ph.D.c, M.N.M., C.A.C. III

Lacey is a member on the NAMI Board of Directors, and a Deputy Director of Operations at Federation of Families for Children's Mental Health -CO Chapter in Denver. Lacey was previously the ED at NAMI Colorado.

Full Bio

Kym

Kym is a member of NAMI San Antonio. She is the president of Advanced Childhood Learning. As a member of the Board of Directors, Kim hopes to help NAMI grow in infrastructure and strengthen the standards of excellence.

Full Bio

Joyce, Ph.D.

Joyce is the author of the NAMI Family-to-Family program. She is a recipient of the 2011 NAMI Distinguished Service Award.

Full Bio

Carol, M.C.A.T.

Carol is a member on the NAMI Board of Directors and is the executive director of NAMI PA Montgomery County Lansdale, Penn. She was previously the director of the Montgomery County Crisis Residential Program in Norristown, Penn.

Full Bio

Janet, M.S.

Janet is the current president of NAMI Howard County and serves on the NAMI Maryland public policy committee. As an individual directly impacted by the support NAMI can give she would like to strengthen NAMI at the national, state and local levels through the successful implementation of the Standards of Excellence.

Full Bio

Dana

Dana found NAMI when she attended a support group through NAMI Roanoke Valley (Va.) in 2001. She wants to ensure the principles of recovery are reflected throughout NAMI programs and policies.

Full Bio

Victoria

Victoria is a member on the NAMI Board of Directors and a retired real estate broker.

Full Bio

Gary, D.M.D.

Gary served as president of NAMI Montana for eight years. Gary was the recipient of the 2013 NAMI Distinguished Service Award and 2003 NAMI Richard T. Greer Advocacy Award with his wife Sandra.

Full Bio

Ron, M.A.

Ron was instrumental in the creation of the National Council of Urban Indian Health and its first president. He is a member of the Psi Chi Psychological Academic Honor Society and the Society of Indian Psychologists.

Full Bio

Gloria, M.B.A.

Gloria is a member on the NAMI Board of Directors and executive director at NAMI Urban Greater Cincinnati Network on Mental Illness in Cincinnati.
Full Bio

Michael, M.S.Ed.

Mike is an expert on recovery and peer education and is the Director of the NAMI Consumer Council. He is a member of the National Association of Peer Support Specialists. He is also a trainer for Crisis Intervention Teams.
Full Bio

Lake Ontario**Subject:** Lake Ontario**From:** john**Date:** 04/09/2013 01:01**To:** Sparrow

Att'd is a satellite photo of Lake Ontario from August 24, showing that it is badly infected with algae or calcium carbonate. This was taken [2] from the orbiting space station.

According to Jim Watkins, a Cornell post-doc who was interviewed for Huffington Post, either calcium carbonate or algae would be a result of cleaning products in sewage. A survey [5] of the lake from 1994 until 2011 mentioned that "there are only a very few locations where Diporeia were collected. The densities are very low compared to earlier years. In fact, these comparisons are difficult to make due to the small number of organisms collected in 2008/2009."

Here is a description of one of the sewage outfalls into the lake:

"A three-metre diameter main pipe that extends from the Duffin Creek WPCP to approximately 1.1 kilometres into Lake Ontario. This pipe lies below the lake bed surface. Sixty-three (63) smaller pipes that extend vertically from the main pipe into the lake along the last approximately 180 meters of the main pipe. Of these 63 pipes, currently 38 are open. Each of these is fitted with an elbow and outlet cone called a diffuser port, which directs flow into the lake, parallel to the lake bed. The diffuser ports are at an average depth of nine metres below the water surface of Lake Ontario. The ports act similar to a Jacuzzi nozzle in a bathtub and are designed to facilitate rapid mixing of the effluent in the Lake."

Also att'd is HSBC's global ad saying "in the future the food chain and the supply chain will be one" with a picture of a fish.

Also the 2011 document which this ad links to which is written by HSBC's economists. The document talks about the urgency of growth and development which is "powered" by emerging economies. It is an incompetent document and nothing needs to be said about this.

The idea seems to be, if we do not increase the money enough we'll be poor.

A sort of related environmental article which I won't attach talks about how global warming will cause further acidification of the sea. This will cause loss of molluscs, and finally the cost of the lost molluscs is calculated.

There should be a simple and clear perspective on things that replaces the economic point of view.

It doesn't matter what strange stuff HSBC writes. Things that World Bank writes may matter just a little more.

It is interesting that by law World Bank can never be sued.

At the time the outfall in Cartagena was being built, people in

Columbian newspapers wrote in the comments forums almost all saying they actually don't want the Caribbean sea to become polluted, and they object to the outfall, they know that it will pollute the sea. Ordinary people were caring more about the distant future than the world bank.

I have to try to think clearly how all this is related to things we actually do understand, about models, axioms, mathematics.

...how those things could possibly be relate to the situation where an organization makes an expensive glossy magazine saying, 'Look Look the food is running out.'

I'm sure things will eventually gel in my mind somehow or another but at the moment it is all a bit confusing.



**In the future, the food chain
and the supply chain will merge.**



In tomorrow's global economy, every resource will be counted. HSBC is one of the world's leading supply chain organisations. We help companies keep tabs on stock across six continents – and five oceans. The future starts today.

There's more on world trade
at www.hsbc.com/inthefuture

HSBC 

Issued by HSBC Holdings plc. AC22907

References:

1. R. Gosden, S. Beder, Pharmaceutical Industry Agenda Setting in Mental Health Policies, Ethical Human Sciences and Services 3(3) Fall/Winter 2001, pp. 147-159.
2. Nasa, Earthobservatory.nasa.gov, August 24 (2013)
3. Class Environmental Assessment to address Outfall Capacity Limitations at the Duffin Creek Water Pollution Control Plant (local government progress report, Durham Canada, as of August 2013)
4. K. Ward, Quantifying the shift in the global economy, HSBC, 4 January (2011)
5. S. Lozano, Final Report, Status Macroinvertebrates in the Lake Ontario, 8 March (2011)

Here is a photo of algae in *all* the great lakes, especially Lake Erie



I have also found documents, one about landscaping [6], and a similar one about runoff in Lake Ontario (where the huge discoloration is now taking place).

The landscaping article [6] says, unfortunately, just discarding the lawnmower would not make land return to nature, unless one were willing to wait DECADES for this to take place.

The article about Lake Ontario says, an aim should be to somehow simulate pre-development properties of the land, in the way it absorbs rainfall rather than letting it run off. The recommendation appears to be a type of geo-engineering project to bring this about.

Cienaga de la virgen**Subject:** cienaga de la virgen**From:** john**Date:** 04/09/2013 14:49**To:** Sparrow

OK, in order to have any clarity it is necessary to go into some detail about this example.

One feature of Cartagena is that it surrounds what appears on Google maps to be a tidal bay, with a marsh at the southern end. This is called Cienaga de la Virgen, and it is called a swamp in most descriptions.

The account of local fishermen is that the bay has experienced a tremendous loss of biodiversity, from around the time Via del Mar was built across the front of the bay.

"Enrique Puerta Girado, quien lleva 30 anos en el oficio, recuerda con nostalgia como la pesca -hasta la d cada del 80-era abundante en la Cienaga. 'Habia sectores como el Hondo de las Islas, que tenia hasta dos metros de profundidad, y hoy no llega ni al metro; o El Duro, o Rincon Grande, donde uno pescaba hasta lebranche y jurel. Yo me admiraba de la cantidad de peces. Usted quiza no lo crea, pero de esa cie naga, antes de que se construyera la V a del Mar, se sacaba hasta sierra y carito, que son pescados de mar. Ahora ni en deseos.'"

(this was a quote [1] from El Universal, a newspaper).

There has been an ongoing landfill of the marsh at the southern end of the bay. This is described by the Charity 'Children International' as a futile process,

"New residents simply reclaim land from the swamp by dumping fill - dirt and debris brought in by dump trucks and laboriously moved to the water's edge in wheelbarrows - into the swamp until they have a small patch of land large enough to build a hut. The process has to be repeated at least twice annually, as the loosely-filled areas tend to sink."

According to the charity, the new residents are unfortunate refugees from violence elsewhere in the country. They admire America, according to the charity

"Children flocked around us for the three days we worked in the swamp. Some were eager to help us with our equipment; others tussled over our discarded water bottles (they reuse them to store water at home). Still others asked questions about the faraway land called America, eagerly trying out the few words of English they knew."

The charity's goal is to help the residents [2]

"improve themselves, their families and their communities."

Local fishermen in the communities describe the landfill process differently. Unlike the charity which describes it as a futile process, they describe it as a permanent and irreversible process, and they blame themselves, but they comment that such a gentrification process is profitable for them. From Vallenato:

"EL PROBLEMA: La situacion desespera a los pescadores de La Boquilla, que ven, impotentes, como la Ciénaga se degrada cada dia mas ante la indiferencia de los mismos nativos, muchos de los cuales contribuyen a ello esparciendo basuras en el cuerpo de agua y relleno las orillas para construir casas y mas tarde VENDERLE ESOS TERRENOS A PERSONES PUDIENTES que han visionado el corregimiento como un rea prospera para la construccion."

" 'No saben el dano que se hacen ellos mismos,' reflexiona Ariel Morales. La problem tica es gigante. La tala indiscriminada de manglares en distintas reas de la ciudad, la proliferaci n de rellenos, el desviso manipulado de arroyos naturales que en anos anteriores desembocaban en la Ciénaga, oxigenandola; y el vertimiento sin tratamiento alguno del 60% de las aguas servidas de Cartagena, han mermado la capacidad natural de la Ciénaga para degradar el excremento y otros desechos contaminantes (carbon, fosforo, potasio, etc. Todos los que aparecen en la tabla periodica)."

Fishermen's concerns are that the bay has become shallow and the whole bay can be navigated just by pressing with a stick on the bottom of the bay.

"La sedimentacion es tanta que la Ciénaga se navega facilmente

con la ayuda de una palanca, que no es mas que una vara con la que el pescador hace presion en el fondo del cuerpo de agua para impulsar el bote."

No explanation seems to have been investigated for why the bay has become shallow, whether it is because of the landfill attempts, or whether (which seems likely to me) the shortening of the bay has changed the resonant frequency away from what tidal bays must have, and the bay has had no way to repair itself, it is essentially encased in concrete now.

The El Universal article quotes fisherman Louis Alvarez saying the people lack the authority to prevent farmers taking ownership of the streams

"Falta autoridad para impedir que los due os de fincas se adue en de los arroyos"

A marine biologist there recommends using more powerful boats, fishing elsewhere

"Fernando Sanchez Rubio, biologo marino, director del instituto de estudios ambientales de la Universidad de San Buenaventura, complementa la opinion de Alvarado. 'A nuestros pescadores les hace falta tecnificacion y direccionamiento. Los pescadores de La Boquilla salen a hacer sus faenas a duras penas en botes de madera y algunos en lanchas. Con esas naves es imposible tener una pesca de calidad en el mar, por eso tienen que conformarse con la Cienaga. En otros pa ses los pescadores son duenos de embarcaciones grandes, dotadas con aparatos tecnicos que les indican el lugar exacto de los cardumenes; eso hace falta aqui.' "

The fishermen at the site of the new outfall talk about how anyone who had objected had just been hired as an employee, or given a larger fishing boat so that they could fish elsewhere, but they remain concerned about the future implications of the outfall.

Although people do not mention this, the locals mention that the bay had had a strong smell of sewage.

The marine biologist F Castillo, who advises the planning secretariat, says

"I dream of what Cartagena will be like in 2015, with the outfall pipeline fully operational, a coastal protection system in place, a completely unpolluted Ci naga de La Virgen, and all the fabulous beaches in tiptop condition"

This quote is from a Tierramerica publication [3] partly funded by World Bank, however the article which it is taken from seems neutral... as the quote shows.

According to Philip's book [4], the success of this project means it will be a model for future similar projects. His article [5] "Engineering Ocean Outfalls" is in the NATO ASI series, vol 172 (1986), for which the first article on page 1 (*not* written by Philip) begins

"The central thesis of this paper is not whether it is right for some of the wastes of modern industrial civilisations to be disposed of in the oceans - because the natural flux of elements in the atmosphere and the rivers makes this process inevitable. It is rather about the choices we can and should make about the pathways, quantities, rates and locations through and at which wastes enter the seas."

and the last article on page 73 begins

"Organo-chlorine compounds tend to be viewed as equally harmful substances. However,"

Note that the first article in the book seems not to be aware of the route for waste to enter the sea through evaporation and rainfall.

Philip's own book simply states

"Extensive experience around the world has shown that disposing of properly treated domestic wastewater through effective ocean outfalls is an economic and reliable strategy for wastewater disposal with minimal environmental effects. Unfortunately, this is not well known. Because of extensive publicity about 'dying' oceans..."

(Amusingly, by the way, the search for 'washed up' shows sections of the plastic Cartanega outfall pipe itself which had washed up elsewhere in the world when the pipe had broken into pieces on first installation, though not in the first few pages appended above).

About the model which he used, he writes

"Fecal coloform counts at the beaches were predicted to be always zero."

I would like to somehow connect this in my mind with my statement in 'definition of mathematics' saying that when an individual or gov't takes action based on a model the lie consists in enforcing that the unperceived errors are acceptable by default.

References:

1. E. O. Brito, La ciénaga de la Virgen grita su dolor, El Universal, July 12, ERICA OTERO BRITO
2. K. Nix, Beyond tough: the amazing families of Cartagena's forgotten swamp, Children Internaional, February 15 (2012)
3. H Martinez, Controversy Brews Over Climate Change Adaptation Project Tierramerica, January 25, 2013
4. P. Roberts, H. Salas, F. Reiff, M. Libhaber, A. Labbe, J. Thomson, Marine Wastewater Outfalls and Treatment Systems, IWA publishing, 2010
5. "Engineering Ocean Outfalls" in NATO ASI series, vol 172 (1986),
6. J. Diekelman, R. Shuster, Natural landscaping: Designing with native plant communities, University of Wisconsin Press (2002)

ANOVA and development**Subject:** ANOVA and development**From:** john**Date:** 05/09/2013 11:23**To:** Sparrow

Suppose that you are a forensic investigator, presented with a situation where car brakes have failed subsequent to being repaired. Let us suppose that without intentional tampering to destroy the brakes, the probability of failure is a number p (less than one of course).

Also suppose that the probability of a *general* mechanic while working on a car tampering with the brakes to make them fail is G (also less than one).

Then when *your particular* brakes have failed, the probability S that *your particular mechanic* has tampered with them to intentionally make them fail is best understood using the odds $S/(1-S)$. That is,

$$S/(1-S) = (1/p) G/(1-G)$$

Although we may not know the odds $G/(1-G)$ that a general mechanic would intentionally tamper with the brakes to make them fail, what we know is that *whatever those odds may be,* the odds that the particular mechanic has done that are greater, because of being multiplied by $(1/p)$.

This is true just because in restricting the distribution to the special case where the brakes are known to have failed, the numerator in $G/(1-G)$ is unchanged while the denominator is multiplied by the probability p that untampered brakes fail.

For each number t , The one tailed t statistic of Gosset, who called himself Student as he was a student of Pearson, is the probability that standard normal variables x_0, \dots, x_n should satisfy the inequality

$$x_0 / \sqrt{(x_1^2 + \dots + x_n^2)} \geq t/\sqrt{n}, \quad (1)$$

where x_0 is restricted to be positive. It equals the integral of the wedge product of the one-forms

$$1/\sqrt{(2\pi)} e^{-x_i^2/2} dx_i$$

over that region. The volume has various other names; twice the volume (from squaring both sides of the equation) is called the 'two-tailed' t test value; and writing $f=t^2$ the volume is also known as a 'Fisher f test value.'

Consider now a population from which we are going to choose individuals with wealth y_1, \dots, y_n , from an underlying normal distribution with *unknown standard deviation* σ . Suppose y_1, \dots, y_6 are chosen from a normal distribution with the same standard deviation as before, but with a possibly different mean value b . If $\sigma=1$ we have the wedge product of the standard normal one forms $1/\sqrt{(2\pi)} e^{-y_i^2/2} dy_i$ pushing forwards, in the sense of integration along the fibers, under the map

$$(y_1, \dots, y_6) \mapsto x_0 = (y_1 + \dots + y_6 - 6b)/\sqrt{6}$$

to the normal volume one form of x_0 . By comparison, under the map describing the sum of squares from the sample means of the first six and the last $n-6$ values $(y_1, \dots, y_n) \mapsto$

$$\sum_{i=1}^6 \left(y_i - \left(\frac{1}{6} \sum_{j=1}^6 y_j \right) \right)^2 + \sum_{i=7}^n \left(y_i - \left(\frac{1}{n-6} \sum_{j=7}^n y_j \right) \right)^2 \quad (2)$$

the wedge product of the n normal volume forms pushes forwards to the same one form as one gets from the ordinary sum of squares map

$$(x_1, \dots, x_{n-2}) \mapsto (x_1^2 + \dots + x_{n-2}^2)$$

(where the x_i now span the coinvariants of the Young subgroup). The numerator and denominator of (1) are homogeneous of degree one in σ . No matter what may be the standard deviation, the probability that for a particular such choice of y_1, \dots, y_6 the average of the six should exceed the supposed average b by more than $t/\sqrt{6}$ times the value of (2) is exactly the volume of the region (1) defining Student's t test, but with n (what is known as the number of 'degrees of freedom') replaced by $n-2$. Let's call this probability q .

If n is large, we could take the underlying distribution to have their observed standard deviation. It is no longer beyond computers to learn it; it is not necessary to use Student's test, as beautiful as it is. Secondly, wealth is not normally distributed. So it gives the wrong answer too.

If sets of 6 people are being chosen either with probability G intentionally with combined wealth more than a number B , or randomly from the population -- let's use the word 'fairly' here in place of 'randomly' so that we do not use 'randomly' in two different senses -- and if S is the probability that the *particular* group of six is unfairly chosen, then as we saw in the case of the forensic mechanic, the actual odds of unfairness are

$$S/(1-S) = (1/p) G/(1-G).$$

where p , which need not be given by a volume calculation at all, is just explicitly given by the formula $p=6.5.4.3.2.1/(n(n-1)(n-2)\dots(n-5)) \times X$ where X is the actual number of sets of six people whose combined wealth is more than B .

The t test, equivalently f test or ANOVA, gave a number q attempting to approximate p , but in an indirect way, which would have been useful if we had known that wealth is normally distributed, but not known which normal distribution to use, and under the assumption that the total wealth of a group is the sum of the wealths of the individuals.

The two possible fairness ratios $(1/p)$ and $(1/q)$ are in reality very different. The value of q gave a value of fairness which isn't really what things are like.

One could ensure the correctness of the additivity calculation, if one wished to do that, by physically giving tokens of wealth to individuals in the population, and when a group of people are assembled merely combining together the tokens.

A crucial thing that would be enforced is that the wealth of a group of people would be the sum of the wealths of the individuals.

Not long ago, systems of currency were multiplicative. It is still possible to buy a dozen eggs, so a family of three can each have an egg for four days, and then return to the shop only once to replenish the pantry. The number of pence in a crown was the factorial of five, divisible by all the numbers from 1 to 6. However, legislation has forced measures to be 'metric,' and the currency decimalized, which is more easily counted when it is added together, not when it is divided.

If we thought that y_i were actually measuring utility, we would be speaking of additivity of utility.

An assumption of additivity of utility presumes the existence of utility in the first place. Originally Bernoulli posited that utility is the expected value of log wealth, he thought that a person with no wealth should be considered to be infinitely unhappy; and economists apply a discount factor etc.

It also assumes Frobenius integrability, and it presumes that conscious choice originates in an inanimate way.

An example of the supposed additivity of utility is the World Bank using money earmarked for climate change to build the Cartagena outfall, justifying this that it will protect vulnerable people from sewage while also allowing development and increasing economic value of beaches. Yet there is no close alignment between the experiences of the vulnerable people -- they claim that the part of the bay that smells badly is the part near the nozzle, the newly constructed bridge, not where they live; they were excluded from consultation -- and those in charge of development, the hotels, the population of tourists (equal in number to the permanent population) and the businesses producing chemical sewage effluent believe that the smell is concentrated in the slums and marshes.

If one wished to worry about climate change one should worry, how do marshes migrate, what is contributing to the death of the oceans, their complete loss of resilience. Injecting chemicals and displaced sewage into the Caribbean in order that 'more development' should be possible seems unrelated to climate change.

There was not a mathematician or statistician incompetent enough to posit the notion of 'wealth,' but it is physically enforced. It is not discussed.

The discussions of how much will it cost when molluscs go extinct likewise presumes an additive notion of utility. They seem to presume that there is a deity who possesses one pot of wealth, and doles it out.

Then when mulluscs become extinct, part of this 'wealth' will be wasted. When the effect of removing a component from the ecosystem is not done only by subtraction.

Rather, the tremendously rapid emergence of bacterial, parasitic, and viral diseases -- there are millions of these, but more and more are coming to attention and infecting species like racoons, bats etc, emanate from the loss of ecosystems.

Many religions like Jainism etc seem to talk about trying not to hurt animals and plants, trying to be compassionate to nature, and the old testament seems to talk about plagues which will afflict evil people.

I don't believe in religions or in evil, but there might be some type of direct connection between notions that we can be uncompassionate to wild animals, and notions that we can be treated in ways that seem horrible by nature, like the terrible deaths caused by the bubonic plagues.

We have all needed to kill an insect sometimes, and seen how the thing suffers, appears to be in pain. We have inflicted on animals what if they were humans would be called genocide. If it feels frightening and unfair to us that everywhere plagues seem on the horizons, knowing as we do that our actions have caused these, is there any way we can see the suffering of small animals and insects as a warning that we could have understood.

When a person mows and treats an area of lawn, or lays a field to intensive crops, there is then no longer any suffering seen.

The first time a lawn is mowed, it is like a war. One finds half-frogs, and many terrible things. But later the habitat is gone, and there is no horror there.

Then when the raccoons have endemic roundworms, endangering children with the terrible Larval Migrans; when children have Lyme disease or malaria due to the land clearance, is there any way to look back at the original suffering, when the habitat was removed, and make a sort of logical connection with the suffering which the extinguished animals had felt?

In nature without human intervention there is not suffering like that. The things which humans build look like electron microscopy of an organism with many proliferating viruses.

A simple explanation is the one about the moth and the light, there the moth has no sense which can tell him he is not travelling in a straight line, since the artificial lights made by humans did not exist during a significant part of its evolution. Likewise for humans, living on an area of mowed lawns, or among crop fields, does not carry any terror as it would if such things had existed during the significant part of human evolution.

Perhaps, it is as simple as saying, although there is no concept of suffering which we see in the mowed lawn, in the golf course, etc, we do have a concept in our minds about what suffering is.

It is a strange concept, not the same actually as measured by a utility function.

Perhaps this is the whole point. That with a utility function, especially if it is calculated using tokens which are additive, when we take away tokens from a frog by killing it by a lawnmower, we get those in return which we might think of as the nice neat lawn.

But, if we think of suffering as shared, then we might worry more when we clear nature and see the obvious suffering that results.

The ~~macro~~-economist ~~Malkiel~~ Sidwick was one who introduced the notion of 'externalities' in economics. Although he did not call them such, they are really just the priceless things.

People always do think, yes, there is money, and then also there are priceless things.

Except in some things, like Jainian religion, things like killing small insects and frogs when land is cleared are not priceless.

In UK law some of these are, it is just not allowed to kill newts and badgers while clearing lawns.

Then though, one could apply Jainian ideas if one thought about how an animal suffers once its habitat is gone.

It is not a long term suffering, it is just suffering during a very brief time prior to extinction in one niche.

When I mentioned to Zacharias about how Americans laugh to see a deer or moose in a suburban neighbourhood, he said, it was the same for the American Indians. People say, "I own this now, it is mine, it is so funny to see you here." Though you can do a google search for deer caught in fences to see some of this suffering.

In the case of the American Indians, they were unaware of their future fate, as the animals are. The animals do not fear land clearance, they do not understand the cumulative effects of it.

That is a great difficulty that hygienic land clearances do not actually cause any immediate suffering that one can observe. The newts are carefully saved, the badgers. The surviving numbers merely dwindle.

But what happens is that we can't prevent our own suffering when we prevent theirs.

So I guess I would say, that if we worked by taking the animals' suffering as a portent of our own, we'd be deceiving ourselves. We are kind, to that extent. We minimize or eliminate suffering of animals. It is like how people being humanely executed do not suffer.

We are executing animal species humanely, but still we will suffer for it; it is somehow confusing and perhaps seems unfair.

*

*

*

How actually does ordinary introductory economics work here?

If people agree to trade possessions or contracts, would there necessarily be an equilibrium state where no two people would want to trade anything further? Does that imply the existence of a function from items to real numbers, such that items could be interchangeable with real numbers?

It seems that no such thing is true. I can put a lock on the outside of your door, and tell you that the key will cost you all of the possessions in your house.

Suppose we even ignore 'externalities,' suppose further that we we actually assume, contrary to what is the actual truth, the existence of a real valued utility function, and that we have assumed that each person has items which have a real utility value, possibly a different value for each person.

Even suppose that each person has exactly one possession that matters, so the real-valued utility function comprises just a real matrix with entries m_{ij} saying how much utility the item belonging to person i would have if it belonged to person j . Two people can both increase their utility number by interchanging items whenever interchanging two rows of the matrix increases the diagonal entry in both rows.

I guess I am not feeling at all clever about this, but I do not see, even if we actually assume the existence of such a real-valued utility function, where the notion of an equivalence relation of values, or of a real 'financial value' arises even in such simple examples.

For example, in the case of the matrix

```
1 9 2
2 3 1
2 1 1
```

if person 1 meets person 3 they will decide to trade resulting in

```
2 1 1
2 3 1
1 9 2
```

We see that the trace of the matrix has increased by an integer, it cannot increase indefinitely so an equilibrium will always be reached.

But look at this one! It was extremely detrimental to person 2, who has no willing partners and has lost the chance of having a utility of 9!

The fact that a decision to trade is based on two numerical comparisons, while affecting six numbers, means that there is little consideration for the effects of trade, even when it is to the advantage of both trading partners.

If you remove restrictions like this, still under all the same assumptions of a real utility function, you just ask for an economic model which assigns a preferred ordering of the rows to each such matrix. It is tempting then to want to add the numbers, to consider the trace, referring as Boland did in his recommendation for UK housing policy to the 'sum of human happiness.'

But one must realize firstly, there is no such thing as happiness.

Secondly, even if there were, transplanting things from one person to another does not have an additive effect on happiness, however one might try to quantify it.

Thirdly, what here we represented as the amount of happiness a person would have owning one or another possession, would need to be combined based on all the different choices, all the different relationships that a person might have. Even in the most cynical analogy with classical physics, there is no such meaningful combination of several variables. It was a misleading coincidence that the n body problem has the classical integral of 'energy' even when it is chaotic. This has led to a deep misunderstanding of science, by the Americans in particular, it has led to a misunderstanding to the effect that energy on earth has an intrinsic meaning. No classical integral is generally found even in classical celestial physics, as I've mentioned elsewhere.

Turning attention on acquisition of energy and maintaining a flow of energy has displaced moral imperatives such as supporting countries which had expressed a hope that it should be possible to turn away from development.

Fourthly, each individual decision, each individual contract, is not a matter of an impulse of any type of happiness being added or taken away, unless one assumes as an orientation, as the American Psychologist paper had incorrectly assumed; that is, a dualism, where there might have been duality.

What Fernando said about information and understanding implies that rather than being measured as empirically valued impulses of 'goodness' or empirically 'correct information,' human thought and human interaction with nature could be understood to interact with what in engineering and information theory had been misunderstood to be a 'protocol.'

All four objections are actually obvious things, not mysterious. Governments allocate things like hunting licenses to people, or punish people with speeding points on their licenses, and there is no presumption that one should be allowed to trade speeding points for hunting kills, or that particular licenses should be totally ordered.

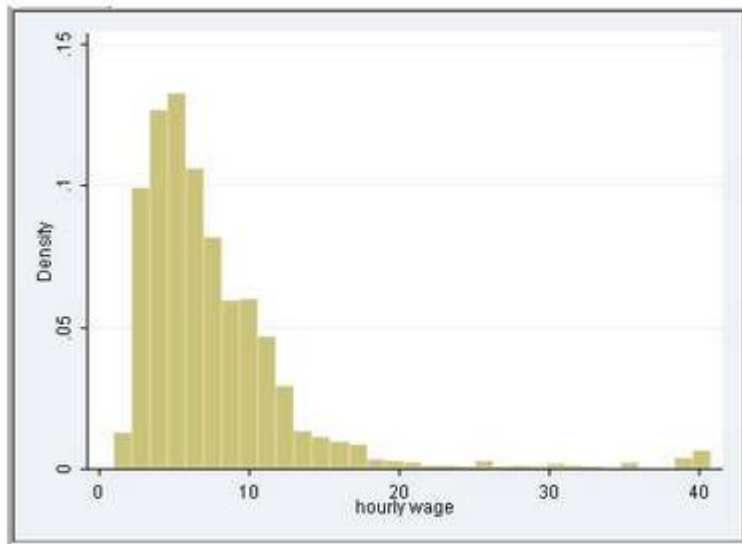
Let us now just **ignore** all four objections, and assume a definition of wealth according to prevailing economic theory. This is not difficult to do, I am now speaking of the number of English pounds which a person in England owns, as reported to the tax office. This indeed does assign a real number, even an integer, to each person in the population.

Using this prevailing definition (or examining this empirically) one would indeed see that an anova would have less error if it were run using $\log(\text{wealth})$ instead of wealth.

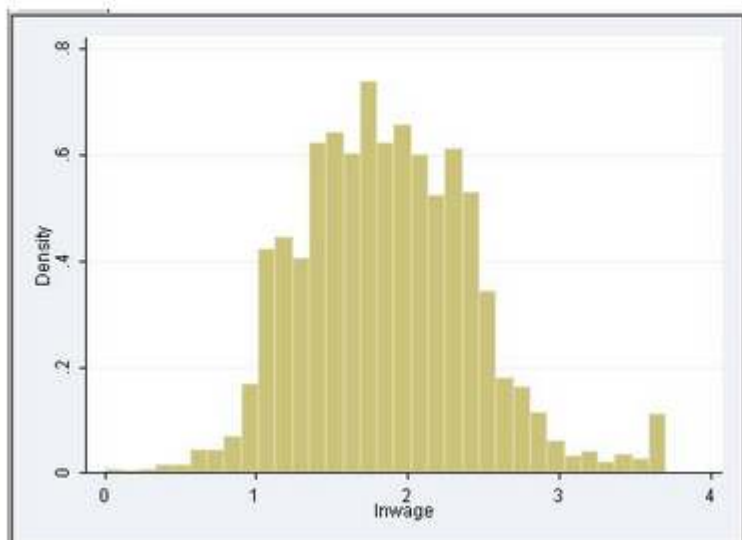
Even using the prevailing notion of wealth as it is, $\log(\text{wealth})$ should be more normally distributed than wealth. While Bernoulli was likely not correct to think that having no expected wealth is the same as being infinitely unhappy, his notions about trading would predict a non-normal distribution of wealth according to the **prevailing** definition, according to how wealth **is** being traded, and would predict a normal distribution for $\log(\text{wealth})$.

Searching briefly, one sees immediately that this is a well-known fact. For example, Princeton University's Department of Statistical Services includes an example of how to run their software on data from the 1988 National Logitudinal Study of Young Women. They compare hourly wages with the logarithm of hourly wages and indeed the second looks more normally distributed.

```
histogram wage
```



```
gen lnwage=ln(wage)
histogram lnwage
```



This connects well now with the notion of personal tragedy. In a group of people, sharing their ordinary wealth among each other is not the same as giving each the mean log wealth of the group (and exponentiating).

If one member of the group has some tragic circumstances then the mean log wealth of the group would be low, even if all the others are very wealthy.

It might be, in terms of the happiness of the group, if they are friends, such a notion of mean utility according to Bernoulli's definition might behave statistically in a more reasonable way than thinking about mean wealth.

And slightly more how people feel about things. In a group of people if all but one got a promotion and the last one had a tragedy, all thoughts would be on the tragedy, not on the aggregate promotions.

The awful conclusion is that if one uses anonymous (=universal) currency, additively, then people acting as businessmen will then unknowingly act to inflict a tragedy on someone whenever it can lead to such an aggregate promotion.

One is not required to make policy using the prevailing definition of wealth. But if one does consider that definition; if one considers what is a simple change one could make to the prevailing economic theory that would make it a little more humane, it then becomes amusing to think what would happen if property law were enforced multiplicatively.

Suppose that people collect berries, with each person having different amounts of berries to eat. An item advertised for sale is advertised for a proportion, such as $2/7$. At the point of purchase, the buyer pays $2/7$ of his berries in tax, and the vendor collects in welfare the amount of $2/7$ of his own berries. Even if the buyer is wealthy, he is required to pay $2/7$ of his berries to purchase the item. Even if the vendor is poor, he receives only $2/7$ of his berries.

The berries belonging to a poor person then have equal buying power as the berries belonging to a wealthy person. The purchases of a poor person would be subsidized by government berries.

Once we replace berries by electronic currency, there is no reason not to keep track of the logarithm of the number of berries. Except that $1+2/7$ and $1-2/7$ aren't quite reciprocals, one sees an ordinary system of transactions in which there is no limit to debt, in which the government offers unlimited zero interest loans to all comers, and in which the maximal financial value conveyable in any single trade is the same for all people on earth.

It just seems different, for a person to say, "I want to buy that pillow, but I have only 100 pennies, most people have 100 dollars," and for the shop owner to say, "Don't worry, the government will turn five of your pennies into dollars, just as if you had bought it for five dollars."

The supposed limitations to the 'money supply' to forestall inflation seem ridiculous now, if one thinks of a person, not being billions of dollars in debt, but being just nearly penniless. Limitations to the 'money supply' are arbitrary and political.

It could just as well be done that with proportional trading, as I've described, once your wealth is below one penny, social workers appear saying, "Oh my poor dear, what's happened? And you look terrible? And your house is *filled* with willow china!" And you answer, "I've been eating at "Macdonalds! And I've gotten addicted to collecting willow china!"

I'm not saying that having tokens of trade more closely matching a more correct definition of utility (which is not a real number at all) would form a feasible interpretation of economics.

I am saying that the current pretense, that there is a 'money supply' with an additive boundary, has never been anything but a conjuring trick.

If people really were trading things, there would be all the beauty, subtlety and ambiguity of gifts, of sharing, of human relationships. The heartlessness of modern capitalism is based in the way it is a complete lie that there is any external additive boundary at the limits of the money supply.

It's telling people, "You suffering? Well, there's something that you need, see. It's a fictitious token we invented, but your problem is that we just now ran completely out of it.

It should never matter so much whether the rules of commerce are justified by a lie or not. A person might have a right not to get involved with it. In Cienaga de la Virgen, the tragedy was the near extinction of the bay when the road was first built, enforcing the dependence on those rules.

* * *

I do not pretend to understand this, but anyway the circumstance where people 'possess' items is very artificial too.

The cleverness of my own situation is that I am not sure if I am giving or getting utility or wealth from the university. The job description had required me to collect and disburse nothing but funding; it did not specify the currency of which country.

It would have meant that my job performance might be low when measured in Kronos, or high when measured in pounds, for example. They did intend to measure my job performance in pounds, and actually this type of thing is significant.

If I cared about Kronos and not pounds, the things I care about would not be part of the contract. If we could interpret the coercive elements of the letter from Tim as being ironic, or of being part of a performance in a more general sense, then the whole notion of English pounds becomes archaic, only.

That is, the notion of my contract could be seen as being of an ambiguous type. Human contracts always do have a deep ambiguity, and it is ridiculous that the only effective thing that the European Court of Human Rights ever does is to decide on the allocation of *financial compensation*.

This reminds me of Philip's book saying, of course, it is ridiculous to say 'The oceans are dying.'

And his book, while being so very clear about issues of fecal coliform bacteria on beaches in his discussion of Cartagena, lists all the very serious contaminants that are in sewage, and makes no pretense that his contract with World Bank was meant to deal with these.

Having been educated in England, he is likely the type of subtle and intelligent subversive that does come out of the English university system, not, like an American, invested in wanting to appear to be the 'good guy,' but rather actually being the good guy even if it means playing the villain according to the requirements of the employment contract.

That is, an academic who studies Engineering is not the same as an engineer, certainly is not what Atiyah might call a failed Engineer. Rather, an academic who studies engineering is someone like Sharon, who is an activist.

There are different ways of being an activist, some more subtle than others.

How much do we reward, or punish, someone like Philip for writing 'The oceans are dying' He wrote it in a context to say, of course the assertion is false.

Truth or falsehood of an assertion is not decided by presenting either assertion to the public. This we know from the way the tutor of Marie Antoinette's son saved his life by accusing her, from the way the pope helped Galileo by opposing the truth of his idea, or the way Galois' editors helped him by rejecting his papers.

I have seen on English TV, English social workers, in the case of parents who were lazy and drove their daughter to exhaustion, telling the parents, the problem is that the daughter is lazy, she needs to be driven harder.

A communication, a contract, is not where an agreement is made to exchange two items. Scholarship is not where an agreement is made to pronounce a decision on a matter of fact.

Conclusion**Subject:** Conclusion:**From:** john**Date:** 11/09/2013 16:58**To:** Sparrow

CONCLUSION:

=====

I had better add a personal conclusion to all those emails.

One thing is, when I was in Maine, it occurred to me how much cleverer my mom and sisters are than I am. All the mind-stretching to do Maths hasn't been good for my common sense.

One thing my Mom said, at a family gathering, is, the word 'lying' is a strong word. I'd said it as a sort of joke, but she was taking it seriously. This was before I just now wrote saying that HSBC's statement that the supply chain will equal the food chain is just a lie.

I really should not have said it that way, and especially, the article linked to that advertisement, which I did not read, I should not have commented on at all. The article assumed some graphs which seemed to assume that the planet has a finite amount of wealth, only. The author has been able to speak eloquently and sensitively in the past.

I should not disparage economists for saying that there is a money supply with an additive boundary. It is economists who said that this is *not* true. It was they who first discovered the fallacy of composition.

Regarding global wealth, it is tempting to want a responsible dad to be there, just like a dad at home is, going out, and doing things to bring back food.

The fallacy is based on an observation that even when we talk about the global economy, we seem not to be able to do anything but imagine it as a combination of families, such that the responsibilities which the global economy has would be just a composite of the responsibilities of one dad in the economy.

We see that this is false. In Cienaga de la Virgen, historically, the marsh was shared. Anyone who wanted to could live there. There were fish in the bay which one could catch by building a small wooden boat. Each dad would have to make a wooden boat, but the global economy wasn't responsible for putting fish in the bay, the fish were already there.

And always the dads hearing their little childrens' pleas to be kinder to the fish or crabs which are caught, not to hurt them, even, not to hurt them if they are taken.

Not only do economists realize that the money supply does not have an additive boundary, they were the ones who started thinking about what the boundary should look like; that is what they call monetary policy.

A notion of a proportional, rather than additive, monetary policy is what takes place in proportional taxation, it also takes place sometimes in University fees nowadays. That is, in two things where trading is restricted to take place according to a schedule, and where it would be considered unfair for the trade to take place for some people but not others (though the proportion is applied only on one side of the transaction).

If there were ever a way of preventing illicit financial dealing, or things like mortgages, it could also have prevented a wealthy person from wishing someone living in a Marsh to pave an area for a condominium -- like the principal sought in 'dumb and dumberer' -- and himself move away.

Sometime, recently, at the time when the road was built, the ecosystem at Cienaga de la Virgen collapsed. The bay became shallow, people began filling the marsh using pickup trucks, selling the filled lots to become part of the existing city.

An airport was built, hotels were built.

Economists are not liars, and they are not bad people. When the area came to the attention of the World Bank, industrial effluent was entering the marsh by the streams there. Local people were more worried about ownership of the stream banks being lost, as it was; they were not worried about industrial effluent.

Making a pipe to bypass the marsh was not a poorly intended action, even if the locals did not completely understand what was being done. And it was, I truly believe, a moral victory to pipe the effluent completely to the other side, where the beaches are, instead. It was deeply ethical to do and say whatever needs to be said that the wealthy tourists and the hotels accept this happening, rather than allowing the marsh itself to become a sewer.

Still it is interesting that the locals' common-sense reservations were supported by the most advanced models now.

So, why did I use the term 'lie' to refer to the HSBC advertisement saying that the supply chain and the food chain will become the same?

I am just an ordinary person. In my job I learned definitions of the words "model," "theory," and "language." These definitions change from time to time, but also I have gotten to know a group of people who all agree with me about what these words mean, once specific details are specified. So that an 'economic theory' means to me something very precise and specific. It means a theory, in this agreed sense.

And, an 'economy' then means a model of this theory.

A theory involves a language, and it involves axioms. We know that no set of axioms is meaningful outside one particular niche in nature. If we are to talk of a global economic theory, we are supposing somehow -- although this is impossible -- that the earth is one niche.

This is biologically false. There was no time in evolution when humans had to make global decisions. To use a global economic theory is to speak of a theory which really works in one real true biological niche or another, but then to pretend it works globally, even while knowing that this is a false pretense.

The notion that we are globally doing things to get food, like the fish pictured in the HSBC advertisement, could lead to considerations of one such model. It is important to see that the niche within which the various axioms would arise in our minds is really a niche quite a lot more like the one which was in Cienaga de la Virgen, but before the road had been built. When the dad would have a responsibility to build a wooden boat, and go out and look for exactly such a fish!

I am not at all speaking of an intentional lie, but I am saying, Economists themselves know about, and invented, the concept of the fallacy of composition. The reason axioms only make sense in one niche is because the logical faculty of the brain belongs to a biological organ; and so, although it is perfectly fine to make a global model of an economic theory, we also understand that it doesn't correspond to anything in the real world.

Now, let's overlook this objection, and suppose we do choose an economic theory, and a model of the economic theory, by which I mean, an economy.

It is known not only that theories can have more than one model, it is known that they can have more than one model of which it is true that they are indistinguishable, one from the other, by any statement in the language within which the theory was formulated.

What this means in practise is that if our language includes the word 'suffering,' we might make two completely different economies which are indistinguishable, one from the other, regarding any statement which we can make in our technical economic language. But which are very very different when discussed using common-sense language.

It may be the case in one of the two economies that the statement 'There is no suffering' is true.

Then it would, necessarily, also be true in the second.

When we look naively, using common sense, at the second economy, we may see that there is a person being strapped to a dinner table, his eyes about to be eaten out with red hot forks by the others.

When you ask yourself, "How could this happen?" the answer would be, the language of your economic theory does not include the word 'eyes' at all.

Once the word 'eyes' is added to the language, and the theory appropriately adjusted, it would be true and provable that the economies are different, that the second economy does have suffering.

Though I always worried about who is 'we' in discussions with Hodges, at least now, I can say, that if scholars are the global decision makers, and if we believe in an economic theory, "we" get to choose a model of whatever theory of the global economy we may believe in.

It is difficult, because *no* theory of the global economy is going to make sense. It is impossible.

People talk about tentative models, and approximate models. The issue is that provably there can only be tentative theories, never a definitive theory of global economics.

If we are inclined to consider some theory of economics, then when we choose a model, we actually are choosing something a little more than an abstract model. We are choosing in reality what rules and conventions will apply to people.

One could ask, what if there are people, once an economic model is imposed, who see it as unfair, as if they were the ones lying on a table with people about to eat their eyes with hot forks.

They will be told, "It is scientifically proven that you will still be able to see afterwards. And anyway, it is economically proven that you will not suffer."

If you believe that consciousness belongs not to individuals, but to communities, then you could imagine the historical residents of the marsh at Cienaga de la Virgen, the community living there, sharing the land, sharing the biodiversity, and living stably there, as being such people, at the moment when someone decided to build the road, pour surfactants where they could reach the streams, constrained the inlet, or whatever other action had caused the biodiversity to collapse. They shouldn't be required to know why -- as even now we do not know.