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*Wittgenstein and Physics*

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This article is constructed in two parts. The first part is a corrigendum of any errata that one is now evolving past as it is juvenilia and initial attempts at writing *news* – the English word developed in the 14<sup>th</sup> century as a plural form of *new*. The second part is more independent scholarship akin to a Professorial habilitation chapter. Although there is a balanced, neutral, scientific tone through out both parts, the latter part is more positive than the first. My analytic focus is on free will and moral determinism. 'The superior man acts before he speaks, and afterwards speaks according to his actions' (Confucius: *Analects*).

## **Part I**

Jo Ashbourn, the Director of History and Philosophy of Physics (HAPP) at the University of Oxford wrote to me an invitation to their inaugural event *Wittgenstein and Physics* taking place on the 22<sup>nd</sup> November 2014. Thus it is necessary for me to update the Avello Publishing news and write a sequel to my first book on feminism *The Question of Non-Being? A Pragmatic Methodology of Casino Contingency* (2013). Slight textual amendments are necessary, especially to my 2012 review of *Prohibition Magazine*, as several years have passed, so biophysical nanobot manufacturing has evolved to a much more mature position. The Avello Publishing Journal itself has not reached its five year impact level, let alone its first ten year milestone, which is when its impact factor can be properly measured for value purposes.

It is often wisest to wait until a few decades of a publication have been printed before an adequate political or scientific reaction can be written - so that one can have a genuine, critical and

noble response with integrity, which includes analysis of the various phases of its intellectual development. The word philosopher originates from the ancient Greek word φιλόσοφος. Socrates wisdom is perhaps at its most eloquent in this ancient paradox: 'οὗτος μὲν οἶεταί τι εἰδέναι οὐκ εἰδώς, ἐγὼ δέ, ὥσπερ οὖν οὐκ οἶδα, οὐδὲ οἶομαι' (Plato: *Apology*). Over sixty years have passed since the publication of Ludwig Wittgenstein's German text about logic, mathematics, psychology and the nature of our minds called *Philosophical Investigations*, thus we have allowed sufficient time for enough secondary criticism to be analysed over ample generations. More astute and erudite philosophers of science do not give feedback to a newly appointed young scientist's *annus mirabilis* (miracle year) of published papers but wait until their later period / decades of their published text corpus before giving feedback.

Yesterday one met in person Baroness D' Souza, Lord Speaker of the House of Lords. This meeting was at the Cambridge Union Society near Ludwig Wittgenstein's former office at Trinity College, University of Cambridge. Baroness D' Souza previously worked at the Nuffield Institute of Brain Chemistry and Human Nutrition whilst she was studying on a Doctor of Philosophy (D.Phil) course at the University of Oxford. It is now very clear that the Chief Constable for Cambridgeshire Simon Parr **did not permit** nanobots to be implanted in to unwitting, young people (without their consent) so their synapse – activity and private thoughts can be hacked and broadcast publicly. Also the Home Secretary Theresa May is equally not responsible for these bioterrorist hacking activities hidden by a very small minority of medical researchers at the University of Cambridge. A combination of disinformation and misinformation has catalysed Simon Parr and Theresa May unfortunately being made scapegoats for the neuropsychopharmacological hackers. This neurological espionage also has nothing to do with disrupting the medical cannabis trade in the U.K. An attempt was made to cover-up the neurobiological hacker's embarrassing incompetence by concealing the experiments with friends of the Special Branch unit's advances in neurotherapeutics, however the deception did not work as several experts in biogenomics exposed their computational

biological research as being used on babies.

Several babies are having their brain's hacked so that they never fully understand the autonomous freedom of their own neurotransmitters. Tim Squirrell, University of Cambridge, has recently re-found texts describing non-consensual brain experiments on a woman dying of cancer in 1874, thus it seems that neuropsychopharmacology has evolved to a level where local scientists are now focusing on biohacking children instead. Neurodegenerative diseases are being faked in babies because older children are more articulate at complaining against clinical, neurological hacking, thus the relevant nanotechnology is being applied as early as possible to control as much of the child's nervous system remotely without their consent. 'It is not death that a man should fear, but he should fear never beginning to live' (Marcus Aurelius *Meditations*). Shaping the lives of children's intellectual development through science, is not only tied to epistemology, but also to ethics. Isaiah Berlin was the political theorist who has had the most influence at Oxford University this century about this crooked timber of humanity, however this was long before the non-invasive and invasive neuro-hacking of neo-natal incubated babies in intensive care started. It is hard to admire science when Bayesian modelling is being misused in neuroeconomics to control the organisation of language in children's brains. Several mothers are attempting to reproduce like the aphid insect species, asexually, where offspring arises from a single organism, without permission of the fathers, like archaebacteria. This is to facilitate and cover-up the biohacking of babies.

## Part II

$$E [f(x)] = \mu(x)$$

Gaussian process models can be visually represented as waves. The equation above represents one of its mean functions. Prediction, extrapolation, inception and induction are all examples of learning a function from the electrical activity data of a living person's brain in real-time. This is very useful for creating things like the Hamiltonian Monte Carlo (HMC) algorithm in mathematics and physics, however is illegal without the person's consent. When Albert Einstein died in 1955 his brain was

removed then stolen from Princeton Hospital by Thomas Harvey and dissected without the permission of his family. Albert Einstein wished to die elegantly thus Falk, Lepore and Noe's *The Cerebral Cortex of Albert Einstein: a Description and Preliminary Analysis of Unpublished Photographs* (2012) available online at *Brain: A Journal of Neurology* is very offensive to many scientists who think his son Hans Albert Einstein should have asked the permission of his family to allow Thomas Harvey to be the examining pathologist at Princeton Hospital. Such a handsome brain should never have been opened with such a lack of elegance.

Albert Einstein once said that 'the important thing is not to stop questioning'. Thus it is perhaps time for me to write the second volume in my monograph series that began with the book *The Question of Non-Being? A Pragmatic Methodology of Casino Contingency* (2013). The unique selling point of this book was perhaps **Part 2: Deleuzian Mathematics** starting with the chapter *The Pragmatic Methodology of Modal Logic* and concluding with the *Casino Contingency* chapter. Now that one met Baroness D' Souza in person yesterday, who herself welcomed Bill Gates (the founder of Microsoft Corporation) to speak alongside her at the House of Lords earlier this week; my elementary exposition in this part of my first book needs a fuller account.

President Barack Obama has legalised cannabis for medical purposes in thirty five (out of fifty) states in North America. In the states of Colorado and Washington cannabis is now legal for recreational use. Due to these changes in the law in North America it seems harsh that Prince Charles (a graduate of Trinity College, Cambridge) sent his son Prince Harry to visit a drugs rehabilitation clinic in South London for smoking cannabis with his friends at pubs and private parties. 'The young royal's fondness for cannabis earned him the nickname Hash Harry at Eton' (Dorman: 2013). In more recent years, Prince Harry has often attended events organised by Virgin Media founder Richard Branson, who, as a member of the Global Commission on Drug Policy declared 'my personal opinion is that marijuana should be legalised worldwide, regulated and taxed.'

<sup>1</sup> These very important business leaders in London's economic culture are absent from my first

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1 See Richard Branson: *Yes, I Would Invest in the Pot Industry* (04/09/2014) Huffington Post.

book, thus one needs to produce a new monograph including and supporting these very healthy role models.

Another major *sociopolitical* character also based in London who one respects and approves of is John Fredriksen, a Norwegian shipping magnate. Unfortunately Fredriksen was locked up in a jail for almost four months in 1986 for stealing crude oil in Oslo, but managed to settle the case out of court, before successfully gambling on offshore deepwater drilling to unlock oil and gas. In conclusion, quantum physics and business share a professional bond. Physics graduates Jeff Evenson and Jeff Trester, use mathematics and physics in their business consulting and venture capitalism. Their panel session in January 2014 was titled *Physics in Business: A Tale of Two Graduates and How They Made It Big in the Real World*. Ralph Waldo Emerson once said 'do not go where the path may lead, go instead where there is no path and leave a trail', thus a career teaching logic and physics need not be the ultimate verificationism of studying a degree in physics. A path in to business may clearly be an equally powerful network to explore. *The Examined Life* (2008) documentary DVD features Slavoj Žižek remarking that 'love is seeing perfection in the imperfection', thus an idealisation of physics (as a form of control) through remote biochemical manipulation is not love. True love is accepting a person with all their failures, stupidities, ugly points and nevertheless still loving them absolutely - without using neuroinformatics as a form of control to contain perfectly healthy people that one is supposed to care for. The North-African proverb 'arrogance diminishes wisdom' is the problem we see in this mismanagement of medical physics, the arrogance of too much regimented control. The result and closure of this is to liberate marriage or partnership, encourage feminist parenting and a feminist sexual politic for an ethics of mutual freedom. Bell Hooks *Feminism is for Everybody: Passionate Politics* (Pluto Press: 2000), is an excellent book written by Gloria Watkins which supports the feminist prelude of *The Question of Non-Being? A Pragmatic Methodology of Casino Contingency* (2013). The concluding chapters of my first book mostly concern cinematic culture and contemporary art. Al Pacino's famous line in

the *Godfather Part III* (1990) film 'never hate your enemies, it clouds your judgement' is perhaps not as important as the line in the film 'never let anyone know what you are thinking'. Listening to the data of neuronal and synaptic hacking waves to extract private thoughts is unwise, as you lose the barrier of white lies uttered in the interest of politeness. Also if you are listening to the data from someone who is much more intelligent than you are, you are only going to upset yourself at how much of a catastrophe the process of listening was! Bio-hypermedia has changed our technical landscape, thus coders, programmers and hackers perhaps should facilitate true love and focus on helping what MTV Geordie Shore's Vicky Pattison said to us at the Cambridge Union Society on October 24<sup>th</sup> 2014: 'I don't want to see them awkwardly flirting, I wanna see 'em fucking!' If this pragmatic functionalism is not possible then we have to stop with this final point from the *Tractatus Logico-Philosophicus*: 'Whereof one cannot speak, thereof one must remain silent' (Wittgenstein: 2011). Noam Chomsky, Russell Brand and Slavoj Žižek joined anti-capitalist protestors outside Parliament last week, however one wonders if the majority of these *hacktivist* protestors know how far advanced the disease of biogenomic control has developed towards erasing the autonomous freedom of the human species.

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