

From: Jeffrey Epstein <jeevacation@gmail.com>

To: Al seckel <[REDACTED]>

Subject: Re: Your input needed.

Date: Mon, 01 Nov 2010 12:02:57 +0000

add new financial systems, important.. add pre life as replication of signals. . how is our conference coming?

On Sun, Oct 31, 2010 at 9:43 PM, Al seckel <[REDACTED]> wrote:

Jeffrey,

You sent me the other day a stream of consciousness about your funding interests for 2011. I have taken my own stab at trying to put it into some sort of order and accessibility to the catered audience. I have corrected some things, which were unclear, spelled incorrectly (Lie Groups and Algebras, no Li) or not phrased correctly. I have added some of my own edits. This is NOT complete, and I have left out some of your material, specifically issues outside of the hard sciences. For reference this is what you sent me:

"TOPICS for Funding in the year 1011..

1. biology versus mathematics, yin/yang. A. Truth vs deception.. the most efficient mathematical algorithm , is biologically the most vulnerable. Easy to become prey. Therefore deception needed for protection., viruses, technology now available encryption , de-encryption , code theory wavelet analysis elliptical transformations, real random generators. Topics include Self deception, alice – bob, type communication protocols, , well established , codebreaking, evolution of signal and signal processing, butterfly camouflage, mimicry, misinformation. , computer programs are all readable.can't deceive. No life.
2. cognitive neuro- science , pattern recognition, feedback, loops, optical illusions , emotion, definition , mirror neurons. , fmri,pet, tms. Music as language, enzymes cutting away useless connections.
3. quantum computing, deception, entanglement, photosynthesis, now proven to work by wave effects. More than photons.
- 4 . psychology, moral game, sex, display social prosthetic, feminism, anxiety, psycho pharmacology.
5. evolutionary strategy, game, niche specific to input. Niche filling , observer interaction in prisoner dilemma and ultimatum game,
6. Power, financial , intellectual physical, political, trust, reputation, different cultures, values, awe, transaction, history, friction of transactions and initial value of culture, and genetics.
7. Human intelligence., (limited resource,) algorithm for smell. Limited resource, transaction based gender differences, racial . origins.
8. genetics. Code bio fabrication, stem cells. bounded , junk,
9. energy, physics, astro biology, elements of life, replication advantage, energy level competition

10. mathematics, algebraic topology, category theory, li groups code theory, derivation of the power laws pareto and zipfs (autonomous agents only?)
11. finance and money, currency, history , antiquated .
- 12, alternative medicine, , placebo , chi belief, acupuncture, shamanism
- 13, cancer, signal processing, membrane computing,
- 14 philosophy – senecas shortness of life
computing and artificial intelligence., education vs skill building.
- 15 search for new explorers, frontiersman, in the sciences. Genius program in conjunction with other foundations
- 16 Edge master classes.

nsa codebreaking prop trading, foundation chronicles. Pardon, legal, philanthropic advisors, [- harper"

The plan is to put this, on the jeffreypstein.org site, as various categories, and the one line descriptions. Then, there will be a submission form, limited to 250 words, they also have to attach a small CV, affiliation, email, etc. A note will state that "due to the number of submissions, we will not necessarily answer submissions." This will go over well with the academic community, and you will get to see a lot of what is out there in consequence. We will have the submissions sent to specific emails on topic, and you can choose to go through them at your leisure.

In any case, please tell me if I am way off base in what you want to support. Again, this is not at all complete, and feel free to change wording, add things, remove things, etc.

I know this is YOUR interests, but I would be happy to suggest some good areas to augment these topics.... your call.

Cognitive Neuroscience:

Specific attention will be given to robust original research proposals in the following areas:

1. Mirror Neurons
2. Pattern Recognition
3. Musical Imagery
4. Music as Language
5. Neural Feedback Loops
6. Neural Correlates of Visual or other Sensory Illusions
7. Functional Magnetic Resonance Imaging
8. Positron Emission Tomography
9. Transcranial Magnetic Stimulation

Quantum Computing

Specific attention will be given to robust original research proposals in the following areas:

1. Quantum Information Theory
2. Massive Entanglement and Decoherence
3. Stability-Decoherence Problem
4. Quantum Parallelism
5. Quantum Computing Photosynthesis

Computers

Specific attention will be given to robust original research proposals in the following areas:

1. Membrane Computing as it applies to New Computational Models based on Cellular Membranes or other Biological Systems.
2. Evolution of Signal and Signal Processing
3. Wavelet and Coding Theory as it Relates to Data and Computation

Astrobiology

Specific attention will be given to robust original research proposals in the following areas*:

1. New Forms of Synthetic Life
2. Origin of Life
3. Evidence of pre-biotic life
4. Non-carbon based forms of Life
5. Extremophiles

Please note that submissions about extraterrestrial UFOs, aliens, encounters, alien pregnancies, crop circles, and other such nonsense, will not be entertained.

Artificial Intelligence

I am working on this one....

Molecular Biology

Specific attention will be given to robust original research proposals in the following areas:

1. Junk DNA
2. Biotechnology
3. Gene fabrication
4. Membrane Computing as it applies to New Computational Models based on Cellular Membranes or other Biological Systems.

Theoretical Mathematics

Specific attention will be given to robust original research proposals in the following areas:

1. Algebraic topology
2. Category Theory, especially as it relates to computer programming language semantics
3. Lie Groups and Lie Algebra in Coding Theory
4. The Derivation or Origin of the behavior of Pareto, Zipf, and other Power Laws, and Why Power Laws appear to apply broadly in the Hard and Social Sciences.
5. Prisoner's Dilemma and Iterated Prisoner's Dilemma, and its Relation to Real-Life Examples.
6. Ultimatum Game and its Relation to Social Behavior

Encryption and De-Encryption Transformation

Specific attention will be given to robust original research proposals in the following areas:

1. Improved Random Number Generators
2. Application of Elliptical Curve Cryptography
3. Public-Key Cryptography
4. Code Breaking
5. Viruses

Medical

Specific attention will be given to robust original research proposals in the following areas:

1. Stem Cell Research
2. New Approaches in Cancer Research
3. Placebo Effect
4. Psychopharmacology

Scientific Pioneers and Geniuses

These individuals must display an exceptional creativity and inventiveness in his or her way of work, offering a decidedly new and scientifically verifiable way of thinking, imagining, or doing. Criteria may be imagining and building something entirely new; Advancing a well-defined field in an unexpected way; or combining previously separate endeavors with surprising and original verifiable results.

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