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Subject: ideas

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Importance: normal

Sorry this comes so late today.

I bcc'd you on my reply to iGEM ... let me know if you wish to engage further and if yes in what capacity so I can respond accordingly.

As far as ideas that I think are fun and curious:

What is the difference between yoga and exercise and should earthlings do more yoga and less exercise to live longer healthier lives?

Anti aging and youth endocrinology seems interesting. Stem cell facials and bio-identical hormones have a real following and seem to work. What is the spectrum of anti aging endocrinology?

We spend lots of money trying to communicate with other planets. Its unclear if there is anyone else out there and if they even care. On the other hand, whales dolphins lemurs and other animals are trying really hard to communicate with us. What are they saying? Do they have collective memory or are humans the only ones? Migrating birds seem to know something?

Where are we at with "modern" imaging? I think we should press the boundaries of magnetics and spectroscopy and see what we can do. For example a heated or cooled body might respond differently to magnetic fields or submerging a region of interest in water or superdense fluid during imaging may bring out very faint signals not otherwise seen.

When a hospitalized patient gets a fever we have to test blood serum sputum and urine to find the pathogen. And then wait for gram stain and culture. What if we could localize tiny changes in temperature (heat) put off my colonies of microbes. Or a change in airway pH (end tidal CO2)?

How do parasites get into the brain?

Why are all the worlds honeybees dying?

Why does the super collider keep breaking?

Why aren't magnetic monopoles top of everyones priority for study? They could break through the electrical to mechanical energy problem.

When energy is lost as heat into the environment where does it go? Dark matter? Seriously. If you believe in thermodynamics...

How come we can find the resonant frequency of earthquakes? Earth quake science is really neat.

Would super high frequency sound waves (non toxic to humans) be feasible to use over loud speaker to deter mosquitos and other pests. Sound has a greater reach than dim light or other electrochemical signals.

Electric fish are super neat.

So that's some of the stuff I thought about today that was fun...

Conferences that would bring together neat people and ideas?

1 Aging, health and physiology (mind brain body and time...)

2 Earthquake science

3 Imaging physics

4 Language and collective memory in friendly animals (who cares what snakes think)

5 Magnetic monopoles

Those are just today's ideas. It's been a real challenge to think about "fun"...so many boundaries are usually put on my thinking!

Hope you are ok...