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Subject: : Paflyfish General Forum

Topic: : Interesting Study

Re: Interesting Study

Author: : PatrickC

Date: : 2013/6/26 9:05:53

URL:

Quote:

pcray1231 wrote:

And lack of conclusive answers is what biology is all about, lol. (As a "hard sciences" guy, I have to zing the bio guys). Too many dependent variables. Leaves you with the choice of not sufficiently isolating them, or narrowing the study so much that it only tells you .00001% of the story. I prefer the latter, which this study fits, but it results in needing a whole lot of studies just like before a clearer picture emerges.

My bride struggles with this as well. What I have always found interesting about biology is that it is the combination of all of those hard sciences. And yet, when you put them all together, variation becomes terrible unpredictable. I have always said that all of biology does fit into predictable algorithms, but we just have not had enough time to observe all of the scenarios it would take to write them. And, because of biology's inherent nature of adaptation, we probably will never be able to make all of the necessary observations to apply algorithms to all of life. The good news, as the philosophy of science teaches us, we do continually take steps towards truth, we're just never going to attain it fully.

Some of us need very predictable models to get through our days and some of us can roll with it. That's the difference between an engineer/chemist/physicist/mathematician and someone who works in the arena of life sciences. The best news, it takes all of us to make it work!