Quantizing Relativity by Discarding Einstein Is a Bad Funding Argument

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https://youtu.be/8REbzOOQ7Mw&lc=UgyMeEc8rO5dwBaIAD54AaABAg

A Comment on the Dr Brian Keating YouTube post:
Can String Theory Be PROVEN? (Jun 13, 2023)
https://youtu.be/8REbzOOQ7Mw

4:48 BG: *"The value of string theory … is that it gives us a quantum theory of gravity."* No, it does not. All it does is repeat Pauli and Fierz's 1939 dismissal of Einstein's General Relativity by declaring space flat and then arbitrarily inserting their failed idea of quantum-by-definition spin-2 "gravitons" to *mimic* gravity. Their theory did nothing to explain why gravity reappears if you curve their flat-by-fiat space.

Brian Greene, it's great that you want to merge quantum theory and General Relativity. To further that goal, you might want to boast less about how superstring maths are *really good* at producing non-existent particles that have nothing to do with Einstein's gravity. If you can get past that, you can focus your full attention on the actual problem of how to make *curved space* fully compatible with quantum theory.

Roger Penrose, thank you for pointing out that superstring theory isn't physics. That is why, in sharp contrast to the US National Science Foundation, the US Department of Defense has never spent one dime on superstrings.

The issue is not one of excessive risk or being miserly. The US DoD funds all sorts of well-argued "wild" physics proposals with testable objectives, and routinely grants physicists millions of dollars in unfettered basic research money via its Vannevar Bush program (no relation to W).

The difference is that while the US DoD is fine with funding well-argued "wild" speculations, they must be actual physics proposals with testable outcomes. Superstrings are neither physics nor testable.

Professor Greene, instead of fretting so much about amped-up, stripped-out, overly generalized imitations of color-force quark orbitals — imitations that inexplicably drop the quarks and, somewhat hilariously, spit out non-existent flat-space Pauli-Fierz "gravitons" — why not start working on the far deeper conundrum of how to make Einstein's curved spacetime compatible with quantum theory?

If you seriously proposed something like that, even the US DoD might fund you.