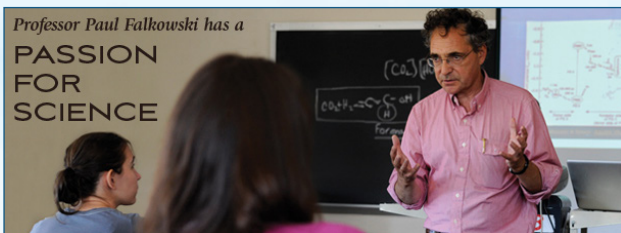




Reconstructing the wiring diagram of Earth's biogeochemical cycles

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Paul Falkowski's diverse scientific interests include biogeochemical cycles, photosynthesis, biological oceanography, molecular biology, biochemistry and biophysics, physiological adaptation, evolution, symbiosis, climate, and mathematical modeling to name a few disciplines. His research is inherently trans-disciplinary and cuts across multiple time and space scales. Many of his influential publications are already "citation classics" and have served as benchmarks in oceanography and Earth system science. He is also a coauthor, with Professor John Raven, of the comprehensive textbook Aquatic Photosynthesis.

SOME BACKGROUND READING

Falkowski et al. 2008, The microbial engines that drive Earth's biogeochemical cycles, *Science* 320: 1034

Kim et al. 2013, Discovering the electronic circuit diagram of life: structural relationships among transition metal binding sites in oxidoreductases, *Philosophical Transactions of the Royal Society of London, Biological Sciences* (June 10)

