Statistical physics of biological systems: From molecules to minds

William Bialek
Princeton University
http://www.princeton.edu/~wbialek/wbialek.html

I am expecting that, at one end, I'm hoping to describe genuinely new ideas about collective molecular behavior in the control of gene expression. At the other end we are launching a serious effort to settle old questions about scale invariance and long-ranged correlations in language, and the relation of these correlations to meaning. Evidently partial successes in these ventures would already be progress.