



Elhanan Borenstein

Department of Genome Sciences, University of Washington
Department of Computer Science and Engineering,
University of Washington
Seattle, WA, USA
The Santa Fe Institute, New Mexico, USA
<http://elbo.gs.washington.edu/>



Elhanan Borenstein is an associate professor of Genome Sciences at the University of Washington, with an adjunct position in the Department of Computer Science and engineering. He is also an external professor at the Santa Fe Institute for complexity science. Dr. Borenstein received his PhD in computer science from Tel-Aviv University, Israel, and held a joint postdoctoral fellowship at the Department of Biology in Stanford and at the Santa Fe Institute. He also has extensive professional experience in the hi-tech industry, where he held top management positions in several hi-tech companies.

Dr. Borenstein uses computational and mathematical models, complex network analysis, and a systems biology approach to address a diverse set of central questions in evolutionary and systems biology. He studies the metabolic networks of microbes and microbiomes to identify the environmental and genetic factors that determine their organization, function, and evolution. Applying these methods to study the human microbiome, he aims to develop a better systems-level predictive understanding of the microbiome and its role in human health.

Dr. Borenstein is the recipient of various awards including, most recently, the Alfred P. Sloan Fellowship and the 2012 NIH New Innovator Award.