

Dr. Suzanne Barbour

Dr. Suzanne Barbour served as a program director in the NSF's Division of Molecular and Cellular Biosciences leading the division's cluster focused on cellular dynamics and function. She left NSF in July to become the Dean of the Graduate School at UGA (University of Georgia). As a professor in the VCU (Virginia Commonwealth University) School of Medicine's biochemistry and molecular biology department, Barbour directed the graduate program for a decade.

Barbour has served as the director of research training at the VCU Center on Health Disparities, on the coordinating committee for the NSF Research Traineeship Program and as a faculty coach for the NIH-funded Academy for Future Science Faculty. She has received a number of honors over the course of her career, including VCU's Women in Science, Dentistry and Medicine Professional Achievement Award and its Presidential Award for Community Multicultural Enrichment. She received VCU's Distinguished Teaching Award in 2005 and has received an Outstanding Teacher Award nearly every year since 1999.

Dr. Todd K. Leen

Todd Leen, Professor of Biomedical Engineering School of Medicine, Oregon Health and Science University is a Program Director in the Information and Intelligent Systems (IIS) Division within the Computer Science and Engineering Directorate at the National Science Foundation (NSF). He oversees the machine learning program in IIS and has collaborated on diverse programs throughout NSF including Science, Engineering, and Education for Sustainability (SEES), Collaborative Research in Computational Neuroscience (CRCNS), Algorithms in the Field (AitF), Integrative Strategies for Understanding Neural and Cognitive Systems (NCS), and co-organized a visioning workshop on AI and data analytics for environmental science. He helped craft the NSF response to the BRAIN Initiative.

Leen's research in machine learning includes theory and algorithm synthesis, with applications regimes from health care to complex environmental systems. His specific algorithmic interests include stochastic approximation, fast surrogates for very large dynamical systems, dimensionality reduction, longitudinal analysis and prediction, and detection. He has collaborated with neuroscientists on modeling in adaptive sensory circuits and novel sensory stimulus techniques.

Leen holds a BS in Physics from WPI and a PhD in Physics from University of Wisconsin.