



Genevera Allen

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Keynote Speech (III) 2025/December/18 (Thursday) 09:00 – 10:00

Genevera Allen is a Professor of Statistics at Columbia University and a member of the Center for Theoretical Neuroscience, the Zuckerman Institute for Mind, Brain, and Behavior, and the Irving Institute for Cancer Dynamics. Before joining Columbia, Dr. Allen spent fourteen years at Rice University in the Departments of Electrical and Computer Engineering, Statistics, and Computer Science, where she founded and directed Rice’s data science education center, informally known as the Rice D2K Lab. Her research focuses on developing statistical machine learning tools to help people make reliable discoveries from data, with contributions in unsupervised learning, interpretable machine learning, data integration, graphical models, and high-dimensional statistics, often motivated by neuroscience and bioinformatics. She has received several honors, including the National Science Foundation Career Award, Rice University’s Duncan Achievement Award for Outstanding Faculty, and recognition in “*Forbes* ’30 under 30: Science and Healthcare” (2014). Dr. Allen is also an elected fellow of the American Statistical Association, the Institute of Mathematical Statistics, and the International Statistics Institute. She serves as an Action Editor for high-impact journals such as *JMLR* and *JASA*. Dr. Allen earned her Ph.D. in Statistics from Stanford University under Prof. Robert Tibshirani and her bachelor’s degree, also in Statistics, from Rice University.