

ESI Workshop Bioparagraphs

(In order as they appear on the agenda)

Klaas Sijtsma

Klaas is emeritus professor of methods and techniques of psychological research at Tilburg University. He specializes in psychometrics and is widely published on a variety of topics in more than 200 articles and book chapters. Sijtsma co-authored three books on psychometrics and one on questionable research practices. He has held several executive positions, including: President of the Psychometric Society; dean of the Tilburg School of Social and Behavioral Sciences; and Rector Magnificus of Tilburg University.

John Ioannidis

John is professor of medicine at the Stanford Prevention Research Center, professor of epidemiology and population health, and professor (by courtesy) in the Department of Biomedical Data Science. His work aims to improve research methods and practices and to enhance approaches to integrating information and generating reliable evidence.

Ivan Oransky

Ivan is co-founder of Retraction Watch, editor-in-chief of The Transmitter, and distinguished journalist in residence at New York University's Arthur Carter Journalism Institute. Oransky previously served as president of the Association of Health Care Journalists and held editorial leadership roles at Medscape, Reuters Health, and others.

Elisabeth Bik

Elisabeth is a renowned microbiologist and science integrity advocate known for detecting image duplication in scientific publications. Through meticulous analysis, she has exposed thousands of cases of misconduct, fostering transparency and accountability. Bik is the founder of *Microbiome Digest*, a blog with daily updates on microbiome research, and the *Science Integrity Digest* blog.

Leif Nelson

Lief is professor of marketing at the Haas School of Business at the University of California, Berkeley. His research focuses on decision-making, judgment, and consumer

psychology, often examining how people interpret and misuse data. Nelson is co-founder of the *Data Colada* blog, which analyzes behavioral science research and has played a prominent role in identifying data irregularities and promoting research transparency.

Stavroula Kousta

Stavroula is chief editor of *Nature Human Behaviour*. Prior to joining the Nature portfolio, she served as editor of *Trends in Cognitive Sciences*, one of the leading reviews outlets in the behavioral sciences. Throughout her editorial career, she has been a strong advocate for rigorous research practices, the responsible communication of science, and inter-disciplinary research that directly addresses pressing social challenges.

Lars Vilhuber

Lars is a labor economist and data expert at Cornell University, where he also serves as executive director of the Labor Dynamics Institute. His work focuses on data access, reproducibility, and the infrastructure needed for credible empirical research, particularly in economics. Vilhuber has been a leading voice in advancing research transparency and open science practices, including efforts to improve data citation and replication standards.

Renee Hoch

Renee is head of publication ethics at PLOS. She is also a member of the Committee on Publication Ethics (COPE) Council. Hoch works on advancing research integrity and open science practices. She also serves as the strategic lead for publication ethics for the PLOS portfolio and owns oversight and development of PLOS ethics and integrity policies.

Magdalena Skipper

Magdalena is editor-in-chief of *Spring Nature*. A geneticist by training, she has considerable editorial and publishing experience, having served as chief editor of *Nature Reviews Genetics*, senior editor for genetics and genomics at *Nature*, and executive editor for the *Nature Partner Journals*. Skipper is passionate about mentorship, research integrity, as well as open and equitable research practice.

Andrew Gelman

Andrew is the Higgins professor of statistics, professor of political science, and director of the Applied Statistics Center, all at Columbia University. His research spans Bayesian statistics, causal inference, and applications in the social sciences, public health, and policy. Gelman is well known for his influential blog on statistics and scientific practice, where he comments on research methods, reproducibility, and data analysis. Gelman has authored several widely used books that have shaped modern applied statistics.

Katie Corker

Katie is executive director of ASAPbio, a nonprofit working to realize a life science communication ecosystem that is open, transparent, rigorous, and timely. Corker is currently the chair of the TOP (Transparency and Openness Promotion) Guidelines advisory board and previously served as chair of the American Psychological Association's Open Science and Methodology Expert Panel.

Arthur Lupia

Arthur is vice president for research and innovation and Gerald R. Ford distinguished university professor at the University of Michigan. His research clarifies how people make decisions and form or break coalitions in complex, political environments. Lupia's previously served as assistant director of the National Science Foundation, leading its Social, Behavioral, and Economic Sciences Directorate. He also co-chaired the government-wide Subcommittee on Open Science for the White House's Office of Science and Technology Policy.

Jay Bhattacharya

Jay is director of the National Institutes of Health, where he oversees the nation's primary biomedical research agency and plays a central role in shaping U.S. health research policy. He is a physician, researcher, and health economist who previously held a tenured professorship in the medical school at Stanford University. Bhattacharya's research focuses on population aging and chronic disease, particularly on the health and well-being of vulnerable populations.

Emily Oster

Emily is the JJE Goldman Sachs university professor of economics at Brown University. She is founder and CEO of ParentData, a data-driven guide to pregnancy, parenting, and beyond. ParentData's weekly newsletter now has hundreds of thousands of subscribers, along with a strong social media community. Oster is a *New York Times* best-selling author, whose books include *Expecting Better*; *Cribsheet*; *The Family Firm*; and *The Unexpected*.

Michael Dougherty

Michael is department chair in the Department of Psychology at the University of Maryland at College Park. His research focuses on the nexus of decision-making, attention, and memory. Dougherty has been at the fore of efforts to shift incentive structures, such as revising promotion guidelines, encouraging transparency, and advocating for open science practices.

Andrew Bacher-Hicks

Andrew is vice president of evidence and evaluation at Arnold Ventures. He oversees Arnold Ventures' philanthropic support for rigorous evaluation studies and efforts to expand government investments to proven programs that benefit American families, communities, and businesses. Bacher-Hicks previously served as a professor at Boston University's Wheelock College of Education & Human Development, where he studied the causes and consequences of inequality.

Michelle Meyer

Michelle is the chief bioethics officer at Geisinger, and associate professor and chair of the Department of Bioethics and Decision Sciences. She uses survey experiments and qualitative methods to investigate judgments and decision-making related to science, innovation, and health. Meyer also serves as faculty co-director of Geisinger's Behavioral Insights Team (BIT), which designs, implements, and uses large field experiments to rigorously evaluate provider-and patient-facing "nudges" that aim to make healthy choices easier.