

## A University Symposium: Promoting Credibility, Reproducibility and Integrity in Research

- 8:00 am** Registration: *Breakfast provided*
- 8:45 am** Welcome Address
- 9:00 am** **Session 1: Why Do We Cheat and What Can We Do About It?** Presented by **Dr. Dan Ariely** (James B. Duke Professor of Psychology and Behavioral Economics at Duke University) on his recent research on why people cheat in general, why people are dishonest in research contexts, how our own biases affect the perception of result results, and what can be done to prevent cheating and bias. Moderated by **Dr. Thomas Jessell** (Claire Tow Professor of Motor Neuron Disorders in the Department of Neuroscience and the Department of Biochemistry and Molecular Biophysics at Columbia University).
- 10:30 am** Morning Break: *Refreshments provided*
- 10:45 am** **Session 2: Anatomy of a (Hypothetical) Case of Misconduct:** A panel discussion that will explore the “inside story” of a hypothetical case of scientific misconduct from the various perspectives of key stakeholders in the process, including the principal investigator, a junior researcher, a journal editor, a funder, and the institutional official. Discussants will include:
- **Marcia McNutt, PhD, Moderator**, President of the National Academy of Sciences, and former editor-in-chief of *Science Journals*
  - **Kathryn Partin, PhD**, Director of US Office of Research Integrity
  - **Gretchen Brodnicki, JD**, Dean for Faculty and Research Integrity, Harvard University
  - **Nicholas Lemann**, Journalist, and Dean *Emeritus*, Columbia University Graduate School of Journalism
  - **Muredach P. Reilly, MB, MS**, Director, Irving Institute for Clinical and Translational Research, Columbia University
  - **Blair Jenkins**, MD/PhD student at Columbia University
- 12:15 pm** **Lunch Session: Perspectives on Peer Review: Gold Standard or the Old Standard?** *Lunch provided*  
A presentation by **Dr. Arturo Casadevall** followed by responses from **Drs. Marcia McNutt** and **Jeffrey Drazen**. Moderated by **Dr. Ushma Neill**
- 1:45 pm** **Session 3: Repeat After Me: Current Issues in Reproducibility.** Experts from various disciplines will present examples of irreproducibility and discuss ways of identifying, managing and avoiding such problems. Among those presenting will be:
- **Jeffrey Drazen, MD, Moderator**, editor-in-chief, *New England Journal of Medicine*
  - **Hany Farid, PhD**, Professor of Computer Science and Chair of Computer Science, Dartmouth
  - **Leonard Freedman, PhD**, President, Global Biological Standards Institute
  - **Londa Schiebinger PhD**, John L. Hinds Professor of History of Science, Stanford University
  - **Victoria Stodden, PhD**, Associate Professor, School of Information Sciences, University of Illinois at Urbana-Champaign
- 3:15 pm** Afternoon Break: *Refreshments provided*
- 3:30 pm** **Session 4: Where Should We Go From Here: What Should be Done to Promote the Credibility of Science?**  
A roundtable discussion, including thought leaders from research institutions, journals, funding agencies and others, will explore solutions for enhancing research integrity, avoiding research misconduct, and increasing reproducibility. The roundtable will include:
- **Kathleen Hall Jamieson, PhD, Moderator**, Elizabeth Ware Packard Professor of Communication and Director of the Annenberg Public Policy Center at the University of Pennsylvania
  - **Arturo Casadevall, MD, PhD**, Bloomberg Distinguished Professor of Molecular Microbiology & Immunology and Infectious Diseases at the Johns Hopkins Bloomberg School of Public Health and Johns Hopkins School of Medicine, and the Alfred and Jill Sommer Professor and Chair of the W. Harry Feinstone Department of Molecular Microbiology and Immunology at the Johns Hopkins Bloomberg School of Public Health
  - **Jeffrey Drazen, MD**, Editor-in-Chief, *New England Journal of Medicine*
  - **Leonard Freedman, PhD**, President, Global Biological Standards Institute
  - **Marcia McNutt, PhD**, President of the National Academy of Sciences, and former editor-in-chief of *Science Journals*
  - **Anne Taylor, MD**, John Lindenbaum Professor of Medicine and Vice Dean for Academic Affairs, Columbia University Medical Center
- 5:00-7:00 pm** Evening Cocktail Reception and Networking Sponsored by Columbia University Medical Center