

A University Symposium: Promoting Credibility, Reproducibility and Integrity

March 29, 2019 | Alfred Lerner Hall, Columbia University

8:00 AM	Registration Opens
8:45 AM	Welcoming Remarks
9:00 – 10:15 AM†	Recognizing Influences and Biases in Research Dr. Brian Nosek (U.Va. and Center for Open Science) will discuss susceptibility to implicit biases and how it may affect the conduct of science, with examples and counter-examples from a variety of disciplines. Introduction and moderated discussion led by Nicholas Lemann (Columbia University).
10:15 -10:30 AM	Break (light refreshments)
10:30 -12:00 PM	Robust Science: Problems and Solutions An interdisciplinary panel will explore the conduct of robust research from various perspectives and identify problems and solutions. Moderator: Dr. Maria Zuber (MIT and former Chair of National Science Board). Panelists: Dr. Brian Nosek, Dr. David Madigan (Columbia University), Dr. Geraldine Richmond (University of Oregon), and Dr. Shai Silberberg (NIH).
12:00 -12:45 PM	Lunch (provided)
12:45 - 2:30 PM	“Put the Ph. Back into the Ph.D.” and Other Novel Approaches to Scientific Training Dr. Arturo Casadevall (Johns Hopkins) will provide an overview of a new approach to graduate scientific education that focuses on critical thinking, creative problem solving, and rigorous research methodology. Following Dr. Casadevall’s presentation will be comments and discussion moderated by Dr. Pamela Smith (Columbia University) and including panelists Dr. Melissa Begg (Columbia University), Dr. Ericka Peterson (Columbia University), and Dr. Anne L. Taylor (Columbia University) in addition to Dr. Casadevall.
2:30 - 2:45 PM	Break (light refreshments)
2:45 - 4:15 PM	Journal Editor Perspectives on Rigor and Transparency Dr. Marcia McNutt (President of National Academy of Sciences and former editor of <i>Science</i>) will moderate a conversation among journal editors on their perspectives on the role of scientific journals in promoting rigor and transparency. Panelists include Dr. Howard Bauchner (Editor, <i>JAMA</i>), Dr. Veronique Kiermer (Executive Editor, <i>PLOS</i>), and Dr. Meredith LeMasurier (Editorial Director, <i>Nature</i>).
4:15 - 5:00 PM	Wrap-up: Observations and Lessons Learned Dr. Sandra Soo-Jin Lee (Columbia University) will lead a roundtable conversation that reflects upon the day’s discussions. Panelists: Dr. Marcia McNutt, Dr. Maria Zuber, and Dr. Pamela Smith
5:00 - 7:00 PM	Evening Cocktail Reception and Networking in Low Library Rotunda

† Keynote Presentation



<https://research.columbia.edu/pcri-symposium>