A University Symposium: Promoting Credibility, Reproducibility and Integrity
March 28, 2025 | Columbia University, Lerner Hall

Program

8:45 AM

Welcoming Remarks

Jeannette M. Wing, Executive Vice President for Research, Columbia University

9:00 – 10:30 AM†

Fireside Chat: The Revolutionary Role of Generative AI in Science

This session will highlight how AI is transforming research practices and policies, driving innovation, and expanding the boundaries of what is scientifically possible, but also presenting new risks, challenges and ethical quandaries in relation to the integrity of science.

Panelists: Marcia McNutt & Eric Horvitz

10:45 – 12:00 PM

Anatomy of a (Hypothetical) Case of Research Misconduct

This panel discussion will explore the "inside story" of a hypothetical case of scientific research misconduct and various perspectives from key stakeholders, including insights from the Director of the HHS Office of Research Integrity, Sheila Garrity.

Moderator: Sheila Garrity
Panelists: Ai Yamamoto, Reginald Miller, Maria Blumenkrantz

12:00 – 1:00 PM

Lunch

1:00 – 2:30 PM

Retractions, Corrections, Paper Mills, Oh My: Journal Editors Talk about Strategies to Protect Research Integrity and What They Do When Something Goes Wrong

In this session, journal editors will discuss how they are responding to a variety of research integrity issues, from PubPeer to paper mills, and what authors can do to avoid publication problems.

Moderator: Arturo Casadevall
Panelists: Kaia Motter, Sri Devi Narasimhan, & Lawrence Lustig

2:30 - 4:00 PM

Decoding the Hype: Practical Impacts of Generative AI in Research

This session will bring together researchers from various disciplines to discuss the latest innovations in Generative AI and their impact on their respective fields.

Moderator: Deborah Estrin
Panelists: Siwei Lyu, James Zou, Amy McGovern, Suresh Venkatasubramanian

4:00 PM

Reception

† Keynote Presentation