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Welcome!

Workshop on Enhancing Scientific Integrity

Progress and Opportunities in the Social
and Behavioral Sciences

April 23-24, 2026





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Daniel J. Weiss, PhD, Board Director
Board on Behavioral, Cognitive, & Sensory Sciences



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policy advice

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- No direct federal appropriations
- About 250 reports per year
- Volunteers serve on committees and boards

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Board on Behavioral, Cognitive, and Sensory Sciences

- Established in 1997
- Provides vision on how to advance public policy and practice by leveraging cutting-edge research in behavioral, cognitive, and sensory sciences
- Dozens of reports on topics across a wide swath of science including replicability in science, aging, suicide prevention, how people learn, behavioral economics, intelligence, myopia and many others.

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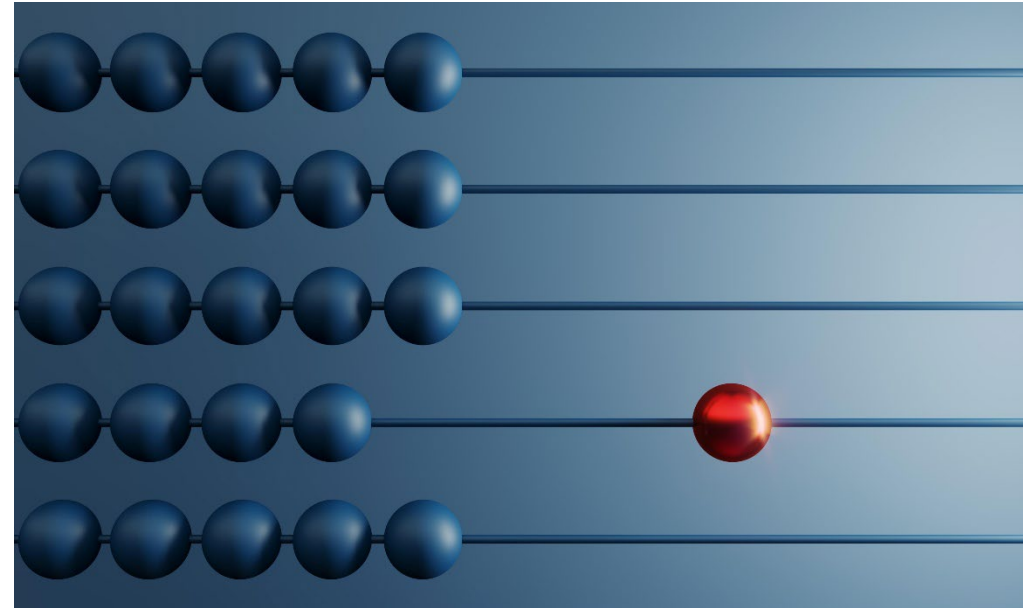
Simine Vazire, University of Melbourne

Thanks to our presenters



Why social and behavioral sciences?

1. Have been at the fore of integrity efforts
 - Preregistration
 - Registered Reports
 - Open Data
 - Replication movement
 - Etc.
2. Different fields – different data
3. Fields are often siloed
4. Governance needs to be principled
5. Sometimes conceptually more approachable



Setting the stage for Discussion

- The statements and presentations during our meetings or events are solely those of the individual participants and do not necessarily represent the views of other participants or the National Academies. Comments made by individuals, including members of the committee, should not be interpreted as positions of the committee or of the Academies.
- The focus of the workshop is *not* on individuals or specific cases, but general principles, guidelines and practices

Statement of Task

- How can the social and behavioral sciences continue to lead the way in advancing data integrity? What successful methods or frameworks from other disciplines might be adapted to strengthen these efforts?
- Could systematic, random audits of published data help detect and correct honest mistakes while discouraging malfeasance? What governance structures would ensure such efforts are fair, sustainable, and constructive? What new tools might facilitate this process?
- How can scientific journals refine their policies (e.g., review processes, data validation) to support transparency and integrity while maintaining accessibility for researchers across diverse contexts?
- What strategies can be employed to ensure potential solutions avoid placing undue burdens on researchers, especially those at institutions with limited resources?

Questions?

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