

Research Integrity: A Multi-Sector Imperative

The Role of the HHS Office of Research Integrity

NATIONAL
ACADEMIES

Sciences
Engineering
Medicine

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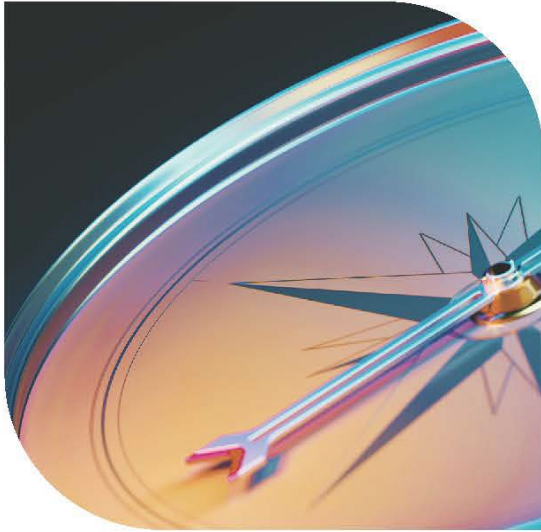
April 11, 2024



OASH

Office of the
Assistant Secretary
for Health

ORI THE OFFICE OF
RESEARCH
INTEGRITY

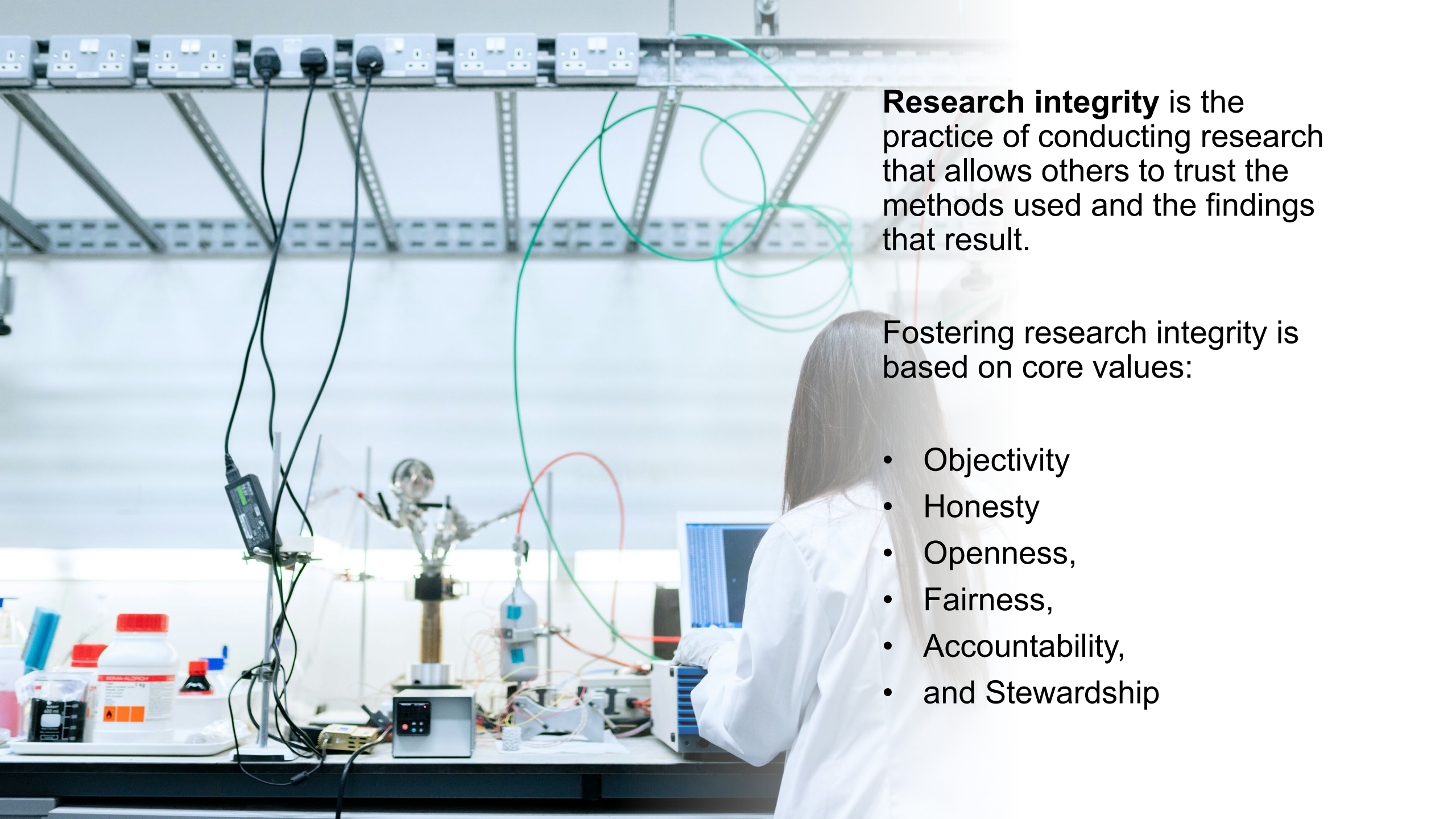


Fostering
Research
Integrity



Fact: Only a small percentage of PHS-funded research results in misconduct.





Research integrity is the practice of conducting research that allows others to trust the methods used and the findings that result.

Fostering research integrity is based on core values:

- Objectivity
- Honesty
- Openness,
- Fairness,
- Accountability,
- and Stewardship



ORI's Role

Ensuring a process is in place to
review research misconduct
allegations

The ORI Division of Investigative Oversight (DIO) Reviews Institutional Proceedings

1

Monitor, review and assess research misconduct allegations and investigations

2

Provide information on Public Health Service (PHS) research misconduct policies and procedures

3

Provide guidance and technical assistance

4

Develop and recommend PHS findings of research misconduct and administrative actions

Rapid Response for Technical Assistance (RRTA)

- Image enhancement and statistical analyses of data
- Forensic analyses
- Sequestration of records
- Addressing allegations and preliminary assessment
- Communicating with complainants, respondents, and witnesses
- Referral / notification to other federal agencies or institutions
- Review of institutional research misconduct proceedings
- Voluntary admissions
- Legal, whistleblower, and retaliation issues



Image Manipulation Detection Tools

- **Forensic droplets/actions:** ORI produced forensic tools to inspect scientific images in Photoshop.
- **ImageJ:** Quantitative scans of gel bands.
- **iThenticate:** Plagiarism detector.
- **AI Tools:** Numerous new tools are emerging to detect images manipulated by AI.





Most People
Want to Do
The Right
Thing.

ORI has
resources to
help.





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ORI Updates

Feb 15 **New Video on Data Management**
ORI released a new video on YouTube about data manage

Feb 07 **Tracey Randolph Remembered**
It is with great sadness that we inform you of the passing of Tr
February 1, 2024 after a brief illness.

Jan 31 **New Video Release**
ORI released the third animated video in a series on transpare
research.

RCR Objectives

Interactive Videos

The Lab

The Research Clinic

Integrity in Scientific Research Videos

Case Studies

RCR Casebook

Video Case Studies

Infographics

General Resources

Human Subject Research

Research Misconduct

Publication/Authorship

Animal Resources

Mentorship

Data Management

Collaborative Science

Conflicts of Interest and Commitment

Peer Review

Misconduct Cases

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ORI invests in numerous resources to promote research integrity, including:

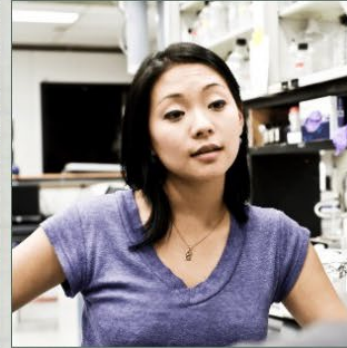
- > Grants Program
- > Co-sponsorships
- > Case Studies
- > Interactive Videos
- > Mentorship
- > Peer Review
- > Infographics

THE LAB

Avoiding Research Misconduct

[VIEW INTRO VIDEO](#)

[ACKNOWLEDGMENTS](#) [LEGAL](#)



[GO TO THE ETHICAL DECISION MAKING TUTORIALS](#)

THE RESEARCH CLINIC



REPLAY INTRO

ACKNOWLEDGEMENTS

CH CLINIC



Research integrity is
central to society's trust in
research.

It will require government,
universities, and industry
to work to together.



Thank You!

Contact ORI:
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