Research Integrity, Compliance & Care

New Faculty Orientation 2025

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Integrity, Compliance and Care Team



HRPP/IRB Sarah Abney



IACUC ChairJay Burgess



Conflict of Interest Voichita Dadarlat



IRB Assoc. Chair
Dan Foti



Centrally Managed Animal Facilities

Tony Gray



IRB Chair Jeff Haddad



Research Integrity Office

Jamie Mohler



Animal Care/AV
Patrick Sharp



IACUC Lisa Snider



Research Security
Kate Stoan

Research Misconduct

Research misconduct is conduct by a **Purdue Associate** taking place at Purdue or in connection with Purdue research that constitutes **Fabrication**, **Falsification or Plagiarism** with **Culpable Intent** in proposing, performing or reviewing research, or in reporting research results. Conduct by a person taking place before or after the period during which the person is a Purdue Associate does not constitute Research Misconduct under this Policy.

Detrimental Research Practices (DRPs) are **practices of questionable integrity** that do not rise to the level of research misconduct, including **misrepresentation or misleading**, **breach of duty care** and **mentoring malpractice**.



Reporting Research Misconduct/DRPs

- All allegations to the Research Integrity Officer:
 - By any Purdue Associate (students, staff, post-docs, visiting scholars, faculty)
 - All Purdue associates required to report
- Allegations reported via any means of communication
 - Purdue Research Integrity Officer
 - Ph. 765.496.6071
 - jlmohler@purdue.edu
 - researchintegrity@purdue.edu
 - Provost/EVPR
 - Via Purdue Hotline
 - https://www.purdue.edu/hotline/
 - 1-866-818-2620



Authorship at Purdue

- Authorship agreements
 - Only suitable way to balance power differential
 - Templates
 - Life Sciences (<u>Fillable PDF</u> format and <u>Word</u> format)
 - STEM (<u>Fillable PDF</u> format and <u>Word</u> format)
- Disputes != Misconduct (per se)
- Purdue Policy on <u>Authorship of Scholarly Works (S-24)</u>
 - Authorship Defined
 - Author Order & Affiliation
 - Unacceptable Practices
 - Resolution of Disputes



Federal Agencies – Requirements

- Responsible Conduct of Research Training (RCR/RECR)
 - Purdue requires CITI + 2 Hours of Discipline Specific for all researchers (see <u>Standard S-20</u>)
 - Available workshops via Graduate School
 - NIH (8 hours) GRAD 612 or departmental course
- Individualized Development Plans (IDPs) for students & postdocs
 - IDP Science Careers AAAS
 - IDP American Psychological Association
 - Purdue University College of Engineering
- Research Security (NSF/DOD)
 - Foreign travel, cybersecurity, export control training & research security training



Federal Agencies - Focal Points

- Generative Al
 - Caution, Transparency, Limits
- Research Security/Undue Foreign Influence
 - Particularly FCOI/MFTRP
- Supportive and Safe Mentoring
 - Safety in all forms physical, mental, etc.
 - Inclusion & underestimation
 - Setting expectations for behavior
 - Knowing how to report
- Data Management Plans



Faculty Mentoring Statements

- Thesis
- Publications
- Authorship
- Career paths
- Meetings
- Independence
- Travel Support
- Stipends/Salary
- Research Funding

- Coursework
- Grant Proposal Writing
- Original Literature
- Teaching
- Personal Life
- Time Management
- Dept/Univ Service
- Ethics
- Resolving Conflicts



Tactics for Mentoring

- Ask how they are doing.
- Provide encouragement and support.
- Clarify performance expectations upfront.
- Sponsor mentees for important opportunities.
- Provide insider information ("demystify the system").
- Constantly affirm (nurture & support their career goals).
- Provide professional exposure and promote visibility.
- Foster their mentoring networks.
- Self-disclose when appropriate (especially if it will help the mentee).
- Allow increasing mutuality and collegiality.



Faculty To-Dos

- Review <u>Researcher Training</u> cheat sheet
- Complete <u>CITI RCR training</u> and <u>2 hr discipline/field specific requirement</u>
- Create a faculty mentoring statement to help with student recruitment
- Additional training/information:
 - Institutional Review Board (IRB)/Human Research Protection Program (HRPP)
 - Institutional Animal Care and Use Committee (IACUC)/Lab Animal Program (LAP)
 - Biosafety/Environmental Health & Safety (EHS)
 - Research Security
 - Export Controls
 - Conflict of Interest
 - Classified Research



Important Contacts

For RIO (& anything!)

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For Research Security/Export Control

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For IACUC

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For Animal Resources/LAP

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For Financial Conflict of Interest

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