Ethics and Compliance

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• Has responsibility to ensure research is carried out safely, ethically, and in compliance with campus, state and federal policies and laws
What is the difference

- **Ethics** = behavior of scientists that is responsible to the public, to your peers, and to yourself
- **Compliance** = following laws, policies, or standard requirements

Your Likely Ethical Issues

- Plagiarism
- Data manipulation
- Data Ownership & Confidentiality
- Collaboration & Authorship
- Conflicts of Interest
- Whistleblowing
- Peer Review
Your Compliance Responsibilities

• You need to assess and manage risks
• Follow Protocols and SOPS
• Don’t do things that are dangerous, not approved, not thought out

Your Responsibilities

• Laboratory Safety
  – Laboratory Safety Plan
  – SOPs for hazardous materials, processes, and equipment
  – Training: yours & students working for you

• Animal Care & Use Protocol
  – Training: regulations & procedures
  – Occupational Health assessment
  – Know your Protocols
More Responsibilities

• Biological Safety
  – DNA, transgenics, pathogens, toxins
  – Training: general & lab/project specific
  – Follow Protocols

• Ethics training by your advisor
  – HHS, NSF, USDA funding your assistantship

• State ethics training, Title IX, Clery Act, Financial Conflict of Interest reporting

Some useful sites to visit

• Office of Research Integrity
  ori.hhs.gov

• National Center For Professional & Research Ethics (here on campus)
  nationalethicscenter.org

• VCR website
  www.research.illinois.edu
Questions?

Work Hard, Do Great Things!