### Types of Scientific Misconduct

- Misuse of Ideas
- Plagiarism
- Self-Plagiarism
- Improper Authorship
- Failure to Comply with Legislative/Regulatory Requirements
- Violating Research Practices
- Falsifying Data
- Failure to Support Validating Research
- Failure to Respond to Unsuccessful Validation Attempts
- Inappropriate Behavior in Connection to Suspected Misconduct

### Research Fraud: Consequences Oh My!!!!!

By: Laura Pattillo, Contracts and Grants Specialist

| Duke University: Duke agrees to pay $112.5 million to settle accusations that the False Claims Act was violated by submitting applications and progress reports that contained falsified and/or fabricated research, which was found by the National Institute of Health (NIH) and the Environmental Protection Agency. This falsification happened in 30 grants, which caused the two agencies to award grant money that they otherwise would not.
| Postdoc, University of Texas Health Science Center: The University of Texas Health Science Center and the ORI find that a former postdoc falsified, fabricating, and plagiarized data on research using PHS funds, NIH funds, and National Institute of Diabetes and Infectious Diseases (NIDDK) and NIH funds to falsify and/or fabricate bone histomorphometry data by creating data for bone samples that did not exist. The professor also published papers containing the fraudulent data.

### Consequences:

- Duke agrees to pay $112.5 million to the Federal Government.
- Postdoc voluntarily excludes himself from eligibility of contracting/subcontracting with any US government agency for 10 years.
- Postdoc voluntarily excludes himself from serving on committees.

### Ethical Principles

- Honesty
- Objectivity
- Integrity
- Carefulness
- Openness
- Transparency
- Accountability
- Intellectual Property
- Confidentiality
- Responsible Publication
- Responsible Mentoring
- Respect for Colleagues
- Social Responsibility
- Non-Discrimination
- Competence
- Legality

### References


### Associate Professor, University of Texas Southwestern Medical Center: The Medical Center and The Office of Research Integrity (ORI) find that an Associate Professor used National Institute of Diabetes and Digestive and Kidney (NIDDK) and NIH funds to falsify and/or fabricate bone histomorphometry data by creating data for bone samples that did not exist. The professor also published papers containing the fraudulent data.

### Scientific Misconduct:

- 1) Violating Research Practices
- 2) Falsifying Data
- 3) Failure to Comply with Legislative/Regulatory Requirements

### Ethical Principles Violated:

- 1) Honesty
- 2) Integrity
- 3) Responsible Publication

### Consequences:

- 1) Professor agrees to supervised research.
- 2) Any institution employing the Professor will provide certification that data is accurate and truthful.
- 3) Professor excludes herself from serving on PHS advisory committees, boards, and/or peer review committees.