Ethics & Compliance

Jan Novakofski
Associate Vice Chancellor for Research Compliance
Professor of Animal Sciences
Office of the Vice Chancellor for Research

• Institutional responsibilities to ensure research is carried out safely and in compliance with campus, state and federal policies and laws
The Ticker

Breaking news from all corners of academe.

TRENDING  For-Profit Colleges  Students  Legal  Leadership  The Profession

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U. of Oregon Graduate Student Admits to Falsifying Data for 4 Papers

A graduate student at the University of Oregon has admitted to faking the data behind four scientific papers, the blog Retraction Watch reports. David E. Anderson told the blog he had made an “error in judgment” in falsifying the data.

His former supervisor, the brain researcher Edward Awh, who now works at the University of Chicago, has requested that the papers be retracted.

“I take full responsibility for my actions, as they do not reflect the integrity of research conducted in the lab of Dr. Edward Awh or by the department of psychology at the University of Oregon,” Mr. Anderson told Retraction Watch.

According to the U.S. Office of Research Integrity, Mr. Anderson “knowingly falsified data by removing outlier values or replacing outliers with mean values to produce results that conform to predictions.”
What's the difference

- **Ethics** = the duties of scientists to the public, to each other, and to themselves in regard to the exercise of their profession

- **Compliance** = acting in accord with, standards, requirements or policies
Some Key Issues in Ethics

• Animal & Human Subjects
• Collaborations
• Authorship & Publication Ethics
• Data Ownership and Confidentiality
• Peer Review
• Plagiarism
• Conflicts of Interest
• Whistleblowing
Your Compliance Responsibilities

• Occupational Health and Safety
• Laboratory Safety
  – Training; yours & students working for you
  – Chemical hygiene plan, Lab specific SOPs
  – Building Safety Plan
• Animal Care & Use
  – Training
  – Adhere to Protocols
• Ethics Training
  – NSF, NIH, USDA funding your assistantship
More Compliance Responsibilities

• Biological Safety
  – Training
  – Adhere to Protocols

• Purchasing
  – Approved vendors
  – Vendor contact reporting
  – Use of resources

• Financial conflict of interest reporting
Some interesting sites to visit

- Office of Research Integrity
  http://ori.hhs.gov

- Key Issues in Ethics
  http://nationalethicscenter.org

- Search Research Integrity
Questions?

Good Luck and Do Good Work!