

# Professional Ethics: Challenges for Responsible Teaching and Research

Chi Anyansi-Archibong  
Professor of Business/Institution  
Leader and PI Research Ethics  
Education

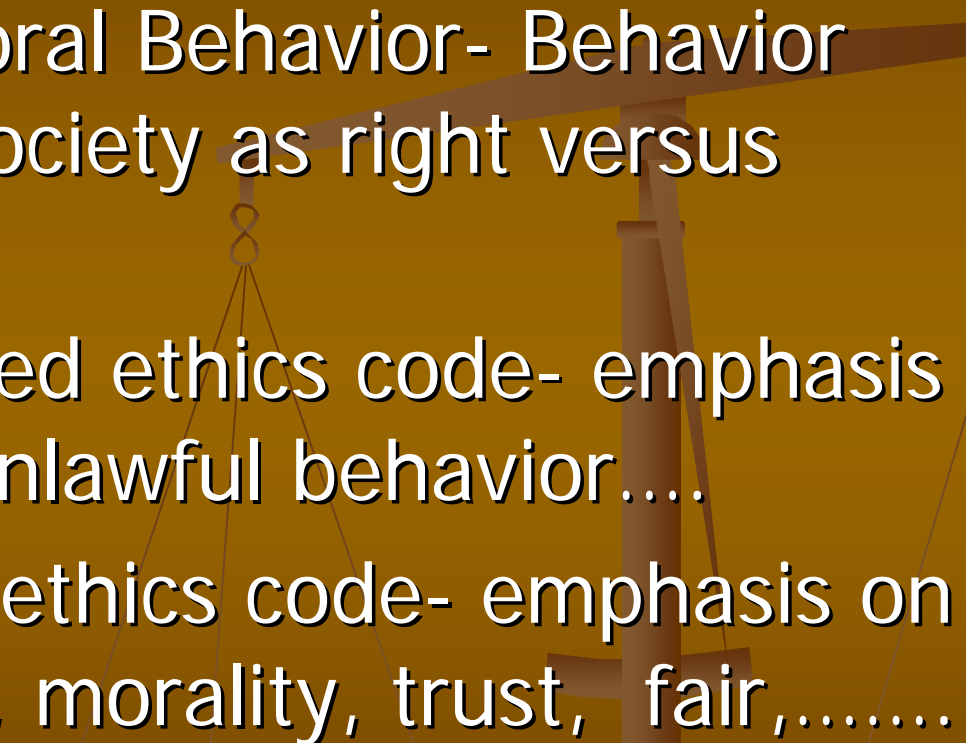
# Preamble:

- " You know it's not the honors and prizes, and the fancy outsides of life which ultimately nourish our souls"
- " It is the knowing that we can be trusted, that we never have to fear the truth, that the bedrock of our very being is good stuff"

Fred Rogers

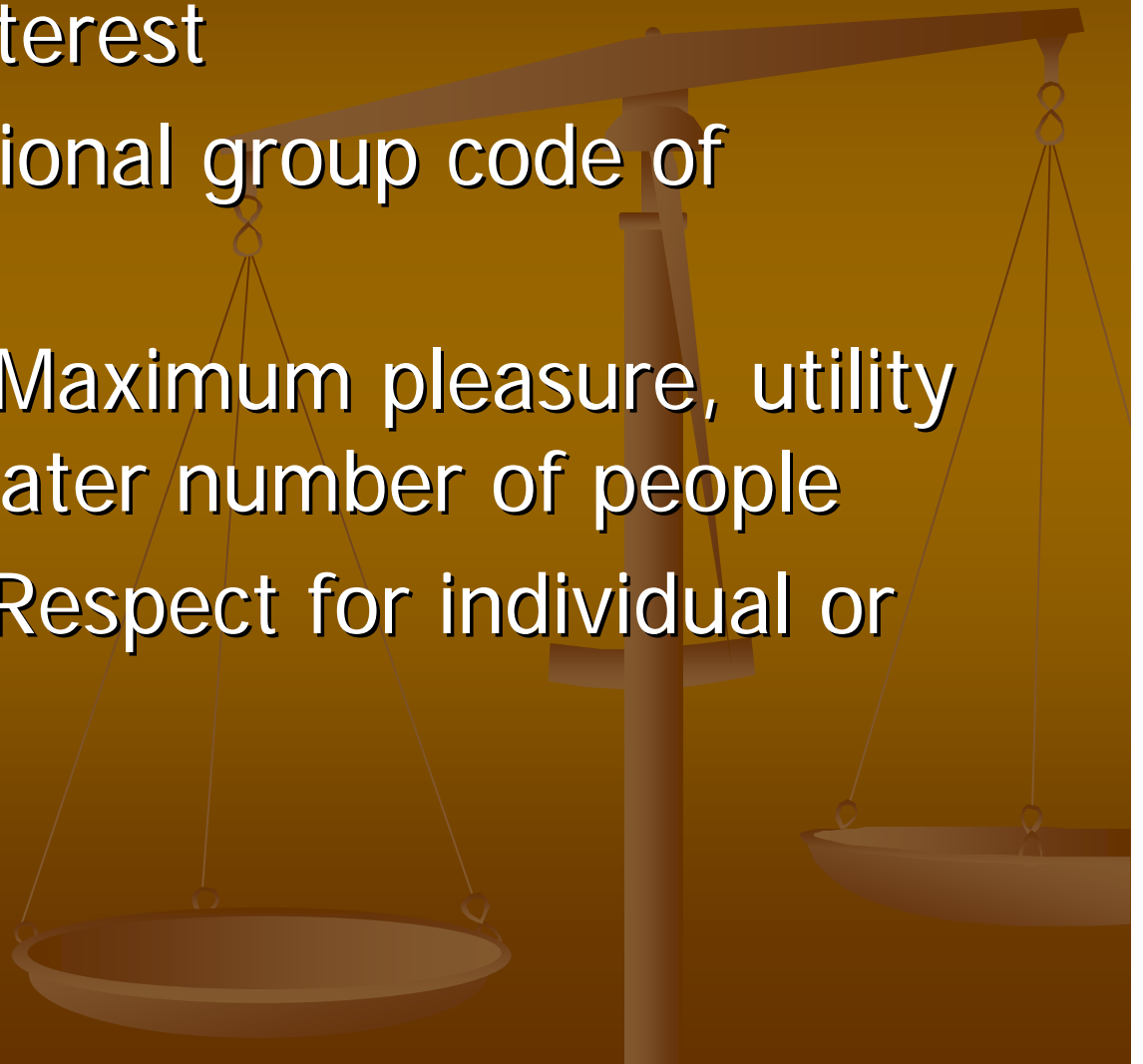


# Ethics and Ethical Behavior

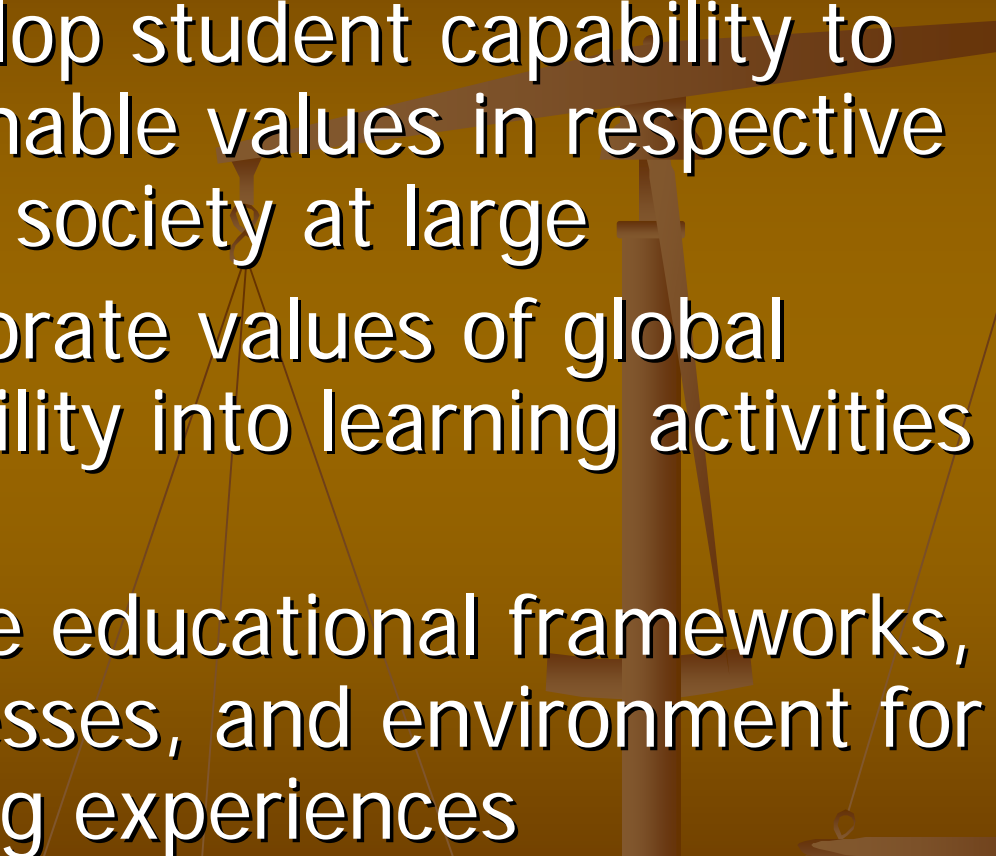
- Standards of Moral Behavior- Behavior acceptable by society as right versus wrong
  - Compliance-based ethics code- emphasis on preventing unlawful behavior....
  - Integrity-based ethics code- emphasis on personal values, morality, trust, fair,.....
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# Ethical Principles Guiding Decision and Behavior

- Egoism –Self Interest
- Virtue – Professional group code of conducts
- Utilitarianism – Maximum pleasure, utility achieved by greater number of people
- Right/Justice – Respect for individual or group rights

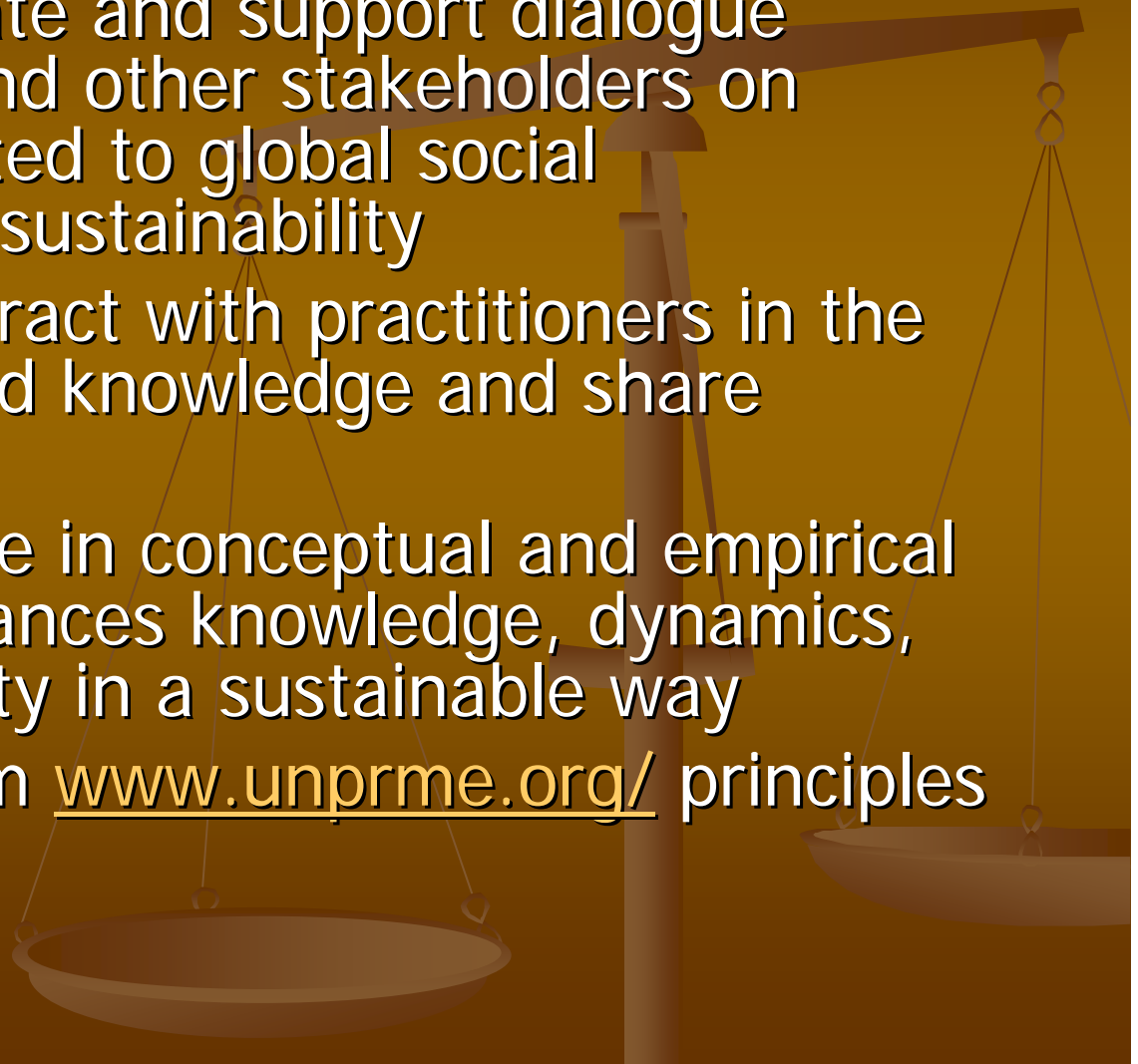


# Principles Responsible Conduct in Teaching

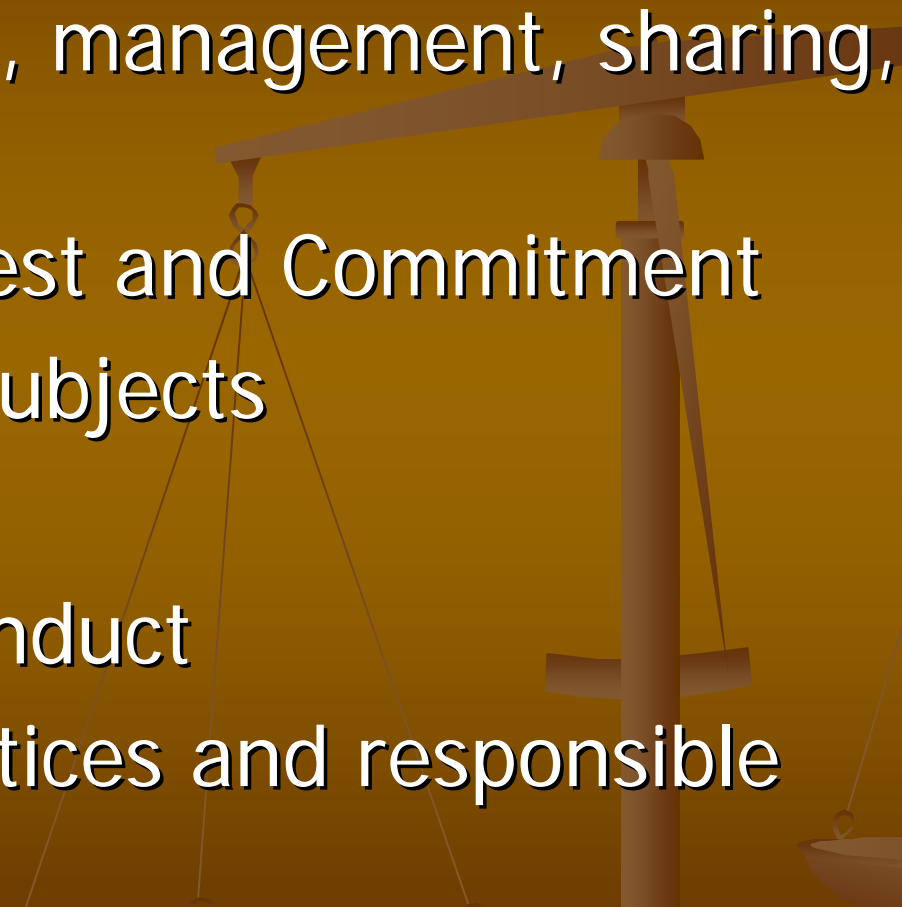
- Purpose – Develop student capability to generate sustainable values in respective professions and society at large
  - Values – incorporate values of global social responsibility into learning activities and curriculum
  - Method – Create educational frameworks, materials, processes, and environment for effective learning experiences
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# Teaching Principles Cont.

- Dialogue – Facilitate and support dialogue among learners and other stakeholders on critical issues related to global social responsibility and sustainability
  - Partnership – Interact with practitioners in the discipline to extend knowledge and share challenges
  - Research – Engage in conceptual and empirical research that advances knowledge, dynamics, and impacts society in a sustainable way
- adapted from [www.unprme.org/](http://www.unprme.org/) principles



# Responsible Conduct of Research: ORI's Instructional Areas

- Data acquisition, management, sharing, and ownership
  - Conflict of interest and Commitment
  - Use of Human subjects
  - Animal Welfare
  - Research misconduct
  - Publication practices and responsible authorship
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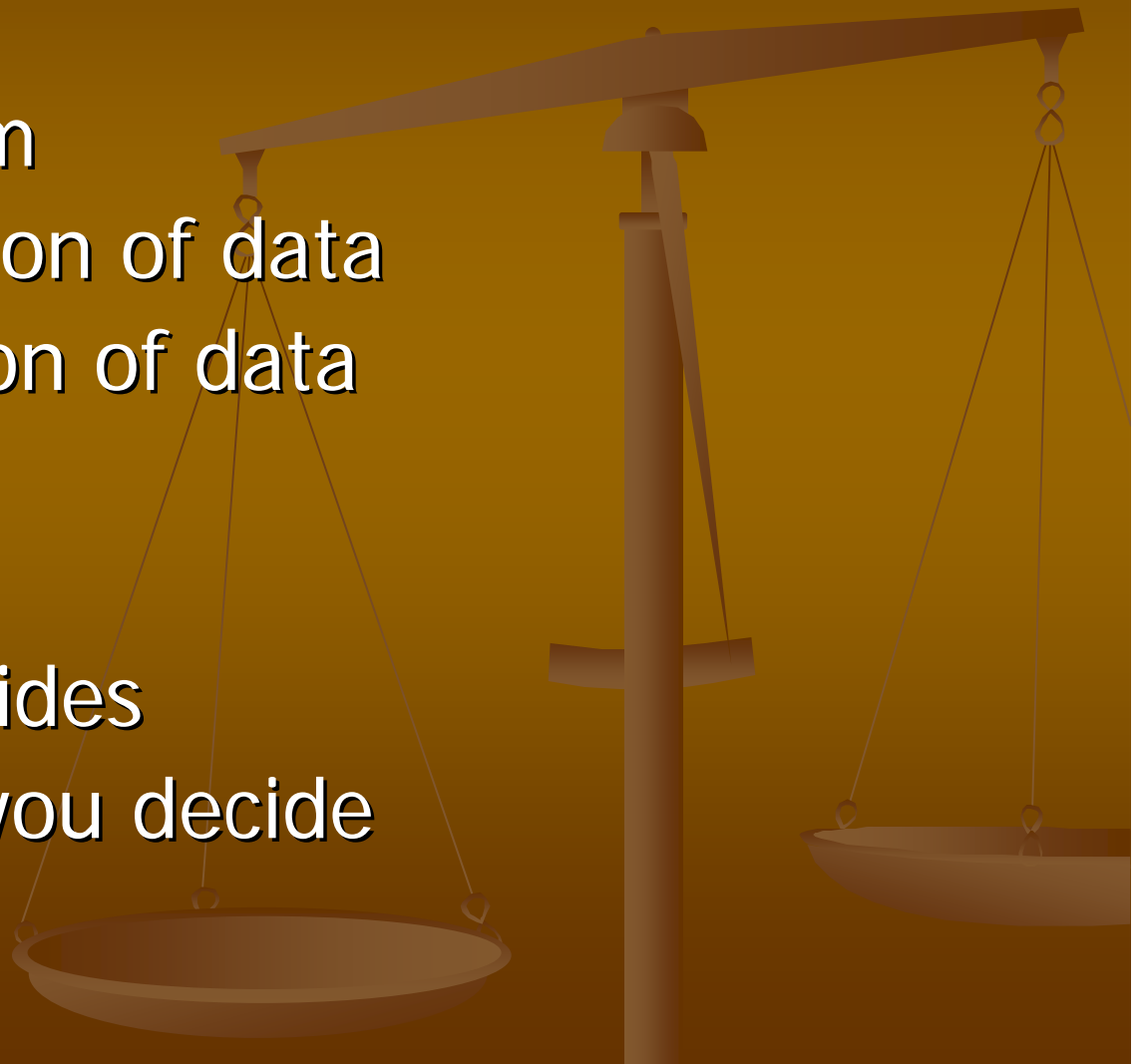
# ORI's Instructional Areas cont.

- Mentor/Mentee responsibilities
- Peer review
- Collaborative Sciences



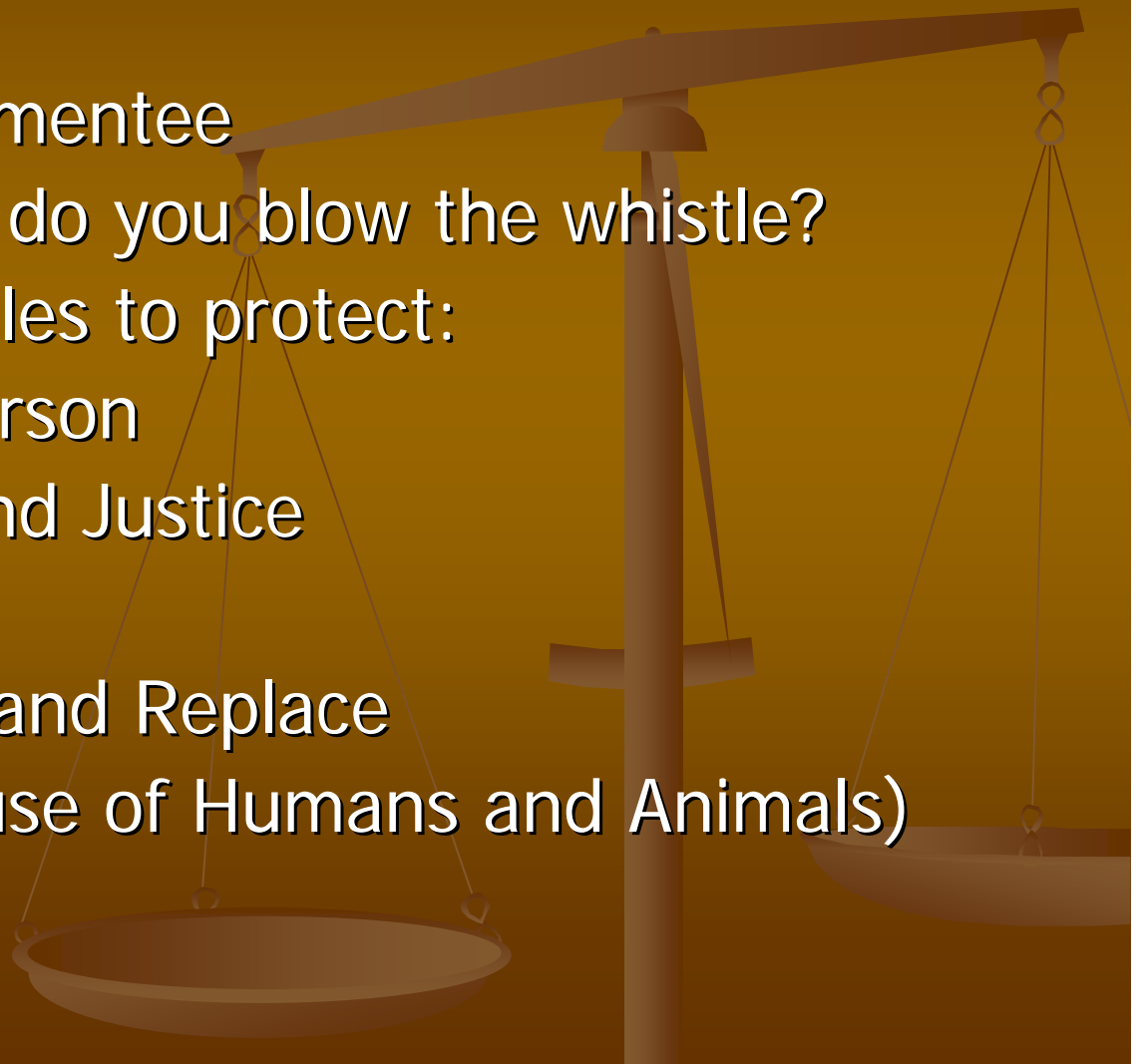
# Some Research challenges

- Misconduct:
  - Plagiarism
  - Falsification of data
  - Fabrication of data
- Authorship:
  - Who?
  - Who Decides
  - How do you decide



# Challenges Cont.

- Mentoring:
  - Duties of mentor/mentee
  - work ethics/when do you blow the whistle?
- Use of Humans/rules to protect:
  - Respect for person
  - Beneficence and Justice
- Animal welfare:
  - Reduce, Refine, and Replace
  - ( see your IRB for use of Humans and Animals)



# How Common is Misconduct/Cheating?

- Business – 56 %
- Engineering – 54%
- Physical Science -50%
- Medical/health care – 49%
- Law – 45%
- Socioial Sc. and humanities – 39%
- 44% of Faculty say they often ignore cheating
- 52% say they never reported cheating to anyone

(Donald McCabe; Center for Academic Integrity; Duke University)



# EAREE NSF Project: Goals

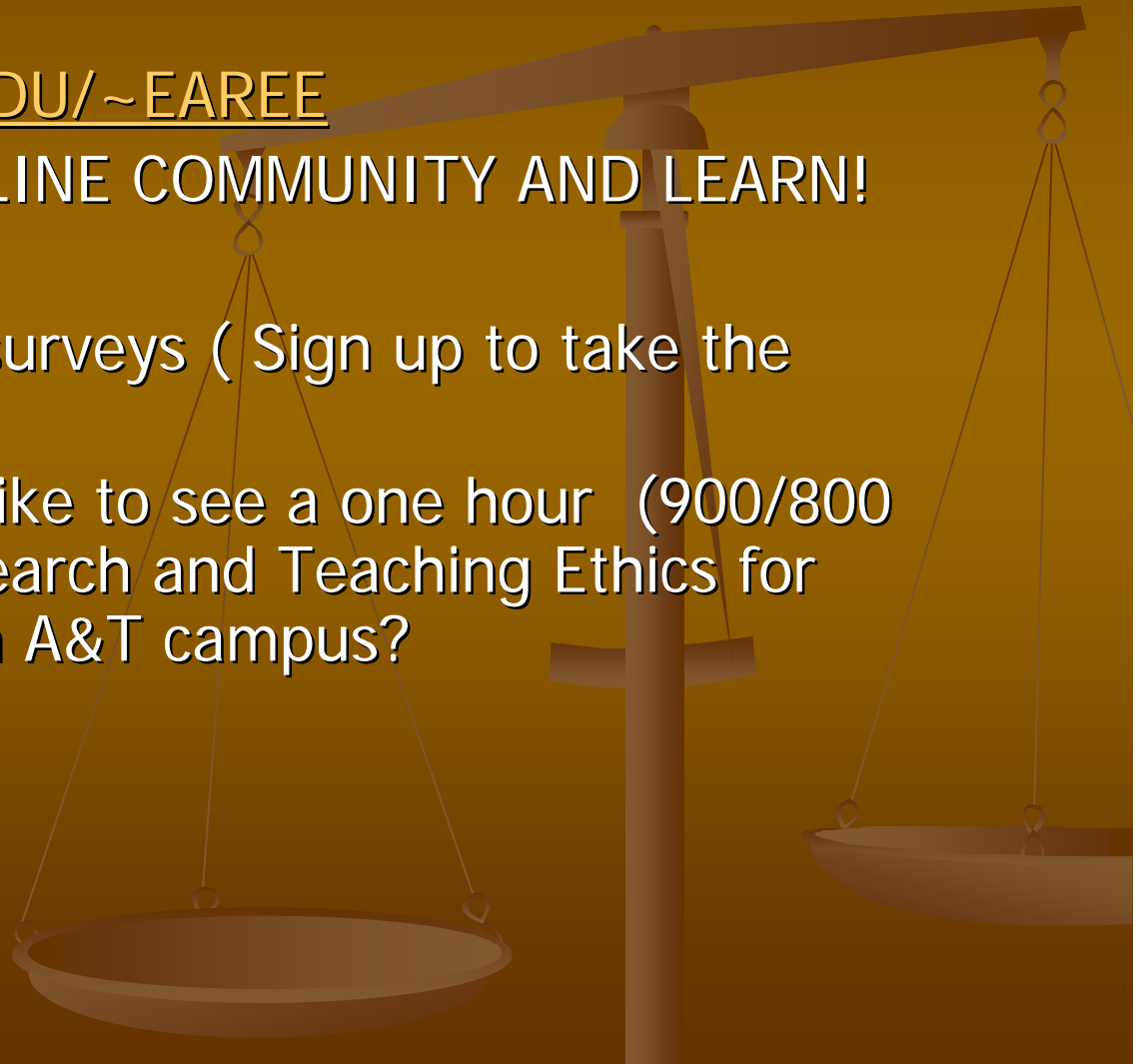
- Extend LANGURE's "Open Seminar in Research Ethics" course to all the seven doctoral universities in the university of North Carolina system
  - Assess the effectiveness of open seminar in achieving its pedagogical goals at these institutions
  - Establish a mechanism and a template for extending the open seminar to other state systems.
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# EAREE's Learning Approach

- VISIT [WWW.NCAT.EDU/~EAREE](http://WWW.NCAT.EDU/~EAREE)  
AND JOIN THE ONLINE COMMUNITY AND LEARN!

Start with the Student surveys ( Sign up to take the survey-Pre test)

How many of you will like to see a one hour (900/800 level courses on Research and Teaching Ethics for graduate students on A&T campus?



QUESTIONS?

