

# RESEARCH INTEGRITY - GIS 501

## -Spring Semester 2005-

**Instructor:** Julio F. Turrens, Professor of Biomedical Sciences (380-2714)  
**Office hours:** By appointment, UCOM 1500  
**Time:** Wednesdays 3:00-4:30 pm  
**Place:** UCOM 6001  
**Webpage:** [www.southalabama.edu/biomedical/Faculty/jturrens/](http://www.southalabama.edu/biomedical/Faculty/jturrens/)

### **Objective and Goals:**

This course is designed to expose future professionals to a variety of topics concerning Research Integrity and to inform them of current policies affecting research activities. Students will meet once a week to discuss different issues that arise during the conduct of basic, clinical, and laboratory research. Weekly sessions will include lectures, discussion periods, and analyses of case studies.

**Required Text:** Responsible Conduct of Research, by Adil Shamoo and David Resnik, Oxford University Press, 2003.

### **Grading Policy:**

- **This is a Pass/Fail course.**
- **Attendance is mandatory.**
- **A short quiz on topics covered in the readings assigned for the day will be administered at the beginning of the class.**

Students should contact the course director in advance if they cannot attend a session or bring a medical certificate in case of sickness. In addition, Students missing a meeting must write a 1-2 pages long summary of the topic covered in that session.

### **Other:**

- Students are expected to actively and freely participate in all discussions. The opinions expressed during discussions do not affect the student's grade.
- The use of beepers, portable phones and any other device that could distract the class is forbidden. The use of tape recorders is forbidden.

## Course Schedule

01/12/05	Introduction
01/19/05	Scientific Research and Ethics Chapter 1
01/26/05	Data Collection Chapter 2
02/02/05	Authorship and Mentoring Chapter 3
02/09/05	Collaborative Research Chapter 3 Barbara Broome, Ph.D. College of Nursing
02/16/05	Publication and Peer Review Chapter 4
02/23/05	Scientific Misconduct. Forensic analysis of scientific data. Chapter 5
03/02/05	Academic Misconduct in College and in Research
03/09/05	Intellectual Property and Conflict of Interest Chapter 6, 7 Nicole Baute, Technology Transfer
03/23/05	Collaboration between Academia and Private Industry Chapter 8 Nicole Baute, Technology Transfer
03/30/05	Use of humans in research Chapter 9 Dusty Leyton, Research Compliance On-line tutorial: ( <a href="http://ohsr.od.nih.gov/cbt">http://ohsr.od.nih.gov/cbt</a> ) (Bring certificate to class)
04/06/05	Use of Animals in Research Chapter 10 Donna Skipper, IACUC
04/13/05	Human Genome Project Chapter 11
04/20/05	Rules and Regulations about Expert Witnesses in court Dr. Don Blancher, TAI-STRAND
04/27/05	The scientist in society Chapter 12