

Research Ethics for the Life Sciences
ANSC/CEM/PLSC 525
Fall Semester 2017

Section 1 Mondays 12:20-1:10 128 Ellington Plant Science (after first class → 333 Plant Biotechnology Building)
 Section 2 Mondays 1:25-2:15 128 Ellington Plant Science (after first class → A201c, Veterinary Medicine)

Section 1 Instructors:

Neal Stewart (nealstewart@utk.edu) 320 PBB, 974 6487
 Lannett Edwards (jedwards@utk.edu) JARTU, 946 1011

Section 2 Instructors:

Stephen Kania (skania@utk.edu) A218 Vet Med, 974 5576
 Robert Donnell (rdonnell@utk.edu) A201 Vet Med, 740 0657

Our main text is *Research Ethics for Scientists* (2011) available at the bookstore.

Grading: A-F

This is a class whose value is entirely based upon participation, i.e., readings and discussion. Therefore, attendance is of particular importance. Students must be present and have active participation in the readings and discussions to earn an ‘A.’ Students may miss one class and still earn an ‘A.’ Each class meeting, one or two students lead discussions on the topic of the day and case studies. All students write and hand in at least three points/questions relevant to the day’s topic.

DATE	TOPIC	READING PAGES	ASSIGNMENT DUE
August 28	Course introduction/FFP	Chs 1 & 2 Intro 1-20	
September 4	Labor day; no class		
September 11	Plagiarism	Ch 3 Plagiarism 21-26	Find plagiarism
September 18	Plagiarism/self-plagiarism	Ch 3 Plagiarism 26-38	Case study pp 35-36
September 25	Mentoring	Ch 4 Mentoring 39-72	Herman/Jason pp 48-51, case pp 52/54/69
October 2	Misconduct: fabrication	Ch 6 Data fabrication 73-85	Finish discussing mentoring
October 9	Falsification/whistleblowing	Ch 7 Fals.+Whistle. 87-103	Case Goodwin pp 89-95
October 16	Whistleblowing	Ch 7 Fals.+Whistle. 87-103	Goodwin (cont) + Case “Jill” pp 99-100
October 23	Authorship	Ch 8 Authorship 105-119	Cases pp 114-118, journal guidelines
October 30	Grants and funding	Ch 9 Grants 121-139	Cases 1&2 pp 130-133
November 6	Peer review	Ch 10 Peer review 135-146	Case study 143-145
November 13	Data management + meetings	Ch 11 Data 147-161	Conference etiquette pp 157-159
November 20	Conflicts of interest	Ch 12 Conflicts 163-177	Cases 1&2 pp 171-176
November 27	Special topics that can include:	workplace/relationship ethics, diversity in science, animal/human subjects	
December 4	Special topics	use of statistics, transparency, or other topics as decided by students	

Hilltopics contains information on standards and practices for academic integrity for the University of Tennessee.