

ATS786, Spring 2013
Research in Atmospheric Science
 Fridays 1 – 1:50 PM
 ATS West 121

Course Topics and Tentative Outline:

Week	Discussion Topic	Reading assignment (for next week)
Jan 25	Course overview Roles and responsibilities in academia	Smith, Ch. 1-3; Valiela, Ch. 11; Christopher, Ch. 1-2; writeup on ethical theories
Feb 1	Data ownership and storage	(TBA)
Feb 8	Lab notebooks	
Feb 15	The Scientific Method / Design and Conduct of Research	
Feb 22	Research Misconduct / Plagiarism	
Mar 1	Publication Practices and Responsible Authorship	
Mar 8	Mentor/Trainee Relationships Conflict Resolution and Effective Communication (presented by Office of Conflict Resolution)	
Mar 15	Time Management	
Mar 22	<i>Spring Break</i>	
Mar 29	Research with Human and Animal Subjects / Lab Safety	
Apr 5	Resume Preparation and Interview Skills (presented by the Career Center)	
Apr 12	Effective Tables, Figures, and Posters	
Apr 19	Effective Presentations	
Apr 26	Seeking Funding and Writing Successful Proposals	
May 3	Preparing Research Budgets Financial Management & Fiscal Responsibility	
May 10	Course wrap-up	