Location: B118 Life Sciences  
Seminar Organizer: Dr. Walter K. Schmidt (wschmidt@uga.edu; 583-8241; office hours by appointment)  
Course Website: http://schmidtlab.uga.edu/GRSC8010.html  
Meeting Time: Fall 2018, Tuesdays, 5:30-7:30 PM (food and drink provided); if you have a conflict with class attendance, tell the instructor immediately.

Purpose: To acquire practical knowledge & training suitable for success in Life Sciences graduate programs.

Prerequisites, Required Text, Exams: None

Required Readings: See below; all readings are accessible on the course website.

Syllabus: The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

Aug. 14 (Class 1) Welcome  
1. Outline of program expectations  
2. Intro to University culture – Who’s who?  
3. Keys to Success  

Aug. 21 (Class 2) Facilities and Safety  
1. Official UGA Safety policy and training (http://www.esd.uga.edu/)  
2. Ethical standards in science  
3. Discussion of assigned readings: “Non-chemical Hazards”, “Pharmacy Fire” and “Curbs on Pathogens”

Aug. 28 (Class 3) Professional Development – Official Policies on Ethics  
1. Official UGA Responsible Conduct policy  
2. Examples of Scientific Misconduct – Plagiarism and Misrepresentation  
3. Official UGA Computer Use Policy  
4. Grievance Procedures  
5. Discussion of assigned readings: “Designer Debacle”, “Scientists Behaving Badly”, and “Images: keep a distinction…”

Sep. 4 (Class 4) Professional Development – The Successful Researcher  
1. Hypothesis-based and Question-driven research  
2. Data Organization and Duplicating results  
5. Resources: Tomorrow’s Professor, Project Management, and other literature  
6. Discussion of assigned readings: “Hypothesis Overdrive?”, “Strong Inference” and “The Man or the Moment?”

Sep. 11 (Class 5) Professional Development – Funding Opportunities / Grant Writing  
1. Discussion of Professional Development Resources  
2. Funding sources for your graduate education  
3. Courses and Opportunities offered by the Graduate School  
4. Discussion of resources and assigned readings: “Radford Position”, “Secrets of the Inner Circle” and “Big Thinking at Small Universities”,

Sep. 18 (Class 6) Non-traditional opportunities for PhDs  
1. Plan B training, Individual Development Plans, Hiring trends  
2. Discussion of resources and assigned readings: “Starter R01 Grants”, “Doctoral Education Mismatch” and “Should I Stay or Should I Go?”

Sep. 25 (Class 7) Invited Speakers or Continued Discussion

As a University of Georgia student, you have agreed to abide by the University’s academic honesty policy, “A Culture of Honesty,” and the Student Honor Code. All academic work must meet the standards described in “A Culture of Honesty” found at: www.uga.edu/honesty. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.