

GBS 723 – Topics in Professional Development

2 Credit Hours | Spring 2020 | January 15 – April 22, 2020 | Wednesday 3:30 – 5:00 p.m. | Shelby 515

Course Director: Dr. Harry W. Schroeder | hschroeder@uabmc.edu | 934 – 4769

Instructor: Dr. Laurie E. Harrington | lharrington@uab.edu | 996-9795

Instructor: Dr. Ada Elgavish | aelgavis@uab.edu | 934-6547

GBS Vision Statement:

“Demonstrating world-class excellence in all areas of biomedical research through the achievements of our students.”

GBS Mission Statement:

“Driving biomedical discovery through interdisciplinary training and innovative research.”

GBS Core Competencies:

GBS offers a wide array of courses, seminars, journal clubs, research opportunities, and professional development that are designed to support the growth and development of our students. The following list consists of desirable competencies for our students to achieve while in this course

Content-Specific
Conceptual Knowledge

- Critical Thinking and Data Evaluation
- Quantitative Analysis
- Research-Skill Development
- Communication Skills
- Professionalism
- Leadership & Management Skills
- Career Exploration and Preparation
- Personal Development
- Responsible Conduct of Research

Course Objectives:

Objective for Student Presentations: To learn how to present one’s data emphasizing: (1) What is already known in the field (10 minutes background introduction); (2) Data obtained (10 minutes); (3) The significance of the results within the context of what is known, i.e., how will the study advance knowledge and open new avenues for research (10 minutes). Led by instructors and using an "NIH study section format", each trainee then provides a detailed critique of the presentation, with the speaker benefiting from the discussion by listening only.

Objective of Leader Lectures: There is no better way to learn about what it takes to succeed in academia than to learn from those that have succeeded. As part of a course entitled Topics in Professional Development, we invite leaders on campus to meet the trainees and share their experiences with them. Campus leaders spend approximately 20-30 minutes reviewing their career, 20-30 minutes on a topic – research, clinical or otherwise – of interest to the leader, and 20-30 minutes for questions. This offers the students an opportunity to broaden their horizons, and also offers leaders on campus the opportunity to meet with students selected for T32 support that are most likely to pursue an academic career.

Grading:

Final grades on a pass/fail scale, are based on student presentations, quality of effort invested in peer evaluation and attendance and questions during leader lectures. There are no tests or quizzes.

Course Outline:

DATE	PRESENTER/TRAINEE/ LEADER SCIENTIST
1/15/2020	Course Introduction: Harry W. Schroeder, Jr., MD, PhD
1/22/2020	Virginia Camacho
1/29/2020	Ashley Landuyt
2/5/2020	Ashleigh Riegler
2/12/2020	Ryan McMonigle
2/19/2020	Sade Williams
2/26/2020	Ashlyn Anderson
3/4/2020	Andrew Schroeder
3/11/2020	Leader Lecture Mary-Ann Bjornsti, PhD
3/18/2020	Spring Break – No Class
3/25/2020	Leader Lecture Jiri Mestecki, MD, PhD
4/1/2020	Leader Lecture Lori McMahon, PhD
4/8/2020	Leader Lecture Louis B. Justement, PhD
4/15/2020	Leader Lecture: Chander Raman, PhD
4/22/2020	Leader Lecture: Peter Burrows, PhD

Disability Support Services:

UAB is committed to providing an accessible learning experience for all students. If you are a student with a disability that qualifies under Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, and you require accommodations, please contact Disability Support Services for information on accommodations, registration and procedures. Requests for reasonable accommodations involve an interactive process and consist of a collaborative effort among the student, DSS, faculty and staff. If you are registered with Disability Support Services, please contact the course director to discuss accommodations that may be necessary in this course. If you have a disability, but have not contacted Disability Support Services, please call (205) 934-4205 or visit <http://www.uab.edu/dss>.