Course Announcement

R3 Science Education Initiative (jhsph.edu/r3gsi) courses begin October 29

**Anatomy of Scientific Error** 260.701.81, 3 credits  
**Term 2 Fall 2018**

Interested in learning why errors in science (misconduct, mistakes and serendipity) happen? This course presents real-world cases and allows for discussion of these historic and contemporary cases where errors led to innovation. **Students analyze errors, learn how to prevent them and write a critical review.** This course also introduces methodological and mathematical approaches to error reduction. Explores review and retraction mechanisms for journal articles and grants as methods of science self-correction. Discusses historic and contemporary cases where errors constitute sources of innovation. Open to all students.

**Instructor:** Gundula Bosch, gbosch2@jhu.edu

---

**Communication Practice for Health Science Professionals** 260.710.81  
3 credits  
**Term 2 Fall 2018**

**Course description:**  
Interested in how to best communicate your research to a broad audience, improve your presentation skills, make a podcast and advocate for your work? This course introduces students to current trends in presentation design and delivery. Focuses on narrative-oriented thinking to improve information dissemination. Emphasizes clarity and simplicity in communication practice in multiple settings, targeting both lay and interdisciplinary expert audiences. Open to all students.

**What do students say about this course?**

“Communication Practice for Health Science Professionals is a useful course that taught me how to present my work to a broad audience as well as how to communicate the importance of my research to people outside of my field. Specifically, I learned how to create more effective Powerpoint presentations, utilize social media to communicate opinions and research, and make a podcast about my work. Additionally, I gained valuable presentation
skills that will help me be a more compelling communicator and concisely convey ideas in a 'lightening talk' format."

- Victoria “Tori” Balta
  PhD Candidate, MMI

Instructor: Gundula Bosch, gbosch2@jhu.edu