A Curriculum for Science Communication

- Each workshop is offered twice in the same week at two locations: Tuesdays in MI 411 & Fridays in Wean 8325 at 4:30 PM
- A calendar is available online
- Workshops are self-contained with post-summary handouts and evaluation.

**Fall: Presentation**

**Introduction to Presentation** – October 9 & 12
Series overview, organizing and structuring information for clarity and logic.

**Graphic Design: Clear Thinking Made Visible** – October 23 & 26
Creating and revising persuasive graphics for figures, slides, and posters. Analysis of the structure of visual argument.

**Distilling Your Message** – November 6 & 9
Elevator pitch, 3-minute thesis, finding your message.

**Telling Science Stories** – November 13 & 16
Crafting narrative, navigating detail, public communication, distilling your message.

**Crafting Explanations** – November 27 & 30
Analysis and construction of explanatory metaphors.

**Vocal Delivery** – December 4 & 7
Exercises to develop awareness of speed, volume, clarity, verbal tics. Understanding anxiety and performance.
Spring: Scientific Writing

**Developing an Effective Writing Process**
Dispelling misconceptions, best practices for writing, giving feedback, and revision.

**Understanding Reader Expectation**
Learn where readers expect information and how structure affects emphasis.

**Anatomy of an Abstract**
Analyzing the structure and rhetorical moves of an abstract, practice revision.

**Grant Proposals**
How readers find the information they need to advocate for your work.

**Applying for an NSF-GRFP**
Generating an original idea, intellectual merit, broader impacts, personal statements.

**Graphic Design: Clear Thinking Made Visible**
Creating and revising persuasive graphics for figures, slides, and posters.

**Practice and Feedback**
Facilitated peer review of journal articles, proposals, NSF-GRFP.

**Coherence and Cohesion**
Logical flow through linguistic cues that signal emphasis, transition, cause and effect.

Summer: Professional Development

**Career Options Within Academia**
Making an Individual Development Plan (IDP), how and why to post-doc, getting tenure.

**Beyond Academia**
Informational interviews, how to transition, what's out there, MyIDP.

**My Heart is in the Network**
Proper etiquette to build, maintain, and make requests from a network.

**Writing a Resume**
Analyzing job postings, crafting a targeted resume and CV.

**But I Have No skills!**
Reframing how you talk about your work, preparing for an interview.