Ardon Z. Shorr, Ph.D.

Ardon@Princeton.edu
ArdonShorr.com

I teach science communication and academic writing

- Five years experience teaching academic writing to first-year undergraduate students at Princeton University
- Mentor and supervise undergraduates (first years to seniors) to conduct original research, submit to conferences
- Recognized by NSF-funded program as one of the top 30 innovators in science communication nationwide
- National Science Foundation Graduate Research Fellow

Work Experience

Princeton University
2019 – present

Faculty
- Designed course in academic writing for undergraduate students rated 4.4 / 5
- Designed course in communicating research to the public for graduate students
- Lecturer in Graduate Writing Courses in Science and Engineering
- Taught summer writing class for first-generation / low-income students, rated 4.7 / 5
- Regularly contribute to professional development: organized workshops in ChatGPT, digital lesson plans, antiracist pedagogy, scaffolding student self-evaluation, posters

Cultured Fit, LLC
2021 – present

Consultant
- Designed and delivered workshops in science communication.
- Clients include the Center for Disease Control and Harvard University.

Carnegie Mellon
2018 – 2019

Science Communication Specialist
- Developed curriculum of 18 workshops in science communication
- Led 36 events on presentation, writing, and professional development
- Workshops rated 9.4/10, students feel 40% more prepared for future careers

Public Communication for Researchers
2012 – 2017

Co-founder, Lead Writer & Designer
- Developed 12 workshops in a curriculum on science communication
- Taught faculty in Computer Science, >500 students across all STEM departments
- Developed five-year strategic plan, advertising campaigns, graphics, website, blog
- Contributing author to national recommendations on STEM education
- Worked closely in a team to organize events, manage $10,000 annual budget
- Recognized by Graduate Student Service Award 2015, profiled by NSF

Education

Carnegie Mellon
2018

Ph.D. in Biology. Thesis: *Tools to Examine Mechanotransduction.*

National Science Foundation Graduate Research Fellow
Certificate in Teaching Excellence

Oberlin College
2009

B.A. in Neuroscience with Chemistry Minor
B.A. in Music Theory with Honors Thesis

Workshops in Science Communication

Collaborative Writing	Center for Disease Control and Prevention (CDC). Assistant developer.
Why are Facts not Enough?	Harvard University Strategic Data Project, Boston, MA
Faculty Media Training	Carnegie Mellon University School of Computer Science
2D Story Analysis	Stanford University Human-Computer Interaction, San Francisco, CA
Explaining Complexity	GSL Labs, San Francisco, CA
Clear Thinking Made Visible	AAAS Conference 2015, San Jose, CA
Telling Research Stories	Texas A&M University
Science Communication	Keynote speaker, Indiana University Science Communication Symposium 2018
Why are Facts not Enough?	Speaker, Institute for Religion in the Age of Science, Star Island, NH
"Oh, I get it"	Panelist, SXSW edu 2017, Austin, TX

Scholarship
Semantic Scholar | Google Scholar | ORCID

Shorr, A.Z., Whiting, M.E. (2023) A rose in any other order: structural cues communicate the writer's stance. 9th International Conference on Computational Social Science IC2S2 July 17-20, 2023, Copenhagen, Denmark.

Shorr, A.Z., Sönmez, U.M., Minden, J.S., & Leduc, P.R. (2019). High-throughput mechanotransduction in Drosophila embryos with mesofluidics. *Lab on a chip*, 19 7, 1141-1152 .

Shorr, A.Z. (2018). Tools to Examine Mechanotransduction.

Moorman, S.J., & **Shorr, A.Z.** (2008). The primary cilium as a gravitational force transducer and a regulator of transcriptional noise. *Developmental Dynamics*, 237.

Public Scholarship

Editorial Consultant	Grant & Jay 2017. *Breaking Through Gridlock*. Berrett-Koehler Publishers
Contributor	*GradSciComm: Integrating Science Communication into STEM Graduate Education*
Author	Op-ed: *Grad School is Hard on Mental Health*. Chronicle of Higher Education
Director	*The Protein Hustle*. Dance Your Ph.D.
TEDx speaker	Named editor's choice, translated into 9 languages, over 194,000 views

Honors and Awards

Graduate Research Fellow, National Science Foundation

First place, McGinnis Venture Competition for Pittsburgh Startups

First place, Rattle poetry prize 2023

Skills

Presentation	Graphic design	Basic programming	Ask me about
Keynote	LaTeX, Pages, Affinity	R, ImageJ, Fiji, Java	Calligraphy, mechanical keyboards