

# Ardon Shorr

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Award-winning writer for entrepreneurial communication, presentation, and scientific graphic design

## Education

May 2018 (expected)	Ph.D. in Biology	GPA 3.7	Carnegie Mellon University
May 2009	B.A. in Neuroscience	GPA 3.6	Oberlin College
May 2009	B.A. in Music Theory	GPA 3.8	Oberlin College

## Work Experience

Jul 2012 - Jul 2016	Co-founder, lead writer and designer Public Communication for Researchers (PCR) <ul style="list-style-type: none"><li>• Co-founded professional development program that teaches graduate students to explain their work to many audiences</li><li>• Built 12 workshops on technical writing, media interviews, visual design</li><li>• Strategic plans, handouts, logos, websites, branding</li><li>• Profiled by the National Science Foundation</li><li>• Recognized as top 30 innovators in science communication nationwide</li><li>• The program draws over 500 students representing all STEM departments</li></ul>
Oct 2014 - Jul 2015	Co-founder and Chief Technology Officer, Rorus Inc. <ul style="list-style-type: none"><li>• Led the design of written, oral, visual communication</li><li>• Wrote successful grants, scripts for videos, technical white papers, and presentations for investors, leading to awards and investment</li><li>• Technical lead to build and verify a new water purification technology</li><li>• Synthesized metal nanoparticles embedded into paper</li><li>• Designed experiments and built a lab to carry them out</li></ul>

## Honors and Awards

Aug 2015	Founder.org class of 2016 (\$50,000)
Jul 2012 - Jul 2015	National Science Foundation Graduate Research Fellow (\$138,000)
Mar 2015	First place, McGinnis venture competition (\$25,000)
Apr 2015	Graduate Student Service Award for PCR
Mar 2012	TEDx talk named editor's choice

## Consulting

2006 – present

Grant writing for research and entrepreneurship

- Wrote grants to the National Institute of Health (NIH), National Science Foundation (NSF), various private institutions
- Successful awards range from several thousand to several million dollars
- Include timelines, diagrams, figures, citations

2014

#GradSciComm: Mapping the Pathways to Integrate Science Communication Training into STEM Graduate Education

- Contributor to think tank on reforming science graduate education
- Wrote recommendations, case studies

2013

TEDxCMU speech development

- Worked 1:1 with speakers to design slides, write script, coach delivery
- *ADHD is a difference in cognition* has over 700,000 views

2010

Freelance presentation consultant, New York City

- Redesigned clients' presentations
- Led workshops and webinars on presentation

## Workshops

[Invited workshop]

*Scientific Presentation: Clear Thinking Made Visible.*  
AAAS annual meeting Feb 2015, San Jose, CA

[Webinar]

*Designing Presentations with Purpose.* CMU Alumni webinar rated 4.7 / 5

[Workshops at  
Carnegie Mellon]

- Telling science stories
- Talking to the media
- The 3-minute thesis
- Media mock interview
- Keynote tutorial
- Why are facts not enough?

## Research

Carnegie Mellon University, Ph.D. candidate

2011 – 2015

Life on Earth evolved under the mechanical influence of gravity. During gravity deprivation, astronauts show several health problems that resemble premature aging. In order to identify how living things sense mechanical force, I build devices to apply altered gravity and compression to fruit flies, and analyze changes in cell communication. Understanding how living things sense mechanical force could help develop new treatments for human diseases that have mechanical components, such as age-related diseases, and long-term space travel.

2003 – 2011

Technician; Rutgers University, Hebrew University, and UMDNJ

Interned in four labs over seven summers, and one full time for a year:

- Co-authored multi-million dollar grant proposal
- Managed supplies, equipment, vendors, lab organization
- Techniques include: western blot, co-IP, hydrofluoric acid digestion, ICP-MS, thin layer chromatography, stop-flow spectrofluorometry, qRT-PCR, *in situ* hybridization, genotyping