

Ardon Shorr

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Co-founder of Public Communication for Researchers,
NSF graduate research fellow at Carnegie Mellon

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

Science Communication

Jul 2012 – present	Co-founder, lead writer and designer Public Communication for Researchers (PCR) <ul style="list-style-type: none">• Co-founded professional development program that teaches graduate students to explain their work and why it matters• Built 12 workshops on technical writing, media interviews, visual design• Produced strategic plans, logos, websites, branding• Profiled by the National Science Foundation• Recognized as top 30 innovators in science communication nationwide• The program draws over 500 students representing all STEM departments		
Oct 2014 – Jul 2015	Co-founder and Chief Technology Officer, Rorus Inc. <ul style="list-style-type: none">• Led the design of written, oral, visual communication• Wrote successful grants, scripts for videos, technical white papers, and presentations for investors, leading to awards and investment• Technical lead to build and verify a new water purification technology• Synthesized metal nanoparticles embedded into paper• Designed experiments and built a lab to carry them out		
[Invited workshop]	<i>Scientific Presentation: Clear Thinking Made Visible.</i> AAAS annual meeting Feb 2015, San Jose, CA		
[Webinar]	<i>Designing Presentations with Purpose.</i> CMU Alumni webinar series		
[Contributor]	GradSciComm: <i>Mapping the Pathways to Integrate Science Communication Training into STEM Graduate Education</i>		
[Workshops at Carnegie Mellon]	<ul style="list-style-type: none">• Telling science stories• Talking to the media• The 3-minute thesis• Media mock interview• Keynote tutorial• Why are facts not enough?		

Honors and Awards

Aug 2015	Founder.org class of 2016
Jul 2012 – Jul 2015	National Science Foundation Graduate Research Fellow
Mar 2015	First place, McGinnis venture competition
Apr 2015	Graduate Student Service Award for PCR
Mar 2012	TEDx talk named editor's choice

Research

2011 – Present	<p>Ph.D. candidate, Carnegie Mellon University</p> <p>Living things experience many kinds of mechanical force – some are constant and widespread, like gravity, while others are brief and local, like a needle poke. I build devices to apply altered gravity and compression to fruit flies in order to identify which proteins are involved in sensing mechanical force. Understanding how living things sense mechanical force could help develop new treatments for human diseases that have mechanical components, such as aging and space travel.</p>
2003 – 2011	<p>Technician; Rutgers University, Hebrew University, and UMDNJ</p> <p>I interned in four labs over seven summers, and one full time for a year:</p> <ul style="list-style-type: none">• Co-authored multi-million dollar grant proposal• Techniques: western blot, co-IP, 2D protein NMR, HF digestion, ICP-MS, thin layer chromatography, stop-flow spectrofluorometry, qRT-PCR, <i>in situ</i> hybridization, dissection, genotyping• Managed supplies, equipment, vendors, lab organization• Husbandry of mice and zebrafish

Consulting

2014	<p>#GradSciComm: Mapping the Pathways to Integrate Science Communication Training into STEM Graduate Education</p> <ul style="list-style-type: none">• Contributor to think tank on reforming science graduate education• Wrote recommendations, case studies
2013	<p>TEDxCMU speaker trainer</p> <ul style="list-style-type: none">• Worked 1:1 with speakers to design slides, write script, coach delivery• <i>ADHD is a difference in cognition</i> has over 700,000 views
2010	<p>Freelance presentation consultant, New York City</p> <ul style="list-style-type: none">• Redesigned clients' presentations• Led workshops and webinars on presentation