

# Ari Daniel

ari.daniel.shapiro@gmail.com

[www.aridanielshapiro.com](http://www.aridanielshapiro.com)

## REPORTING AND PRODUCING:

**NOVA**, *Digital producer*, 5/14 – present

- Report and produce digital videos for NOVA, and produce narrative and scientific content for NOVA Labs, an online science gaming platform for middle and high school students.

**Public radio reporting**, *Freelance reporter*, 10/07 – present,

- PRI's The World, Living on Earth, and Studio 360; NPR's Morning Edition, All Things Considered, and Weekend Edition Sunday; WNYC's Radiolab; APM's Splendid Table and Marketplace; WBUR's Here & Now

**Stories Under the Stars**, *Lead producer and host*, 11/15 – present

- Creator of live storytelling, radio, & music show at Charles Hayden Planetarium (Museum of Science, Boston)

**Story Collider**, *Boston producer and host*, 12/12 – present

- Coaching scientists and non-scientists to tell their stories at live shows

**The World & NOVA**: *Science reporter*, Boston, MA; 2/12 – 4/13

- Reported international science and environment radio stories for broadcast on PRI's The World. The stories were also posted on the NOVA website, and were created in conjunction with NOVA broadcast content.

**One Species at a Time audio series**, *Reporter and producer*, 1/10 – 12/13

- Showcasing stories of Earth's biodiversity; produced for the Encyclopedia of Life: [education.eol.org/podcast](http://education.eol.org/podcast)

**Ocean Gazing audio series**, *Reporter and producer*, 1/09 – 12/10

- Tracking ocean creatures, chemicals and currents; funded by NSF: [www.oceangazing.org](http://www.oceangazing.org)

**Video production**, *Freelance producer*, 5/08 – present

- Clients include hospitals, museums, non-profits, online publications, public media organizations, universities

## EDUCATION:

**Massachusetts Institute of Technology & Woods Hole Oceanographic Institution**

- Ph.D., Biological Oceanography: Cambridge & Woods Hole, MA; 9/03 – 6/08; NSF & NDSEG Fellowships
- Dissertation: "Orchestration: The movement and vocal behavior of free-ranging Norwegian killer whales"

**University of St. Andrews**, M. Phil., Animal Behaviour: St. Andrews, Scotland; 9/01 – 7/02; Fulbright Scholar

- Thesis: "Vocal learning in the grey seal: An experimental approach"

**Boston College**, B.S., Biology major, Mathematics minor: Chestnut Hill, MA; 9/97 – 5/01; *summa cum laude*

## OTHER WORK AND RESEARCH:

**Post-doctoral investigator**, Woods Hole Oceanographic Institution, Woods Hole, MA; 6/08 – 12/08

- Analyzed movement responses of beaked whales to playback of sonar and killer whale calls

**Legal advocate**, Urban Justice Center, New York, NY; 9/02 – 8/03

- Welfare and housing advocacy for low income clients; Participant in AVODAH: The Jewish Service Corps

**Undergraduate research projects**

- Mote Marine Laboratory, Sarasota, FL, 1/01 – 8/01: Studied vocal development of dolphin yearlings
- Summer Student Fellow, Woods Hole, MA 5/00 – 9/00: Examined vocal exchanges of killer whales
- Concord, MA, 9/98 – 12/98: Studied dam and lodge repair by the Canadian beaver

## SELECTED PUBLICATIONS:

- International Institute for Sustainable Development: Writer for the Earth Negotiations Bulletin, 9/08 – 2/12
- **Shapiro, A.D.**, Tyack, P.L. & Seneff, S. 2011. Comparing call-based versus subunit-based methods for categorizing Norwegian killer whale, *Orcinus orca*, vocalizations. *Animal Behaviour*, 81: 377-386.
- **Shapiro, A.D.** 2010. Remotely piloted underwater glider crosses the Atlantic. *IEEE Spectrum Magazine*.
- **Shapiro, A.D.**, Tougaard, J., ... Wahlberg, M. 2009. Transmission loss patterns from acoustic harassment and deterrent devices do not always follow geometrical spreading predictions. *Marine Mammal Science*, 25: 53-67.
- **Shapiro, A.D.** 2009. Recognition of individuals within the social group: Signature vocalizations. In: Stefan M. Brudzynski, ed., *Handbook of Mammalian Vocalization*. Oxford: Academic Press, pp. 495-504.

## SELECTED ORAL PRESENTATIONS:

- **Shapiro, A.D.** 2016. Getting People to Hang on (Almost) Every Word. *Ocean Sciences*. New Orleans.
- **Shapiro, A.D.** Telling Science Stories. *2013 Sea Grant Extension Assembly & Communicator Conference*. Philadelphia.
- **Shapiro, A.D.**, Seneff, S. & Tyack, P.L. 2008. Phonemic segment characterization of Norwegian killer whale call types. *Acoustics '08*. Paris, France.
- **Shapiro, A.D.**, Similä, T., Miller, P.J.O., Solow, A.R. & Tyack, P.L. 2007. Individual prey capture behavior of carousel feeding Norwegian killer whales (*Orcinus orca*). *30<sup>th</sup> International Ethological Congress*. Halifax, Canada.

SELECTED  
TEACHING  
EXPERIENCE:

- COSEE Gears Workshop**, *Co-instructor*, Salt Lake City, UT, Woods Hole, MA, Honolulu, HI; 2/12 – 2/14
- Led 2-hour workshops to help researchers translate their science into a story format
- Verhalende Journalistiek**, Masterclass and workshop instructor, Amsterdam and Utrecht, Netherlands; 4/12
- Discussed how to communicate complexity and tell effective stories using radio and multimedia
- Emerson College**: Broadcast journalism, *Professor*, Boston, MA; 1/11 – 5/11
- Taught semester-long undergraduate class how to write, edit, record and produce radio news and features
- Great Northeast Radio Rally**, *Presenter*, Portland, ME; 1/11
- Led a workshop on science radio reporting at this conference for audio producers
- Marine Biological Laboratory**: Radio production, *Course presenter*, Woods Hole, MA; Fall 2010, 2011, 2012
- Co-taught a class on how to use radio to tell stories about science
- MIT**: Animal communication/behavior discussion group, *Undergrad research supervisor*, Cambridge, MA; 1/07 – 9/07
- Supervised 11 MIT and Wellesley undergraduate students in data processing tasks. Facilitated weekly or bi-weekly group meetings to discuss scientific papers on animal behavior and communication and vocal syntax.
- MIT**: Ecology II: Engineering for Sustainability, *Teaching Assistant*, Cambridge, MA; 1/07 – 5/07
- Led discussion sections and created and graded problem sets and exams

SELECTED  
ACTIVITIES:

**Community Service**

- *Elementary school math tutor*, West Somerville Neighborhood School; 10/12 – 5/16
- *Volunteer tax preparer*, Roxbury Resource Center; 2010 – 4/16
- *Basic computer skills instructor*, Margaret Fuller Neighborhood House; 2/09 – 12/10
  - Co-teaching a class focusing on word processing, email and Windows at a low income community center
- *Environmental science outreach*, Fletcher-Maynard Academy elementary school; 9/04 – 5/06, 1/07 – 5/08
  - Co-created and co-taught science and environment enrichment curriculum to a third grade classroom
- *Students for Global Sustainability*, MIT; Secretary, President; 9/03 – 5/07
  - Co-organized Eco Expo, a student sustainability exhibition; Designed sustainability guide for Cambridge

**Selected Acting & Performance**

- True Story Playback Theater: Arlington, MA; 2/13 – present
- *Prometheus Bound*: Okeanos, MIT workshop, Cambridge, MA; 9/10 – 2/11
- *The Cherry Orchard*: Fiers, MIT workshop, Cambridge, MA; 1/09 – 5/09

SELECTED  
AWARDS &  
FELLOWSHIPS:

- 2016 AAAS Kavli Science Journalism Award for radio reporting on climate change in Greenland and Iceland
- NOVA's Evolution Lab named a Japan Prize finalist and a Games for Change awards finalist
- Webby Award Official Honoree for my web video "Knotty Thrills"
- Screening of "Rules for the Black Birdwatcher" video at Lookout Wild Film Festival, 2015
- Solutions Journalism Network Fund Winner to report on a story of climate change resilience; 11/13
- Public Radio Exchange STEM (Science, Technology, Engineering, and Math) Story Project Winner; 5/13
- National Defense Science and Engineering Graduate Fellowship, 2004-2007
- National Science Foundation Graduate Research Fellowship, 2003-2004
- US-UK Fulbright Graduate Student Scholarship, 2001-2002
- Presidential Scholarship, Boston College, 1997-2001
- Nominated for Phi Beta Kappa as a Junior and Inducted May 2001
- Most Contagious Smile in the 5<sup>th</sup> Grade, 1990

LANGUAGES:

- Fluent in Spanish and conversant in French. Learning Arabic.

REFERENCES:

- Lauren Aguirre, Director of Digital Media, NOVA: lauren\_aguirre@wgbh.org
- Jay Allison, Independent Producer and Executive Director, Atlantic Public Media: jwa@well.com
- Peter Thomson, Environment Editor, The World: peter.thomson@bbc.co.uk
- Jim Yoder, VP for Academic Programs and Dean, Woods Hole Oceanographic Institution: jyoder@whoi.edu