

David Grimm, Ph.D.
250 Waxter Way
Baltimore, MD 21217
410.728.4246
dgrimm@aaas.org

CURRICULUM VITAE

CURRENT POSITION

Online News Editor, *Science*, Washington, D.C.

EDUCATION

Doctor of Philosophy, Genetics. Yale University, New Haven, CT. 2004.

Bachelor of Science, Biochemistry and Cell Biology. Minor: Anthropology. University of California, San Diego. 1997. *Cum Laude*.

HONORS AND AWARDS

Keynote speaker, 5th International Symposium on Non-Surgical Contraceptive Methods of Pet Population Control. Portland, Oregon. June 20 - 22, 2013.

Honorable Mention, Humane Society's Genesis Awards. "Are Dolphins Too Smart For Captivity?" *Science*, April 29, 2011.

Ann Cottrell Free Animal Reporting Award, National Press Club, 2010. "A Cure for Euthanasia?" *Science*, September 18, 2009.

Honorable Mention, Humane Society's Genesis Awards. "Dog Dealer's Days May Be Numbered." *Science*, February 26, 2010.

Editor of winning entry and honorable mention, D.C. Science Writers Association Newsbrief Award, 2010

Honorable Mention, Humane Society's Genesis Awards. "A Cure for Euthanasia?" *Science*, September 18, 2009.

Story published in *The Best American Science and Nature Writing 2009*. "The Mushroom Cloud's Silver Lining." *Science*, September 12, 2008.

Finalist, Wistar Institute Science Journalism Award, 2009. "The Mushroom Cloud's Silver Lining." *Science*, September 12, 2008.

Fellow, Knight Digital Media Center, University of California, Berkeley. 2009.

Mass Media Fellow, American Association for the Advancement of Science. 2003.

Provost's Honors, University of California, San Diego. 1993 – 1997.

PROFESSIONAL EXPERIENCE

Science. 2004 – Present. Deputy news editor at the world's leading journal of original scientific research and science news.

- Managing editor of *Science's* online news presence, including the daily online news site, *ScienceNOW*, the policy blog, *ScienceInsider*, and the weekly live chat, *ScienceLive*. Assign several breaking news stories per day, covering advances in all realms of scientific research. Coordinate coverage with 40 staff writers and editors, and over 100 freelancers. Run lineup meetings. Meet multiple daily deadlines with art department, copyeditors, and production staff. Tape weekly podcast. Manage coverage from scientific meetings. Coordinate Twitter, Facebook, and other social media enterprises.
- Reporter for print magazine. Cover breaking news and write feature stories on new scientific discoveries.
- Promotion. Help coordinate news department's online marketing efforts, including viral marketing, social media, and content sharing relationships with several newspapers, including *The Washington Post*, *Wired*, and *The Huffington Post*.
- Development. Member of several working groups dedicated to positioning the magazine for the future, enhancing *Science's* online presence, securing funding for new projects, and implementing new designs and technologies.
- Supervisor. Manage Web editor and social media coordinator.
- Internship coordinator. Manage interns in D.C. office, run internship program with the UC Santa Cruz and Johns Hopkins science writing programs.

U.S. News and World Report. 2003. American Association for the Advancement of Science Mass Media Fellow. Wrote science and health stories for leading news weekly as part of highly-competitive journalism internship.

Breast Cancer Husband by Marc Silver. 2003 – 2004. Researcher. Interviewed health professionals and helped explain complex medical topics for book designed to provide support and information for the husbands of breast cancer patients.

Yale Daily News. 2002 – 2003. Writer. Wrote op-ed pieces on biweekly basis for Yale

University's daily newspaper. Topics included stem cell research, graduate student unionization, smoking bans, and national security.

Palimpsest. 2002 – 2003. Co-founder of Yale University literary and arts magazine. Editor of fiction section. Short story accepted for publication via anonymous submission.

B Magazine. 2000 – 2002. Co-founder of Yale University magazine covering graduate student life in the biological sciences. Editor of creative writing section. Frequent contributor of short story, op-ed, and news pieces.

BOOK

Grimm, David. *Citizen Canine: Our Evolving Relationship with Cats and Dogs*. New York: PublicAffairs, 2014. Non-fiction book on the changing status of cats and dogs in society, and the consequences of turning pets into people.

WEBSITE

davidhgrimm.com. Maintain website on changing status of cats and dogs in society. Blog bimonthly on related topics.

TEACHING EXPERIENCE

Johns Hopkins University, Baltimore, MD. 2010 – Present. Faculty. Master of Arts in Science Writing Program. Instructor for Science Stories, which is designed to teach students the skills of daily science news reporting and writing. Course was graduate-level from 2010-2012; now is undergraduate-level course.

New York University, New York, NY. 2011 – Present. Guest Lecturer. Teach graduate-level journalism course in the Science, Health and Environmental Reporting Program. Focus on science writing in the digital age.

University of Maryland, College Park, MD. 2010. Guest lecturer. Taught undergraduate journalism class on the principles and practices of news reporting. Focus on science writing.

Johns Hopkins University, Baltimore, MD. 2007 – 2009. Guest lecturer, Science Writing program. Lectured students in Science Stories course about writing for the web, where to find stories, pitching to editors, and the details of the editing process.

Career Development Workshops. 2005 – Present. Speaker and panelist at various professional development workshops for science writers. Lecture about the art of the pitch, where to find stories, and writing for the web.

Yale University, New Haven, CT. 2000. Teaching assistant for undergraduate course in biotechnology. Ran seminars and study sessions, proctored course, graded exams.

MEDIA

I have been interviewed by some of the country's top magazines and newspapers, including *Wired*, *National Geographic*, *Scientific American*, and *The Washington Post*. I have also appeared on more than two dozen radio programs, including several national and NPR shows. I have made multiple TV appearances as well.

RESEARCH EXPERIENCE

Yale University, New Haven, CT. 1998 – 2004. Graduate work culminating in Ph.D. in genetics. Laboratory research on the cellular and genetic basis of kidney disease. Published first-author papers in two major scientific journals. Presented work at international meetings and symposia. Two years of graduate-level coursework. Teaching assistant for undergraduate course in biotechnology.

The Salk Institute, La Jolla, CA. 1997 – 1998. Research assistant at top U.S. scientific institution. Work in cellular and molecular biology.

The UCSD Cancer Center, La Jolla, CA. 1996 – 1997. Research assistant in gene therapy laboratory at the University of California, San Diego.

Amgen, Thousand Oaks, CA. 1996. Summer intern at leading biotechnology company. Worked on cancer-related research.

PROFESSIONAL ASSOCIATIONS

National Association of Science Writers. 2003 – Present.

D.C. Science Writers Association. 2004 – Present. Member of board in 2007. Helped organize social events and professional development workshops.

HOBBIES AND INTERESTS

Travel, scuba diving, writing short fiction, learning acoustic guitar

SELECTED PUBLICATIONS

"How Far Should We Go To Save Our Pets?" *Slate*, July 27, 2014. The rising cost of veterinary care is creating ethical dilemmas for both owners and vets.

"How The Rising Status Of Cats And Dogs Could Doom Biomedical Research." *Popular Science*, May 21, 2014. Scientists fear that rights for cats and dogs could spill over to mice and lab rats, compromising cures for human disease.

"The Secret Language of Dog Play." *The Washington Post*, May 20, 2014. In canine play, researchers see honesty and deceit, perhaps something like morality.

"What are Cats Thinking?" *Slate*, April 21, 2014. Why it's so hard to study the feline mind.

"How Smart is That Doggy in the Window?" *Time*, April 12, 2014. Studying the canine mind can tell us a surprising amount about the evolution of our own intellect.

"Should Pets Have the Same Legal Rights as People?" *Wall Street Journal*, April 10, 2014. I explore the impact the rising legal status of cats and dogs is having on veterinarians and other small businesses.

"Lawsuits Seek 'Personhood' for Chimpanzees." *Science*, December 6, 2013. An animal rights group known as the Nonhuman Rights Project is attempting to get judges to declare that chimpanzees are legal persons and free them from captivity.

"Animals Among the Inmates." *The Bark*, Fall, 2013. A visit to the country's only pet shelter located inside a prison.

"Are Dolphins Too Smart For Captivity?" *Science*, April 29, 2011. A new movement seeks to end all dolphin research in zoos and aquariums, but critics say that could kill a productive field and hurt these animals in the wild.

"Dog Dealer's Days May Be Numbered." *Science*, February 26, 2010. Legislators want to shut down the pipeline of "random source" dogs and cats to laboratories, but some researchers worry about the impact on science.

"A Cure for Euthanasia?" *Science*, September 18, 2009. A nonsurgical sterilant could reduce the global population of homeless dogs and cats, but there hasn't been money to develop one—until now.

"Al Gore to Scientists: 'We Need You'." *Science*, February 20, 2009. At a meeting full of scientific celebrities, a former politician proved to be the greatest draw.

"A Bunch of Trouble." *Science*, November 14, 2008. The banana is endangered and largely ignored by funding agencies, researchers, and breeders. But things might finally be going its way.

"The Mushroom Cloud's Silver Lining." *Science*, September 12, 2008. Fallout from atomic bomb testing is helping to solve crimes and address some of the most controversial questions in biology.

"Staggering Toward a Global Strategy on Alcohol Abuse." *Science*, May 16, 2008. Alcohol is about to get the type of attention usually reserved for AIDS and malaria.

"Philip Morris Pulls the Plug on Controversial Research Program." *Science*, February 29, 2008. Philip Morris has ended a controversial 8-year-old program that supported research at dozens of U.S. universities.

"Cell Biology Meets Rolwing." *Science*, November 23, 2007. A diverse group of researchers wants to create a new discipline from scratch by bringing together experts in fascia and deep-tissue massage.

"This Man Wants to Green Your Lab." *Science*, October 5, 2007. Allen Doyle and his team spread the gospel of sustainability from lab to lab, but it's no easy task in the competitive world of research.

"UC Balks at Campus-Wide Ban on Tobacco Money for Research." *Science*, January 26, 2007. Concerned about academic freedom, the University of California has delayed voting on a plan to impose a blanket ban on research funding from tobacco companies.

"A Mouse for Every Gene." *Science*, June 30, 2006. A global initiative to knock out every mouse gene struggles to get its act together.

"A Cure for the Common Trial." *Science*, May 12, 2006. A new journal aims to alleviate bias in clinical trials reporting, but some question whether it's the remedy the field needs.

"Spending Itself Out of Existence, Whitaker Brings a Field to Life." *Science*, February 3, 2006. The Whitaker Foundation took on the job of turning a fledgling field into a scientific heavyweight--and succeeded. But what happens to biomedical engineering now?

"'Security Breach' Leaks NIH Grant Applications Onto Web." *Science*, October 28, 2005. One hundred and forty grant applications submitted to at least one NIH study section were recently released onto nonsecure Web pages; NIH has been mum about the leaks.

"Suggesting or Excluding Reviewers Can Help Get Your Paper Published." *Science*, September 23, 2005. According to three studies, either suggesting or excluding reviewers can significantly increase a manuscript's chances of being accepted.

"Global Spread of Leprosy Tied to Human Migration." *Science*, May 13, 2005. Microbiologists use rare DNA differences among leprosy strains culled from various corners of the world to infer an East African or Near East origin of the disease.

"Is Tobacco Research Turning Over a New Leaf?" *Science*, January 7, 2005. Scientists developing reduced-harm tobacco products increasingly rely on tobacco industry funding, but some universities and grant organizations want to forbid it.

"The Burning Tobacco Question." *Financial Times*, January 6, 2005. Should tobacco companies fund scientific research?

"Hong Kong, Finland Students Top High School Test of Applied Skills." *Science*, December 10, 2004. Students in Hong Kong, Finland, and Korea excel in applying the science and math concepts they've learned, whereas U.S. students trail their peers.

"Science Weathers the Storms." *Science*, October 1, 2004. Researchers at southeastern U.S. universities and institutions struggle to keep their work on track in the wake of recent hurricanes.

"Sportfishers on the Hook for Dwindling U.S. Fish Stocks." *Science*, August 27, 2004. New findings are likely to fuel debate over proposals to bar recreational anglers from some coastal waters.

"Ills from the Womb." *U.S. News & World Report*, September 15, 2003. Diseases blamed on lifestyle may start before birth.

"The New Street Smarts." *U.S. News & World Report*, August 18, 2003. Intelligent technologies for cars and roads aim to curb driver error.

"Good News on Ozone." *U.S. News & World Report*, August 11, 2003. The ozone layer is starting to show the first signs of recovery.

"Baby Pigment Peril." *U.S. News & World Report*, August 4, 2003. Will a new drug help a serious complication or just make things worse?

SCIENTIFIC PUBLICATIONS

Grimm DH, Karihaloo A, Cai Y, Somlo S, Cantley LG, Caplan MJ. Polycystin-2 regulates proliferation and branching morphogenesis in kidney epithelial cells. *Journal of Biological Chemistry*. 2006;281:137-44.

Chauvet V, Tian X, Husson H, Grimm DH, Wang T, Hiesberger T, Igarashi P, Bennett AM, Ibraghimov-Beskrovnaya O, Somlo S, Caplan MJ. Mechanical stimuli induce cleavage and nuclear translocation of the polycystin-1 C terminus. *Journal of Clinical Investigation*. 2004;114:1433-43.

Grimm DH, Cai Y, Chauvet V, Rajendran V, Zeltner R, Geng L, Avner ED, Sweeney W, Somlo S, Caplan MJ. Polycystin-1 distribution is modulated by polycystin-2 expression in mammalian cells. *Journal of Biological Chemistry*. 2003;278:36786-93.

REFERENCES

Available upon request.