

JEFFREY M. PERKEL Ph.D.

+1.610.505.4684 | jeff@jeffreyperkel.com | <http://jeffreyperkel.com>

PROFESSIONAL EXPERIENCE

2016 Technology Editor, *Nature*
2006–2016 Freelance Science Journalist
2012–Pres. Contributing writer, *BioTechniques*
2013–2015 Managing editor, scientific content, *Biocompare.com*
2012–2014 Blogger, *Double X Science*
2006–2008 Adjunct Assistant Professor (Biological Sciences), Idaho State Univ., Pocatello
2006 Correspondent, *The Scientist*
2000–2006 Senior Editor (Technology), *The Scientist*, Philadelphia

EDUCATION

1999–2000 Postdoctoral fellow, Univ. of Pennsylvania
1997–1999 Postdoctoral fellow, Harvard Medical School
1997 PhD, Cell & Mol. Biol., Univ. of Pennsylvania
1991 BS, Microbiology, Univ. of Massachusetts, Amherst

SELECTED FREELANCE CLIENTS

American Chemical Society	<i>Nature Methods</i>
<i>Biocompare.com</i>	<i>NOVA Next</i>
<i>BioTechniques</i>	<i>Reuters Health</i>
<i>HealthDay News</i>	<i>Science</i>
<i>HHMI Bulletin</i>	<i>Scientific American Online</i>
<i>Nature</i>	<i>The Scientist</i>
<i>Nature Biotechnology</i>	The University of Pennsylvania

SELECTED SCIENCE WRITING PUBLICATIONS (20 of >500 articles)

1. “NIH dengue vaccine leaps into phase 3 studies,” *Nature Biotechnology*, 34:449, May 6, 2016. [<http://www.nature.com/nbt/journal/v34/n5/full/nbt0516-449.html>]
2. “The struggle with image glut,” *Nature*, 533, 131–2, May 5, 2016. [<http://www.nature.com/news/the-struggle-with-image-glut-1.19834>]
3. “Xenotransplantation makes a comeback,” *Nature Biotechnology*, 34:3–4, Jan. 8, 2016. [<http://www.nature.com/nbt/journal/v34/n1/full/nbt0116-3.html>]
4. “Single-cell biology: The power of one,” *Science*, 350:696–8, Nov. 6, 2015. [http://www.sciencemag.org/site/products/lst_20151106.xhtml]

5. "Single molecule enzymology finds its stride," *BioTechniques*, 59[4]:183–7, October 2015.
[http://www.biotechniques.com/multimedia/archive/00250/BTN_A_000114337_O_250997a.pdf]
6. "Programming: Pick up Python," *Nature*, 518:125–6, Feb. 5, 2015.
[<http://www.nature.com/news/programming-pick-up-python-1.16833>]
7. "Scientific writing: The online cooperative," *Nature*, 514:127–8, Oct. 2, 2014.
[<http://www.nature.com/news/scientific-writing-the-online-cooperative-1.16039>]
8. "Mapping neural connections," *BioTechniques*, 57[5]:230–6, November 2014.
[http://www.biotechniques.com/multimedia/archive/00245/BTN_A_000114224_O_245905a.pdf]
9. "The simple medical diagnostics that are changing healthcare," *NOVA Next*, Sept. 17, 2014. [<http://www.pbs.org/wgbh/nova/next/tech/affordable-diagnostics/>]
10. "Cell culture's spider silk road," *BioTechniques*, 56[5]:284–8, June 2014.
[http://www.biotechniques.com/multimedia/archive/00232/BTN_A_000114175_O_232891a.pdf]
11. "The antibody challenge," *BioTechniques*, 56[3]:111–4, March 2014.
[http://www.biotechniques.com/multimedia/archive/00231/BTN_A_000114143_O_231867a.pdf]
12. "Decoding protein structure, one femtosecond at a time," *BioTechniques*, 56:55–8, February 2014.
[http://www.biotechniques.com/multimedia/archive/00231/BTN_A_000114131_O_231427a.pdf]
13. "Assume nothing: The tale of circular RNA," *BioTechniques*, 55:55–7, August 2013.
[<http://www.biotechniques.com/BiotechniquesJournal/2013/August/Assume-Nothing-The-Tale-of-Circular-RNA/biotechniques-345745.html>]
14. "Visiting 'Noncodarnia'," *BioTechniques*: 54:301–4, June 2013.
[<http://www.biotechniques.com/BiotechniquesJournal/2013/June/Visiting-Noncodarnia/biotechniques-343933.html>]
15. "Mass spec imaging: From bench to bedside," *Science*, 340:1119–21, May 31, 2013.
[http://www.sciencemag.org/site/products/1st_20130531.xhtml]
16. "Finding the true \$1000 genome," *BioTechniques*, 54:71–4, February 2013.
[<http://www.biotechniques.com/BiotechniquesJournal/2013/February/Finding-the-true-1000-genome/biotechniques-339764.html>]
17. "Streamlined engineering for synthetic biology," *Nature Methods*, 10:39–42, January 2013.
[<http://www.nature.com/nmeth/journal/v10/n1/full/nmeth.2304.html>]
18. "Genomics 101," *The Scientist*, 26[12]:20 – 2, December 2012.
[<http://www.the-scientist.com/?articles.view/articleNo/33358/title/Genomics-101/>]
19. "Microscopy boot camp," *The Scientist*, 26[4]:19, April 2012.
[<http://the-scientist.com/2012/04/01/microscopy-boot-camp/>]

20. "Curing cell lines," *BioTechniques*, 51[2]:85–90, August 2011.
[<http://www.biotechniques.com/BiotechniquesJournal/2011/August/Curing-Cell-Lines/biotechniques-319510.html>]

PEER-REVIEWED PUBLICATIONS

1. J.M. Perkel et al., "Identification of a *c-myb* attenuator-binding factor," *Leukemia Res*, 26[2]:179, 2002. [PMID: [11755468](#)]
2. J.M. Perkel, M.L. Atchison, "A two-step mechanism for recruitment of Pip by PU.1," *J Immunol*, 160:241, 1998. [PMID: [9551977](#)]
3. R.C. Fisher et al., "Normal myeloid development requires both the glutamine-rich transactivation domain and PEST region of transcription factor PU.1 but not the potent acidic transactivation domain," *Mol Cell Biol*, 18:4347, 1998. [PMID: [9632818](#)]
4. I. Okabe et al., "Cloning of human and bovine homologs of SNF2/SWI2: A global activator of transcription in yeast *S. cerevisiae*," *Nucleic Acids Res*, 20:4649, 1992. [PMID: [1408766](#)]

PROFESSIONAL SERVICE

Member, NASW Grants Committee (2010–present; chairperson, 2015–present)
Member, NASW Workshop Committee, (2012–present)
Member, NASW Freelance Committee (2009–present)
Moderator, organizer, and panelist, ScienceWriters 2015
"Funds for all: How to win an NASW Idea Grant"
Moderator, organizer, and panelist, ScienceWriters 2010
"Productive freelancing: Starting a business and keeping it productive"

GRANTS & AWARDS

NASW Freelance Travel Fellowship (2009)
ISU Podcasting "Mini-Grant" (2006)
NIH Individual National Research Scholar Award (1999)
William F. Field Alumni Scholar, University of Massachusetts (1990)

PROFESSIONAL SOCIETIES

Association of Health Care Journalists (2010–present)
National Association of Science Writers (2001–present)