

Sarah Lewin

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@SarahExplains

Science and Explanatory Writing Experience

Freelance writer: Scientific American, The Scientist, Johns Hopkins Medicine Magazine, Quanta Magazine, IEEE Spectrum, Scholastic SuperScience and MATH Magazine, the Baltimore Symphony Orchestra's Overture Magazine, the Yavapai Signal, the Brown Daily Herald. I also co-wrote/edited a review paper at Massachusetts General Hospital and edited The Triple Helix, a science in society magazine at Brown University.

Freelance fact-checker: Quanta Magazine, Science Friday

Editorial Intern, Scientific American

Spring 2015

- Pitched and wrote stories for *Advances* section of the magazine as well as online news articles
- Edited complex online articles for clarity and structure, smoothed language of translated articles; dedicated editor of twice-weekly "Extinction Countdown" blog
- Wrote the monthly magazine "Quick Hits" section spotlighting timely news from around the world

Web Intern, Science Friday

Fall 2014

- Dug up mummies, calculators, souffles, and mold for online features and Picture of the Week articles
- Rigorously fact-checked freelance articles and offered suggestions to improve accuracy
- Pitched ideas and research to be explored on the radio show each Friday

Editorial Intern, IEEE Spectrum

Summer 2014

- Balanced technical detail and readability while writing magazine and online pieces about holograms, thinking cars, and supercomputers, as well as writing contributor biographies and photo captions
- Designed and produced a detailed interactive data visualization (chosen as Tableau's "Viz of the Day" Dec 10, 2014) and contributed to its print analogue
- Took over as blog czar: scheduling, formatting, and editing all online posts on given days

Physical Sciences Editor and Multimedia Editor, Scienceline.org

Spring through Fall 2014

- Edited articles on everything from astrophysics to a new kind of notebook for Scienceline's readership of one million unique visitors per year
- Contributed researched articles and informal blog posts on topics including poking microscopic cells, quick thinking in space, and the sun's curious silence

Temporary Science Writer, Boston Children's Hospital

Summer 2013

- Pitched, researched, and wrote technology, research innovation, and biology stories for Vector, Boston Children's Hospital's research blog
- Wrote and monitored social media promoting the blog on Twitter, Facebook, and Google Plus
- For two weeks took control of Vector, doing everything from organizing the post schedule to collecting final drafts from staff and freelancers to formatting Wordpress posts and publishing

Intern, NOVA Research Unit, WGBH

Summer 2012

- Demystified swarm robotics and wrote a five-part series on cryptography for the InsideNOVA Blog
- Researched background information for TV episodes and found episode ideas hidden in science news

Skills

Data visualization, HTML/CSS, Javascript, code-breaking, Final Cut Pro, Audacity, Adobe Photoshop, teaching math and robotics, creating and organizing databases with Python and Microsoft Excel, arcane mathematics, and improv comedy.

Education

New York University; M.A: Science, Health and Environmental Reporting Program

Graduated Dec 2014

Brown University, Providence, RI; A.B. Mathematics

Graduated May 2013

Awards

- 2014: National Academies Keck Futures Initiative (NAKFI) Science Writing Scholarship
- 2013: Maria Bartiromo Fellowship for Journalism
- 2009: National Merit Scholar, Eugene M. Denk Award for Proficiency in Mathematics