

Experience

Freelance Science Writer

2014-Present

Select Work (Links to these and other articles available at amandabkeener.journoportfolio.com)

- Unseen scars of childhood trauma. *Knowable Magazine*, January, 2021.
- How extracellular vesicles can enhance drug delivery. *Nature Outlook*, June, 2020.
- Four ways researchers are responding to the COVID-19 outbreak. *Nature Medicine*, February, 2020.
- Mom's immune system and microbiome may help predict premature birth. *Science News*, November, 2019.
- Should You Screen Your Child for Celiac Disease? *NYT Parenting*, November, 2019.
- Single-cell sequencing edges into clinical trials. *Nature Medicine*, August, 2019.
- Pre-eclampsia Symptoms, Treatment and Prevention. *NTY Parenting*, May, 2019.
- The genetic shortcut to antibody drugs. *Nature Outlook*, December, 2018.
- Just the messenger: A new class of therapeutics instruct the body to make its own drugs. *Nature Medicine*, September, 2018.
- Answers in the Exome. *The Scientist*, May, 2018.
- Into the Breach/Getting Drugs Past the Blood-Brain Barrier. *The Scientist*, November, 2017.
- Host with the most: Targeting host cells instead of pathogens to fight infectious disease. *Nature Medicine*, May, 2017.
- Unlikely Allies/Immune System Maintains Brain Health. *The Scientist*, November 2016.
- The 'Quantum Theory' of Cancer Treatment. *Nova Next*, July 2016.
- Zika and Dengue Immunity: A Complex Relationship. *The Scientist*, June 2016.
- Tackling the brain: Clues emerge about the pathology of sports-related brain trauma. *Nature Medicine*, April 2016.
- Tumor-Fighting Drugs Take on Tuberculosis. *Nova Next*, July 22 2015.

Intern, *The Scientist*

May-September 2015

Philadelphia, PA

Reported and wrote news and feature stories for daily web and monthly print publication. Maintained social media accounts and edited and fact-checked stories.

Intern, *Nature Medicine*

June-August 2014

New York, NY

Wrote news, feature stories and blog posts for monthly publication. Wrote and recorded podcast segment. Edited and fact checked other writers' stories.

Intern, *The Journal of Clinical Investigation*

2012-2014

Philadelphia, PA

Contributed research summaries for Scientific Show Stoppers blog. Edited article abstracts and wrote press releases about primary research articles on a weekly basis.

Blog writing

- ImmYOUology (immyouology.wordpress.com). A blog I started to relate current concepts and research in immunology to everyday life.
- "Got allergies? Try worms." Scizzle Blog, March 24, 2014
- "Trend setters: Innate lymphoid cells in immune tolerance," Scizzle Blog, May 1, 2014

Contributor, *Compass Media, Inc.*

October, 2013-May, 2014

Gulf Shores, AL

Wrote monthly travel articles for southern tourism website, visitsouth.com

Contributor, *Night and Day Magazine*

2004-2010

Spring Lake, NJ

Wrote entertainment and leisure articles and food reviews for magazine reaching 50,000 readers.

Amanda B. Keener, PhD
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Graduate student researcher, Department of Microbiology and Immunology **2008-2014**
UNC Chapel Hill, Chapel Hill, NC

Research Trainee, Lab of Dr. Terrie Rife **May-August 2007**
James Madison University, Harrisonburg, VA
National Science Foundation's Research Experience for Undergraduates

Lab Assistant, Lab of Dr. Matthew Hardy **June-August 2005**
Rockefeller University Population Council, New York, NY

Education

Doctorate, Microbiology and Immunology **September, 2014**
UNC Chapel Hill, Chapel Hill, NC
Advisor: Dr. Barbara Vilen
Thesis: B Cell Responses to *Staphylococcus aureus* infection

Bachelors of Science, Biology, Minor Chemistry (GPA, 3.7) **May, 2008**
Sweet Briar College, Sweet Briar, VA
Study abroad, University of St. Andrews, St. Andrews, Fife, Scotland **January-May, 2007**

Activities and Awards

Member, National Association of Science Writers
Research trainee, Howard Hughes Medical Institute Med-into-Grad Translational, 2009-2014
Trainee, National Institutes of Health Basic Immune Mechanisms, 2012-2014
Member and former chapter Vice President of Alpha Lambda Delta, Sweet Briar College Chapter
Member, Phi Beta Kappa, Sweet Briar Chapter
Awardee, the Sweet Briar College President's Office Student Research and Creative Endeavors Grant