

## **Experience**

**Writing Contractor, The National Academy of Sciences** **March 2023 - Present**  
Washington, D.C.

Produce summaries of upcoming primary scientific articles for the front-of-book section of the *Proceedings of the National Academy of Sciences* and for media use.

**Freelance Science Writer** **2014 - Present**

**Select Work** (Links to these and other articles available at [amandabkeener.journoportfolio.com](http://amandabkeener.journoportfolio.com))

- SGLT2 inhibitors breathe life into kidney-disease care. *Nature Outlook*, Apr., 2023.
- The Best Pregnancy Test. *The New York Times Wirecutter*, Aug., 2022.
- A repurposed TB vaccine shows early promise against diseases like diabetes and MS, *Science News*, Jun., 2021.
- Unseen scars of childhood trauma. *Knowable*, Jan., 2021.
- How extracellular vesicles can enhance drug delivery. *Nature Outlook*, Jun., 2020.
- Four ways researchers are responding to the COVID-19 outbreak. *Nature Medicine*, Feb., 2020.
- Mom's immune system and microbiome may help predict premature birth. *Science News*, Nov., 2019.
- Should You Screen Your Child for Celiac Disease? *The New York Times Parenting*, Nov., 2019.
- Pre-eclampsia Symptoms, Treatment and Prevention. *The New York Times Parenting*, May, 2019.
- The genetic shortcut to antibody drugs. *Nature Outlook*, Dec., 2018.
- Humanizing Immunology (Q and A with Immunologist Mark Davis). *Knowable*, Sept., 2018.
- Just the messenger: A new class of therapeutics instruct the body to make its own drugs. *Nature Medicine*, Sept., 2018.
- Uncovering cancer: How enlisting T cells can boost the power of immunotherapy. *Nature Medicine*, Sept., 2017.
- Unlikely Allies/Immune System Maintains Brain Health. *The Scientist*, Nov., 2016.
- The 'Quantum Theory' of Cancer Treatment. *Nova Next*, Jul., 2016. (Runner up for the 2017 AACR June L. Biedler Prize for Cancer Journalism)
- Tackling the brain: Clues emerge about the pathology of sports-related brain trauma. *Nature Medicine*, Apr., 2016.
- Tumor-Fighting Drugs Take on Tuberculosis. *Nova Next*, Jul., 2015.
- Arrests reveal debate about costs and benefits of proton therapy. *Nature Medicine*, Oct., 2014.

**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

**Amanda B. Keener, PhD**  
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**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.

**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