

DR. LOREE GRIFFIN BURNS

www.loreeburns.com

Education

- M.F.A Creative Writing, Bay Path University, Longmeadow, MA (spring 2020)
- Ph.D Biochemistry, University of Massachusetts Medical School, Worcester, MA
- B.S. Biotechnology, High Distinction, Worcester Polytechnic Institute, Worcester, MA

Classroom Teaching Experience

- 2019 Teaching Internship, Bay Path University, *Introduction to Creative Nonfiction*
- 2007-2019 K-12 enrichment and literacy educator, working with 10-20 schools per year
- 1996-1997 Adjunct Assistant Professor, Master of Natural Science Program, Worcester Polytechnic Institute, Worcester, MA

Invited Lectures and Teaching Residencies

- 2015 Writer's Loft, Visiting Instructor
- 2014 Resident Faculty, Highlights Foundation Science & Nature Writing Program

Additional Relevant Experience

Freelance writer specializing in the engagement of readers with science and the environment through deeply researched trade books and journal articles.

Public speaker, engaging audiences with science and its practice through lectures, workshops, and community literacy programs.

Publications (Magazines, Literary Journals, and Anthologies)

Wild Bounty, *Edible Worcester*, Winter 2020

What the Ocean Carries, *Flyway: Journal of Writing and Environment*, Spring 2019

Big Night for Frogs and Salamanders, *Yankee Magazine*, March/April 2019

The Code Wars, in *1968: Today's Authors Explore a Year of Rebellion, Revolution, and Change* (Candlewick, 2018)

Publications (Trade Books for Children and Young Adults)

Come on a Dragon Hunt: Studying Your Insect Neighbors (Charlesbridge, expected 2023)

Honeybee Rescue: A Backyard Drama (Charlesbridge, expected 2022)

You're Invited to a Moth Ball: A Nighttime Insect Celebration (Charlesbridge, 2020)

Life on Surtsey, Iceland's Upstart Island (Houghton Mifflin Harcourt, 2017)

Beetle Busters: A Rogue Insect and the People Who Track It (Houghton Mifflin, 2014)

Handle with Care: An Unusual Butterfly Journey (Millbrook, 2014)

Citizen Scientists: Be Part of Scientific Discovery from Your Own Backyard (Henry Holt, 2012)

The Hive Detectives: Chronicle of a Honey Bee Catastrophe (Houghton Mifflin, 2010)

Tracking Trash: Flotsam, Jetsam, and the Science of Ocean Motion (Houghton Mifflin, 2007)

Publications (Academic)

Burns, L.G. and C. Peterson. The Yeast SWI/SNF Complex Facilitates Binding of a Transcriptional Activator to Nucleosomal Sites in Vivo. *Molecular and Cellular Biology*, (1997), 17 (8): 4811-4819.

Burns, L.G. and C. Peterson. Protein Complexes for Remodeling Chromatin. *Biochemica et Biophysica Acta*, (1997) 1350 (2): 159-168.

Reese, J.C., Apone, L., Walker, S.S., Griffin, L.A. and M. R. Green. Yeast TAF IIs in a Multisubunit Complex Required for Activated Transcription. *Nature* (1994) 371: 523-527.

Adams, D.S, Griffin, L.A., Nachajko, W.R., Reddy, V.B. and C.M. Wei. A Synthetic DNA Encoding a Modified Human Urokinase Resistant to Inhibition by Serum Plasminogen Activator Inhibitor. *Journal of Biological Chemistry* (1991) 266: 8476-8482.

Selected Speaking Engagements

National Science Teachers Association annual conference, presenter
National Council of Teachers of English annual conference, presenter
March Into Reading Literary Festival, featured author
Rhode Island Science Teachers Association, keynote speaker
Touch Tomorrow at WPI, featured presenter
Boston's Museum of Science, featured presenter

Selected Awards and Honors

Notes from the Field Nonfiction Award, Flyway Journal, for *What the Ocean Carries*
Science Books & Film (SB&F) Prize for Excellence in Science Books, for *Citizen Scientists*
Orbis Pictus Honor Award, for *Citizen Scientists*
Green Earth Book Award, for *Citizen Scientists*
Science Books & Film (SB&F) Prize for Excellence in Science Books, for *The Hive Detectives*
International Reading Association (IRA) Children's Book Award, for *Tracking Trash*
Boston Globe-Horn Book Honor Award, for *Tracking Trash*
SCBWI Work-In-Progress grant, for the unpublished *Wee Beasties*

Professional Affiliations

The Author's Guild
American Association for the Advancement of Science

Other Interests and Volunteer Work

English-language haiku, studied with Haiku Master Clark Strand
Organic vegetable gardening and homesteading
Beekeeping
Women's Impact Network, an alumni organization of Worcester Polytechnic Institute
Lifespan education programming, UU Church of Worcester