

Eric S. Hamilton

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EDUCATION

Washington University in St. Louis *Ph.D., Plant Biology*, 2016

Case Western Reserve University *B.S. Biology; B.A. Chemistry, summa cum laude*, 2012

EXPERIENCE

Milwaukee *Journal Sentinel*—*AAAS Mass Media Fellow*, 2015

- Full-time science reporter on the newspaper's local desk who wrote multiple front-page articles about rising Lake Michigan water levels, laser ablation surgery halting 30 years of disruptive seizures, and how climate change is altering allergy seasons.
- Covered university research and local scientific institutions and found science angles to local-interest stories, including the physics of illegal baseball pitches and how a local brewery produces gluten-free beer. Focused on environmental coverage, such as tracking both invasive and endangered species and monitoring the health of area waterways.

Donald Danforth Plant Science Center—*Freelance writer*, 2016

- Interviewed senior author of research article to write media-oriented press release and public-oriented blog post on a new gene providing “molecular memory” of light exposure in plants.

Washington University in St. Louis—*Freelance writer*, 2015

- Wrote press release to accompany my research on pollen stress responses published in *Science*; article covered by multiple outlets and selected as Editor's Choice by *The Scientist*.

The Observer—*Staff Writer*, 2012

- Covered university events and research, and Cleveland cultural developments for the weekly student newspaper of Case Western Reserve University.

SCIENTIFIC RESEARCH AND OUTREACH

Thesis research: Mechanical sensation and stress responses in pollen

- Lead author of original research article published in the journal *Science* and an in-depth review of the primary literature published in the journal *Annual Review of Plant Biology*.
- Wrote the script, narrated, and edited animated video to accompany *Science* press packet.

Ultra-Condensed Science, “Why don't plants grow upside down?”—*Writer and host*, 2016

- Wrote the script and storyboard, and hosted animated video on plant gravity research produced by Washington University in St. Louis for science outreach multimedia project.

Science on Tap—*Assistant organizer*, 2013-Present

- Assist in advertising, programming, and evaluation for monthly, free Washington University in St. Louis scientific seminar series at a local brewery; attendance averages 190.

Gateway Greening—*Science outreach presenter*, 2013-Present

- Present regular seminars at gardens, meetings, and breweries on plant science to St. Louis urban gardening organization, including on crop domestication and the gardening of beer.

National Science Foundation Innovation in Graduate Education—*Third place essay*, 2013

- Co-authored essay calling for outreach training for graduate students, and gave invited talk at University of Missouri, Columbia science outreach symposium on the proposed course.