



Erica
Littman

Junior Specialist, Content Creator



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ABOUT ME

Experienced writer, web-content manager, and biologist with excellent communication and interpersonal skills.

Stemming from a life-long passion for writing, I am currently looking to shift my professional focus to the field of writing and communications. I value on-the-job learning, mentor-mentee relationships, and the opportunity to create content.

EDUCATION

B.A.: Biological Sciences; Cell Biology and Physiology
Minor: Cross-Genre Creative Writing;
Poetry, Fiction, Non-fiction
Northwestern University
2016-2020

SKILLS

- Static website development using markdown language, Git, & Hugo
- SEO experience, Google Analytics
- R-Studio, Prism
- Data synthesis & analysis
- Content creation, social media management, & copywriting
- Creative writing, technical writing, laboratory reporting, & proposal writing
- PC Design and Assembly
- Small scale horticulture

EXPERIENCE

Junior Specialist

University of California, Davis, Laboratory of Dr. Walter S. Leal / Davis, CA / September 2020 - Present

Analyze insect genotypes and phenotypes and reactions when exposed to repellents such as DEET and γ -Octolactone to develop sustainable pesticides.

- Manage and maintain large colonies of mosquitos
- Perform gene silencing and genetic knockout experiments
- Develop and test novel molecular constructs and perform genetic cloning

Content Creator & Manager

Lighting Reimagined / Schaumburg, IL / Full Time: December 2019 – September 2020; Part Time: September 2020 - Present

Manage the social media presence and create promotional, editorial, and educational content for the Lighting Reimagined website.

- Managed the social media accounts of Lighting Reimagined
- Content creator for Lighting Reimagined website
- Online inventory management, inventory organization during Lighting Reimagined website redesign, assist with website redesign

Research Assistant

Northwestern University, Laboratory of Dr. Erica Hartmann / Evanston, IL / February 2018 – June 2020

Evaluate the genetic factors involved in multidrug resistance in strains of *Pseudomonas* to characterize the mexAB-oprM operon.

- Conduct gDNA extractions for whole genome sequencing
- Add content to and edit *Wikipedia* pages
- Identify homologous genes across strains of *Pseudomonas* conferring antibiotic resistance