

Michelle V. Evans

GRADUATE STUDENT · DISEASE ECOLOGY

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Education

Ph.D Integrative Conservation and Ecology

ODUM SCHOOL OF ECOLOGY

- *Advisors:* John Drake & Courtney Murdock

Athens, GA

2015- present

B.A. Environmental Studies (Ecology) & African Studies

WASHINGTON UNIVERSITY IN ST. LOUIS

- awarded *magna cum laude* honors
- *Honors Thesis:* The relative strength of top-down and bottom-up trophic dynamics in the context of habitat isolation

St. Louis, MO

2007-2011

Experience

University of California - Santa Cruz

WEST NILE VIRUS RESEARCH TECHNICIAN

- Conducted mosquito surveys in wetlands, trapping mosquitoes using CDC light traps
- Identified and sorted mosquito samples for West Nile Virus testing
- Navigated to sites using GPS devices and maps

Browns Valley, CA

June - Sept. 2014

Peace Corps

AGROFORESTRY ADVISOR

- Planned and implemented water management techniques with a women's gardening cooperative of 2 hectares
- Reforested 11 hectares of degraded land, collaborating with a local NGO and 51 youth volunteers
- Organized and co-presented a biodiversity conference, involving over 65 professors, researchers, government agents, and local stakeholders
- Designed and conducted multiple trainings on various agricultural and natural resource management topics, encompassing over 400 participants

Guinea, West Africa

Nov. 2011 - Feb. 2014

Tyson Research Center, Washington University in St. Louis

UNDERGRADUATE RESEARCH FELLOW, *Supervisor: Dr. Jonathan Chase, Associate Professor*

- Applied for and received a competitive research fellowship to design and conduct an independent research project
- Conducted pond surveys throughout Missouri, carrying equipment through forested terrain
- Performed laboratory duties, including identifying and counting aquatic macroinvertebrates and zooplankton and maintaining a species library
- Active member of laboratory meetings planning future research

St. Louis, MO

Sep. 2012 - Feb. 2013

Extracurricular Activity

OUTREACH

Center for Undergraduate Research Opportunities Symposium

VOLUNTEER CONVENER

Athens, GA

Apr. 2016

EcoReach

VOLUNTEER LEADER

Athens, GA

Jan. 2016 - Present

DEPARTMENTAL SERVICE

Leadership Experience & Honors

AWARDS

2015 **1st Place Rapid Fire Talk**, Odum School of Ecology Graduate Student Symposium

Athens, GA

GRANTS & FELLOWSHIPS

2016 **\$1,416.00**, Odum Small Grants

Athens, GA

2016 **\$138,000.00**, NSF Graduate Research Fellowship (3 Yrs Funding)

Athens, GA

2015 **\$131,625.00**, UGA Graduate School Presidential Fellowship (5 Yrs Funding)

Athens, GA

2013 **\$198.26**, Small Project Assistance Grant

Guinea, West Africa

2010 **\$4,500.00**, Summer Undergraduate Research Fellowship

St. Louis, MO

2010 **\$1,000.00**, Teagle Foundation ExxonMobil Scholarship

St. Louis, MO

2007 **\$1,000.00**, Teagle Foundation ExxonMobil Scholarship

St. Louis, MO

Presentations

- **Evans, Michelle V.**, Miazgowicz, Kerri, Tesla, Blanka, Murdock, Courtney C. June 2016. "Microclimate and mosquitoes across an urban gradient". Ecology and Evolution of Infectious Disease 14th Annual Meeting, Ithaca, NY.
- **Evans, Michelle V.** and Courtney C. Murdock. February 2016. "Urbanization and vector-borne disease". Symposium for Integrative Conservation, Athens, GA.
- **Evans, Michelle V.** and Courtney C. Murdock. January 2016. "Mosquito dynamics across an urban gradient". Odum School of Ecology, Graduate Student Symposium, Athens, GA.
- **Evans, Michelle V.**, Woods, Lauren M., Chase, Jon M. October 2010. "The effects of isolation and nutrients on community biomass". Washington University in St. Louis Undergraduate Research Symposium, St. Louis, MO.
- **Evans, Michelle V.** May 2010. "Fighting bombs with books: an assessment of the dynamite fishing education program in Ushongo, Tanzania". School for International Training Symposium, Arusha, Tanzania.

Skills

Entomology	Adult & larval mosquito surveys. Blood feeding. Adult identification
Programming	R, ArcGis, QGis, LaTeX
Language	Advanced French, Basic Malinké, Intermediate Swahili