

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

Skills

Entomology

Adult & larval mosquito surveys. Blood feeding. Adult identification

Programming

R, ArcGis, QGis, LaTeX

Language

Advanced French, Basic Malinké, Intermediate Swahili

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

Leadership Experience & Honors

AWARDS

- 2015 **1st Place Rapid Fire Talk**, Odum School of Ecology Graduate Student Symposium
- 2012-2013 **Resource Manager**, Food Security Task Force
- 2008-2011 **Dean's List**, Washington University in St. Louis

Athens, GA

Guinea, West Africa

St. Louis, MO

GRANTS & FELLOWSHIPS

2016	Recipient , NSF Graduate Research Fellowship (3 Yrs Funding)	<i>Athens, GA</i>
2015	Recipient , UGA Graduate School Presidential Fellowship (5 Yrs Funding)	<i>Athens, GA</i>
2013	Recipient , Small Project Assistance Grant	<i>Guinea, West Africa</i>
2010	Recipient , Summer Undergraduate Research Fellowship	<i>St. Louis, MO</i>
2007, 2010	Recipient , Teagle Foundation ExxonMobil Scholarship	<i>St. Louis, MO</i>

Presentations

“Urbanization & Vector-Borne Disease” SYMPOSIUM FOR INTEGRATIVE CONSERVATION	<i>Athens, GA</i> <i>Feb. 2016</i>
“Mosquito dynamics across an urban gradient” ODUM SCHOOL OF ECOLOGY, GRADUATE STUDENT SYMPOSIUM	<i>Athens, GA</i> <i>Jan. 2016</i>
“The effects of isolation and nutrients on community biomass” WASHINGTON UNIVERSITY IN ST. LOUIS UNDERGRADUATE RESEARCH SYMPOSIUM	<i>St. Louis, MO</i> <i>Oct. 2010</i>
“Fighting bombs with books: an assessment of the dynamite fishing education program in Ushongo, Tanzania” SCHOOL FOR INTERNATIONAL TRAINING SYMPOSIUM	<i>Athens, GA</i> <i>May 2010</i>