

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

Trapped and identified mosquitos in Northern California wetlands and later sorted them for blood testing.
LIST SOME MORE?

Programming Language

R, ArcGis, QGis, LaTeX
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 **Best 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

2015-2020 **Recipient**, UGA Graduate School Presidential Fellowship
2013 **Recipient**, Small Project Assistance Grant
2010 **Recipient**, Summer Undergraduate Research Fellowship
2007, 2010 **Recipient**, Teagle Foundation ExxonMobil Scholarship

Athens, GA
Guinea, West Africa
St. Louis, MO
St. Louis, MO

Presentations

"Mosquito dynamics across an urban gradient"
ODUM SCHOOL OF ECOLOGY, GRADUATE STUDENT SYMPOSIUM

Athens, GA
Jan. 2016

"The effects of isolation and nutrients on community biomass"
WASHINGTON UNIVERSITY IN ST. LOUIS UNDERGRADUATE RESEARCH SYMPOSIUM

St. Louis, MO
Oct. 2010

"Fighting bombs with books: an assessment of the dynamite fishing education program
in Ushongo, Tanzania"
SCHOOL FOR INTERNATIONAL TRAINING SYMPOSIUM

Athens, GA
May 2010