

Cody A Dailey

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Education

Doctor of Philosophy, Epidemiology

College of Public Health (CPH), University of Georgia (UGA)
Status: Matriculated, August 2017, In-progress

Master of Public Health, Biostatistics/Epidemiology (Dual Degree)

CPH, UGA
Status: Graduated, August 2017

Global Health Certificate

CPH, UGA
Status: Matriculated January 2017, In-progress

Bachelor of Science, Biology; Minor, French

Franklin College of Arts and Science, UGA
Status: Graduated: August 2015

Professional Training

National Science Foundation Research Trainee

August 2018 - July 2019
Interdisciplinary Disease Ecology Across Scales (IDEAS) Program, Odum School of Ecology, UGA

Eukaryotic Pathogen Database Resources (EuPathDB) Workshop Participant

June 2019
UGA

Introduction to Scientific Programming Workshop Participant

May 2019
IDEAS

Modeling Infectious Diseases Workshop Participant

May 2019
IDEAS

Communicating Science to Journalists and News Media Workshop Participant

September 2019
IDEAS

Communicating Science to Policymakers Workshop Participant

September 2018
IDEAS

Modeling Immunology to Influenza Infection Summer School Trainee

May 2017
Emory University

Teaching Experience

Teaching Assistant

May 2016-Present
Department of Epidemiology and Biostatistics, CPH, UGA

Graduate Instructor / Tutor

August 2019-December 2019

Undergraduate Instructor

August 2018-December 2018

Fundamentals of Epidemiology EPID4070

March 2019-May 2019

Fundamentals of Epidemiology EPID4070

SAS and R: A Programming Primer Workshop Instructor

August 2019

Conceptualized, designed, and instructed workshop

Professional Experience

French National Institute of Research for Sustainable Development (Institut de recherche pour le développement)

Intern January 2020-June 2020

Worked with research director Benjamin Roche in the MIVEGEC group (Maladies Infectieuses et Vecteurs: Ecologie, Génétique, Evolution et Contrôle)

- Analyzed data from the PANIC (PAthogènes Niches et Contrôle) which aimed to describe the ecological niche of *Plasmodium falciparum* in Burkina Faso ; will develop mechanistic models for the estimation of infection incidence and the effects of antimalarial interventions, particularly bed net usage and reminders, to the end of exploring optimal intervention strategies

Piedmont Athens Regional Medical Center

May 2018-May 2019

Collaboration with Manager of Statistical Modeling and Analytics

Intern May-August 2017

Internship with Quality Performance and Improvement Manager

- Designed, applied, and evaluated predictive models for Emergency Room patient admission; explored burden and recommended intervention efforts for heart failure readmission in the development of a heart failure unit.

Intern August-December 2016

Internship with Infection Prevention manager

- Developed, implemented, and evaluated Safe Zone program (procedure for limited-entry to isolation patient rooms); constructed isolation precautions policies; updated FAQs and At-home Instructions for common afflictions.

Publications

Major Contributor:

Thompson JM, Eick SM, **Dailey C**, et al. Relationship Between Pregnancy-Associated Malaria and Adverse Pregnancy Outcomes: a Systematic Review and Meta-Analysis. J Trop Pediatr. 2020;66(3):327-338. doi:10.1093/tropej/fmz068

Minor Contributor:

Huang K, Chen J, Xu R, et al. Molecular evolution of hepatitis C virus in China: A nationwide study. Virology. 2018;516:210-218. doi:10.1016/j.virol.2018.01.015

Álvarez-Narváez S, Giguère S, Berghaus LJ, **Dailey C**, Vázquez-Boland JA. Horizontal Spread of Rhodococcus equi Macrolide Resistance Plasmid pRErm46 across Environmental Actinobacteria. Appl Environ Microbiol. 2020;86(9):e00108-20. Published 2020 Apr 17. doi:10.1128/AEM.00108-20

Presentations

EPIDEMICS 7 / 7th International Conference on Infectious Disease Dynamics

December 2019

Service

Boy Scouts of America

October 2019

Instructor of Infectious Diseases for Public Health Merit Badge

Graduate Scholars of Epidemiology and Biostatistics

2017-2018

Vice President in Epidemiology, Co-founder

2019-2020

Social and Service Chair

Certifications

Basic Life Support

CITI programs:

- Bio-Medical Research,
- Biomedical Responsible Conduct of Research Course,
- Conflict of Interest,
- IRB Members,
- IRB Reference Resource,
- Social & Behavioral Research,
- Social and Behavioral Responsible Conduct of Research Course

World Bank Courses:

- Gender Equality and Development,
- Reproductive Health: From Advocacy to Action

Complementary Skills

Statistical Analysis:

- EpiInfo (limited)
- Microsoft Excel (intermediate)
- R (proficient)
- SAS (proficient)
- STATA (limited)

Modeling Programs:

- NetLogo (limited)
- GAMA (intermediate)

Languages:

- English (native)
- French (working knowledge; lu, écrit, parlé)

Other:

- Microsoft Office Suite (intermediate)