



PHEFA Experience

JAMESIA HENDERSON

PHEFA FELLOW 2024-2025



Introduction

- Hometown: Miami, FL
- Education: Florida A&M University (FAMU)
 - B.S. in Health Science, Pre-Physical Therapy
 - M.S. in Agricultural Science, Entomology

Public Health Entomology for All (PHEFA)

- Internship and fellowship program
- Partnership between CDC's Division of Vector-Borne Diseases (DVBD) and the Entomological Society of America (ESA)
- Created to help address the lack of diversity in the field of entomology; build a more diverse workforce
- Provide training in entomology laboratory and field skills in five core areas
 - Colony maintenance
 - Vector collection methods
 - Vector-borne disease research
 - Mosquito and tick taxonomy
 - Vector biology and control



PHEFA
Public Health Entomology for All

Internship/Fellowship Program





PHEFA Fellow 2023-2024

- Public Health Entomology for All
- ESA/CDC (Atlanta, Georgia)
 - Division of Parasitic Diseases and Malaria Branch (DPDM)
 - Dr. John Gimnig



PHEFA Development

- Networking
- Laboratory experience
 - Chemical assays
 - Molecular techniques
 - Insecticide-treated nets
 - Mosquito colony maintenance
- Community Involvement



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- Public Health Entomology for All
- GDPH (Atlanta, Georgia)
 - Dr. Rosmarie Kelly
 - Dr. Thuy-vi Thi Nguyen

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- Tick Collections
- Project Leadership
- Mosquito surveillance
- Mosquito and tick identification
- Insecticide Resistance Training



Professional Development Opportunities

ESA Professional Advance Career Training

EntoMentos

AMCA Young Professional's

CDC Young Professional Network

CDC Fellows Committee





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