

# VISITING PROFESSOR PROGRAM

**1<sup>st</sup> Seminar, Tuesday 28<sup>th</sup> May from 15:00 to 17:00 AULA MAGNA BARBIERI.**

**2<sup>nd</sup> Seminar, Thursday 30<sup>th</sup> May from 15:30 to 17:30 , AULA SERVAZZI, FIRST FLOOR, AGRO BIOLOGICO BUILDING**

**DIPARTIMENTO DI AGRARIA**

**Dr. Cassandra Quave**

Associate Professor of Dermatology and Human Health  
Emory University, Atlanta, GA, USA .

## Seminar topics

### 1<sup>st</sup> Seminar: *The Ethnobotanical Approach to Drug Discovery*

- Out of the estimated 374,000 species of plants on Earth, 9% have been documented as being used as a source of medicine. Billions of people across the globe currently rely solely on plants to meet their primary healthcare needs, including for the treatment of infection. This presentation will cover the historical importance of plants in the evolution of current therapeutics and explore emerging technologies, such as microelectron diffraction enabling scientists to look deeper into the pharmacological properties of plants. Major classes of antimicrobial natural products will be discussed, and insights on research bottlenecks and challenges in scientific rigor in the field will be addressed.

### 2<sup>nd</sup> Seminar: *Communicating Your Science to the Public*

- In a world rife with misinformation and disinformation, the voice of scientists has never been more important. In this lecture, we will explore various platforms, review resources, and discuss best practices for effective science communication.

## Speaker snapshot

Cassandra Quave, Ph.D. is an endowed Associate Professor of Dermatology and Human Health, Herbarium Curator, and Assistant Dean of Research Cores at Emory University, where she leads anti-infective drug discovery research initiatives and teaches courses on medicinal plants, food, and health. Quave's research has been profiled in the *New York Times Magazine*, *BBC Science Focus*, PBS, NPR, and the *National Geographic Channel*. She writes a biweekly newsletter on Substack, Nature's Pharmacy, and has authored pieces for *The Conversation*, *The Wall Street Journal*, and *The Washington Post*.



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A SCIENTIST'S QUEST FOR  
NATURE'S NEXT MEDICINES  
**The Plant  
Hunter**



CASSANDRA LEAH QUAVE



**Quave Research Group**  
MEDICAL ETHNOBOTANY AND ANTI-INFECTION DRUG DISCOVERY



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