

KATY DEITZ

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EDUCATION

University of Florida	Plant Pathology	PhD	Current
University of Florida	Forest Pathology	MS	2023
University of Oklahoma	Journalism	BA	2012

PUBLICATIONS

1. Deitz et al. 2025. Field Guide to Tree Diseases in Florida. Florida Chapter ISA. In review.
2. Deitz et al. 2023. Fungal Pathogen Colonization of E-Cigarettes: A Potential Novel Reservoir for Infectious Agents. Science Advances. In prep.
3. Deitz, K. 2023. The Mycobiome of E-cigarette Devices: A Reservoir for Plastic-loving Fungal Pathogens. Master's Thesis.
4. Deitz, K., Smith, J. A., and E. L. Barnard. 2021. Field Guide to Wood Decay Fungi on Florida Trees. Florida Chapter ISA. Electronic-Book. 136 pp. Electronic (ISBN: 978-1-4566-3808-5) and printed book (ISBN: 978-1-4566-3809-2).

AWARDS

- Forest Resources and Conservation Outstanding Masters Student of the Year 2022-2023
- Grinter Fellowship 2024-2025

MEMBERSHIP

- Mycological Society of America
- International Society of Arboriculture

PRESENTATIONS

1. Deitz, K. 2024. The Mycobiome of E-cigarette Devices. Mycological Society of America. June 9-12, 2024. Presentation.
2. Deitz, K. 2024. The Tree Disease Diagnosis Process. Cooperative Invasive Species Management Area. February 15, 2024. Presentation.
3. The Mycobiome of E-Cigarette Devices: A Reservoir for Plastic-Loving Fungal Pathogens. February 28, 2023. Thesis Defense.
4. Deitz, K. 2022. E-cigarette Mouthpieces Serve as Fungal Pathogen Growth Chambers. Mycological Society of America. July 10-14, 2022. Poster.

5. Deitz, K. 2022. Field Guide to Wood Decay Fungi. Southern Appalachian Forest Entomology and Pathology Seminar. March 3, 2022. Webinar.

VIDEOS

1. Video Producer. "Strange Fruits: Collecting Exobasidium Fungi". April 2024.
2. Video Producer. "Identifying Relampago Blight: An Emerging Disease". April 2024.

TEACHING AND OUTREACH

1. Field Guide to Diseases on Florida Trees. Florida Chapter ISA. Pompano Beach and Lehigh Acres, FL. January 7 and 9, 2025.
2. Plants Get Sick, too. Teaching workshop. University of Florida. May 2024.
3. Florida 4-H Forest Ecology Contest and Clinic. Forest Health Volunteer. 2020-2024.
4. The Tree Disease Diagnosis Process: New Resources. Emerging Pest Seminar. Florida Chapter ISA. Gainesville and Wimauma, FL. August 23 and 25, 2023.
5. A New Resource: The ID Guide for Florida Arborists. Decay School. Florida Chapter ISA. Gainesville and Wimauma, FL. February 22 and 24, 2022.
6. Forest Ecosystem Health. Teaching Assistant. University of Florida. Fall 2022.

COMMITTEES

- Communications Committee, Department of Plant Pathology, University of Florida
- Student and Early Career Committee, International Society of Arboriculture, Florida Chapter

PRESS

- 'Neighborwood Watch'. Interview. TV20. Gainesville, Florida.
- 'Dead wood: Nature's invitation to your yard.' UF IFAS Blogs. Gainesville, Florida.

PROFESSIONAL EXPERIENCE

GRADUATE RESEARCH ASSISTANT

UNIVERSITY OF FLORIDA, Mycology Laboratory, Plant Pathology, Gainesville, Florida
August 2024-Present

- Research: The symbiosis of *Raffaelea* fungi and Platypodinae beetles
- Co-founder of the NeighborWOOD Watch, a deadwood conservation campaign
- Publish EDIS publications
- Present results at professional meetings
- Assist in extension/outreach and teaching activities

RESEARCH ASSISTANT

UNIVERSITY OF FLORIDA, Plant Pathology, Gainesville, Florida
August 2023-August 2024

- Graphic design, research, and main author of "Field Guide to Diseases on Florida Trees" for Florida Chapter ISA.
- Research, field work, and lab technician on Relampago project, an emerging thread blight in Southeast United States.

- Maintain greenhouses at Plant Growth Complex.

GRADUATE RESEARCH ASSISTANT

UNIVERSITY OF FLORIDA, Forest Pathology Laboratory, School of Forest, Fisheries and Geomatics Sciences, Gainesville, Florida

July 2021-May 2023

- Research: Mycobiome of E-cigarette Devices.
- Analyze, interpret, and evaluate data
- Write up results into publications
- Present results at professional meetings
- Assist in extension/outreach and teaching activities

RESEARCH ASSISTANT

UNIVERSITY OF FLORIDA, Forest Pathology Laboratory, School of Forest, Fisheries and Geomatics Sciences, Gainesville, Florida

February 2020-July 2021

- Graphic Design, main author of “Field Guide to Wood Decay Fungi on Florida Trees.”
- Developed web content and designed a website for the forest pathology lab (www.forestpathologylab.info)
- Assisted in other forest pathology lab related projects

FREELANCE VIDEOGRAPHER

Gainesville, FL

Videographer, Editor

September 2018 – February 2020

- Live at the Atlantic (YouTube Channel)
- Pearl and the Oysters music videos

HEARTWOOD SOUNDSTAGE

Gainesville, FL

Video Producer, Videographer, Editor

September 2018 – February 2019

- Set up cameras and streaming for live performances
- Live edit performances for streaming on Heartwood’s Facebook page
- Edit footage of performances for artists

TRADER JOE’S

Gainesville, FL

Crew, November 2012 – January 2020

Manager, August 2014 – August 2015

- Customer service
- Team leader
- Backroom and stock level maintenance

- Mentor new crew members