

Lucy Pellenbarg

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Public Health Undergraduate
University of Florida, Gainesville, FL
University Honors Program, University Research Scholars Program

May 2027

Public Health Experience

Study Abroad

Dar es Salaam and Iringa, Tanzania

June 2024- August 2024

- Studied and observed cultural and medical anthropology throughout Tanzania. Observations included the Ocean Road Cancer Institute and Tosamaganga District Hospital with a concentration in maternal healthcare under supervision by Dr. Adrienne Strong.
- Organized and executed a trip to climb Mount Kilimanjaro, the tallest freestanding mountain in the world before program start date. Created fundraiser in partnership with water.org to implement clean water sources in rural Tanzanian homes, painted, printed, and shipped watercolor notecards to help collect donations.

Undergraduate Research

Summer Undergraduate International Research Program

May 2025- August 2025

- Conducted independent ethnographic research under Dr. Adrienne Strong, focusing on the culture of death and dying in Tanzanian hospitals, specifically at Tosamaganga Regional Referral Hospital. Engaged in participant observation and semi-structured interviews with patients, families, and healthcare providers to explore how cultural norms, religious beliefs, and hospital infrastructure shape end-of-life care experiences. Contributed to ongoing academic discussions surrounding global maternal health, structural violence, and healthcare delivery in low-resource settings.

College of Veterinary Medicine: Department of Infectious Diseases and Immunology

August 2024- Present

- Participate in guided reading for credit on life cycles of malaria and current vaccine developments in preparation to join the Dinglasan Laboratory which was recently awarded a \$3.6 million award from the NIH to create an International Center of Excellence for Malaria Research.

Engineering School of Sustainable Infrastructure & Environment

January 2024- May 2024

- Competitively selected to join the URSP program on admission to UF. Research projects included studying the impact of extreme weather events in the fate and transport of pollutants and pathogens in coastal systems, with a focus on population health.
- Presented Comparative Toxicity of Short vs. Long Chained PFAS: Implications for Mobility and Mortality at the 25th Annual Undergraduate Research Symposium.

Campus Leadership, Involvement, and Research Experience

Trip Leader

UF Center for Outdoor Recreation and Education (CORE)

April 2025-Present

- Selected through a competitive application and training process to lead UF outdoor adventure trips such as backpacking, canoeing, and surfing. Responsible for managing trip logistics, equipment preparation, group facilitation, and ensuring participant safety in remote environments.
- Certified Wilderness First Responder (WFR), trained in backcountry emergency response and medical care.

Luminary

UF Honors Program

February 2024-Present

- Interviewed and selected to serve as an official student ambassador to the UF Honors Program. Leads webinars, conferences, and informational sessions for prospective students. Represents the program at high-profile university events, including presidential functions, conferences, and alumni gatherings.

Team Captain, Human Practices

International Genetically Engineered Machine (iGEM) Competition Team

January 2024- Present

- 2025: Serve as Team Co-Captain of the UF iGEM team; oversee a team of 8 members focused on human practices initiatives and stakeholder engagement. Lead efforts to fundraise over \$20,000 for registration, lab operations, and competition expenses. Conduct research on antimicrobial peptides to address the global challenge of antibiotic resistance.
- 2024: Selected to join UF's iGEM Team which utilizes synthetic biology to create an in-vitro model using iPSC derived organoids to replicate human-specific bone marrow biology and disease models. Interviews professionals, creates community content, and presents innovation and research in Paris, France, fall 2024.

Director of Diversity and Inclusion

UF Chi Omega

November 2024-Present

- 1 of 10 women on executive board, overseeing 300 + chapter women. Responsible for directing D&I programming focusing on inclusivity, mental health, physical wellbeing, and fostering acceptance. Delivers weekly presentations on topics and risk-manages all chapter affiliated events.

Director of Veterans Affairs

UF Cabinet

April 2024-April 2025

- Interviewed and appointed by the UF Student Body President to oversee all aspects of veteran's affairs at the University of Florida. Involved in programming and leadership within the UF Student Government.

Philanthropic Relations Executive Board Member

Make-A-Wish, Chi Omega Fraternity

September 2023- May 2024

- Oversees team of five that plans schedules, corresponds with alumnae, organizes annual telethon fundraiser, designs and distributes promotional materials, manages day-of event complications.

Cohort Member

Florida's Future Leadership Program (FFLP)

September 2023- May 2024

- Selected as one of 25 freshmen leaders to 2023-24 FFLP division of Florida Blue Key.
- Engages in professional development and leadership skills through weekly meetings and presentations on career advancement.

Awards

Bailey Family Foundation Scholarship Recipient

August 2023- May 2027

Florida Region Volleyball Scholarship Recipient

August 2023- May 2027

SUIRP (Summer Undergraduate International Research) Award

June 2025- August 2025

Robin Poynor Student Travel Award (Center for African Studies)

June 2025- August 2025

Chi Omega Humphreys Study Abroad Scholarship

June 2025- August 2025