

Kenneth L. Kho

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EDUCATION

University of Florida, Gainesville, FL

BS, Microbiology and Cell Science, May 2026.

Relevant Coursework: Health & Medical Terminology, Emergency Medical Responder, Molecular Genetics, Virology, Microbiology, Biochemistry

AWARDS

University Scholars Program, 2025-2026.

UF President's Honor Roll, Spring 2023, Spring 2024, Spring 2025.

UF Dean's List, 2022 – 2025.

PRESENTATIONS

“Development and Validation of Novel Small Molecule Inhibitors for the HIRA/H3.3 Pathway in Castration-Resistant Prostate Cancer,” UF Center for Undergraduate Research, Spring 2025.

“Multi-modal educational tool implementation for family members of patients with Hypoplastic Left Heart Syndrome (HLHS) at UF Health,” Medi-Gators Mentorship Program Project Expo, Spring 2024.

“Analyzing Structure-Activity Relationships for Novel Therapeutics Targeting Chemoresistance in Liver Cancer,” UF Center for Undergraduate Research, Fall 2023.

TEACHING EXPERIENCE

Undergraduate Teaching Assistant, University of Florida

Organic Chemistry I (Dr. Simon Enrique Lopez D'Sola), Spring 2024, Fall 2024, Spring 2025, Fall 2025.

Microbiology Lab (Dr. Jo Marie Bacusmo), Spring 2025, Fall 2025.

RESEARCH EXPERIENCE

Dr. David Ostrov, University of Florida Department of Pathology, Immunology and Laboratory Medicine

Research Assistant, April 2023 – Present

- Performed analysis on molecular docking to determine the structure-activity between structural components of novel drug molecules.
- Assessed intermolecular contacts and verified molecular docking scores between target proteins and drug molecules utilizing AutoDock Vina and PyMOL.
- Presented on analysis of structure-activity relationships for novel therapeutics targeting chemoresistance.

WORK AND VOLUNTEER EXPERIENCE

Medical Scribe | UF Department of Medicine

March 2025 – Present

- Worked alongside Cardiology and Family Medicine physicians to document patient visits.

Hospital Volunteer | UF Shands Hospital

February 2023 – Present

- Assisting within various units such as Neonatal Intensive Care Unit, providing a clean environment for adults within the Intermediate Care Unit and the Bone Marrow Transplant Unit, and sorting various medication within the central pharmacy

Support Technician | UF Shands – 94 Intermediate Care Unit June 2024 – February 2025

- Provided essential support to healthcare professionals and ensuring optimal patient care
- Managed equipment preparation and sanitation for staff and patients
- Collaborated with support staff in aiding patients and developing organizational mediums for charting patients

Monitor Support Tech | UF Shands – 94 Intermediate Care Unit June 2023 – June 2024

- Monitored EKG heart rhythms and rates for 36 patients through the central telemetry system
- Notified nursing staff of arrhythmias and changes of vital signs

Job Shadow | Dr. Sukumar Narasimhulu Pediatric Cardiologist Fall 2023 – Present

- Observed complex healthcare plan coordination and assimilating medical terminology, diagnostic methods, and treatment strategies.

Medi-Gators Virtual Shadowing Program June 2023 – Present

- Participated in a virtual shadowing program to gain insights into various medical practices and patient care