UNIVERSITY OF FLORIDA RESEARCH AND ACADEMIC CENTER AT LAKE NONA

Missions

1. To carry out basic, clinical and translational research in drug discovery and development.
2. To support undergraduate, graduate and postgraduate education programs in the colleges of Pharmacy and Medicine.
3. To serve as a bridge between research, education and community service programs of the university's other campuses with partnering organizations in central Florida.

Centers and Programs

The Institute for Therapeutic Innovation

This institute in the UF College of Medicine focuses on developing anti-infective therapies for pathogens of public health importance, including diseases such as Covid-19, Zika, MRSA, dengue, hepatitis C, HIV, influenza and mycobacterium tuberculosis. Support for their work is provided by the National Institutes of Health, the Centers for Disease Control and Prevention, the Department of Defense, the pharmaceutical industry and foundations. The facilities include Biosafety Level 2- and Biosafety Level 3-certified laboratories, specialized facilities designed so researchers can work safely with these infectious pathogens to design potential treatments. These laboratories have guidelines that help maintain a secure environment for the research, researchers and adjacent communities, while allowing scientists to create therapies for some of today's most challenging infectious diseases.

LEED
Platinum certified building

110,000
square feet

318
UF College of Pharmacy student enrollment

130+
faculty and staff

$3.5 million
in COP research awards in academic year 2020

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The Center for Pharmacometrics and Systems Pharmacology

Researchers in the Center for Pharmacometrics and Systems Pharmacology are solving major public health problems through biosimulation — bridging the disciplines of pharmacometrics and systems pharmacology to predict how patients may react to a drug in a virtual environment. Using computer simulation and mathematical modeling, UF scientists are taking large amounts of data to build virtual models and test drug outcomes without embarking on expensive and timely clinical trials.

Cancer Research Education and Engagement (CaRE^2) Health Equity Center

The Cancer Research Education & Engagement, or CaRE ^{2}, Health Equity Center brings together researchers from across the nation to improve health equity among Blacks and Latinx in Florida and California. Funded by the National Institutes of Health, the center aims to advance science and train underrepresented minority students, fellows and early career scientists to eliminate cancer disparities in these populations.

Pharm.D. Programs

Ranked by U.S. News & World Report as the No. 1 pharmacy college in Florida and in the Top 5 nationally, the University of Florida College of Pharmacy is training the next generation of pharmacists and pharmaceutical scientists at its Orlando campus. Students enrolled in the Doctor of Pharmacy program benefit from an innovative curriculum which prepares them to be leaders in the pharmacy profession.

Center for Quality Medication Management

The Center for Quality Medication Management, or CQM, contracts with national health plans to provide medication reviews via telephone. CQM employs faculty pharmacists, clinical pharmacists, pharmacy technicians, student pharmacists and administrative staff. In addition, CQM serves as an experiential practice site for fourth-year student pharmacists to enhance their patient care training.

Translational Infection Disease Research Program

Jürgen Bulitta, Ph.D., and his team of researchers in the Translational Infection Disease Research Program are developing new antibiotic drug combinations to attack some of the world's deadliest superbugs. These superbugs are resistant to most, or all, antibiotics and present one of the greatest threats to human health.

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