



Facilities/Overview

- 376 University of Florida faculty physicians and 309 medical residents in a wide array of medical specialties
- Currently over 16,000 sq. ft research space, including 12,000 sq ft new facility for basic science research
- \$12.45 million in research revenue generated in 2008-09, 175 funded projects
- 60% of COM-Jax research awards are federally-sponsored projects
- Increase in external funding by 116% over the last four years
- Proton Beam Therapy Institute—only five facilities in the country
- Center for Safety Education and Simulation Research—largest non-military medical simulation center in nation

Clinical Research

- Over 560 active clinical research studies performed by COM-Jax faculty, fellows, and residents
- COM-Jax urban campus serves a population of diverse socioeconomic and ethnic background participating in clinical and translational research trials
 - Population-based pediatric HIV studies
 - Women's Health Initiatives
 - Neurological trials in stroke, Parkinson's disease, epilepsy, MS
 - Cardiology interventional and diagnostic trials
- On-site physicians from multiple medical specialties engaged in interdisciplinary clinical research programs
- Strong clinical programs for successful recruitment and retention
- Implementing Clinical Research Unit (inpatient and outpatient) to enhance clinical research infrastructure and increase research staffing utilization and productivity
- COM-Jax is a major participant in the University of Florida's recent Clinical and Translational Science Award from the National Institutes of Health
- Development of database to house faculty research interest and capabilities promoting research collaborations and funding opportunities

Community / Population and Health Service Research

- Center for Health Equity and Quality Research (CHEQR) with research capacity in health disparity research, program and outcome evaluations, translational research, health policy research, health services research, epidemiological research, diffusion and dissemination research
- Strong academic affiliation with Duval County Health Department; partnership with COM-Jax in creating new center
- Strong ties to Jacksonville community-based coalitions and organizations (i.e. Healthy Jacksonville Coalition, MATCH)
- Federally-funded comprehensive pediatric and family-focused HIV/AIDS program
- Vast community-based primary care satellite system consisting of 18 practices distributed geographically across Jacksonville and South Georgia
- NIH-funded programs in health safety, healthcare technology and diagnostics advances

Basic and Translational Research

- NIH Funded Cancer Research Program: Breast, Prostate, Bladder
- Projects focused on understanding cellular immunity against hepatitis C virus with the aim of developing anti-HVC drugs
- Biomarker studies for acute renal failure in ICU patients, and in traumatic brain injury patients
- Investigation into genetic regulation of cholesterol production and transport
- Investigation of the mechanism of action of commercially available anti-thrombotic agents
- Investigation to direct the differentiation of human embryonic stem cells and bone marrow-derived stem cells by co-culture with either retinal pigment epithelial cells or human neural stem cells
- Investigation and development of new noninvasive imaging techniques
- Investigation to characterize a new mechanism of treatment of diabetics with advanced renal disease where preventive therapies are no longer sufficient