UNIVERSITY OF CENTRAL FLORIDA
College *of* Medicine

New Medical Education Building Features State-of-the-Art Labs, Library, Classroom Technology

The UCF College of Medicine's new state-of-the-art medical education building at Lake Nona features the latest in lab and classroom technology for the college that is working to be the nation's premier 21st century medical school.

The $65 million, 170,000-square foot medical education building was built within budget and on time and is expected to receive the Leadership in Energy and Environmental Design (LEED) silver certification based on United States Green Building Council standards for sustainable buildings.

"As the academic center of the emerging 'medical city' at Lake Nona, we had a unique opportunity and responsibility to create a building and a campus that reflects our role as Central Florida's Medical School," said Dr. Deborah German, UCF vice president for medical affairs and dean of the College of Medicine. "We designed our building to be iconic, to be a welcoming, life-giving magnet for the Central Florida community we serve."

The College of Medicine's vision is to be a national leader in education, research and patient care. As part of that effort, the four-story medical education building includes state-of-the-art learning centers, including:

- **Clinical Skills and Simulation Center,** a teaching/assessment center that provides a clinical setting for students to learn and practice their skills. Each of the center's 12 examination rooms has videotape and computer monitoring, so faculty members can observe and evaluate students in action. Computerized mannequins and standardized

patients help students learn skills such as conducting physical examinations, drawing blood and determining heart rhythms.

- **Anatomy Lab,** a world-class anatomy center with 22 dissection tables with ceiling-mounted computer terminals over each table so students can get easy access to anatomical information during dissection. Digital cameras allow the professor to record subject matter during a dissection and then link it simultaneously to every terminal in the lab and to lecture halls three floors down.
- **Microscopy Lab,** a 5,300 square foot lab of the future. Here, students will be able to compare normal and abnormal tissues simultaneously using virtual digitized slides. The laboratory also allows groups of students to study traditional slides through a 10-headed microscope equipped with digital image capture and multiple video monitors.
- **Harriet F. Ginsburg Health Sciences Library**, which houses medical and research reference materials for the entire Health Sciences Campus. The library has access to more than 3.2 million holdings, 98 percent in digital form. The library features an open computerized study commons plus multiple problem-based learning rooms for students and faculty members, plus an extensive collection of health information for consumers.
- **State-of-the-art lecture halls** that put educational technology at the students' fingertips through the use of digital cameras, projectors and high-definition imagery.

Opened in 2009, the medical school enrolls 180 M.D. students in its first three classes and will eventually educate 480 students a year. Thanks to community support, the college provided full four-year scholarships for its charter class of 40 students and received donated funds and land to help construct the first two buildings on the Health Sciences campus.