



2018 LEGISLATIVE PRIORITIES

FAU has embarked on its journey to become the nation's fastest improving public research university. FAU remains committed to improving all aspects of performance and ensuring that its students stay at the institution, graduate as quickly as possible, and go on to successful careers.

FACILITY REQUESTS

JUPITER RESEARCH BUILDING

The Jupiter Research Building is a component of the University's Jupiter Life Science Initiative, which is transforming FAU's John D. MacArthur Campus into a hub of scientific inquiry, innovation, and economic development. Funds will be utilized to construct a 72,000 gsf facility that will provide research and instructional space to support the recruitment/retention of new research faculty and the program's student enrollment growth. In 2015, FAU, Scripps and Max Planck entered into a shared facilities agreement that provides faculty and students access to \$20 million of state-of-the-art scientific equipment, while simultaneously increasing operational efficiency and saving the state of Florida millions of dollars.

A.D. HENDERSON UNIVERSITY LAB SCHOOL

Founded in 1967, the Alexander D. Henderson University School (ADHUS) and FAU High School are Title I K-12 public developmental research schools on the Boca Raton campus of Florida Atlantic University. As the number one ranked lab school and number four ranked public and charter school in the state, ADHUS and FAU High School are a national exemplary model and statewide resource for school systems and teacher preparation programs that seek to improve education for diverse student populations through innovative, faculty-developed research and curriculum. A 2013 Castaldi Analysis has recommended the replacement of this facility.

MEDICAL SCHOOL EXPANSION

As you know, the U.S. faces an estimated shortage of nearly 105,000 physicians by 2030. The Charles E. Schmidt College of Medicine is currently restricted in terms of growth due to limited space. FAU's current medical school class size of 64 students could be doubled with adequate square footage in a new facility. Each year, more than 4,000 applicants seek admission to our limited number of seats, showcasing the interest amongst future physicians. The addition of this facility would enable the college to expand its current medical enrollments and research programs, add new residency programs and increase clinical operations.

FOR MORE INFORMATION, CONTACT:

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OPERATIONAL REQUESTS

GENOMICS AND PRECISION MEDICINE

The Charles E. Schmidt College of Medicine is capitalizing on its existing strengths in basic, applied and translational biomedical research. Researchers in the College are addressing some of the world's most pressing health challenges including cardiovascular disease and stroke, cancer, Parkinson's disease, Alzheimer's disease, macular degeneration, autoimmune diseases and HIV/AIDS. The Genomics and Precision Medicine Initiative seeks to address a gap of research between the analysis of a disease and the assessment of genetic variation. New funding will aid in the development of a next-generation genomics core facility, which will prove vital to FAU's neuroscience and precision medicine research efforts. By using human genome information, the university hopes to translate medical discoveries into new personalized treatment therapies.

MEDICINAL CHEMISTRY CORE GROUP

The Medicinal Chemistry Core Group (MCCG) will help serve the missions of the Neuroscience and Healthy Aging initiatives at FAU. Medicinal chemistry is required to transform biologically active organic products, proteins, and metabolites found in the environment into drug-like compounds. The inability to transform and test these compounds is often one of the major roadblocks in the development of new therapeutic agents. New funding will allow FAU to acquire the research infrastructure necessary to facilitate the development of new drugs from the active compounds discovered by FAU scientists.

EVERGLADES RESEARCH POST IRMA

FAU's Florida Center for Environmental Studies and Greater Everglades Research Initiative focuses on some of the most pressing environmental challenges in our state. New funding will allow FAU researchers to purchase equipment to facilitate the study of coastal systems and support environmental restoration efforts. Increasing our research capacity will allow FAU to produce additional degrees in this STEM field and allow students to further their research at both the graduate and undergraduate levels.

TECH RUNWAY

Tech Runway is based on best practices developed by Massachusetts Institute of Technology (MIT) and Stanford University, and combines the resources of FAU with the local business community to create an ecosystem that is conducive to the development of successful technology start-ups. Since its inception in 2014, Tech Runway has launched 29 start-up companies, which collectively have raised \$17.976 million in capital and created more than 239 jobs.

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