



## State University System Statewide Initiatives (pass-through funds)

### Moffitt Cancer Center - \$8.5 M

- Moffitt has made a lasting commitment to the prevention and cure of cancer, working tirelessly in the areas of patient care, research and education to advance one step further in fighting this disease. As part of an elite group of National Cancer Institute (NCI) Comprehensive Cancer Centers, Moffitt focuses on the development of early stage translational research aimed at the rapid translation of scientific discoveries to benefit patient care.

As part of the State University System, Moffitt is vital to the education of students and trainees in the field of oncology and biomedical research. Studies show that 65% of residents stay and work within in the state they train; therefore, it is vital that we maintain our oncology residents in order to combat Florida's burden of cancer.

State support will be used to increase and sustain the number of residents, fellows and students that participate and benefit from its Graduate Medical Education (GME), Graduate Biomedical and Other Research Education programs and to support various professional development opportunities for staff and students.

An additional \$8.5 million is requested for FY 2015-2016 to continue the effort of training the next generation of cancer researchers.

### Institute of Human and Machine Cognition (IHMC) - \$3.5 M

- IHMC is requesting \$3.5 million from the State of Florida to enhance and grow current operations at its Pensacola and Ocala Florida locations. IHMC is a world-renowned research institute working in the areas of artificial intelligence, cyber security, robotics, assistive technologies, natural language understanding, data mining, and other related high technology fields. A 501(c)3 statewide research institute created pursuant to Section 1004.447 F.S., IHMC is part of the State University System of Florida with formal research affiliations with FAU, FIT, UCF, UF, USF, UWF, and the Moffitt Cancer Center. In 2013, IHMC entered into a formal collaborative research protocol with the Tampa Veterans

Administration and is currently engaged in several projects with that venue. IHMC has received national recognition for its community outreach initiatives, including its highly popular public evening lecture series, summer robotics camp, and youth-oriented science and educational outreach initiatives (Science Saturdays and I LOVE Science). A recognized economic driver, IHMC was honored with the top US Department of Commerce Award for Excellence in Technology-Driven Economic Development. This past December, IHMC scientists and researchers made worldwide news after placing first in Atlas and second place overall in an international DARPA dynamic walking robotics competition held in Miami, Florida.

Additional funding will enable IHMC to continue to enhance its operations and expand in research of national significance including advanced cognitive assistance technologies, network/cyber security, companion devices, exoskeletons, critical infrastructure protection, and sustainable energy modeling and simulation. This research expansion will occur in both downtown Pensacola and downtown Ocala, in part through the successful recruitment of top scientists and researchers to Florida. Maintaining prominence in current research areas and developing strength in these emerging research areas are vital to IHMC's continued growth and of critical importance to our national defense, security and overall societal needs.