



STATE
UNIVERSITY
SYSTEM
of FLORIDA
Board of Governors

New Florida 2010

Scholars Boost and Clustering Award Recommendations

Scholars Boost Award Recommendations: \$3,500,000

Clustering Award Recommendations: \$6,500,000

October 2010

Introduction

The \$10 million State University System's Scholars Boost and Clustering award recommendations, coupled with the \$2 million in awards made from the State University Research Commercialization Assistance Grant program, represent the Board of Governors' New Florida 2010 Initiative. The Initiative is intended to provide a clear demonstration to the public and the Florida Legislature that the System is prepared to transform Florida's economy while being accountable as to how these dollars will be expended and with what outcomes.

Scholars Boost awards are intended to assist in the recruitment and retention of world-class faculty in areas critical to Florida. Clustering awards are intended to promote new and exciting collaboration among faculty in teaching, research, and service especially important to solving certain of Florida's major challenges.

From the nearly 100 proposals submitted, 31 are recommended for funding: 16 Scholars Boost awards worth \$3,500,000 and 15 Clustering awards worth \$6,500,000. These award numbers, types, and dollar values represent the input of multiple proposal readers who availed themselves of a National Institutes of Health proposal review tutorial in an effort to create inter- and intra-reader reliability, and who worked with specific criteria and standardized review sheets.

Criteria were articulated at the beginning of the Initiative; and clarifications, answers to questions, and assistance were shared with all universities simultaneously. Generally, the preference was stated at the outset for inter-institutional collaboration over new collaborations within a single institution. Only one single-institution collaborative proposal was submitted, and that proposal was judged as excellent and is being recommended for funding. In other proposals being recommended, universities proposed to partner with external entities such as the Max Planck Institute and the Kennedy Space Center.

In the end, there were many more fundable proposals than dollars available, a testament to the hard work, creativity, and eagerness of hundreds of participating State university faculty to build a better Florida.

Scholar/Clustering Recommendation	FAMU	FAU	FGCU	FIU	FSU	NCF	UCF	UF	UNF	USF	UWF
Cluster: <i>Community Health Workers Research and Training Institute</i>	\$300,000							\$300,000			
Scholars Boost: Associated with recruiting a Professor of <i>Mechanical Engineering</i>	\$150,000										
Scholars Boost: Associated with recruiting a Professor & Chair, <i>Ocean and Mechanical Engineering, College of Engineering & Computer Sciences</i>		\$250,000									
Cluster: <i>Neuroscience Cluster (with Max Planck, FAU MacArthur Campus)</i>		\$300,000									
Cluster: <i>SUS Climate Change Task Force</i>		\$175,000			\$100,000			\$125,000			
Cluster: <i>Southwest Florida Coastal Watersheds – A Collaborative Integration of Research, Education, and Policy Outreach</i>			\$200,000			\$300,000					
Scholars Boost: Associated with recruiting the holder of the Backe Eminent Scholar in <i>Renewable Energy</i>			\$200,000								

Scholar/Clustering Recommendation	FAMU	FAU	FGCU	FIU	FSU	NCF	UCF	UF	UNF	USF	UWF
Scholars Boost: Associated with a Director for the Center for <i>Nano Medicine</i> , College of Engineering and Computing				\$300,000							
Scholars Boost: Associated with a <i>biomedical engineering</i> professor to lead a Department and a <i>Center for Adaptive Neural Systems</i> , FIU College of Medicine				\$300,000							
Scholars Boost: Associated with a professor to lead a <i>Marine Fisheries and Ecosystems Dynamics and Policy Center</i>				\$300,000							
Scholars Boost: Associated with recruiting a Professor of <i>Biomedical Science</i> , FSU College of Medicine					\$250,000						
Cluster: A Unified Approach for Enhancing <i>Aerospace Research</i> , Education, and Workforce Training					\$150,000		\$225,000				
Cluster: Tackling Florida's Growing <i>Geophysical Threats</i> through Collaborative Coupled Modeling					\$200,000					\$100,000	

Scholar/Clustering Recommendation	FAMU	FAU	FGCU	FIU	FSU	NCF	UCF	UF	UNF	USF	UWF
Cluster: Sunshine Grid – Florida’s Research and Education <i>Cyber-infrastructure</i>					\$150,000			\$200,000		\$100,000	
Cluster: Highly individualized, High-performance <i>Prostheses</i> with Multifunctional Materials					\$150,000				\$125,000		
Cluster: Community Research Collaborative Program in <i>Pediatrics, Internal Medicine, Family Medicine</i>					\$300,000			\$300,000			
Cluster: Florida <i>Biomedical Engineering Partnership</i>							\$325,000	\$300,000		\$200,000	
Scholars Boost: Associated with retaining a Professor of <i>Nanoscience and Chemistry</i>							\$225,000				
Cluster: <i>Microgravity Research and Education (with Kennedy Space Center & Space Florida)</i>							\$375,000				
Cluster: <i>SUS Professional Science Master’s Statewide Initiative</i>							\$125,000				
Cluster: Advanced Smart Sensor Technologies (<i>Materials Engineering and Physics</i>)								\$300,000		\$250,000	

Scholar/Clustering Recommendation	FAMU	FAU	FGCU	FIU	FSU	NCF	UCF	UF	UNF	USF	UWF
Cluster: Optimizing Detection, Prevention, and Treatment of Vector Borne Diseases (<i>Translational Medicine and Pharmaceutical Innovation</i>)								\$275,000		\$200,000	
Scholars Boost: Associated with the Chief Scientist in <i>Chemistry at the National High Magnetic Field Laboratory</i>								\$250,000			
Scholars Boost: Associated with a Professor of Diagnostic Medicine and Pathobiology in <i>Veterinary Medicine</i>								\$200,000			
Scholars Boost: Associated with a Professor of <i>Health and Science</i>								\$200,000			
Scholars Boost: Associated with a professor to lead the <i>Bruce Taylor Engineering Research Institute</i>									\$250,000		
Scholars Boost: Associated with a Professor of Health Outcomes and <i>Health Services Research</i>										\$175,000	
Scholars Boost: Associated with a Professor of <i>Engineering</i>										\$175,000	

Scholar/Clustering Recommendation	FAMU	FAU	FGCU	FIU	FSU	NCF	UCF	UF	UNF	USF	UWF
Scholars Boost: Associated with a Dean of the College of <i>Marine Science</i>										\$150,000	
Scholars Boost: Associated with recruiting a Professor of <i>Geology and Geophysics</i>										\$125,000	
Cluster: Inter-disciplinary Principles and Inter-professional Strategies for Successful <i>Aging</i> in Northwest Florida (UWF Campus-wide)											\$350,000
\$10,000,000	\$450,000	\$725,000	\$400,000	\$900,000	\$1,300,000	\$300,000	\$1,275,000	\$2,450,000	\$375,000	\$1,475,000	\$350,000
31 Projects \ 45 \$ Awards	2	3	2	3	7	1	5	10	2	9	1

The Clustering Areas: Community Health, Neuroscience, Climate Change, SW Coastal Watersheds, Aerospace, Geophysical Threats, Cyber-infrastructure, Prostheses, Family Medicine, Biomedical Engineering, Professional Science Master’s, Smart Sensors, Vector Borne Diseases, Panhandle Aging

The Scholars Boost Areas: Mechanical, Ocean, Biomedical, Engineering; Renewable Energy; Nanomedicine; Marine Fisheries and Ecosystems; Nanoscience and Chemistry; Chemistry (National Magnetic Lab); Veterinary Medicine; Health Science; health Services; Marine Science; Geology and Geophysics

The Proposals: A total of 93 proposals were submitted, requesting \$32.4M.