

FLORIDA ATLANTIC UNIVERSITY

# PARTNERSHIP ANNOUNCEMENT

**MONDAY, MARCH 2, 2015  
11 A.M.**



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# FLORIDA ATLANTIC UNIVERSITY POINTS OF PRIDE



- FAU's Life Science Initiative unites scientists in research and training programs in neuroscience from the Charles E. Schmidt College of Science with the Harriet L. Wilkes Honors College.
- Research areas of interest in neuroscience for FAU's Jupiter Life Science Initiative include: Wiring the Brain; Development and Degeneration of the Brain; The Aging Brain; Stroke, Stress and Drug Discovery; Learning and Memory.
- FAU's Life Science Initiative established the Integrative Biology and Neuroscience joint Ph.D. program, and developed and taught Advanced Neurophysiology, a joint lab course, with the Max Planck Florida Institute for Neuroscience.

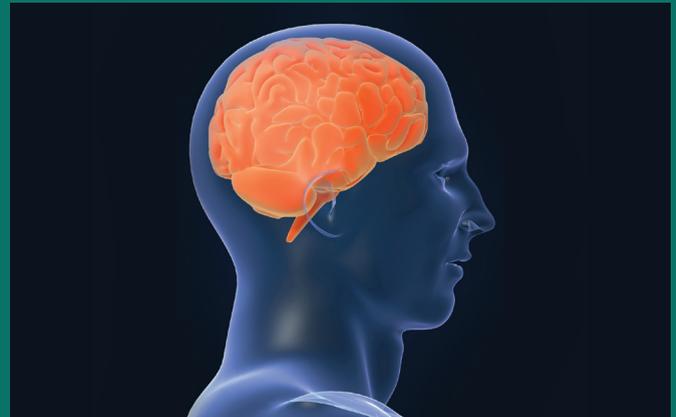
- FAU Jupiter established state-of-the-art neuroscience research labs in the on-campus Scripps building and a new neuroscience graduate program with Scripps Florida and the Max Planck Institute.
- FAU's Scott Kelso, Ph.D., is internationally known for his work on coordination dynamics in the brain. He recently was appointed to the special emphasis panel at NIH/NINDS to review proposals under the President's BRAIN initiative.
- FAU's Rodney Murphey, Ph.D., nationally known for work on synapse formation and axon pathfinding, established FAU's Undergraduate Research Mentoring Program with grants from NSF that was the model for FAU's nationally acclaimed Quality Enhancement Plan.



# MAX PLANCK FLORIDA INSTITUTE FOR NEUROSCIENCE POINTS OF PRIDE



- The Max Planck Society includes 19 Nobel Laureates, more than 15,000 publications in world-leading scientific journals, 3,400 inventions, 100 spin-off companies and 83 institutions worldwide.
- In just the past few years, Max Planck researchers have uncovered significant findings shedding light onto cellular and molecular processes related to memory, neural circuit development, and information processing in the brain.
- Max Planck researchers are collaborating with more than 70 organizations worldwide in 10 different countries, including NIH, Michael J. Fox Foundation, Pfizer, Howard Hughes Medical Institute, Gatan, Stanford University, Zeiss, Salk Institute, and Boehringer Ingelheim.
- The Max Planck Institute for Neuroscience offers educational and training programs for students and scientists throughout all stages of scientific exploration and training, from community outreach activities for all ages, high school student and teacher internship programs, undergraduate research internships, post-baccalaureate fellowships, Ph.D. training and post-doctoral training.
- The Max Planck Institute for Neuroscience hosts a prestigious biennial symposium in South Florida with a focus on neural circuits, attracting the most renowned scientific presenters in the field; the last symposium (Sunposium™) presented five Nobel Laureates as speakers and one of this year's speakers just won a Nobel Prize in 2014.
- Max Planck laboratories house advanced imaging equipment, some of which is unique to the region, and some even the world.



# SCRIPPS FLORIDA SCRIPPS RESEARCH INSTITUTE POINTS OF PRIDE



- The graduate program at The Scripps Research Institute offers a top-10 doctoral program with an emphasis on the intersection between biology and chemistry. U.S. News & World Report ranks the program second in the specialty of biochemistry, sixth in organic chemistry, seventh overall in chemistry and ninth overall in the biological sciences.
- The 200 principal investigators at The Scripps Research Institute include many distinguished leaders in their fields, including two Nobel Laureates, 17 members of the National Academy of Sciences, and numerous members of the National Institute of Medicine, American Academy of Arts and Sciences, and American Association for the Advancement of Science.
- More than 600 people, including 56 faculty members, currently work at the 350,000-square-foot Scripps Florida campus, which is comprised of three state-of-the-art research buildings.
- Since inception, Scripps Florida has been awarded more than \$413 million from the National Institutes of Health, foundations, individuals, and other non-state sources.
- According to Enterprise Florida, before Scripps arrived, the state had 36 biotech companies; today it has more than 200.
- The Scripps Research Institute's education and outreach programs help to advance bioscience education and awareness throughout the state of Florida. Scripps scientists speak frequently to community organizations about cutting-edge research and health-related topics in an effort to promote a better understanding of the fundamental ties that exist between biomedical research and human health.

## HIGHLIGHTS OF A UNIQUE PARTNERSHIP

- Florida Atlantic University and the globally acclaimed Max Planck Florida Institute for Neuroscience and Scripps Florida will build on existing relationships to further scientific discovery and education through shared resources and facilities.
- The partnership will provide undergraduate and graduate students a unique opportunity to enroll in collaborative degree programs with Max Planck and Scripps at FAU's John D. MacArthur Campus in Jupiter.
- Students will work alongside some of the world's leading scientific researchers as part of their degree programs; undergraduate research projects will be mentored by these same scientists.
- The partnership will develop high-end STEM programs – Science, Technology, Engineering, Math – and combine FAU Jupiter's existing strengths in the arts to create a leading STEaM initiative.
- A shared facilities environment will provide students access to state-of-the-art scientific equipment. Max Planck and Scripps researchers will have access to FAU faculty, teaching space and other resources.