



## STILES-NICHOLSON BRAIN INSTITUTE

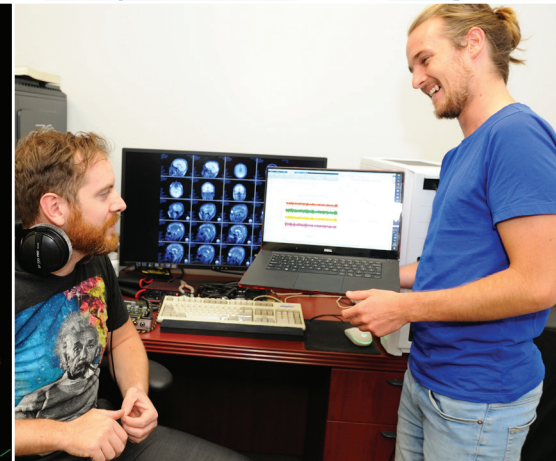
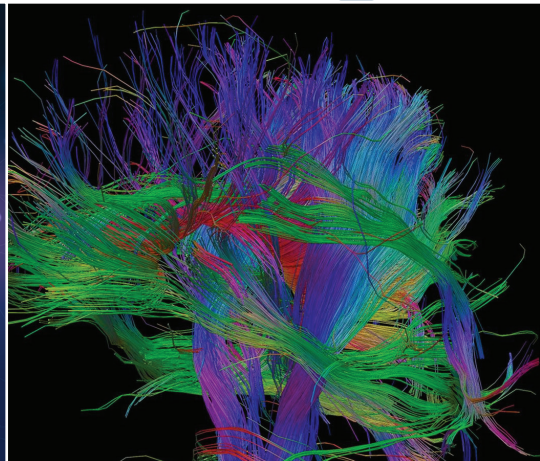
Neuroscience Graduate Program  
Florida Atlantic University

Area of Research Emphasis B:

# SENSORIMOTOR COGNITIVE & BEHAVIORAL NEUROSCIENCE

The FAU Neuroscience Graduate Program (NGP) links the Colleges of Science, Medicine, Engineering and Computer Science, Education, the Wilkes Honors College, and The Center for Complex Systems to achieve a multidisciplinary research and training experience. NGP students also have the opportunity to pursue research at the Max Planck Florida Institute for Neuroscience and UF Scripps Biomedical Research. Study in Sensorimotor, Cognitive and Behavioral Neuroscience addresses challenging questions using systems level approaches to illuminate how the brain controls complex behaviors.

Training focuses on the development and physiology of neural systems that mediate perception, motor functions and cognition, as well as how the brain integrates these. Human and animal subjects are used. Research tracks the development of language and visual perception, and examines how aging, brain injury and neurodegeneration impact cognitive abilities. Students elucidate the neural substrates of learning, memory, attention, and brain wave patterns using modern approaches in neurophysiology, behavioral assays, EEG and computational modeling, as well as advanced methods in human fMRI and fNIRS brain imaging.



FLORIDA ATLANTIC UNIVERSITY  
STILES-NICHOLSON BRAIN INSTITUTE

Learn more: [fau.edu/ibrain/gradneuro](http://fau.edu/ibrain/gradneuro)



# NEUROSCIENCE IN THE SUN

NGP students can pursue education and research options on the FAU Boca Raton, Davie and Jupiter campuses. All campuses are located only minutes away from coastal beaches and intracoastal waterways, each teaming with wildlife and providing many opportunities for aquatic adventures. The Everglades National Park, as well as many state parks, nature centers and wildlife refuges offer hours of relaxation amid the beauty of the natural world.

Sophisticated and inexpensive dining and entertainment are within easy reach of FAU students. A free, Wi-Fi enabled shuttle connects the Boca Raton and Jupiter campuses. Step out of class and into all that South Florida offers: stunning beaches, snorkeling, paddleboarding, boating and fishing.

**World-class shops and restaurants. Engaging culture and arts. Top-tier Entertainment.** You'll quickly see why millions travel here from around the globe—and why so many choose to stay.



**FAU STILES-NICHOLSON BRAIN INSTITUTE**

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