



EVELYN F. AND WILLIAM L. MCKNIGHT BRAIN INSTITUTE



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Mission

The Evelyn F. and William L. McKnight Brain Institute of the University of Florida, known as the MBI, is one of the nation's foremost neuroscience and neuromedicine research centers.

More than a building, the MBI provides a robust scientific and intellectual environment that facilitates multidisciplinary understanding of nervous system function and dysfunction, spanning from the cellular level to translational research. The institute's 250-plus investigators seek to advance current knowledge to improve brain health across the lifespan and revolutionize the treatment of neural disorders.

Research Areas

ACQUIRED NEURAL DISORDERS

The MBI's signature programs include neural control of respiration, spinal cord injury, stroke, and traumatic brain injury.

COGNITION, BEHAVIOR, AND SENSATION

The MBI's signature programs include age-related cognitive decline, developmental disorders, pain, sensory dysfunction, and substance use disorders and other neuropsychiatric diseases.

NEUROLOGICAL DISEASES

The MBI's signature programs include ALS, Alzheimer's disease, brain tumor immunotherapy, and Parkinson's disease, as well as other neurodegenerative disorders.

250+

MBI faculty members from more than 50 academic departments

12+

specialized research centers

Top 5

among all universities in the U.S. for neuroscience and neuromedicine research

\$115M

in NIH funding

25+ Years

of discovery and innovation to propel neuroscience and neuromedicine research



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Research Facilities

The MBI's state-of-the-art, six-story building houses the laboratories of researchers and physician-scientists from across UF. The MBI provides a rich scientific and intellectual environment that facilitates multidisciplinary understanding of nervous system function spanning from the single cell to human behavior. MBI investigators have access to a number of scientific resources, including the Advanced Magnetic Resonance Imaging and Spectroscopy Facility, or AMRIS, a National MagLab facility with 12 MRI and nuclear magnetic resonance instruments.

Education

The MBI is a world-class training destination for those interested in pursuing research careers focused on brain discovery and health. Through its innovative and forward-thinking training programs, the MBI is dedicated to building a talented research workforce prepared to tackle the most challenging questions in neuroscience and neuromedicine.

The MBI's programs include a nationally recognized Summer Neuroscience Internship Program for undergraduates and specialized training programs for graduate students and postdoctoral fellows. The MBI recently launched Gator NeuroScholars, a postdoctoral training program designed to attract top scholars from across the U.S.

The MBI hosts prominent visiting scientists from collaborating institutions, engages in outreach activities in our community, and supports the efforts of our own scientific leaders to organize events and conferences.

Through its research and educational programs, it is the MBI's mission to accelerate discovery and innovation, with the ultimate goal of enhancing brain health and transforming the treatment of neural disorders.

1,000+

community members engaged annually through outreach activities

10+

training programs to develop the next generation of neuroscientists

