

Neurology

Chair

George B. Richerson

Faculty: <https://neurology.medicine.uiowa.edu/profile/>

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Neurology is the branch of medical science concerned with diagnosis and management of disorders of the brain, spinal cord, peripheral nervous system, and muscle.

The Department of Neurology's hallmark is its history of carefully integrating patient care, scientific investigation, and the education of medical, postdoctoral, and graduate students. The department also offers research opportunities in various fields of neuroscience including neuropsychology, neuroimaging, and neuroanatomy to PhD students in neuroscience and psychology.

Research

The faculty's investigative interests center on cognitive neuroscience, degenerative diseases, cerebrovascular disease, neurogenetics, neuromuscular diseases, electrophysiological correlates of central and peripheral nervous system disease, growth factors in the nervous system, control and regulation of autonomic functions, neuro-ophthalmology, movement disorders, epilepsy, and pain management. For more information see the Department of Neurology website.

The new Iowa Center for Neurodegeneration, housed in the Department of Neurology and affiliated with the Iowa Neuroscience Institute, will concentrate on combating neurodegenerative diseases such as Alzheimer's disease, Parkinson's disease, dementia, and amyotrophic lateral sclerosis (ALS).