Neurology

Chair

• George B. Richerson

Faculty: https://medicine.uiowa.edu/neurology/profile
Website: https://medicine.uiowa.edu/neurology/

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 Ph.D. 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).