June 2015 Overview

NEUROLOGY LEADERSHIP TEAM

Thomas Sutula, MD, PhD  
*Neurology Department Chair*

Edward Luke Bradbury, MD  
Director, Vascular Neurology Fellowship Program

Laura Buyan Dent, MD, PhD  
Medical Director, Movement Disorders and Parkinson's Disease Program

Marcus Chacon, MD  
Director, Medical Student Clerkship Program

Fred Edelman, MD  
Medical Director, Pediatric Neurology Program

Natasha Frost, MD  
Medical Director, Multiple Sclerosis Program

Bruce Herman, PhD  
Director, Neuropsychology Program

Hrissanthi (Chris) Ikonomidou, MD  
Director, Research and Academic Programs and Pediatric Neurology Residency Program

Alanna Kessler-Jones, PsyD  
Director, Pediatric Neuropsychology Fellowship Program

Barend Lotz, MD  
Medical Director, EMG Lab, Neuromuscular Lab, UW Hospital and Clinics

Rama Maganti, MD  
Medical Director, EEG Lab and Epilepsy Program; Director Clinical Neurophysiology Fellowship

Paul Rutecki, MD  
Neurology Department Vice-Chair, Neurology VA Chief, Medical Director, UWHC Neurology Inpatient Services

Justin Sattin, MD  
Medical Director, Stroke Program; Director, Residency Program

Elizabeth Lake, MD  
Medical Director, S. Park Neurology Clinics

Cheryl Hoeth, RHIT, CCS, MBA, FACMPE  
Director of Neurology and Neurosurgery Service Line, UW Hospital and Clinics

Greg Zalesak, MPA  
Director, Neurology Department, School of Medicine and Public Health; Director, Neurology Physician Practice, UW Medical Foundation
UW HEALTH NEUROLOGY

Mission
The Department of Neurology at the University of Wisconsin provides state-of-the-art, compassionate care for people with diseases of the nervous system locally, regionally and nationally; conducts research in basic and clinical neuroscience; and offers medical students, residents and fellows intensive training in the diagnosis and treatment of neurological disorders.

Vision
The Department of Neurology will achieve excellence in its missions of clinical service, teaching and research by promoting a climate of teamwork, collaboration and collegiality among faculty neurologists, neuropsychologists, scientists, staff and interdisciplinary colleagues.

Overview
The faculty and academic staff of the department are engaged in a broad range of clinical and academic activities. Neurology faculty and academic staff include neurologists, neuropsychologists and scientists who are engaged in basic and clinical research, and also contribute to educational programs of the department. There are more than 25 trainees in a variety of residency, fellowship and postdoctoral programs.

The Neurology Department consists of 26 adult neurologists, four pediatric neurologists, three adult neuropsychologists, one pediatric neuropsychologist, five basic science faculty and more than 70 staff including researchers, research staff, fellows, residents, nurse practitioners, physician assistants, nurses, clinical and research support staff.

The department has 12 residents (three per year) and offers clinical fellowships in neurophysiology, epilepsy, pediatrics, stroke and neuropsychology.

History
The Department of Neurology at the University of Wisconsin School of Medicine and Public Health evolved from the Department of Neuropsychiatry, which was established in 1925. In 1956, the Department of Neuropsychiatry was divided into the Department of Psychiatry and the Department of Neurology.

The department has not only had significant contributions to the clinical care of neurological patients but also a major impact on the training of neurologists and neuropsychologists. Pioneering medical and scientific discoveries have been part of our history from the beginning and continue to be a focus. The department also played a large role in the development of neurology and neuropsychiatry as a professional medical discipline.

Important developments from our past include: the “Chun” gun hydrocephalus detection device; the first EEG video documentation of reflex epilepsy; the discovery of mossy fiber sprouting in epilepsy; seminal observations about the damage of poorly controlled seizures. We are also proud of our history of distinguished training programs, and count Dr. Frances Forster (one of the founders of the American Academy of Neurology) as one of our own.
Services
The Neurology Department has neurology clinical programs in the areas of general adult and pediatric neurology and diverse subspecialty areas. Subspecialty services include:

- epilepsy
- headache
- multiple sclerosis
- movement disorders
- neuromuscular diseases
- memory assessment
- sleep disorders
- stroke
- neuropsychology

The Neurology Department collaborates with many other departments to best serve patient needs, e.g., neuro-ophthalmology and neuroradiology.

Service and research locations include:

- University of Wisconsin Hospital and Clinics
- American Family Children’s Hospital
- 20 S. Park offices/Clinical Diagnostic facilities and Meriter Hospital
- William S. Middleton Veterans Administration Hospital/Clinical Neurophysiology Laboratories
- Epilepsy Monitoring Unit (EMU)
- EEG Laboratory
- Neuromuscular/EMG Lab
- Neuromuscular Muscle/Nerve Biopsy Laboratory
- The Charles Matthews Neuropsychology Lab
- Sleep Laboratories
- Long-Term Acute Care Hospital

Outreach
Sites outside of Dane County where we provide clinical services

Adult Neurology
Fort Atkinson  Fort Health Care
Mauston  Mile Bluff Medical Center
Portage  Divine Savior Health Care
Sauk City  Sauk Prairie Health Care

Telestroke
UW Health Telestroke started in 2009 as the first telestroke program in Wisconsin. It now connects six regional emergency departments in the surrounding ring markets. Telestroke is playing an increasingly important role in stroke systems of care, and the designation of Comprehensive, Primary, and Acute Ready Stroke Centers.
Provider Advocacy Team
The UW Health Provider Advocacy team was created to effectively serve the needs of medical professionals and the patients they serve. Our Provider Relations Coordinator is a hospital based advocate for referring providers, their staff, referral coordinators, and health plan staff. The team also consists of four Physician Liaisons who assist with relationship building activities, such as UW Health physician visits to community physician offices, CME presentations, or dinner meetings. In 2013 there were over thirty such events for the UW Health neurologists and neurosurgeons in Dubuque, Fond du Lac, Wausau, Neenah, Appleton, Beaver Dam, Stevens Point, Rockford, Freeport, Monroe, Oshkosh, Mauston, Portage, Minocqua, Appleton, Wisconsin Dells, Reedsburg and Fort Atkinson.

Support groups and community education activities
• Moving Forward–Learning More about Movement Disorders: Public seminars with movement disorders topics
• Understanding Stroke: Public talks about stroke awareness
• Life After Stroke: Seminar for stroke patients and families
• Stroke Camp: Three-day event for stroke survivors and families
• Brain Aneurysm and Stroke, and Brain Tumor Support Groups
• Stroke Night: Educational events for EMS

Research: Clinical studies and grants
During FY2013, a total of 17 grants were awarded in the Department of Neurology. These included five NIH-supported projects and 12 private foundation awards and commercial clinical trials.

Recent milestones
• 2013: UW Health named a Regional Coordinating Stroke Center by the National Institutes of Health; will coordinate stroke research in the upper Midwest
• 2013: Bruce Hermann, PhD, elected to the American Epilepsy Society's board of directors
• 2013: UW Health neuropsychology department celebrated 50th anniversary
• 2012: UW Hospital became one of the first in the U.S. to earn Comprehensive Stroke Center Certification from The Joint Commission
• 2012: UW Health Comprehensive Stroke Center received the American Heart Association/American Stroke Association’s Get With The Guidelines® Stroke Silver Plus Achievement Award
• 2012: John Fleming, MD, earned Lifetime Achievement Award from the National Multiple Sclerosis Society
• 2012: Bruce Hermann, MD, earned the American Epilepsy Society’s Service Award
• 2009: UW Health launched Wisconsin’s first Telestroke Network
• 2009: Thomas Sutula, MD, PhD, chairman of neurology, received the William G. Lennox Award for pioneering research into epilepsy
• 2008: UW Health earned Primary Stroke Center Certification from The Joint Commission