



Emory Neurology is the only neurology program in the Southeast to be nationally ranked in the top tier by both US News and World Report and by the National Institutes of Health (NIH). With around 90 regularly faculty members, including 50 physicians, 15 MD/PhD physician-scientists and 25 PhD clinicians and researchers, Emory is the largest academic neurology program in the Southeast, with multiple faculty in every subspecialty. Emory Neurology's goal is to provide the best possible patient care for those in need and the best possible education and research programs in order to bring forth a new generation of providers with a focus on promoting health and preventing disease.

Care is our purpose; Cure is our passion.

Alzheimer's Disease

The Facts

- There are 5.3 million Americans living with the disease and every 70 seconds someone in America develops Alzheimer's disease. By mid-century, someone will develop Alzheimer's every 33 seconds. By 2010, there will be nearly a half million new cases of Alzheimer's each year; and by 2050, there will be nearly a million new cases per year.
- The average patient with dementia is ill for 6-8 years.
- Alzheimer's is the **seventh-leading cause of death in the nation**.
- The direct and indirect **costs of Alzheimer's** and other dementias to Medicare, Medicaid and businesses amount to more than **\$148 billion** each year.

The Emory Impact

The Emory Cognitive Neurology program includes the Alzheimer's Disease Research Center (ADRC), one of only 15 federally sponsored flagship research programs in the country, facilitating state-of-the-art clinical, research and education programs for Alzheimer's disease and other cognitive diseases. The ADRC has more than 40 faculty members from 17 departments and schools at Emory, enhancing the efforts of the more than 100 externally-funded studies of mild cognitive impairment, Alzheimer's disease and other dementia at Emory and beyond.

The Cognitive Neurology Memory Assessment Clinics offer comprehensive care, coordinating the expertise of neurologists, psychiatrists, geriatricians, neuropsychologists, advanced practice nurses and social workers for nearly 3000 outpatient visits annually, including more than 1000 new patient evaluations each year.

With the addition of a new brain imaging faculty, many patients can participate in cutting-edge therapeutic and diagnostic clinical research trials at the ADRC.

Parkinson's Disease

The Facts

- 60,000 new cases are diagnosed each year, in addition to the 1.5 million already affected.
- In the USA, Parkinson's disease (PD) affects more people than the total of those suffering multiple sclerosis, muscular dystrophy and Lou Gehrig's disease (ALS).
- The average age of a person diagnosed with PD is 58; however, it also strikes people in their 20's, 30's and 40's who struggle to work and raise a family while dealing with this disorder.
- Medications to treat PD can cost a patient between \$1,000 and \$7,000 per year.
- In the United States, PD costs about \$25 billion each year, paid for by patients with Parkinson's, their families, health insurers, disability insurers, SSI, SSDI, Medicaid and Medicare.

The Emory Impact

The Emory program for Parkinson's disease and related conditions is world-renowned for major breakthroughs in the care of patients with these disorders, and it is the Department of Neurology's largest sub-specialty program. Major discoveries at Emory include the development of innovative and highly effective brain surgical approaches for medication-resistant patients, moving these treatments from the laboratory to accepted clinical practice around the world.

Emory Parkinson's Disease researchers have been leaders in both studying the causes of the disease and in developing new animal models. For instance, Emory established a center to study a susceptibility gene and another center to investigate pesticide exposure in conferring risk of Parkinson's disease to study the role of environmental toxicants in pathogenesis.

The Movement Disorder clinical program offers comprehensive evaluation and multi-disciplinary care for patients with a variety of conditions in addition to Parkinson's disease, including specialty clinics for essential tremor, Huntington's disease, and Tourette's syndrome. More than 2,500 new patients and 10,000 total patients with PD and related conditions are seen each year by one of more than 15 clinicians specializing exclusively in movement disorders. The clinicians work with neurosurgeons, neuropsychologists, psychiatrists, physical therapists, urologists, gastroenterologists, social workers, and other health care providers to help address the complex medical conditions that frequently co-exist.

The Emory Movement Disorders program offers numerous training opportunities for physicians and researchers. The Functional Neurosurgical Program has been a leader in training neurologists and neurosurgeons from around the world.

Foundation of Wesley Woods

Founded in 1954, the Foundation of Wesley Woods endeavors to help people age gracefully in healthy, affordable and ethical ways. Our annual gala event - Heroes, saints and Legends – supports care and research programs at the Wesley Woods Center for Emory University for adults suffering from Alzheimer's and Parkinson's diseases and has raised more than \$5 million since its inception.

For more information, please contact us at 404-728-6204.