

# UT Southwestern's Peter O'Donnell Jr. Brain Institute



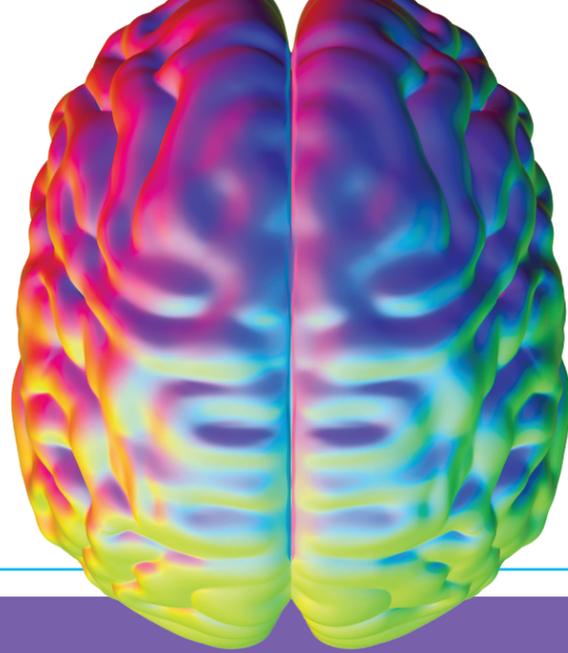
## Unraveling the Mysteries of the Brain

### O'DONNELL BRAIN INSTITUTE FACTS & FIGURES (FY17)

EXPERTISE	RESEARCH	CLINICAL ACTIVITY
<b>1,500+</b> Total faculty and staff from UT Southwestern departments, centers, and facilities affiliated with the Peter O'Donnell Jr. Brain Institute	<b>\$56 Million+</b> Research expenditures funded by support from federal agencies, foundations, individuals, and corporations	<b>4,800+</b> Neuroscience inpatient admissions
<b>500+</b> Clinical and research faculty	<b>268</b> Active clinical trials	<b>6,000+</b> Surgeries
<b>200+</b> Areas of specialty care for adult and pediatric patients	<b>2,075</b> Patients enrolled in active clinical trials	<b>144,000+</b> Outpatient visits
Fiscal Year 2017	Fiscal Year 2017	Fiscal Year 2017 at UT Southwestern Hospitals and Clinics

#### Accolades

U.S. News & World Report	Pinnacle of Excellence and Guardian of Excellence Awards	Advanced Comprehensive Stroke Center	CARF-Accredited Inpatient Rehabilitation	Magnet®
Named one of top 50 hospitals in the United States for Neurology & Neurosurgery.	Press Ganey recognition for outstanding clinical care provided at Zale Lipshy University Hospital (2016 was the sixth straight year Zale Lipshy earned the Pinnacle of Excellence Award).	First hospital in North Texas to receive Advanced Comprehensive Stroke Center designation by The Joint Commission and the American Heart Association/American Stroke Association.	Recognition from the Commission on Accreditation of Rehabilitation Facilities (CARF) as a Stroke Specialty Program.	UT Southwestern received Magnet status in 2016, a designation from the American Nurses Credentialing Center that is the "gold standard" for nursing excellence and high-quality patient care in hospitals.



### Imagine a day when ...

- Alzheimer's disease is a preventable condition
- A pharmacological therapy promotes repair after a brain injury
- Brain stimulation speeds recovery after a stroke
- Depression can be halted in its earliest stages by selecting patient-specific therapies

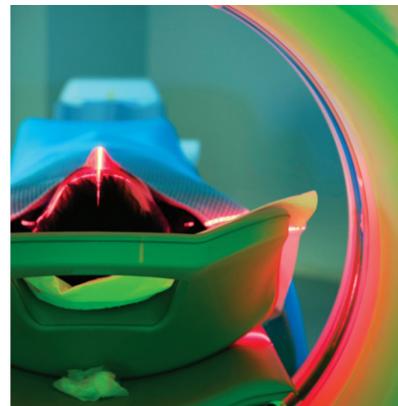
At UT Southwestern's Peter O'Donnell Jr. Brain Institute, we're beyond imagining; we're aggressively exploring the body's most complex system and medicine's greatest mystery – the human brain.

### Providing the foundation for prevention and cures

Brain disease in its various forms – whether developmental, traumatic, psychiatric, or degenerative – looms as one of the greatest challenges of our time.

Finding the underlying causes of brain diseases will provide the foundation for prevention and cures.

The O'Donnell Brain Institute is where scientific and clinical investigations are converging as never before to increase understanding of the brain and revolutionize how neurological and psychiatric disorders are diagnosed, treated, and ultimately cured.



### Primed for discovery ... focused on goals

Our faculty includes many of the nation's top neurosurgeons, neurologists, psychiatrists, radiologists, and specialists in rehabilitative medicine.

**Our goals for the O'Donnell Brain Institute are ambitious. UT Southwestern seeks to:**

- 1** Understand how the nervous system functions and how it generates integrative behavior and cognition.
- 2** Apply advanced imaging tools and analytics.
- 3** Develop new therapies.
- 4** Leverage clinical expertise across multiple specialties to provide the nation's best acute and restorative care.

### Collaborating to advance progress

Faculty and staff from a number of UT Southwestern departments and centers are collaborating and guiding efforts of the O'Donnell Brain Institute. Among the participants:

#### Departments and Divisions

- Neuroscience
- Neurological Surgery
- Neurology and Neurotherapeutics
- Neuroradiology
- Physical Medicine and Rehabilitation
- Psychiatry
- Pediatric Neurology

#### Centers\*

- Texas Institute for Brain Injury and Repair
- Center for Alzheimer's and Neurodegenerative Diseases
- Center for Depression Research and Clinical Care
- Robert D. Rogers Advanced Comprehensive Stroke Center
- Annette G. Strauss Center in Neuro-Oncology

\*Named UT Southwestern centers funded by private, public, and/or government sources. There are additional clinical and research centers affiliated with the O'Donnell Brain Institute.



### Offering more than 200 areas of specialty care

For those suffering from brain diseases and disorders, "there is no cure" is heard all too often. Through the O'Donnell Brain Institute, we're offering advanced diagnostic capabilities and treatment options for the full spectrum of brain, spine, muscle, nerve, and psychiatric disorders.

**The O'Donnell Brain Institute offers more than 200 areas of specialty care, including:**

- Autism
- Brain and skull base tumors
- Cerebrovascular disorders
- Cognitive neurodegenerative/memory disorders (including Alzheimer's disease)
- Epilepsy and seizure disorders
- Headache and facial pain
- Movement disorders
- Multiple sclerosis
- Neuromuscular conditions and diseases
- Psychiatric and psychological diseases
- Sleep and breathing disorders
- Spine conditions
- Stroke
- Traumatic brain injuries (including concussions)

