

# DCRI NEUROSCIENCES MEDICINE

Changing  
Tomorrow's  
Medicine Today

The DCRI is dedicated to advancing clinical research by promoting education, knowledge-sharing, scientifically designed studies, and operationally efficient clinical trial conduct. DCRI's Neurosciences Medicine Research Program, comprising more than 40 psychiatry and neurology faculty, supports this mission through innovative programs, vast expertise across multiple disciplines, and broad-reaching influence as leaders in academic, industry, and government roles.

We conduct industry and government-funded clinical projects of all sizes covering the full spectrum of neurosciences disorders, featuring projects in psychiatry and neurology for child, adolescent, adult, and geriatric patient populations. Our research interests and capabilities are wide-ranging and include a focus on ADHD, autism, mood and anxiety disorders, epilepsy, sleep disorders, neuromuscular disorders, stroke, and neurodegenerative diseases.

## INNOVATION

- Rapid-Start Site Network for Neurosciences Trials
- Cognitive Endpoint Design and Assessment in Clinical Trials
- Control Intervention Development
- FAST-FAIL Trial Methodology
- Inpatient ICU Trials
- Neuroimmunology Biomarker Imaging Studies
- RDOC-based Research

## EXPERTISE

- Early Phase PK/PD and POC Trials, conducted in our onsite Phase I unit
- Game and Device/Sham-Controlled Trial Design and Conduct
- Pediatrics (Microdosing, PK)
- Neurocritical Care Trials
- Electroencephalography (EEG)
- Polysomnography (PSG)
- Nerve conduction studies and electromyography
- Immune monitoring – mechanistic and predictive biomarkers
- Full-service CRO activities (Protocol Design/Development, Data Management, Biostatistics, Pharmacokinetics, Site Management Monitoring)

## Influence

Our neuroscience experts have worked with the FDA many times for market approvals in drug, device, and diagnostic studies and are instrumental in creating and implementing new NIMH guidelines. Our faculty have published their research in major peer-reviewed journals and regularly present at national meetings, sharing knowledge and contributing to the formation of practice-changing innovations for tomorrow's medicine.

## Recent Experience

**33,000**

neurosciences patients  
enrolled

**1,100**

neurosciences sites

**50**

neurosciences trials  
spanning all study phases,  
from animal models  
through post-market



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Find out  
more about DCRI  
Neurosciences Medicine.

DCRI Business Development  
dcribd@duke.edu

[dcri.org/neurosciences](http://dcri.org/neurosciences)

## OUR INVESTIGATOR NETWORKS

- National Child Traumatic Stress Network, a nationwide consortium of premier research institutes, hospitals, and healthcare providers focused on improving the care of traumatized children
- Child and Adolescent Psychiatry Trials Network (CAPTN), the first consortium of its kind focused on pediatric psychopharmacology
- Treatment for Adolescents with Depression Study (TADS)
- Multi-site, Multi-National Stroke Network

## OUR FACULTY

### Daniel Laskowitz, MD, MHS

Faculty Director, DCRI Neurosciences Medicine  
Professor, Neurology  
Professor, Neurobiology  
Professor, Anesthesiology  
Director, Neurovascular Laboratories

### Aatif Husain, MD

Global Epilepsy and Sleep Program

### Scott Kollins, PhD, MS

Associate Professor, Medical Psychology  
Professor, Psychiatry and Behavioral Sciences  
Professor, Psychology and Neuroscience  
Vice-Chair for Research Strategy & Development  
Director, Duke ADHD Program

### Rich Keefe, PhD

Professor, Psychiatry and Behavioral Sciences  
Professor, Psychology & Neuroscience

### Brad Kolls, MD, PhD, MMCI

Assistant Professor, Neurology

### Jeffrey Guptill, MD, MA, MHS

Assistant Professor, Neurology  
Associate Director, Duke Clinical Research Unit

### Linmarie Sikich, MD

Faculty Member, DCRI Neurosciences Medicine  
Professor, Psychiatry and Behavioral Sciences  
Associate Director, Duke Center for Autism and Brain Development



Duke Clinical Research Institute

FROM THOUGHT LEADERSHIP  
TO CLINICAL PRACTICE