



## 10th Annual Yatsu Day Symposium

# Personalized Treatments for Stroke and Cerebrovascular Disease

**FRIDAY, JULY 27, 2018**

Fayez Sarofim Research Building  
at the Brown Institute for Molecular Medicine  
1825 Pressler Street, Houston, TX 77030

7 – 8 a.m. Continental Breakfast and Registration

8 a.m. – 4:00 p.m. Conference

Attendance is free, but registration is required: <https://cmetracker.net/UTMB/Catalog>

# General Information

## Symposium Overview

This symposium will cover the transformative changes that are occurring in the delivery of health care for stroke and cerebrovascular disease. Talks will be given on how personalized medicine is used to design treatments for patients. Speakers will discuss novel ways that imaging, pharmacogenetics, and monitoring is now being used to provide patients the best chance at preventing and recovering from stroke. The symposium will provide participants with a maximal learning experience through lectures and debates, interspersed with question and answer sessions. Evaluations will be available to the participants online at the conclusion of the course.

## Registration

Registration for this symposium is at no cost for all attendees. A continental breakfast, buffet lunch, and break refreshments are included with this symposium.

You must preregister to attend. You may register by visiting <https://cmetracker.net/UTMB/> Catalog or contacting the UTMB Office of Continuing Education at [continuing.ed@utmb.edu](mailto:continuing.ed@utmb.edu) or 409.772.9300. Please inform us if you need to cancel your registration.

If you require special assistance, please provide a written description of needs and submit to the UTMB Office of Continuing Education at least 30 days prior to the start of the symposium.

## Objectives

1. Learn about personalized medicine for stroke
2. Understand how stroke healthcare delivery is changing
3. Learn about advances in personalized medicine and stroke research
4. Change referral patterns

## Target Audience

- Physicians
- Researchers
- Nurses
- Students
- Residents
- Fellows
- Emergency medical personnel
- Physical therapists
- Speech therapists
- Occupational therapists treating patients with stroke during their recovery and rehabilitation

## CME ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of Texas Medical Branch at Galveston and The University of Texas Health Science Center at Houston. The University of Texas Medical Branch at Galveston is accredited by the ACCME to provide continuing medical education for physicians.

The University of Texas Medical Branch at Galveston designates this live activity for a maximum of *5.75 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

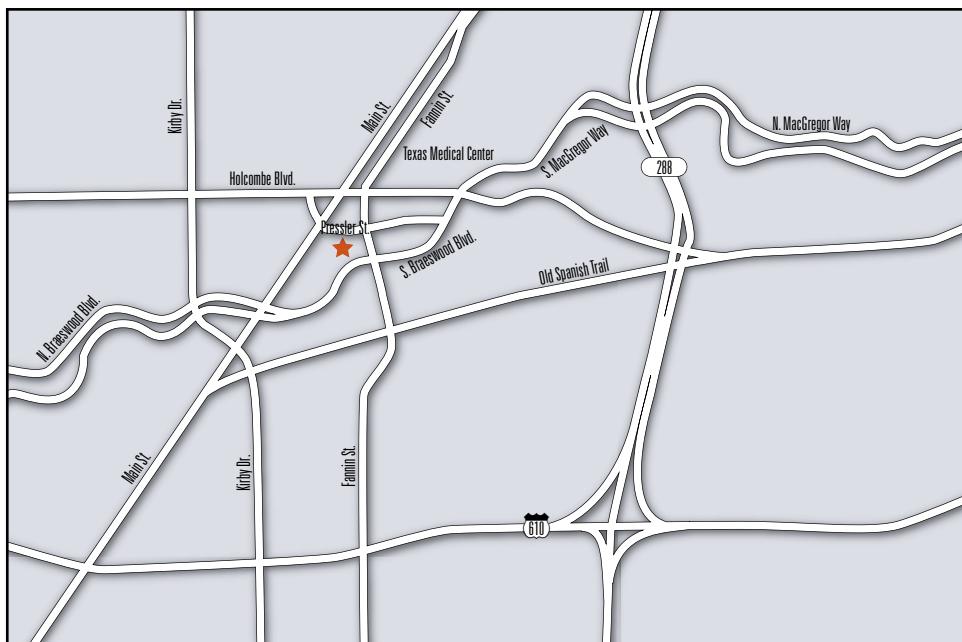
## CNE ACCREDITATION STATEMENT

Cizik School of Nursing at UTHealth is an approved provider of continuing nursing education by the Texas Nurses Association - Approver, an accredited approver with distinction by the American Nurses Credentialing Center's Commission on Accreditation.

This activity will provide 6.33 contact hours of Nursing Continuing Education.

## Location

Fayez Sarofim Research Building at the Brown Institute for Molecular Medicine  
1825 Pressler Street, Houston, TX 77030



## Parking

Paid parking is available in the open lot next to Sarofim Research Building. There is also limited paid parking on the street just in front of the building.

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## Agenda

7:30-8:00 a.m. REGISTRATION  
Coffee, continental breakfast

8:00 a.m. WELCOME: Yatsu Day background  
**JAMES GROTTA**

### **Session 1: Introduction to Personalized Medicine for Stroke Patients**

8:15-8:45 a.m. How Personalized Medicine Will Revolutionize Healthcare for Stroke Patients  
**JONATHAN ROSAND**

8:50-9:20 a.m. How will “Omics” Change Stroke Care  
**MYRIAM FORNAGE**

9:25-9:55 a.m. Question and Answer Session

10:00-10:15 a.m. **BREAK**

### **Session 2: Neuroimaging to Select Patients for Acute Stroke Treatment**

10:15-10:45 a.m. Simple vs Advanced Imaging Selection for Endovascular Therapy in Early and Late Time Windows  
**AMROU SARRAJ**

10:50-11:20 a.m. Future of Neuroimaging in the Community to Identify Patients in Late Time Windows  
**SUNIL SHETH**

11:20 a.m. Questions and Answer Session

### **Session 3: Multimodal Monitoring of Brain Hemmorage**

11:25-11:55 a.m. Multimodal Monitoring of Brain Hemorrhage  
**NEERAJ BADJATIA**

11:55 a.m. Questions and Answer Session

12:00-12:30 p.m. **BUFFET LUNCH IN THE RECEPTION AREA**

### **Session 4: Customizing Preventative Treatments for Stroke**

12:30-1:00 p.m. Pharmacogenetics and Stroke  
**ERIC BOERWINKLE**

1:05-1:35 p.m. Multi-disciplinary Clinics for Stroke Prevention  
**ANJAIL SHARRIEF**

1:35 p.m. Question and Answer Session

### **Session 5: Personalized Medicine for Cerebral Small Vessel Disease**

1:40-2:10 p.m. Personalized Medicine for Cerebral Small Vessel Disease  
**ERIC SMITH**

2:10 p.m. Question and Answer Session

2:15-2:30 p.m. **BREAK**

### **Session 6: DEBATE: Antiplatelets for Stroke Prevention**

2:30-3:00 p.m. We need evidence based antiplatelet therapy for populations of patients based on randomized trials  
**NICOLE GONZALES**

3:05-3:35 p.m. We have enough subset data from various and clinical experience to personalize antiplatelet therapy for each patient  
**JAMES GROTTA**

3:35 p.m. Question and Answer Session

3:40-4:00 p.m. Wrap up, course re-cap  
**SEAN SAVITZ**

# Speakers

## **Jonathan Rosand, MD, MSc**

Professor of Neurology, Harvard Medical School  
Chief, Division of Neurocritical Care and Emergency Neurology  
Medical Director, Neuroscience Intensive Care Unit, Massachusetts General Hospital

## **Eric Smith, MD, FRCPC, MPH**

Associate Professor of Neurology  
Medical Director, Cognitive Neurosciences Clinic  
University of Calgary

## **Neeraj Badjatia, MD, MS**

Vice Chair and Professor of Neurology  
University of Maryland School of Medicine

## **Sunil Sheth, MD**

Assistant Professor of Neurology  
McGovern Medical School

## **Amrou Sarraj, MD**

Associate Professor of Neurology  
Director, Vascular Neurology Fellowship

## **Anjail Sharrief, MD, MPH**

Assistant Professor of Neurology  
McGovern Medical School

## **Eric Borewinkle, PhD**

Dean, University of Texas Health Science Center at Houston School of Public Health  
M. David Low Chair of Public Health

## **James Grotta, MD**

Director, Mobile Stroke Unit  
Director, Stroke Research Program  
Memorial Hermann Healthcare System

## **Myriam Fornage, PhD**

Professor, Research Center for Human Genetics  
Laurence and Johanna Favrot Distinguished Professor in Cardiology  
Institute of Molecular Medicine

# Speakers

## **Nicole Gonzales, MD**

Associate Professor of Neurology  
McGovern Medical School

## **Sean Savitz, MD**

Professor of Neurology  
Director, Institute for Stroke and Cerebrovascular Disease  
McGovern Medical School



**McGovern**  
Medical School

**Institute for Stroke  
and Cerebrovascular Disease**

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**[www.utstrokeinstitute.org](http://www.utstrokeinstitute.org)**