

# Activity Director/Planning Committee

## **Michael DeGeorgia, MD**

Maxeen Stone and John A. Flower Professor of Neurology

Case Western Reserve University School of Medicine

Director, Neurocritical Care Center

Director, Center for Music and Medicine

Co-Director, Cerebrovascular Center

University Hospitals Case Medical Center

*Dr. DeGeorgia reports no financial relationship with a commercial interest relevant to this presentation.*

## **Conference Faculty**

### **Case Western Reserve University/University Hospitals Case Medical Center**

## **Kristine Blackham, MD**

Assistant Professor of Neuroradiology

*Dr. Blackham reports no financial relationship with a commercial interest relevant to this presentation.*

## **Karen Boyd, RN**

Director, Quality and Clinical Performance Improvement

*Ms. Boyd reports no financial relationship with a commercial interest relevant to this presentation*

## **Teresa Carman, MD**

Assistant Professor of Cardiovascular Medicine

Director, Vascular Medicine

*Dr. Carman receives a salary for her role as Prairie Education and Research Consortium DSMB Chair. Presentation will include discussion of unlabeled/investigational uses of a commercial product.*

## **Vikram Dhawan, MD**

Assistant Professor of Neurology

Neurological Institute

*Dr. Dhawan reports no financial relationship with a commercial interest relevant to this presentation.*

## **Thomas Dick, PhD**

Professor of Medicine and Neuroscience

*Dr. Dick reports no financial relationship with a commercial interest relevant to this presentation.*

## **Anthony Furlan, MD**

Gilbert Humphrey Professor and Chair of Neurology

Co-Director, Neurological Institute

*Dr. Furlan is a consultant for NMT Medical Boston and is the Principal Investigator for the Closure I trial. Presentation will include discussion of unlabeled/investigational uses of a commercial product.*

**Frank Jacono, MD**

Assistant Professor of Medicine  
Division of Pulmonary, Critical Care and Sleep Medicine  
Section Chief, Pulmonary, Critical Care and Sleep Medicine  
Louis Stokes Cleveland VA Medical Center

*Dr. Jacono reports no financial relationship with a commercial interest relevant to this presentation.*

**Samden Lhatoo, MD**

Professor of Neurology

*Dr. Lhatoo reports no financial relationship with a commercial interest relevant to this presentation.*

**Sahil Parikh, MD**

Assistant Professor of Medicine  
Division of Cardiovascular Medicine

*Dr. Parikh reports no financial relationship with a commercial interest relevant to this presentation. Presentation will include discussion of unlabeled/investigational use of a commercial product.*

**Svetlana Pundik, MD, MS**

Assistant Professor of Neurology

*Dr. Pundik reports no financial relationship with a commercial interest relevant to this presentation.*

**Alvin Schmaier, MD**

Professor of Medicine  
Chief, Division of Hematology/Oncology

*Dr. Schmaier receives grant support from CSL Behring. Presentation will include discussion of unlabeled/investigational use of a commercial product.*

**Cathy Sila, MD**

George M. Humphrey II Professor of Neurology  
Director, Stroke & Cerebrovascular Center  
Director, Neurosonology

*Dr. Sila reports no financial relationship with a commercial interest relevant to this presentation.*

**Sophia Sundararajan, MD, PhD**

Assistant Professor of Neurology

*Dr. Sundararajan reports no financial relationship with a commercial interest relevant to this presentation. Presentation will include discussion of unlabeled/investigational use of a commercial product.*

**Robert Walser, PhD**

Professor of Musicology

Author of *Running with the Devil: The Power of Heavy Metal Music*

*Dr. Walser reports no financial relationship with a commercial interest relevant to this presentation.*

**Wei Xiong, MD**

Assistant Professor of Neurology

*Dr. Xiong reports no financial relationship with a commercial interest relevant to this presentation.*

**GQ Zhang, PhD**

Professor of Engineering  
Chief, Division of Medical Informatics

*Dr. Zhang reports no financial relationship with a commercial interest relevant to this presentation.*

## **Guest Faculty**

### **Alex Abou-Chebl, MD**

Associate Professor of Neurology  
Director of Neurointerventional Services  
University of Louisville

*Dr. Abou-Chebl has received honoraria for speaking for Bristol-Myers Squibb/Sanofi. Presentation will include discussion of unlabeled/investigational uses of a commercial product.*

### **David Chan, MD**

Associate Professor of Family Medicine  
Director of Information Technology  
McMaster University, Canada

*Dr. Chan reports no financial relationship with a commercial interest relevant to this presentation.*

### **Marc Fisher, MD**

Professor of Neurology and Radiology  
University of Massachusetts  
Editor-in-Chief, Stroke

*Dr. Fisher reports no financial relationship with a commercial interest relevant to this presentation.*

### **Irene Katzan, MD**

Director, NI Center for Outcomes Research & Evaluation  
Cleveland Clinic

*Dr. Katzan reports no financial relationship with a commercial interest relevant to this presentation.*

### **Stephan Mayer, MD**

Professor of Neurology and Neurological Surgery  
Columbia University College of Physicians & Surgeons  
Director, Neurological Intensive Care Unit  
New York Presbyterian Hospital/Columbia

*Dr. Mayer is a consultant for The Medicines Company. Presentation will include discussion of unlabeled/investigational use of a commercial product.*

### **Richard Moberg**

President and CEO, Moberg Research, Inc.

*Mr. Moberg is the owner/president of Moberg Research, Inc.*

### **Larry Raber, RDMS, RVT**

Director, Neurosonology  
Cleveland Clinic

*Mr. Raber reports no financial relationship with a commercial interest relevant to this presentation.*

### **J. Michael Schmidt, PhD, MSc**

Assistant Professor of Clinical Neuropsychology  
Director of Clinical Neuromonitoring and Informatics  
Columbia University College of Physicians and Surgeons

*Mr. Schmidt reports no financial relationship with a commercial interest relevant to this presentation.*

### **Gretchen Tietjen, MD**

Professor and Chair, Department of Neurology  
The University of Toledo

*Dr. Tietjen owns stock in Johnson & Johnson, receives research support from GlaxoSmithKline, and is a member of the advisory board of MAPP.*

**Katie Vollrath, CSN, RN, RVT**  
Clinical TCD Specialist, CareFusion  
*Ms. Vollrath is employed by CareFusion.*

**Christine AC Wijman, MD, PhD**  
Associate Professor of Neurology and Neurological Sciences  
Director, Stanford Neurocritical Care Program  
*Dr. Wijman reports no financial relationship with a commercial interest relevant to this presentation.*

## Disclosure Policy

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The intent of this policy is not to prevent a presenter with a potential conflict of interest from making a presentation. It is the right of the audience to know about any such potential conflict of interest which should be openly identified. Members of the audience may form their own judgments and it is incumbent upon each listener to determine whether a presenter's outside interests may reflect a possible bias in either the exposition or the conclusions presented. Detailed disclosures are made in the Faculty section of this publication.

Presenters are also obligated to disclose any discussion of unlabeled or unapproved uses of drugs or devices.

## Learning Objectives

After attending the **9<sup>th</sup> Annual Cleveland Neurocritical Care and Stroke Conference** participants will be able to:

- C Review the indications for admission for patients presenting with TIAs
- C Recognize indications for use of dabigatran versus warfarin
- C Review the workup and management of patients with cryptogenic stroke
- C Review the best treatment of acute carotid artery occlusion
- C Review how best to diagnose and treat migraine-related stroke
- C Compare and contrast the various methods of reversing anticoagulation
- C Review the best treatment of intracerebral hemorrhage
- C Understand the prognostication in patients with stroke and cardiac arrest
- C Identify DVT prophylaxis methods for patients with stroke
- C Review the latest updates in induced hypothermia for cardiac arrest and stroke

After attending the **4<sup>th</sup> Annual Critical Care Bioinformatics Workshop** participants will be able to:

- C Understand the current state of the information architecture in the ICU
- C Identify current challenges in data acquisition and analysis in critical care
- C Review advances in data integration developed on the battlefield
- C Identify emerging tools to integrate data from multiple sources
- C Review how to optimally visually display data in a critical care setting
- C Understand how complex systems analysis tools can be used to forecast physiology in the ICU

After attending the **3<sup>rd</sup> Annual Transcranial Doppler Ultrasound Workshop** participants will be able to:

- C Understand the underlying principles of TCD
- C Recognize the role of TCD in patients with subarachnoid hemorrhage
- C Review the role of TCD in patients with increased ICP and brain death
- C Understand the role of emboli monitoring with TCD sonography
- C Review how to best document, code and bill for TCD services

## Continuing Education

### Physicians

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### ***Neurocritical Care and Stroke Conference***

Case Western Reserve University School of Medicine designates this live activity for a maximum of 7.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### ***Bioinformatics, Transcranial Doppler***

Case Western Reserve University School of Medicine designates this live activity for a maximum of 3.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nurses & Physician Assistants

The American Nurses Credentialing Center (ANCC) and the American Academy of Physician Assistants (AAPA) accept *AMA PRA Category 1 Credits™* toward recertification requirements.

## Medical Disclaimer

Medicine is an ever-changing science. As new research and clinical experience broaden our knowledge, changes in treatment and drug therapy are required. The authors have checked with sources believed to be reliable in their efforts to provide information that is complete and generally in accord with the standards accepted at the time of publication.

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# Acknowledgments

Grant support from the following companies in support of this conference is gratefully acknowledged

Genentech  
Stryker

## Exhibitors

Allergan Neurosciences  
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