

# 9<sup>th</sup> Annual International SADS Foundation Conference

Putting it Together: From the Genome to the Phenotype

Friday, September 30, 2016

Register online at: [StopSADS.org/Conference2016](http://StopSADS.org/Conference2016)



Accredited By  
**UC San Diego**  
SCHOOL OF MEDICINE  
Continuing Medical Education



## Course Description

This one-day CME course organized by Drs. Perry, Etheridge, and Ackerman will focus on inherited heart rhythm diseases that can cause sudden arrhythmic death. Topics covered will encompass the most recent advancements in both basic science and clinical knowledge. A panel of internationally-recognized experts will provide an update on these life-threatening disorders and discuss with the audience the most appropriate evidence-based clinical management with an interactive, informal format.

## Target Audience

This program is targeted to practicing physicians, cardiologists, genetic counselors, and allied health professionals involved in the care of children and adults with sudden death predisposing genetic heart rhythm diseases.

## Keynote Speaker

**J. Craig Venter, PhD**

Craig Venter, founder of the J. Craig Venter Institute and CEO of Human Longevity Inc., is a biotechnologist, biochemist, geneticist, and entrepreneur. He is also known for being one of the first to sequence the human genome and the first to transfect a cell with a synthetic genome. Please note this session is not accredited and credit is not available for attending.

## Location

San Diego Marriott Mission Valley  
8757 Rio San Diego Dr  
San Diego, CA 92108

## Course Fees

CME Regular .....	\$175
NP, RN, Allied Health .....	\$90
Fellows .....	\$75

## Registration

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If you have any questions, please contact our office at 801-272-3023 or [sads@sads.org](mailto:sads@sads.org).

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### Agenda

- 8:15 **INTRODUCTION**
- 8:30 **SESSION 1: Channelopathies in the Very Young (Chair Peter Aziz, MD)**  
Recognizing and managing the fetus with a channelopathy. *Bettina Cuneo, MD*  
Why do some children present so early? What are the channelopathic diseases that present so very early and why? *James Perry, MD*  
Management of arrhythmia syndromes in the newborn and very young child: Unique risks and barriers in this age population. *Mitchell Cohen, MD*  
The Role of Autonomic Nervous System in SIDS and SADS. *Shubhayan Sanatani, MD*
- 10:00 **BREAK**
- 10:15 **KEYNOTE SPEAKER: Craig Venter**  
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- 11:00 **SESSION 2: How Do I Interpret Genomic Results? (Chair Martin Tristani-Firouzi, MD)**  
Targeting the genotype request to the patient phenotype: Panel, whole genome or whole exome? *Susan Etheridge, MD*  
What if my panel is negative? How do I manage my patient? *Robert Campbell, MD*  
Is there a genomic basis to acquired channelopathic disease? *Yaniv Bar-Cohen, MD*  
When Should I NOT Perform Genetic Testing? *Michael Ackerman, MD, PhD*
- 12:30 **LUNCH**
- 1:30 **SESSION 3: Cardiac Scene and Sudden Death Investigation "CSI" (Chair Anjan Batra, MD)**  
The cardiac sudden death scene investigation from the Medical Examiner standpoint. *Ellen Moffat, MD and Zian Tseng, MD*  
State of the Molecular Autopsy for SADS/SUDS and SIDS/SUID/SUDI? *Michael Ackerman, MD, PhD*  
How to start an inherited arrhythmias clinic and what do you do when faced with a post-mortem consult. *Dominic Abrams, MD*
- 2:45 **BREAK**
- 3:00 **SESSION 4: The Future in Channelopathy Research and Its Clinical Application (Chair Michael Ackerman, MD, PhD)**  
The application of rapid sequencing and rapid functional assessment in channelopathies. *Stephen Kingsmore, MD*  
Ranking, classifying the VUS, counseling the family: Using a model from cancer researchers. *Martin Tristani-Firouzi, MD*  
The application of IPS to understanding inherited arrhythmias. *Neil Chi, MD*  
Clinicians Viewpoint of Channelopathies: Integrating Science into Practice. *Andras Bratinscak, MD*
- 5:05 **ADJOURN**

### Course Directors

**James Perry, MD**  
Professor of Pediatrics, UC San Diego School of Medicine  
Director, Electrophysiology and Adult Congenital Heart Programs at Rady Children's Hospital  
Scientific Advisor, Sudden Arrhythmia Death Syndromes (SADS) Foundation

**Martin Tristani-Firouzi, MD**  
Professor of Pediatrics, University of Utah School of Medicine  
Vice Chair, University of Utah Institutional Review Board  
Scientific Advisor, Sudden Arrhythmia Death Syndromes (SADS) Foundation

**Susan Etheridge, MD**  
Professor of Pediatrics, University of Utah School of Medicine  
Assistant Director, Division of Pediatric Cardiology  
Director of Pediatric Cardiology Fellowship  
Board Vice President, Sudden Arrhythmia Death Syndromes (SADS) Foundation



California  
CHAPTER

**Michael J. Ackerman, MD, PhD**  
Windland Smith Rice Cardiovascular Genomics  
Research Professor  
Professor of Medicine, Pediatrics, and Pharmacology,  
Mayo Clinic  
Director, Long QT Syndrome/Genetic Heart Rhythm Clinic  
and the Mayo Clinic Windland Smith Rice Sudden Death  
Genomics Laboratory  
Board President, Sudden Arrhythmia Death Syndromes  
(SADS) Foundation

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### 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 University of California, San Diego School of Medicine and SADS Foundation. The University of California, San Diego School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

### Credit Designation Statement

The University of California, San Diego School of Medicine designates this live activity for a maximum of **6.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.