CARDIA: Cardiac Arrhythmia, Sudden Death, Inherited Cardiovascular Disease, Athletes

June 21, 2018 8:00 am - 6:10 pm to June 22, 2018 8:00 am - 12:45 pm
Paul Brest Hall, Munger Conference Center
Stanford University

A Continuing Medical Education Conference Presented by the Department of Cardiovascular Medicine and the Stanford Center for Inherited Cardiovascular Disease at the Stanford University School of Medicine

Sponsored by the Stanford University School of Medicine
Message from the Course Director

Dear Colleagues,

Welcome to CARDIA 2018! We are so excited that you are able to join us on the sunny Stanford campus to learn more about Inherited Cardiovascular Disease, and Sudden Death. We have lined up an amazing program of national and international speakers who will give you practice-focused summaries of the state of the art in the field, as well as a glimpse into what we can expect on the near horizon. We hope you will find time at the breaks to catch up with old friends, make new acquaintances, and continue learning. I look forward to meeting you!

Sincerely,
Euan Ashley FRCP, DPhil, FACC
Professor of Medicine, Cardiovascular and Genetics
Director, Stanford Center for Inherited Cardiovascular Disease (SCICD)

Faculty

Course Director
Euan Ashley, FRCP, DPhil, FACC
Professor of Medicine, Cardiovascular and Genetics
Director, Stanford Center for Inherited Cardiovascular Disease (SCICD)

Stanford Faculty
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Nurse Practitioner
Stanford Center for Inherited Cardiovascular Disease

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Lead Genetic Counselor, Cardiology
Clinical Assistant Professor (Affiliated), Pediatrics, Genetics
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Clinical Associate Professor, Pediatric Cardiology

Anne M. Dubin, MD
Professor, Pediatric Cardiology

Kyla Dunn, MS, LGGC
Genetic Counselor
Stanford Center for Inherited Cardiovascular Disease

Dominik Fleischmann, MD
Professor, Radiology

Victor Froelicher, MD
Professor, Cardiovascular Medicine
Palo Alto Veterans Affairs Health Care System, Emeritus

Valerie Hoover, PhD
Clinical Instructor, Cardiovascular Medicine
Clinical Instructor (by courtesy), Psychiatry & Behavioral Sciences

Beth D. Kaufman, MD
Clinical Associate Professor, Pediatric Cardiology

Joshua W. Knowles, MD, PhD
Assistant Professor, Cardiovascular Medicine
Chief Medical Officer, Familial Hypercholesterolemia (FH) Foundation

Cynthia Lamendola, NP
Nurse Practitioner
Stanford Center for Inherited Cardiovascular Disease

Guest Faculty
Sharlene M. Day, MD
Associate Professor of Internal Medicine (Cardiology)
Director, Program for Inherited Cardiomyopathies
University of Michigan

David Liang, MD, PhD
Associate Professor, Cardiovascular Medicine

David Maron, MD
Professor, Cardiovascular Medicine

Tia Moscarello, MS, LGGC
Genetic Counselor
Stanford Center for Inherited Cardiovascular Disease

Kara Motonaga, MD
Clinical Assistant Professor, Pediatric Cardiology

Jonathan Myers, PhD
Clinical Professor (Affiliated), PAVA

Aistė Narkevičiūtė, MS, LGGC
Cardiovascular Connective Tissue Disorders
Betty Irene Moore Heart Center

Mitchel Pariani, MS, LGGC
Genetic Counselor
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Clinical Instructor, Cardiovascular Medicine

Marco Perez, MD
Assistant Professor, Cardiovascular Medicine

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Genetic Counselor
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Assistant Professor, Pediatric Cardiology

Heidi Salisbury, RN, MSN, CNS
Clinical Nurse Specialist
Stanford Center for Inherited Cardiovascular Disease

Karim Sallam, MD
Clinical Assistant Professor, Cardiovascular Medicine

Allysonne Smith, RN
Registered Nurse Coordinator
Stanford Center for Inherited Cardiovascular Disease

Matthew Wheeler, MD, PhD
Instructor, Cardiovascular Medicine

Carolyn Ho, MD
Associate Professor (Cardiovascular Medicine)
Medical Director of the Cardiovascular Genetics Center, Harvard Medical School
Brigham and Women’s Hospital

Jodie Ingles, PhD, MPH
Senior Lecturer, Sydney Medical School, University of Sydney, Research Officer, Molecular Cardiology Program, Centenary Institute, Cardiac Genetic Counsellor, Royal Prince Alfred Hospital

Steven Lubitz, MD, MPH
Cardiac Electrophysiologist
Massachusetts General Hospital
Assistant Professor of Medicine
Harvard Medical School

Calum Macrae, MD, PhD
Associate Professor and Chief
Cardiovascular Medicine, Harvard Medical School
Brigham and Women’s Hospital

Dianna Milewicz, MD, PhD
Division Director and Professor
Vice Chair, Medical Genetics
McGovern Medical School
The University of Texas
Health Sciences Center at Houston

Anjali Owens, MD
Assistant Professor of Medicine
University of Pennsylvania

Chris Semsarian, MBBS, PhD, MPH, FRACP, FCSANZ, FHR, FAHA
Professor of Medicine, University of Sydney
Head, Molecular Cardiology Program, Centenary Institute
Cardiologist, Royal Prince Alfred Hospital

Eric Sijbrands, MD, PhD
Professor of Internal Medicine
Erasmus Medical College
Rotterdam, The Netherlands

Faculty Disclosure
The Stanford University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of faculty and commercial relationships will be made prior to the activity.

Commercial Support Acknowledgement
This CME activity is supported in part by educational grants. A complete list of commercial supporters will be published in the course syllabus.
Thursday, June 21, 2018

7:00–8:00 am  **Registration and Light Breakfast**
8:00–8:10  **Welcome & Announcements**
Euan Ashley, FRCP, DPhil, FACC

**Panel: Familial Hypercholesterolemia (FH)**
Moderators: Tia Moscarello, MS, LCGC and David Maron, MD
8:10–8:30  **Population Scale Screening for FH**
Eric Sijbrands, MD, PhD

8:30–8:45  **Should We Test Children for FH?**
James Priest, MD

8:45–9:00  **Should We Treat FH in Children?**
Cindy Lamendola, NP

9:00–9:20  **Comprehensive FH Care for Individuals, Their Families and the Public**
Joshua Knowles, MD, PhD

9:20–10:00  **Panel Discussion and Q & A**
10:00-10:30  **Break**

10:30-12:15 pm  **Panel: Exercise in Inherited Cardiovascular Disease**
**Sports Cardiology**
Moderators: Kate Beutner, NP and Jonathan Myers, PhD
10:30-10:45  **Exercise in Hypertrophic Cardiomyopathy: The RESET Study and More**
Sharlene Day, MD

10:45-11:00  **Exercise in Dilated and Arrhythmogenic Cardiomyopathy**
Anjali Owens, MD

11:00-11:15  **Cardiopulmonary Testing in Patients and Athletes**
Jonathan Myers, PhD

11:15-11:30  **Impact of Exercise Limitations on Quality of Life and Family**
Julia Platt, MS, LCGC

11:30-12:15  **Panel Discussion and Q&A**
12:15-1:30  **Lunch**

1:30-3:30  **Panel: Inherited Arrhythmia - What’s New?**
Moderators: Karim Sallam, MD and Colleen Caleshu, MS, LCGC
1:30-1:45  **New Insights into Cardiac Channelopathies**
Steven Lubitz, MD, MPH

1:45-2:00  **Early Onset Atrial Fibrillation**
Marco Perez, MD

2:00-2:15  **New Therapies for Arrhythmogenic Disease**
Calum Macrae, MD, PhD

2:15-2:30  **Puzzling Pediatric Arrhythmias**
Anne M. Dubin, MD

2:30-2:45  **Genetic Counseling for Inherited Arrhythmia Syndromes**
Jodie Ingles, PhD, MPH

2:45-3:30  **Panel Discussion and Q & A**
3:30-4:00  **Break**

4:00-6:00  **Panel: Marfan Disease and Aortopathies**
Moderators: Mitchel Pariani, MS, LCGC and Aistė Narkevičiūtė, MS, LCGC

4:00-4:15  **Genetics of Aortopathies**
Dianna Milewicz MD, PhD

4:15-4:30  **Imaging the Heart and Blood Vessels**
Dominik Fleischmann, MD

4:30-4:45  **Connective Tissue Disease and Children**
Tom Collins, MD

4:45-5:00  **Aortic Emergencies and Their Surgical Treatment**
David Liang, MD, PhD

5:00-5:15  **Psychological Issues in Aortopathies**
Valerie Hoover, PhD

5:15–6:00  **Panel Discussion and Q&A**
6:00-6:10  **Closing Remarks**
6:10  **Adjourn**

7:00-9:30 pm  **Dinner (No CME)**
Thomas Fogarty Winery

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Friday, June 22, 2018

7:00–8:00 am  **Light Breakfast**
8:00–8:05  **Announcements**
Euan Ashley, FRCP, DPhil, FACC

8:05-10:00  **Breakout Sessions (choose one)**
10:05-10:35  **Panel: Familial Cardiomyopathy**
Moderators: Karim Sallam, MD and Colleen Caleshu, MS, LCGC

10:35-10:50  **Classifying Cardiomyopathy: New Insights into Pathophysiology**
Chris Semsarian, MBBS, PhD, FRACP, FCSANZ, FHRS, FAHA

10:50-11:05  **Arrhythmic Cardiomyopathy – ARVC is Only the Beginning**
Victoria Parikh, MD

11:00-11:15  **Cardiomypathy in the Young**
Beth Kaufman, MD

11:15-11:30  **New Insights into Preclinical and Early Stage Hypertrophic Cardiomyopathy**
Carolyn Ho, MD

11:30-11:35  **New Therapies for Hypertrophic Cardiomyopathy**
Matthew Wheeler, MD, PhD

11:35-11:50  **Panel Discussion and Q&A**
11:50-12:35  **Closing Remarks**
12:35-12:45  **Adjourn**

Opportunities for Q&A will be provided at the conclusion of each of each presentation.
Statement of Need
This conference seeks to fulfill the need among clinicians, nurses, and genetic counselors who treat and/or refer patients with cardiac conditions to increase and improve the fund of knowledge as well as procedural skill set for the prevention of sudden death, treatment of inherited cardiovascular disease, and cardiovascular care of the trained athlete. The workshop will utilize lectures, breakout tracks by specialty, interdisciplinary sessions, and case-based learning.

Target Audience
This national conference is designed to meet the needs of Physicians, Nurses, Genetic Counselors, and other Allied Health Professionals specializing in:

- Cardiology
- Primary Care
- Family Practice
- Internal Medicine
- Pediatrics
- Electrophysiology

Learning Objectives
At the conclusion of this activity, participants should be able to:

- Apply updated American College of Cardiology (ACC) and American Heart Association (AHA) guidelines for:
  - Diagnosing and managing patients with hypertrophic cardiomyopathy.
  - The use of genetic testing for the diagnosis and management of inherited cardiovascular disease.
- Develop a strategy to evaluate and provide preventive treatment for patients and athletes within sports cardiology with conditions known to be associated with sudden cardiac death.
- Apply 2015 American heart Association (AHA) and Europea Atherosclerosis Society (EAS) pediatric guidelines for diagnosing and managing patients with Familial Hypercholesterolemia, Marfan Syndrome and other aortic disorders.
- Apply 2017 ACC/AHA/HRS guidelines for the evaluation and management of patients with syncope and familial cardiac arrhythmias.

Accreditation
The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (AccME) to provide continuing medical education for physicians.

Credit Designation
Stanford University School of Medicine designates this live activity for a maximum of 11.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; the California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements.

Nurses will receive a Certificate of Attendance following this activity that may be used for critical information including registration.

Registration
Registration fee includes course materials, certificate of participation, breakfast and lunch. Register online with Visa or Master Card by visiting cme.stanford.edu/cardia. If you prefer to pay by check or need assistance, please call (650) 497-8554 or email stanfordcme@stanford.edu. Be sure to register with an email address that you check frequently. Your email address is used for critical information including registration.

Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu. We are not responsible for other costs incurred such as nonrefundable airline tickets or hotel penalties.

Conference Location & Contact Information
Paul Brest Hall
555 Salvatierra Walk, Stanford, California 94305
(650)723-6776

Directions
For driving directions and maps to Paul Brest Hall please visit https://tinyurl.com/PaulBrestHall

Parking
Parking Parking Structure (PS)6 is the closest garage to Paul Brest Hall. Parking rates are $2.50/hour or $12.00/day. For your convenience you can download the Parkmobile app to expedite payment or pay at the kiosk in the parking garage.

Marguerite Shuttle
Marguerite Shuttle service is available at the Palo Alto Transit Center (Caltrain platform) on the southbound side of the tracks, (one block from the Sheraton Palo Alto and the Westin Palo Alto). Take the Y Line from Palo Alto Caltrain to Campus Drive and Arguello Way.

Accommodations
For your convenience room blocks have been established at the Sheraton Palo Alto and the Westin Palo Alto. There are a limited number of rooms available on a first come first served basis. Room reservations should be made directly with each hotel.

Sheraton Palo Alto – Reserve by May 18, 2018
625 El Camino Real, Palo Alto, (650) 328-2800
Reference “Stanford CARDIA Conference” when booking.
Room Rate, June 20-21, 2018: $349 (plus tax and fees)
Room Rate, June 22, 2018: $149 (plus tax and fees)
Valet Parking: $23/day, Self-parking: $18/day

West Palo Alto – Reserve by May 18, 2018
675 El Camino Real, Palo Alto, 9650) 321-4422
Reference “Stanford CARDIA Conference” when booking.
Room Rate, June 20-21, 2018: $429 (plus tax and fees)
Valet Parking: $23/day, Self-parking: $18/day

Other area hotels with Stanford discounted rates are available and listed on the conference website.

Visitor Information
The Stanford campus offers a wealth of sightseeing and educational opportunities for tourists and first-time visitors. Click here to learn more about visiting the area.

Contact Information
For questions about the symposium, please contact Mary Sisney, CME Conference Coordinator, at (650) 724-7166 or email msisney@stanford.edu.

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Early Bird Rate After May 21, 2018
Physicians $595 $695
Nurses and Allied Health Professionals $350 $400
Student/Trainee $135 $160

OPTIONAL Dinner at Thomas Fogarty Winery $100pp
Open to conference registrants and their guests

REGISTER AT CME.STANFORD.EDU/CARDIA