4th Annual
Full Spectrum of Heart Failure Therapy: Managing the Trajectory

Friday & Saturday
October 20–21, 2017
Four Seasons Hotel
99 Union Street
Seattle, WA 98101

Sponsored by the University of Washington School of Medicine
Divisions of Cardiology and Cardiothoracic Surgery
Office of Continuing Medical Education
WHO SHOULD ATTEND
Primary care physicians, hospitalists, cardiologists, intensivists, palliative care physicians, cardiac surgeons, fellows and residents, advanced care practitioners, nurses, pharmacists and allied health professionals.

COURSE DESCRIPTION
The University of Washington Divisions of Cardiology and Cardiothoracic Surgery welcome you to a comprehensive review of the management of heart failure. Faculty will cover cutting-edge topics pertinent to the practicing clinician working with heart failure patients of varying severity and etiology. There will be informative didactics, interesting case discussions and lively debates.

COURSE OBJECTIVES
Upon completion of this activity, attendees should be able to:
• Review the epidemiology of heart failure of varying types and severity.
• Describe the medical and surgical management of heart failure.
• Discuss results of recent clinical trials.
• Recognize new technology and innovations for heart failure treatment.

ACCREDITATION
Accreditation with Commendation
The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation
The University of Washington School of Medicine designates this live activity for a maximum of 12.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FEES AND REGISTRATION
The fee for this course includes catering, all instruction materials (electronic) and certificate of attendance. To ensure enrollment, please complete the enclosed registration form and forward it with the appropriate tuition or register online. Allow up to fifteen working days to receive your email confirmation of enrollment. If you have not received confirmation prior to your departure for the course, please contact the CME office at 206.543.1050. Continuing Medical Education will not be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the course.

ONLINE PRESENTATIONS AND MATERIALS
Syllabus materials will be available for conference registrants at uwcmep.org. Materials will be available beginning October 13 for registrants to print and/or download. A booklet with the conference agenda and pages for note-taking will be provided at the conference. No printed materials will be available.
ATTENDANCE POLICY
Activities are reserved for course attendees. Badges provided at registration are required for entrance into all functions and this requirement will be strictly enforced.

DIETARY REQUESTS
UW CME takes into consideration diverse nutritional preferences and restrictions when planning our complimentary menu. However, those individuals who might find that our menu is not completely aligned to their specific nutritional needs are welcome to bring their own food items.

CANCELLATION POLICY
The Office of Continuing Medical Education must receive written notification of your cancellation by October 6, 2017. A $75.00 processing fee will be deducted from refund requests received by this date. No refunds will be issued after October 6, 2017. The Office of Continuing Medical Education reserves the right to cancel this course twenty (20) days prior to the course date when a minimum enrollment is not met or for other reasons that prevent the University from holding the course. Each registrant will be notified by telephone followed by written notification and a full refund. The University of Washington is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties. Contact CME with questions — call 206.543.1050, fax 206.221.4525 or email cme@uw.edu.

SPECIAL SERVICES
Please inform the CME Office ten days in advance of the conference start date if you will need to utilize lactation services.
Continuing Medical Education at the University of Washington is a self-sustaining unit and does not depend on or receive public monies in support of its educational efforts. Fees for this course are estimated to cover the costs of conducting this course. These costs include salaries, registration and credit, handouts, record keeping, faculty planning and evaluation and may include food, beverages, taxes and gratuities to vendors. The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era veteran in accordance with University policy and applicable federal and state statutes and regulations. The University of Washington is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process contact the department at: 206.543.1050 or the Disability Services Office at least ten days in advance.

Disability Services
Office 206.543.6450/Voice • 206.543.6452/TTY
206.685.7264/Fax • e-mail: dso@uw.edu
UW COURSE CO-CHAIRS

Nahush Mokadam, MD, FACC, FACS
Lester and Connie LeRoss Endowed Professor in Cardiovascular Surgery
Professor of Surgery, Division of Cardiothoracic Surgery
Surgical Director, Heart Transplant and Mechanical Circulatory Support
Program Director, Cardiothoracic Residency

Claudius Mahr, DO, FACC, FESC
Associate Professor of Clinical Medicine and Cardiac Surgery
Medical Director, Mechanical Circulatory Support
Director, Clinical Integration, UW Regional Heart Center
Advanced Heart Failure and Transplant Cardiology

Jennifer Beckman, MSN, ARNP, CHFN
Teaching Associate
Advanced Heart Failure and Transplant Cardiology
Division of Cardiology

Jason Bjelkengren, BSN, RN, CCRN
Program Manager, Advanced Heart Failure, Cardiac Transplant and Mechanical Circulatory Support
UW Medical Center

KEYNOTE SPEAKERS

Eugene Braunwald, MD
Distinguished Hersey Professor of Medicine
Harvard Medical School
Founding Chairman, TIMI Study Group
Brigham and Women’s Hospital
Boston, MA

Shashank S. Desai, MD
Medical Director, Heart Failure/Transplant Heart & Lung Transplant and Disease Management Programs
Director, Ambulatory Services
Inova Heart & Vascular Institute
Falls Church, VA
GUEST FACULTY

Joshua Busch, MD  
Cardiac Rehab Medical Director  
Southlake Clinic  
Renton, WA

Renee Iverson, NP  
CHF Nurse Practitioner  
Rocky Mountain Heart and Lung  
Kalispell, MT

Antony Kim, MD  
Cardiologist  
Evergreen Health Medical Center  
Kirkland, WA

James Kneller, MD  
Electrophysiologist  
Yakima Regional Medical & Cardiac Center  
Yakima, WA

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Robert M. and Patricia Arnold Endowed Medical Director for Heart Failure  
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Gautam Nayak, MD  
Cardiologist  
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Medical Director for Heart Failure  
CHI Franciscan Health  
Tacoma, WA

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CHI Francisican Health  
Federal Way, WA

Lisa Stiller, MD  
Palliative Care Physician  
Providence Health and Services  
Spokane, WA

UW FACULTY

Nazem Akoum, MD  
Associate Professor  
Division of Cardiology  
Director, Atrial Fibrillation Program

Alberto Aliseda, PhD  
Associate Professor  
Department of Mechanical Engineering

Shauna Andrus, BSN, RN  
Lead Mechanical Circulatory Support Coordinator  
UW Medical Center

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Assistant Professor  
Division of Cardiology

Todd Dardas, MD  
Acting Assistant Professor  
Division of Cardiology

Steven Farris, MD  
Acting Instructor  
Division of Cardiology

Daniel Fishbein, MD  
Professor  
Division of Cardiology  
Medical Director, Advanced Heart Failure/Transplant

Kevin Koomalsingh, MD  
Assistant Professor  
Division of Cardiothoracic Surgery

Heidi Kresken, ARNP  
Advanced Heart Failure/Heart Transplant  
Division of Cardiology

Andrew Larson, RN  
Advanced Heart Failure  
UW Medical Center
Peter Leary, MD  
Assistant Professor  
Division of Pulmonary and Critical Care Medicine  

Wayne Levy, MD, PhD, MHS  
Professor  
Medical Director, Regional Heart Center Clinic  
Division of Cardiology  

Shin Lin, MD, PhD, MHS  
Assistant Professor  
Division of Cardiology  

Robb MacLellan, MD  
Robert A. Bruce Endowed Chair in Cardiovascular Research  
Professor and Head  
Division of Cardiology  

Mariah Martin, ACNP-BC  
Teaching Associate  
Division of Cardiology  

Ryan Martin, MD  
Assistant Professor  
Division of Cardiology  

Jamie McCabe, MD  
Assistant Professor  
Director, Cardiac Cath Lab  
UW Medical Center  

Elina Minami, MD  
Clinical Associate Professor  
Division of Cardiology  

Kevin O’Brien, MD  
Professor  
Division of Cardiology  

Susan Pambianco, MSN, ARNP  
Teaching Associate  
Division of Cardiology  

Pablo Sanchez, MD  
Assistant Professor  
Division of Cardiothoracic Surgery  
Thoracic Surgery Section  

Michelle Sharp, RN  
Advanced Heart Failure/Heart Transplant  
UW Medical Center  

Jason Smith, MD  
Assistant Professor of Surgery  
Division of Cardiothoracic Surgery  
Associate Surgical Director, Heart Transplant and Mechanical Circulatory Support  

April Stempien-Otero, MD  
Craig Tall Family Endowed Chair in Heart Failure Research  
Associate Professor  
Division of Cardiology  

Karen Stout, MD  
Associate Professor  
Division of Cardiology  

Jason Tran, MSW  
Clinical Social Worker  
UW Medical Center  

Gregory Wood, MD  
Clinical Assistant Professor  
Division of Cardiology  

Brenda Zierler, PhD, RN  
Professor, BNHS Department  
School of Nursing  
Co-Director, UW Center for Health Sciences IPE, Research and Practice
7:00  Registration and Continental Breakfast
7:30  Welcome Remarks
Claudius Mahr, DO
7:35  Northwest Heart Failure Collaborative
Brenda Zierler, PhD, RN

Heart Failure Clinical Fundamentals
Moderators: Nahush Mokadam, MD & Jennifer Beckman, MSN, ARNP
7:45  Heart Failure Fundamentals: Physiology and Current Guidelines
April Stempien-Otero, MD
8:15  Heart Failure Therapy: What’s New and Novel in 2017
Keynote Speaker: Eugene Braunwald, MD
8:45  Atrial Fibrillation in Heart Failure: When Regular is Better than Irregular
Nazem Akoum, MD
9:15  Transitions of Care: How to Avoid Heart Failure Readmissions
Todd Dardas, MD; Mariah Martin, ARNP; Michelle Sharp, RN
9:45  Break

What’s New: Recent Advancements in Heart Failure Care
Moderators: Claudius Mahr, DO & Jason Bjelkengren, BSN, RN
10:30 How to Manage Heart Failure in the Community
Tony Saraon, MD
11:00 Integrating Specialties: Cardio-Oncology
Richard Cheng, MD
11:30 Transcatheter Therapies for Heart Failure
Jamie McCabe, MD
12:00 Remote Pulmonary Pressure Artery Monitoring
Gregory Wood, MD
12:30 Lunch (provided)
Hot Topics in Cardiology
Moderators: Nahush Mokadam, MD & Jennifer Beckman, MSN, ARNP

1:15 Pulmonary Hypertension
Peter Leary, MD, MS

1:45 Growth and Technology: Mechanical Circulatory Support
Keynote Speaker: Shashank Desai, MD

2:15 Adult Congenital Heart Disease
Karen Stout, MD

2:45 Sleep Disordered Breathing in the Heart Failure Population
Wayne Levy, MD

3:15 Shared Care: Keeping VAD Patients in the Community
Shashank Desai, MD; Shauna Andrus, RN; Rosemary Peterson, MD; Renee Iverson, NP

3:45 Break

Multidisciplinary Pearls to Optimize Heart Failure Management
Moderators: Claudius Mahr, DO & Jason Bjelkengren, BSN, RN

4:15 Utilizing Cardiac Rehab in Heart Failure
Joshua Busch, MD

4:45 Heart Failure in Vulnerable Patients
Jason Tran, MSW

5:15 Respecting Goals of Care
Lisa Stiller, MD

5:45 Heart Failure Case Studies
Tony Kim, MD; Ryan Martin, MD; Kevin Koomalsingh, MD; Gautam Nayak, MD

6:15 Closing Remarks
Nahush Mokadam, MD

6:30 Adjourn to Reception
8:30  Sign-In and Continental Breakfast

Concurrent Sessions (choose one track):
Acute Heart Failure Management
Basic Science
General Heart Failure Management

Acute Heart Failure Management Track
Moderators: Pablo Sanchez, MD & Shauna Andrus, RN
9:00  Door to Support: Cardiogenic Shock Management
      Kevin O’Brien, MD
9:30  Every Nephron Counts: Preventing Cardiorenal Syndrome
      Carrie Boom, ARNP
10:00 Device Selection for Short Term Support
      Jason Smith, MD
10:30 Exceeding your Local Resources: Choosing to Transfer
      John Mignone, MD, PhD
11:00  Panel Discussion

Basic Science Track
Moderators: Stephen Farris, MD & Richard Cheng, MD
9:00  Bench to Bedside: Unlocking the Potential of Bridge to Recovery
      April Stempien-Otero, MD
9:30  Cardiac Regeneration
      Robb MacLellan, MD
10:00 Translational Research in Heart Failure: Fundamentals of Biobanking
      Shin Lin, MD
10:30 Optimizing Biocompatibility: Insights from Patient-Specific Modeling
      Alberto Aliseda, PhD
11:00  Panel Discussion

General Heart Failure Management Track
Moderators: Elina Minami, MD & Daniel Fishbein, MD
9:00  Navigating the Heart Failure Discharge
      Susan Pambianco, ARNP
9:30  Heart Failure Education: How to Bring it Home
      Andrew Larson, RN
10:00 Climbing the Heart Failure Medication Ladder
      Todd Dardas, MD
10:30 Sink or Swim: The When and How of Cardiac Death Prevention
      James Kneller, MD
11:00  Panel Discussion

End Concurrent Sessions
11:15 Break

**Putting It All Together**

11:45 The Great Debate

*Nahush Mokadam, MD – The Future of Advanced Heart Failure Therapy is Surgical*

*Claudius Mahr, DO – The Future of Advanced Heart Failure Therapy is Medical*

12:30 Closing Remarks

*Nahush Mokadam, MD; Claudius Mahr, DO*

1:00 Adjourn

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**HOTEL ACCOMMODATIONS**

The University of Washington has contracted for a limited number of rooms at the conference hotel. To make reservations, please contact the hotel directly at the number below and reference the “University of Washington rate.” After September 18, 2017, this rate and accommodations may not be available. The University of Washington accepts no further responsibility for lodging.

*Four Seasons Hotel Seattle*

Reservations: Local: 206.749.7000 | 1.800.819.5053

http://www.fourseasons.com/seattle/

starting at $289.00 per night (excluding taxes and fees)
**4th Annual**
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### REGISTRATION

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### PAYMENT

*Residency Program, if applicable ________________________________

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**RETURN COMPLETED REGISTRATIONS**

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Seattle, WA 98195-9441

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