



Northwestern Medicine® is the shared vision that joins Northwestern Memorial HealthCare and Northwestern University Feinberg School of Medicine in a collaborative effort to transform medicine through quality healthcare, academic excellence and scientific discovery.

Bluhm Cardiovascular Institute
251 East Huron, Galter Suite 11-140
Chicago, Illinois 60611

The 7th Annual Chicago Cardiovascular Update Meeting

Chicago, Illinois



Non-Profit
U.S. Postage
PAID
Permit #374
Skokie, IL



The 7th Annual Chicago Cardiovascular Update Meeting

July 19-21, 2018
Chicago, Illinois

Sponsored by:
Bluhm Cardiovascular Institute
at Northwestern Medicine and
Northwestern University
Feinberg School of Medicine
Office of Continuing Medical Education

REGISTER TODAY! Northwestern.Cloud-CME.com
Or for more info visit CVConferences.com



**AMERICAN
COLLEGE of
CARDIOLOGY**

Endorsed by the American College of Cardiology

We are pleased to invite you to the 7th Annual Chicago Cardiovascular Update Meeting, July 19-21, 2018. Building on our past success and your thoughtful feedback, we are once again bringing to the community a contemporary scholarly update in cardiovascular medicine presented by highly regarded national experts both here at Northwestern University and beyond, in an interactive format that takes advantage of the great summer experiences offered in Chicago.

As has become our profile, we will adopt an evidence-based, guideline-driven update of the critical domains in cardiovascular medicine. We will especially focus our update on hypertension, prevention, heart failure, atrial fibrillation, valvular heart disease, and acute coronary syndromes. Significant new data and guidelines from 2017–2018 will represent the platform for our discussions. We are once again benefitted by the presence of lead authors and writing group committee members who are on our faculty and others with whom we frequently collaborate.

In our two and a half day meeting, we have allowed ample time for discussion, including small group networking sessions. As before, we will use contemporary audience response technology to allow real-time questions and answers. We will once again work with the American College of Cardiology (ACC) to obtain access to the General Cardiology maintenance of certification (MOC) module and will incorporate MOC sessions in this year's program. After completion of this year's Cardiovascular Update, physicians will be able to claim up to 10 points towards the American Board of Internal Medicine (ABIM) MOC. The cost for this is included in the physician registration fee and we believe that this is a value for all attendees and faculty.

We hope you join us for the 7th Annual Chicago Cardiovascular Update Meeting and that you and your family will share a fabulous summer weekend with us in Chicago.

Our Chicago Cardiovascular Update has become THE cardiovascular CME program to attend over the summer — we look forward to seeing you!

Best regards,

Clyde Yancy, MD, MSc, Chair
Charles Davidson, MD, Co-Chair
Patrick McCarthy, MD, Co-Chair

Program Information

Learning Objectives

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

1. Outline strategies for the treatment of hypertension, hyperlipidemia, arteriosclerotic heart disease, and diabetes, including the use of newer pharmacological agents and lifestyle therapies.
2. Identify candidates for cardiac resynchronization and wearable versus implantable cardioverter-defibrillator therapies.
3. Encourage gender-specific approaches toward the prevention of cardiovascular health.
4. Describe current and emerging treatment options for patients with valvular heart disease.
5. List the latest recommendations for the management of pulmonary embolism, ST, and non-ST elevation MI.
6. Discuss treatment options for the heart failure patient including acute and advanced failure.
7. Apply knowledge gained in the conference through clinical case review and MOC cases.

Target Audience

This continuing medical education program is designed to meet the educational needs of physicians and all other health care providers who participate in the care of adult patients with, or at risk for cardiovascular disease.

Conference Location

This program will be held at Northwestern Memorial Hospital, Conference Room A on the third floor of the Feinberg Pavilion at 251 E Huron Street, Chicago, Illinois 60611.

Accreditation Statement

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

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this live CME activity for a maximum of 14.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Credits:

The American Academy of Nurse Practitioners and the American Nurses Credentialing Center accept *AMA PRA Category 1 Credit(s)*[™] from organizations accredited by the ACCME.

Cancellation Policy

Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration fee, minus \$50 administrative charge, will be refunded if cancellation is received by June 8, 2018.

Registration

You may register online at:

northwestern.cloud-cme.edu. An email confirmation will be sent once your registration is complete. If you do not receive a confirmation, please contact the office of CME at **cme@northwestern.edu** or by phone at **312-503-8533**. Registrations can also be mailed with a check made payable to Northwestern University. Registrations will not be accepted by telephone.

Special Needs

The Feinberg School of Medicine fully intends to comply with the legal requirements of the Americans with Disabilities Act. If any participant of this conference is in need of accommodation, please indicate those needs on the registration form or submit a written request to the Office of CME at least one month prior to the conference date.

Hotel

Rooms have been reserved at the Hyatt Centric Chicago Magnificent Mile and will be available for a special symposium rate of \$269.00 (single/double occupancy), plus 17.4% tax. The Hyatt Centric is located at 633 N. St. Clair Street, Chicago, IL. Please contact the Hyatt directly at (888) 591-1234 or <https://book.passkey.com/go/NU7thCardiovascularUpdate> to make your reservations. To receive the reduced room rate, reservations must be made by June 21, 2018, and identify yourself as a registrant of the Northwestern Cardiovascular Update Conference. Reservations made after June 21st are subject to availability at regular hotel rates. The room block may fill prior to the cutoff date, so be sure to make your arrangements early.

Faculty Disclosure

Northwestern University FSM requires course directors, speakers, instructors, planners and other individuals who are in a position to control the content of this activity to disclose any relevant financial relationships. All identified potential conflicts of interest, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations are thoroughly vetted by Northwestern University FSM for fair balance. The faculty disclosures will be indicated in the course syllabus.

Course Directors

Clyde Yancy, MD, MSc

Chief, Cardiology
Associate Director, Bluhm Cardiovascular Institute
Vice Dean, Diversity & Inclusion
Magerstadt Professor of Medicine
Professor, Medical Social Sciences

Charles Davidson, MD

Clinical Chief, Cardiology
Medical Director, Bluhm Cardiovascular Institute
Professor of Medicine
Vice Chairman of Clinical Affairs Department of Medicine

Patrick McCarthy, MD

Chief, Division of Cardiac Surgery
Executive Director, Bluhm Cardiovascular Institute
Heller-Sacks Professor of Surgery

Invited Faculty

George Bakris, MD

Director, ASH Hypertension Center
University of Chicago Medicine
Professor of Medicine
University of Chicago Pritzker School of Medicine

Phillip Cuculich, MD

Associate Professor of Medicine
Washington University School of Medicine at St. Louis

Carl Lavie, Jr., MD

Medical Director, Cardiac Rehabilitation and Prevention
Director, Stress Testing Laboratory
Ochsner Health System

Clifford Robinson, MD

Chief of Service, Stereotactic Body Radiation Therapy (SBRT)
Director, Clinical Trials & Clinical Informatics
Associate Professor of Radiation Oncology
Washington University School of Medicine at St. Louis

Jennifer Robinson, MD, MPH

Professor of Epidemiology
University of Iowa Carver College of Medicine

Mary Walsh, MD

Medical Director, Heart Failure and Cardiac Transplantation
Director, Nuclear Cardiology
St. Vincent Heart Center
President, American College of Cardiology

Northwestern University Feinberg School of Medicine Faculty

Allen Anderson, MD

Medical Director, Heart Transplantation and Mechanical Assistance Center for Heart Failure
Professor of Medicine

Keith Benzuly, MD

Associate Professor of Medicine

Robert Bonow, MD, MS

Vice Chair for Development and Innovation, Department of Medicine
Max and Lilly Goldberg Distinguished Professor of Cardiology

James Flaherty, MD

Medical Director, Coronary Care Unit
Associate Professor of Medicine

Nicholas Furiasse, MD, MS

Health System Clinician

Kambiz Ghafourian, MD

Assistant Professor of Medicine

Susan Kim, MD

Associate Professor of Medicine

Bradley Knight, MD

Medical Director, Center for Heart Rhythm Disorders
Director, Cardiac Electrophysiology
Chester C. and Deborah M. Cooley Distinguished Professor of Cardiology

S. Chris Malaisrie, MD

Associate Professor of Surgery
Surgical Director, Bicuspid Aortic Valve Program and Pulmonary Endarterectomy Team

Ike Okwuosa, MD

Assistant Professor of Medicine

Rod Passman, MD

Professor of Medicine and Preventive Medicine

Duc Thinh Pham, MD

Surgical Director, Heart Transplantation and Mechanical Assistance Center for Heart Failure
Associate Professor of Surgery

Mark Ricciardi, MD

Chief, Cardiac Catheterization and Interventional Cardiology
Medical Director, Center for Coronary Disease
Associate Professor of Medicine

Jonathan Rich, MD

Associate Director, Mechanical Circulatory Support Program
Associate Professor of Medicine

Daniel Schimmel Jr., MD, MS

Director, Pulmonary Embolism Response Team
Assistant Professor of Medicine

Sanjiv Shah, MD

Director, Heart Failure with Preserved Ejection Fraction Program
Professor of Medicine

Neil Stone, MD

Medical Director, Center for Vascular Disease
Robert Bonow, MD, Professor
Professor of Medicine and Preventive Medicine

Ranya Sweis, MD

Assistant Professor of Medicine

James Thomas, MD

Medical Director, Center for Heart Valve Disease
Professor of Medicine

Patricia Vassallo, MD

Assistant Professor in Medicine

Esther Vorovich, MD

Assistant Professor of Medicine

John Wilkins, MD, MSCI

Assistant Professor of Medicine and Preventive Medicine

Agenda

Thursday, July 19, 2018

1:00–1:15pm **Welcome & Orientation**
Clyde Yancy, MD, MSc

Session I: Cardiovascular Risk Assessment and Treatment

Moderators: Patricia Vassallo, MD, and
Clyde Yancy, MD, MSc

1:15–1:35pm **Hypertension- Did the New
Hypertension Guidelines Go Too Far?**
George Bakris, MD

1:35–1:55pm **Dyslipidemia- When Statins Don't
Work: Next Steps?**
Jennifer Robinson, MD, MPH

1:55–2:15pm **Atherosclerotic Cardiovascular
Disease- Advanced Risk Reduction
Therapy: Targeting Inflammation?
Coronary Calcium? Lp(a)?**
John Wilkins, MD, MSCI

2:15–2:35pm **HFpEF- Have We Thought About
Prevention?**
Sanjiv Shah, MD

2:35–3:05pm **HFrEF- Hypertension, Diabetes,
Obesity and Biomarkers: Targeting
Prevention**
Clyde Yancy, MD, MSc

3:05–3:45pm **Case Presentations with MOC
Questions and Panel Discussion**
Panel: Neil Stone, MD
George Bakris, MD
Sanjiv Shah, MD
John Wilkins, MD, MSCI
Jennifer Robinson, MD, MPH
Patricia Vassallo, MD
Clyde Yancy, MD, MSc

3:45–4:15pm **Break**

4:15–5:00pm **Updates from the ACC**
Featured Speaker: Mary Walsh, MD

5:00–5:30pm **Question and Answer**
Panel: Mary Walsh, MD
Ranya Sweis, MD
Clyde Yancy, MD, MSc

5:30pm **Adjourn**

**Welcome Reception & Annual Arthur C. Nielsen, Jr.
Symposium**
Thursday, July 19, 2018
5:30–8:00pm

Arthur C. Nielsen, Jr. Memorial Lecture
"Is Fat Bad?"
Carl Lavie, Jr., MD

Friday, July 20, 2018

Session II: Arrhythmias

Moderators: Bradley Knight, MD, and Rod Passman, MD

9:00–9:20am **Re-visiting the Natural History of AF:
Who is at Risk for Stroke and What
are the Best Approaches?**
Rod Passman, MD

9:20–9:40am **Drug Therapies vs. Ablation for AF: in
Whom and When?**
Susan Kim, MD

9:40–10:00am **Who Still Needs an ICD for Primary
Prevention?**
Bradley Knight, MD

10:00–10:30am **The Use of Radiation Therapy for
Heart Disease**
Clifford Robinson, MD

10:30–11:00am **VT Ablation: Thinking Outside the
Catheters**
Phillip Cuculich, MD

11:00–11:45am **Case Presentations with MOC
Questions and Panel Discussion**

11:45am–1:00pm **Lunch**

Session III: Interventional Cardiology Part I— Percutaneous Valve Therapies

Moderators: Robert Bonow, MD, MS,
Charles Davidson, MD, and Patrick McCarthy, MD

1:00–1:20 pm **Mitral Therapy**
Mark Ricciardi, MD

1:20–1:40pm **Tricuspid Therapy**
Charles Davidson, MD

1:40–2:00pm **Aortic Therapy**
James Flaherty, MD

Saturday, July 21, 2018

7:30–8:00am Breakfast

Session IV: Heart Failure

Moderators: Allen Anderson, MD, Nicholas Furiasse, MD, and Duc Thinh Pham, MD

8:00–8:30am **Keynote Presentation: A Review: The 2017 ACC HF Guidelines & Expert Consensus Pathway for Optimization of Heart Failure Treatment**
Clyde Yancy, MD, MSc

8:30–9:00am **Wearable Defibrillators in HF: What Should Your Practice Be?**
Kambiz Ghafourian, MD

9:00–9:30am **Sleep Apnea, Iron Deficiency and AF in Heart Failure: Addressing the Important Co-morbidities**
Ike Okwuosa, MD

9:30–10:00am **Amyloidosis and Heart Failure—Getting Closer to a Therapeutic Answer?**
Allen Anderson, MD

10:00–10:30am **Case Presentations with MOC Questions and Panel Discussion**
Panel: Allen Anderson, MD
Duc Thinh Pham, MD
Kambiz Ghafourian, MD
Ike Okwuosa, MD
Clyde Yancy, MD, MSc

10:30–10:45am Break

10:45–11:05am **State of the Art—Acute Heart Failure & SHOCK: Why You Should Have a SHOCK Team?**
Esther Vorovich, MD

11:05–11:25am **State of the Art—Advanced Heart Failure: Transplant: MCS & Palliative Care - When, Why, Why Not?**
Jonathan Rich, MD

11:25–11:45am **State of the Art—Advanced Heart Failure: Transplant: MCS: What Does the Future Hold?**
Duc Thinh Pham, MD

11:45–12:15pm Panel Discussion

12:15pm Closing Remarks & Course Evaluation

12:30pm Adjourn

2:00–2:20pm **Future Directions**
S. Chris Malaisrie, MD

2:20–2:40pm **Imaging**
James Thomas, MD

2:40–3:30pm **Case Presentations with MOC Questions and Panel Discussion**
Panel: Charles Davidson, MD
Mark Ricciardi, MD
James Thomas, MD
S. Chris Malaisrie, MD
James Flaherty, MD
Robert Bonow, MD
Patrick McCarthy, MD

3:30–4:00pm Break

Session III: Interventional Cardiology Part II

Moderators: TBD and Mark Ricciardi, MD

4:00–4:30pm **Keynote Presentation: Percutaneous Coronary Interventions: After ORBITA?**
Speaker TBD

4:30–4:50pm **High Risk and Protected PCI: Can We? Should We?**
Daniel Schimmel Jr., MD

QUICK HITS:

4:50–5:00pm **Coronary Revascularization Decision Making: Use Your Tools (FFR, iFR)**
Ranya Sweis, MD

5:00–5:10pm **Complete Revascularization: Tying it All Together**
James Flaherty, MD

5:15–6:00pm **Case Presentations with MOC Questions and Panel Discussion**
Panel: Mark Ricciardi, MD
Ranya Sweis, MD
Daniel Schimmel Jr., MD
Keith Benzuly, MD
Charles Davidson, MD
James Flaherty, MD

6:00pm **Attendee Happy Hour**
Hyatt Centric Chicago Magnificent Mile
633 N St. Clair Street,
Chicago, IL 60611

Registration Categories

	Full Conference (Thursday July 19 thru Saturday July 21)		1-Day (Thursday July 19)	1-Day (Friday July 20)	1-Day (Saturday July 21)
	Early Bird*	Full Rate**			
Physician	<input type="checkbox"/> \$525	<input type="checkbox"/> \$610	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
Industry Professional	<input type="checkbox"/> \$525	<input type="checkbox"/> \$610	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
Physician of Northwestern Medicine	<input type="checkbox"/> \$450	<input type="checkbox"/> \$500	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
Nurse	<input type="checkbox"/> \$350	<input type="checkbox"/> \$450	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
Physician Trainees and Other HCPs	<input type="checkbox"/> \$300	<input type="checkbox"/> \$350	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250

* Early Bird Rate if registered by June 15, 2018.

**Full Conference Rate if registered after June 16, 2018.

Physician registration fee includes access to the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) online module. Physicians can earn up to 10 MOC points valid towards the medical knowledge self-assessment requirements.

How to Register

ONLINE – northwestern.cloud-cme.com OR mail with a check made payable to:

Northwestern University
Bluhm Cardiovascular Institute
Attn Heather Munn
251 E. Huron St.
Feinberg 8-504
Chicago, IL 60611

For questions regarding registration you can email us at: cme@northwestern.edu
Registrations will not be accepted by telephone.

Please type or print

First Name: _____ MD

Last Name: _____ RN

_____ PA

_____ _____ (other)

Address: _____

City: _____ State: _____ Zip Code: _____

Daytime Phone: _____ Fax: _____

E-mail: _____

(your registration confirmation will be emailed)

Specialty: _____

 Please indicate any special needs: _____

Please indicate any dietary needs: _____

Thursday, July 19th: Welcome Reception & Arthur C. Nielsen Jr. Symposium at the Gallery at Allerton

I plan to attend: Yes _____ No _____