Third Annual
Chicago Cardiovascular Update
July 10–12, 2014
Chicago, Illinois

Special Guest Speaker:
John Gordon Harold, MD
Immediate Past President
American College of Cardiology

Course Directors:
Charles J. Davidson, MD
Patrick M. McCarthy, MD
Clyde W. Yancy, MD, MSc

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

Co-sponsored by the
American College of Cardiology
Dear Colleague,

We are pleased to invite you to the Third Annual Chicago Cardiovascular Update. Building on our past success and your thoughtful feedback, we are once again bringing to the community a scholarly update in cardiovascular medicine presented by highly regarded national experts both here at Northwestern University and beyond, in an interactive format and taking advantage of the great summer experiences 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 atrial fibrillation, valvular heart disease, hypertension, heart failure, prevention and acute coronary syndromes. Significant new statements from 2013-2014 addressing these areas, especially the cardiovascular disease prevention guidelines, will represent the platform for most of 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.

We have scheduled a two and a half day meeting that will allow ample time for discussion including small group networking sessions. As before, we will use cutting edge audience response technology to allow real-time questions and answers.

We hope you will join us for this Third Annual Chicago Cardiovascular Update and that you and your family will share a fabulous summer weekend in Chicago with us as well. This will be THE cardiovascular CME program to attend this summer — we look forward to seeing you!

Best regards,

Charles J. Davidson, MD
Patrick M. McCarthy, MD
Clyde W. Yancy, MD, MSc
Registration

Third Annual Chicago Cardiovascular Update ■ July 10-12, 2014

Physician .................................................. $ 299
Nurse/Other HCP ........................................... $ 100
Fellow/Resident ........................................... $ 100
NMH Physician/Nurse/Other HCP ................ $ 100
Industry ...................................................... $ 299

Registration fee includes access to the Online Syllabus for one year and admittance to the cocktail reception at the Museum of Contemporary Art, as well as a reception at the Hyatt Chicago Magnificent Mile.

How to register:

ONLINE: cme.northwestern.edu/conferences or mail with check to:
Northwestern University
Feinberg School of Medicine
Office of Continuing Medical Education
240 E. Huron Street, Suite 1-200
Chicago, IL 60611-3008
PHONE: 312-503-8533

Please make your check payable to Northwestern University.

Please type or print

Last Name: 

First Name: 

Address:

City: State: Zip Code:

Daytime Phone: 

Fax:

E-mail: 

(registration confirmation will be emailed)

Specialty:

Please indicate any special needs: ________________________________

Please indicate any dietary needs: ________________________________

Thursday: Reception at the Museum of Contemporary Art

Yes_______ No _______

Friday: Reception at the Hyatt Chicago Magnificent Mile

Yes_______ No _______
General Information

Learning Objectives
At the conclusion of this activity, participants should be able to:
1. Examine critical state of the art cardiovascular prevention strategies and updates on disease management
2. Review the pertinent extant guidelines addressing the contemporary practice of cardiovascular medicine
3. Discuss the options available for patients presenting with various forms of cardiovascular disease
4. Assess the advantages and limitations of current medical, surgical and interventional therapies for patients with cardiovascular disease
5. Compare and contrast the utility of various diagnostic and imaging techniques for cardiac diseases such as valvular or coronary heart disease.

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 Prentice Women’s Hospital Conference Center located on the third floor of 250 E. Superior Street, Chicago Illinois. Please contact the hospital at 312-926-2000 or prentice.nmh.org for directions and parking information.

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

Credit Designation Statement
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 18.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Other Credits
American Nurses Credentialing Center (ANCC) accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.
American Academy of Nurse Practitioners (AANP) accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.
American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME. Physician assistants may receive a maximum of 6.0 hours of credit for completing these programs.

Faculty Disclosure
Northwestern University Feinberg School of Medicine 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 are thoroughly vetted by the medical school for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations. The faculty disclosures and the discussion off-label usage will be indicated in the course syllabus.

Registration
You may register on-line at cme.northwestern.edu/conferences. An email confirmation will be sent once your registration is complete. If you do not receive a confirmation once registration is complete, please contact the Office of CME 312-503-8533. Registrations can also be mailed with a check made payable to Northwestern University. Registrations will not be accepted by telephone.

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 10, 2014.

Hotel
Rooms have been reserved at the Hyatt Chicago Magnificent Mile and will be available for a special symposium rate of $199 (single/double occupancy), plus tax. The Hyatt Chicago is located at 633 N. St. Clair Street, Chicago IL. Please contact the Hyatt directly at (888) 591-1234 or https://aws.passkey.com/g/22326202 to make your reservations. To receive the reduced room rate, reservations must be made by June 16, 2014 and identify yourself as a registrant of the Northwestern Cardiovascular Update Conference. Reservations made after June 16th 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.

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 written requests to the Office of CME at least one month prior to the conference date.

Additional Information
Contact the Office of Continuing Medical Education, Northwestern University Feinberg School of Medicine, telephone: 312-503-8533, Fax: 312-503-4531, email: nums-cme@northwestern.edu or visit our website at: cme.northwestern.edu.
Course Directors

Charles J. Davidson, MD
Medical Director
Bluhm Cardiovascular Institute
Clinical Chief, Cardiology
Professor of Medicine
Northwestern University Feinberg School of Medicine

Patrick M. McCarthy, MD
Director
Bluhm Cardiovascular Institute
Chief, Division of Cardiac Surgery
Heller-Sacks Professor of Surgery
Northwestern University Feinberg School of Medicine

Clyde W. Yancy, MD, MSc
Associate Director Clinical Programs
Bluhm Cardiovascular Institute
Chief, Division of Cardiology
Magerstadt Professor of Medicine
Northwestern University Feinberg School of Medicine

Robert O. Bonow, MD
Max and Lilly Goldberg Distinguished Professor of Cardiology
Director, Center for Cardiovascular Innovation
Northwestern Memorial Hospital
Professor of Medicine in Cardiology
Northwestern University Feinberg School of Medicine

Dan J. Fintel, MD
Cardiologist
Northwestern University Feinberg School of Medicine

Rod S. Passman, MD
Medical Director, Center for Arrial Fibrillation
Bluhm Cardiovascular Institute
Professor of Medicine
Northwestern University Feinberg School of Medicine

Jyothi Puthuman, MD
Co-Director, Bicuspid Aortic Valve Program
Bluhm Cardiovascular Institute
Assistant Professor of Medicine
Northwestern University Feinberg School of Medicine

Mark Ricciardi, MD
Chief, Cardiac Catheterization and Interventional Cardiology
Medical Director, Center for Coronary Disease
Bluhm Cardiovascular Institute
Associate Professor of Medicine
Northwestern University Feinberg School of Medicine

Jonathan Rich, MD
Cardiologist
Northwestern Memorial Hospital
Assistant Professor of Medicine
Northwestern University Feinberg School of Medicine

Vera H. Rigolin, MD
Associate Medical Director
Women’s Cardiovascular Health Program
Bluhm Cardiovascular Institute
Associate Professor of Medicine
Northwestern University Feinberg School of Medicine

Andrew Sauer, MD
Cardiologist
Northwestern Memorial Hospital
Assistant Professor of Medicine
Northwestern University Feinberg School of Medicine

Sanjiv Shah, MD
Director, Heart Failure with Preserved Ejection Fraction Program
Bluhm Cardiovascular Institute
Associate Professor of Medicine
Northwestern University Feinberg School of Medicine

Neil J. Stone, MD
Suzanne and Milton Davison Distinguished Physician and Medical Director
Center for Vascular Disease
Bluhm Cardiovascular Institute
Bonow Professor of Preventive Cardiology
Northwestern University Feinberg School of Medicine

John Wilkins, MD
Cardiologist
Northwestern Memorial Hospital
Assistant Professor in Medicine
Northwestern University Feinberg School of Medicine

Keynote Speakers

John Gordon Harold, MD
Immediate Past President
American College of Cardiology
Attending Cardiologist
Cedars-Sinai Heart Institute
Los Angeles, CA

Robert Vogel, MD
Clinical Professor of Medicine
University of Colorado Health Sciences Center
Denver, CO

Invited Faculty

George Bakris, MD
Director Hypertension Center
University of Chicago Medicine
Professor of Medicine
University of Chicago Pritzker School of Medicine

Roger Blumenthal, MD
Director, The John Hopkins Ciccarone Center for the Prevention of Heart Disease
Professor of Medicine
The Johns Hopkins Hospital

Hugh Calkins, MD
Professor of Cardiology
John Hopkins University

Ajay Kirtane, MD
Chief Academic Officer; Director Interventional Cardiology Fellowship Program
Columbia University Medical Center/ New York-Presbyterian Hospital
Assistant Professor of Clinical Medicine
Columbia University College of Physicians and Surgeons

Steven Ommen, MD
Cardiologist
Mayo Clinic
Professor of Medicine
Mayo Graduate School of Medicine, Mayo Clinic
College of Medicine

James Thomas, MD
Cardiologist and Charles and Lorraine Moore Chair of Cardiovascular Imaging
Robert and Suzanne Tomisch Department of Cardiovascular Medicine
The Cleveland Clinic
Professor of Medicine and Biomedical Engineering
Ohio State University and Case Western University.

Northwestern Faculty

Allen S. Anderson, MD
Medical Director
Heart Transplantation and Mechanical Assistance Center for Heart Failure
Bluhm Cardiovascular Institute
Professor of Medicine
Northwestern University Feinberg School of Medicine

Keith Benzuly, MD
Cardiologist
Northwestern Memorial Hospital
Professor of Medicine in Cardiology
Northwestern University Feinberg School of Medicine

Robert J. Flaherty, MD
Surgical Director
Heart Transplantation and Mechanical Assistance Center for Heart Failure
Bluhm Cardiovascular Institute
Associate Professor of Surgery
Northwestern University Feinberg School of Medicine

Chris Malaisrie, MD
Surgical Director
Bicuspid Aortic Valve Program
Bluhm Cardiovascular Institute
Associate Professor in Surgery-Cardiac Surgery
Northwestern University Feinberg School of Medicine

Issam Mikati, MD
Cardiologist
Northwestern Memorial Hospital
Associate Professor in Medicine- Cardiology and Radiology
Northwestern University Feinberg School of Medicine
Thursday, July 10, 2014

12:30 p.m. Registration
1:00 p.m. Welcome and Introduction
  Clyde W. Yancy, MD, MSc
  Charles J. Davidson, MD
  Patrick M. McCarthy, MD

SESSION I

1:15 p.m. The Prevention of Heart Disease
  Chair: Clyde W. Yancy, MD, MSc
  Panel: George Bakris, MD
  Roger Blumenthal, MD
  Donald Lloyd-Jones, MD, ScM
  Neil J. Stone, MD
  John Wilkins, MD

1:15 p.m. Hypertension – Which Guideline to Follow and Why; What Happened to Renal Denervation? What You Need to Know Today
  George Bakris, MD

1:45 p.m. Q & A and Panel Discussion

2:15 p.m. The New Prevention Guidelines: Pearls and Perils
  Neil J. Stone, MD

2:45 p.m. Risk Calculation: An Imperfect Science?
  Donald Lloyd-Jones, MD, ScM

3:15 p.m. Questions and Panel Discussion

3:45 p.m. Understanding the Risk of Heart Disease Beyond 10 Years; Can We Estimate Lifetime Risk?
  John Wilkins, MD

4:00 p.m. Questions and Panel Discussion

5:00 p.m. What Else Can We Do About Prevention – beyond the New Guidelines; CAC, CRP, CIMT?
  Roger Blumenthal, MD

5:30 p.m. Questions and Panel Discussion

Wine and Cheese Reception at the Museum of Contemporary Art
6:30 p.m. to 8:00 p.m.
  Diet, Coronary Artery Disease and Longevity
  Robert Vogel, MD

Friday, July 11, 2014

7:30 a.m. Registration and Continental Breakfast
8:00 a.m. Valvular Heart Disease; Rapidly Evolving Treatment Paradigms in 2014
  Co-Chairs: Charles J. Davidson, MD
  Patrick M. McCarthy, MD
  Robert O. Bonow, MD
  Panel: Charles J. Davidson, MD
  James D. Flaherty, MD
  Chris Malaisrie, MD
  Patrick M. McCarthy, MD
  Issam Mikati, MD
  Jyothy Puthumana, MD
  James Thomas, MD

SESSION II Aortic Valve and Aneurysm Disease

8:00 a.m. New Guidelines for a New Age
  Robert O. Bonow, MD

8:20 a.m. Bicuspid Aortic Disease- New Imaging; New Approaches
  Chris Malaisrie, MD

8:40 a.m. Aortic Stenosis: New Technology for a Deadly Disease
  James D. Flaherty, MD

9:00 a.m. Today and Tomorrow in Transcatheter Valve Disease
  Charles J. Davidson, MD

9:20 a.m. Cases:
  BAV Aneurysm: Jyothy Puthumana, MD & Chris Malaisrie, MD
  TAVI Direct Flow: Charles J. Davidson, MD & James D. Flaherty, MD
  TAVI TAD: Chris Malaisrie, MD & James D. Flaherty, MD

10:00 a.m. Refreshment Break and Exhibits

SESSION IIB Mitral Valve Disease

Panel: Allen S. Anderson, MD
  Robert O. Bonow, MD
  Patrick M. McCarthy, MD
  Mark Ricciardi, MD
  Vera H. Rigolin, MD
  James Thomas, MD

10:30 a.m. When and How to use Echo; MRI in Valve Disease to Guide Patient Management
  James Thomas, MD

10:50 a.m. Low EF with MR: Medical, Surgical, Transplant; VAD or Clip?
  Allen S. Anderson, MD

11:10 a.m. Mitral Regurgitation; Tricuspid Regurgitation; Atrial Fibrillation
  Patrick M. McCarthy, MD

11:30 a.m. Case Discussions:
  COAPT vs. Transplant vs. Valve Surgery
  Chris Malaisrie, MD
  Allen S. Anderson, MD
  Mark Ricciardi, MD
  MR – Stress Echo
  Vera H. Rigolin, MD
SESSION IV

8:00 a.m. Atrial Fibrillation: The Field Continues to Evolve  
Chair: Bradley Knight, MD

8:00 a.m. Newer Anticoagulants in AF  
Dan J. Fintel, MD

8:30 a.m. Device Based Therapies to Reduce Embolic Risk  
Bradley Knight, MD

9:00 a.m. Provocative New Approaches to Reduce Exposure to Anticoagulation; “Pill in a Pocket”  
Rod S. Passman, MD

9:30 a.m. The New ACC/AHA Atrial Fibrillation Guidelines- 2014  
Hugh Calkins, MD

10:00 a.m. Questions & Panel Discussion  
Bradley Knight, MD  
Rod S. Passman, MD  
Dan J. Fintel, MD

10:30 a.m. Refreshment Break and Exhibits

SESSION V

11:00 a.m. Heart Failure; Defining the State of The Art  
Co-Chairs: Clyde W. Yancy, MD, MSc  
Edwin C. McGee, Jr., MD

11:00 a.m. Prevention of Heart Failure  
Andrew Sauer, MD

11:30 a.m. Treatment of HFpEF  
Sanjiv Shah, MD

12:00 p.m. Treatment of Advanced Heart Failure: Drugs, Pumps and Devices  
Allen S. Anderson, MD  
Edwin C. McGee, Jr., MD

12: 45 p.m. Treatment of Heart Failure: Putting it all Together  
Clyde W. Yancy, MD, MSc

1:30 p.m. Panel Discussion  
Clyde W. Yancy, MD, MSc  
Edwin C. McGee, Jr., MD  
Sanjiv Shah, MD  
Allen S. Anderson, MD

2:00 p.m. Adjourn
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.

Office of Continuing Medical Education
Northwestern University Feinberg School of Medicine
240 E. Huron, Suite 1-200
Chicago, IL 60611

Third Annual
Chicago Cardiovascular Update

July 10–12, 2014
Chicago, Illinois