Dear Colleague,

We are pleased to invite you and your trainees to our Eighth Annual Heart Failure Holiday Symposium taking place November 30 – December 2, 2012, at Northwestern Memorial Hospital’s Conference Center in Chicago.

As in past years, the symposium assembles leading cardiologists and cardiac surgeons with expertise in heart failure and cardiac surgery to provide updates on the very latest scientific and technological advances along with practical treatment strategies for those who care for patients with heart failure. This two day symposium will feature new information and open dialogue essential for those who care for patients with heart failure. This year, a breakout session designed to address the psychosocial and behavioral challenges in heart failure management will take place on Saturday morning.

Some of the topics that will be discussed during the symposium include:

• Critical updates to diagnose and manage acute and chronic heart failure
• Updates to the heart failure guidelines and how they can improve outcomes
• The latest imaging technologies useful to manage systolic and diastolic dysfunction
• Conventional and advanced surgical options including surgery for CABG, valve, atrial fibrillation, as well as ventricular assist devices, and heart transplantation
• Promising technologies and treatments including stem cell and gene therapy
• Our featured keynote speaker is one of the pioneering thought leaders in mechanical circulatory support, O.H. “Bud” Frazier, MD.

Further, we cordially invite you to join us Friday evening for a cocktail reception at The Signature Room at the 95th® located in the John Hancock building. We believe this will add the opportunity to connect with conference faculty and participants and enjoy the beautiful Chicago skyline. Please do not hesitate to contact us if you would like additional information or go to our website at cme.northwestern.edu/conferences for online registration. We hope to see you in December.

Sincerely,

Clyde Yancy, MD, MSc  Edwin McGee, MD
Robert Gordon, MD  Kathleen Grady, PhD, APN
LEARNING OBJECTIVES
At the conclusion of this activity, participants will be able to:
1. Discuss current and emerging therapies that can improve outcomes for patients with HF
2. Review the evidence for key changes to the ACC/AHA heart failure guidelines
3. Examine methods of predicting heart failure mortality
4. Describe surgical treatment options for the patient with heart failure including transcatheter approaches to treat aortic stenosis in the high risk patient
5. Review mechanical circulatory support; past, present and future potential
6. Evaluate patient selection criteria for VAD implantation and heart transplantation
7. Implement a plan of care to address palliative and end of life needs for heart failure patients
8. Apply the latest imaging technologies for heart failure patients through analysis of case studies
9. Demonstrate understanding of course content through participation in case discussions incorporating the latest medical and surgical options and accepted guidelines.

TARGET AUDIENCE
This continuing medical education program is designed to meet the educational needs of cardiologists, cardiac surgeons, internists, primary care practitioners, registered nurses, nurse practitioners, clinical specialists, physician assistants and other medical professionals involved in the diagnosis and management of heart failure.

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 HOUR STATEMENT – PHYSICIANS
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 11.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CREDIT HOUR STATEMENT – NURSES
Northwestern Memorial Hospital-NM Academy is an approved provider of continuing nursing education by the Illinois Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation

CONFERENCE LOCATION
The 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. Please contact the hospital at 312-926-2000 for directions and parking information or visit nmh.org/nm/home.

FACULTY DISCLOSURE
Current guidelines state that participants in CME and CE activities should be made aware of any affiliation or financial interest that may affect a speaker’s presentation. Speakers are required to disclose any significant relationships with commercial companies prior to the symposium. The course syllabus will identify any significant relationships and whether a faculty member will be discussing off-label usage.

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 accommodations 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.

HOTEL ACCOMMODATIONS
Rooms have been reserved at the MileNorth Hotel, located at 166 East Superior Street. Please contact the hotel at 312-787-6000 to reserve your room. Identify yourself as a registrant of the Heart Failure Symposium to receive the reduced room rate of $179 single/double, plus tax. Reservations made after October 30, 2012, or after the room block has filled, are subject to availability at regular hotel rates.

RECEPTION
Please join us Friday, November 30th from 6-8pm for a cocktail reception at The Signature Room at the 95th. Enjoy breathtaking views all from 95 stories above the city while connecting with the conference faculty and participants. In order to secure your spot, please kindly respond at the time of registration.
8:00 a.m.  Registration and Breakfast
8:45 a.m.  Welcome Remarks-
Clyde W. Yancy, MD, MSc

Session I: State of the Art in Heart Failure-2012: The Big Issues
Moderator:  Clyde W. Yancy, MD, MSc
9:00 a.m.  Heart Failure And Re-hospitalizations: Who Is at Risk, What Can We Do About It and How Much Is It Going to Cost Us?
Clyde W. Yancy, MD, MSc
9:25 a.m.  Commentary by
Mark Williams, MD
9:30 a.m.  Q & A; Discussion
9:35 a.m.  Who Gets Heart Failure, Why and Is the Disease Changing?
Donald Lloyd Jones, MD
10:00 a.m. Discussion
10:10 a.m. Refreshment Break
10:30 a.m.  Pulmonary Hypertension in Heart Failure with Preserved Ejection Fraction: An Emerging Epidemic?
Sanjiv Shah, M.D.
11:00 a.m. Discussion
11:10 a.m.  Predicting Heart Failure Outcomes
Wayne Levy, MD
11:35 a.m. Discussion
11:45 a.m.  Panel Discussion & Case Presentations
12:15 p.m. Lunch

Session II: Surgical and Interventional Therapies for the Advanced Heart Failure Patient
Moderator:  Edwin C. McGee Jr., MD
1:00 p.m.  The History of Mechanical Circulatory Support and Transplantation: Challenges and Triumphs
O. H. Frazier, MD
2:00 p.m.  Mechanical Options for Bi-Ventricular Heart Failure; Is a Total Artificial Heart the Only Way to Go?
Edwin C. McGee Jr., MD
2:30 p.m.  Discussion
2:45 p.m.  Break

Session III: Treatment of Heart Failure and Valvular Heart Disease
3:00 p.m.  Transcatheter Aortic Valve Replacement: The New Frontier
Chris Malaisrie, MD
3:30 p.m.  Case Presentations
Charles Davidson, MD and Issam Mikati, MD
3:45 p.m.  Discussion: TAVR
4:00 p.m.  A Percutaneous Approach for Functional Mitral Regurgitation; Do We Have Good Options?
Patrick McCarthy, MD
4:35 p.m.  Panel Discussion
5:00 p.m.  Adjourn
6:00 p.m.  Reception
# PARALLEL BREAKOUT SESSIONS

**Session IV: Clinical Pearls in Heart Failure**

**Moderator:** Clyde W. Yancy, MD, MSc

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Heart Failure and Atrial Fibrillation: A Complex Matrix</td>
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<tr>
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<td><em>Rod Passman, MD</em></td>
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<td>8:30 a.m.</td>
<td>Heart Failure and Shock; Drugs vs. Devices?</td>
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<td><em>Robert A. Gordon, MD</em></td>
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<td>9:00 a.m.</td>
<td>Heart Failure and Regenerative Therapy: What’s Taking So Long?</td>
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<td><em>Douglas Losordo, MD</em></td>
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<td>9:30 a.m.</td>
<td>Refreshment Break</td>
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<td>9:45 a.m.</td>
<td>Heart Failure and Biomarkers: Which Ones to Use and How Helpful?</td>
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<td><em>Larry Allen, MD</em></td>
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<tr>
<td>10:15 a.m.</td>
<td>Heart Failure and When to Transplant; When to VAD</td>
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<td><em>Joseph Rogers, MD</em></td>
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<td>10:45 a.m.</td>
<td>Novel Imaging Strategies in Heart Failure</td>
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<td><em>James Carr, MD, Sanjiv Shah, MD and Dan Lee, MD</em></td>
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<tr>
<td>11:45 a.m.</td>
<td>Discussion</td>
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**Decision Making, Psychosocial, and Ethical Challenges in Heart Failure**

**Moderator:** Kathleen L. Grady, PhD, APN

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<tr>
<td>8:00 a.m.</td>
<td>Decision Making and Advanced Heart Failure: An Overview</td>
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<td><em>Larry Allen, MD</em></td>
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<td>8:30 a.m.</td>
<td>Social Support and Caregiver Burden: Challenges for Heart Failure Patients</td>
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<td><em>Susan Pressler, PhD, RN</em></td>
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<td>9:00 a.m.</td>
<td>Ethical Issues Related to Heart Transplantation</td>
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<td><em>Savitri Fedson, MD</em></td>
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<td>9:30 a.m.</td>
<td>Refreshment Break</td>
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<td>9:45 a.m.</td>
<td>VADS From a Patients’ Point of View</td>
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<td><em>Joseph Rogers, MD</em></td>
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<td>10:15 a.m.</td>
<td>Transitioning Back to the Community after MCS Implantation</td>
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<td><em>Kathleen L. Grady, PhD, APN</em></td>
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<tr>
<td>10:45 a.m.</td>
<td>MCS and Palliative Care Services</td>
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<td><em>Joshua Hauser, MD</em></td>
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<td>11:15 a.m.</td>
<td>Panel Discussion and Q &amp; A</td>
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12:00 p.m. Lunch

**Session V: Future Directions in Heart Failure Therapy**

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>12:45 p.m.</td>
<td>What to Expect With the New 2013 ACCF/AHA Heart Failure Guidelines</td>
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<td><em>Clyde W. Yancy, MD, MSc</em></td>
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<tr>
<td>1:15 p.m.</td>
<td>Commentary by Joseph Rogers, MD</td>
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<tr>
<td>1:20 p.m.</td>
<td>Panel Discussion and Q &amp; A</td>
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<tr>
<td>1:30 p.m.</td>
<td>Adjourn</td>
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Course Directors

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

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Center for Heart Failure
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Associate Professor of Surgery
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Northwestern Memorial Hospital
Director, CMR Core Laboratory
Feinberg Cardiovascular Research Institute

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Director, Northwestern University Clinical and Translational Sciences Institute
Professor in Preventive Medicine and Medicine-Cardiology
Northwestern University Feinberg School of Medicine

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Baxter Healthcare
Adjunct Professor in Medicine-Cardiology
Northwestern University Feinberg School of Medicine

S. Chris Malaisrie, MD
Surgical Director, Thoracic Aortic Surgery Program
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Northwestern University Feinberg School of Medicine

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Heller-Sacks Professor of Surgery
Director, Bluhm Cardiovascular Institute
Northwestern University Feinberg School of Medicine

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Sanjiv Shah, MD
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Mark Williams, MD
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Division of Cardiology
University of Colorado

Saviti Fedson, MD
Associate Professor of Medicine
Associate Director of Advanced Heart Failure and Heart Transplant Service
MacLean Center for Clinical Medical Ethics
University of Chicago

O.H. Frazier, MD
Chief, Center for Cardiac Support
Chief, Cardiopulmonary Transplant
Director, Cardiovascular Research Institute
Texas Heart institute at St. Luke's Episcopal Hospital

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Medical Director, University of Washington Regional Heart Center Clinic

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Professor and Associate Dean for Graduate Studies
University of Michigan School of Nursing

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Clinical Chief, Cardiology
Medical Director
Bluhm Cardiovascular Institute
Professor of Medicine
Northwestern University Feinberg School of Medicine
Eighth Annual Heart Failure Holiday Symposium
November 30 – December 1, 2012
Northwestern Memorial Hospital ▪ Chicago, Illinois

Registration Category
❑ Physician ................................................................. $450
❑ Industry Professional ................................................. $450
❑ Fellows/ Residents ....................................................... $200
❑ Nurses/Other HCP ...................................................... $325
❑ NMH Physician/Nurse/Other HCP ................................ $200

How to Register: ONLINE: www.cme.northwestern.edu/conferences

or Mail with check to:
Northwestern University
Feinberg School of Medicine
Office of Continuing Medical Education
420 E. Superior, Ste. 680
Chicago, IL 60611-3008

Please make your check payable to Northwestern University

Please type or print

Last Name: __________________________________________

First Name: __________________________________________

❑ MD    ❑ RN    ❑ Other (please specify): ______________________

Institution: __________________________________________

Address: _____________________________________________

City: ______________ State: ______________ ZIP Code: __________

Daytime Phone: __________________ Fax: __________________

E-mail (Required): _____________________________________

Your registration confirmation will be e-mailed

Specialty: ____________________________________________

(Please check all that apply):

FRIDAY: ❑ HOLIDAY Reception at Signature Room at the 95th®
Will you bring a guest? ❑ Yes ❑ No (One guest per registration)

Special Dietary Requirements: ____________________________
(Advance notification required)

Disability Accommodations: ______________________________
(Please advise us of your needs)
EIGHTH ANNUAL
HEART FAILURE
HOLIDAY SYMPOSIUM

November 30 – December 1, 2012