

**COURSE DIRECTORS:**

Allen S. Anderson, MD  
Kathleen L. Grady, PhD, RN, MS  
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Clyde W. Yancy, MD, MSc

**THE 14TH ANNUAL**

# HEART FAILURE HOLIDAY SYMPOSIUM

**NOVEMBER 30 - DECEMBER 1, 2018**

**Northwestern Memorial Hospital | Chicago, Illinois**

Endorsed by



Officially endorsed by the Heart Failure Society of America. The opinions presented in this educational activity do not necessarily reflect the opinions or recommendations of the HFSA.

**THIS ACTIVITY HAS BEEN APPROVED FOR**

**10.25**

**AMA PRA CATEGORY 1 CREDITS™**

**REGISTER TODAY!** [Northwestern.cloud-cme.com](http://Northwestern.cloud-cme.com)

Dear Colleague,

We are pleased to invite you to our 14th Annual Heart Failure Holiday Symposium, November 30 – December 1, 2018, at Northwestern Memorial Hospital's Feinberg Conference Center in Chicago.

Now in its fourteenth year, this symposium is respected as a top tier regional heart failure meeting, and is endorsed by the Heart Failure Society of America (HFSA). This year we will once again assemble leading cardiologists, cardiac surgeons, nurses, and psychologists with expertise in heart failure and cardiac surgery. They will share advances in heart failure prevention and biomarkers as well as provide updates on the very latest clinical, scientific, genetic, behavioral, and technological advances for managing patients with heart failure.

Following the success of last year's meeting, a moderated poster session for cardiology fellows has now expanded to include cardiovascular nursing and allied health professionals as well. This will serve as the kick off for the 2-day symposium.

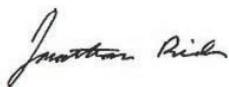
Highlights of the 2018 Heart Failure Symposium will include:

- Advanced heart failure (VADs and Transplant)
- Optimizing a Multidisciplinary Approach to Heart Failure Care: Challenges and Opportunities
- Interventional and Surgical Heart Failure
- Managing Heart Failure in a Digital Era
- Advanced Cardiac Therapies and the Brain
- Great Debates in Heart Failure: Defibrillators and Readmissions

As has become our tradition, we have reserved The Signature Room at the 95th<sup>®</sup> located in the John Hancock building, with its beautiful view of the Chicago skyline, for a reception on Friday evening. There are few December venues more stunning than The Signature Room. This has become a favorite amongst participants and will provide the opportunity to network with conference faculty and participants.

Please do not hesitate to contact us if you would like additional information, or go to our website at [Northwestern.cloud-cme.com](http://Northwestern.cloud-cme.com) for online registration. We hope to see you there!

Sincerely,



Jonathan D. Rich, MD, FACC, HFSA  
Associate Professor of Medicine  
Medical Director, Mechanil Circulatory  
Support Program  
Northwestern University



Duc Trinh Pham, MD  
Associate Professor of Surgery  
Surgical Director Center for Heart Failure,  
Heart Transplantation and Mechanical  
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Clyde W. Yancy, MD, MSc  
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Magerstadt Professor of Medicine  
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Professor of Medicine  
Medical Director, Center for Heart Failure, Heart  
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Kathleen Grady, PhD, RN, MS  
Professor of Surgery and Medicine  
Administrative Director of Center  
for Heart Failure  
Northwestern University

# CALL FOR ABSTRACTS

## GENERAL INFORMATION

- Abstracts previously presented at other national or international meetings will be accepted.
- Abstract submission is limited to current general cardiology, heart failure, cardiothoracic surgery fellows in training, nurses and allied health professionals.
- Notifications for abstract acceptance will be announced via e-mail November 19th, 2018.
- Selected recipients will receive a research prize.
- The poster session will take place during breakfast on Friday, November 30, 2018 from 8:00-8:55 a.m.
- Abstract grading is blinded and abstracts are selected on the basis of scientific merit.
- Accepted abstracts will be published in the online syllabus.
- For questions regarding the submission guidelines or to submit your abstract, please contact [aacevedo@nm.org](mailto:aacevedo@nm.org).

## SUBMISSION PERIOD:

September 1 - November 11, 2018,  
5 p.m. CDT

MARK YOUR  
CALENDARS

2019

## ABSTRACT TITLE

- An abstract must have a short, specific title (containing no abbreviations) that indicates the nature of the investigation.

## AUTHOR NAME(S)

- The submitting author is designated as the primary/presenting author. You may rearrange the order of the authors; however, always list the senior author last.
- If an author's name appears on more than one abstract, it must be identical on each abstract.

## ABSTRACT DATA

- All abstracts must be submitted in English.
- Authors should not "split" data to create several abstracts from one.
- Abstracts containing identical or nearly identical data submitted from the same institution and/or individuals will be disqualified.
- Proofread abstracts carefully to avoid errors before submission. The abstract will be published exactly as it has been submitted.

## ABSTRACT TEXT

- Abstract format should mirror the ACC/AHA style with: Objective/Hypothesis; Background; Methods; Results; Discussion; Implications
- Briefly describe the objectives of the study in the background section. Include a hypothesis in the background section. Include a brief statement of methods. State findings in sufficient detail to support conclusions.
- Use generic drug names.
- Do not begin sentences with numerals.
- Standard abbreviations may be used without definition. Nonstandard abbreviations must be placed in parentheses after the first use of the word or phrase abbreviated.
- Do not include references, credits, or grant support.
- Do not include names or personal information of participating patients.
- Abstracts are limited to 350 words. This does not include the title or authors.
- One (1) figure or table may be included below the abstract text.

## ABSTRACT ACCEPTANCE

- Guidelines for abstract presentation will be provided to the presenting authors of accepted abstracts in mid-November via email.
- No person may record any portion of the poster presentation. Additionally, information shared by investigators at the time of a meeting is confidential and often unpublished data. Taking photos of or recording the content of slides and/or posters is prohibited.

### Nutrition Science: From Populations to Plates

May 5, 2019  
Chicago, Illinois

### Chicago CVU

July 18 - 20, 2019  
Chicago, Illinois

### Pulmonary Hypertension

August 2, 2019  
Chicago, Illinois

### Echo NU

September 20 - 22, 2019  
Chicago, Illinois

### Chicago CSI

October 18 - 19, 2019  
Chicago, Illinois

### Holiday Heart Failure

December 6 - 7, 2019  
Chicago, Illinois

# GENERAL INFORMATION

## LEARNING OBJECTIVES

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

1. Review pertinent new findings targeting the prevention of heart failure;
2. Describe the evaluation and treatment approach to various cardiomyopathies including those which are heritable;
3. Describe critical concepts related to the management of cardiorenal syndrome;
4. Identify the approaches used in different heart failure syndromes such as preserved ejection fraction, reduced and recovered ejection fraction;
5. Recognize the key diagnostic and treatment nuances associated with restrictive cardiac physiology;
6. Describe the surgical and percutaneous options for patients with heart failure and valvular heart disease;
7. Describe the current state of cardiology, especially with respect to the failing heart;
8. Debate the various options for acute mechanical circulatory support;
9. Summarize the approach to developing a multidisciplinary heart failure program;
10. Explain the pros and cons to the current heart failure reduction readmission program including potential unintended consequences;
11. Describe special effects of heart failure syndromes on brain behavior and cognition;
12. Explore emerging trends in the digital era including how to leverage these technologies and incorporate them into your heart failure program;
13. Describe the key considerations when managing fluids, electrolytes, and nutrition in the heart failure patient;
14. Explore various surgical and interventional therapies for heart failure; and
15. Describe the controversies and usage of ICDs in patients with heart failure.

**TARGET AUDIENCE** This continuing medical education program is designed to meet the educational needs of cardiologists, cardiothoracic surgeons, family practice, internal medicine, hospitalists, advanced practice nurses, registered nurses, physician assistants, pharmacists, cardiology and cardiac surgery fellows and residents in training involved in the diagnosis and management of adult patients with heart failure or at risk for heart failure.

**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 HOUR STATEMENT** The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 10.25 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**CONFERENCE LOCATION** The program will be held at Northwestern Memorial Hospital Feinberg Conference Center, Chicago, Illinois 60611.

**PARKING** Discounted parking is available at the Huron St. Clair garage, located at 222 E. Huron Street, or at the Erie Ontario garage, located at 321 E. Erie Street. Please visit the registration table for parking validation.

**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 real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by NUFSM for fair balance, scientific objectivity of studies mentioned in the material or used as the basis for content, and appropriateness of patient care recommendations. The faculty disclosures will be indicated in the course syllabus.

**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.

**CANCELLATION POLICY** \$50 shall be retained to cover administrative expenses should you cancel your registration for any reason. In order to refund the balance, we must receive WRITTEN notice of withdrawal by October 30, 2018. No refunds will be issued thereafter.

**HOTEL ACCOMMODATIONS** We have a block of rooms reserved at the Hyatt Centric Chicago Magnificent Mile. To book your room for our room rate of \$229 please call (888) 591-1234 to reserve your room. The Hyatt Centric is located at 633 N Saint Clair Street, Chicago, IL. Please contact the Hyatt directly at 888-591-1234 or <https://book.passkey.com/go/NW14thHeartFailureSymposium> to make reservations. To receive the reduced room rate, reservations must be made by November 7, 2018. Reservations made after November 7, 2018 are subject to availability at regular room rates. The room block may fill prior to cutoff date, so be sure to make your arrangements early.

**WELCOME RECEPTION** Please join us Friday, November 30th, from 6:30pm to 9:00pm for a welcome reception at The Signature Room at the 95th.<sup>®</sup> Enjoy breathtaking views 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.

**ADDITIONAL INFO** In Northwestern Medicine's quest to provide valuable education opportunities for the cardiovascular professional, we welcome questions, feedback, and ideas for future course topics. Please contact us via email: [cvconferences@northwestern.edu](mailto:cvconferences@northwestern.edu).



AGENDA

FRIDAY, November 30, 2018

7:00 - 8:00 am	<b>REGISTRATION &amp; BREAKFAST</b>
<b>Session I:</b>	<b>Basic, Clinical, Translational, and Psychosocial Heart Failure Research</b>
8:00 - 8:55 am	Poster Presentations and Abstract Judging
9:00 - 9:10 am	<b>WELCOME REMARKS</b>
<b>SESSION II:</b>	<b>Heart Failure Morning Report: Cases and Content</b>

I. Prevention of Heart Failure

<b>Moderators:</b>	<b>Donald Lloyd-Jones, MD, ScM and John Wilkins, MD, MS</b>
9:10 - 9:15 am	Case Presentation <i>Anjan Tibrewala, MD</i>
9:15 - 9:25 am	The A's & B's but no C's of Heart Failure <i>Donald Lloyd-Jones, MD, ScM</i>
9:25 - 9:30 am	<b>DISCUSSION</b>

II. Keynote Address

<b>Moderators:</b>	<b>Donald Lloyd-Jones, MD, ScM and John Wilkins, MD, MS</b>
9:30 - 9:50 am	The Re-convergence of Diabetes and Heart Failure: A Renaissance <i>Akshay Desai, MD, MPH</i>
9:50 - 9:55 am	<b>DISCUSSION</b>

III. Heart Failure with Reduced Ejection Fraction (HFrEF)

<b>Moderators:</b>	<b>Allen Anderson, MD and Jonathan Rich, MD</b>
9:55 - 10:00 am	Case Presentation <i>Sirish Vullaganti, MD</i>
10:00 - 10:10 am	Idiopathic No More: Diagnosing Cardiomyopathy by Pictures <i>Allen Anderson, MD</i>
10:10 - 10:15 am	<b>DISCUSSION</b>

IV. Cardiomyopathy Update 2018

<b>Moderators:</b>	<b>Allen Anderson, MD and Jonathan D. Rich, MD</b>
10:15 - 10:30 am	It's in the Genes <i>Lisa Wilsbacher, MD, PhD</i>
10:30 - 10:45 am	Making Weak Hearts Strong Again (MWHSA) <i>Jane Wilcox, MD, MSc</i>
10:45 - 10:55 am	<b>DISCUSSION</b>
10:55 - 11:15 am	<b>BREAK &amp; EXHIBITS</b>

V. Heart Failure with Preserved Ejection Fraction (HFpEF)

<b>Moderators:</b>	<b>Sanjiv Shah, MD and Jeffrey Testani, MD, MTR</b>
11:15 - 11:20 am	Case Presentation <i>Adam Schuldt, MD, PhD</i>
11:20 - 11:40 am	Deconstructing the diagnosis of HFpEF: A Checklist Approach <i>Sanjiv Shah, MD</i>
11:40 - 12:00 pm	Cardiorenal Syndrome and Diuretic Resistance <i>Jeffrey Testani, MD, MTR</i>
12:00 - 12:05 pm	<b>DISCUSSION</b>
12:05 - 12:15 pm	Awards Ceremony and Housekeeping
12:15 - 1:00 pm	<b>LUNCH WITH FACULTY</b>
<b>SESSION III:</b>	<b>Two Pathway Breakout Sessions</b>

<b>TRACK ONE:</b>	Advanced Heart Failure (VADs and Transplant)
<b>Moderators:</b>	<b>Kambiz Ghafourian, MD, MPH and Jane Wilcox, MD, MSc</b>
1:00 - 1:20 pm	Patient Selection <i>Jonathan D. Rich, MD</i>
1:20 - 1:40 pm	State of the Art Updates <i>Esther Vorovich, MD, MS</i>
1:40 - 2:00 pm	<b>DISCUSSION</b>
<b>TRACK TWO:</b>	Optimizing a Multidisciplinary Approach to Heart Failure Care: Challenges and Opportunities
<b>Moderators:</b>	<b>Stacie Ward, RN, MS, APN-BC and Allen Anderson, MD</b>
1:00 - 1:15 pm	The Medical Director: Team Leader and Cheerleader <i>Akshay Desai, MD, MPH</i>
1:15 - 1:30 pm	The Heart Failure APN: Fabric and Glue of the Team <i>Sara Paul, DNP, FNP, FAHA, CHFNP</i>
1:30 - 1:45 pm	The HF PharmD: Expanding the Role with Limited Time <i>Michelle Fine, PharmD, BCACP, BCPS</i>
1:45 - 2:00 pm	<b>DISCUSSION</b>

**SESSION IV:****Cardio-oncology: Surviving the Cure****Moderators:**

Ike Okwuosa, MD and Jeffrey Sosman, MD

2:00 – 2:20 pm

Cancer and the Heart: It's Pretty Bad  
*Javid Moslehi, MD*

2:20 – 2:40 pm

Cancer and the Heart: It's Not All Bad  
*Nausheen Akhter, MD*

2:40 – 2:50 pm

**DISCUSSION**

2:50 – 3:10 pm

**BREAK & EXHIBITS****SESSION V:****Interventional and Surgical Heart Failure: Blame It on the Valves?****Moderators:**

Duc Thinh Pham, MD and Charles Davidson, MD

3:10 – 3:25 pm

Surgical Approach to Ischemic Mitral Regurgitation  
*Pavan Atluri, MD*

3:25 – 3:40 pm

Functional MR: Update on CoApt  
*Mark Ricciardi, MD*

3:40 – 3:55 pm

AHA Guidelines for Low EF AS and AI  
*Robert Bonow, MD, MS*

3:55 – 4:10 pm

SAVR and TAVR Updates for Low EF AS and AI  
*S. Chris Malaisrie, MD*

4:10 – 4:25 pm

Surgical and Interventional Options for Functional TR  
*Duc Thinh Pham, MD and Charles Davidson, MD*

4:25 – 4:45 pm

**DISCUSSION**

4:45 – 5:00 pm

**CLOSING REMARKS AND ADJOURN**

6:30 – 9:00 pm

**RECEPTION: THE SIGNATURE ROOM AT THE 95TH****Saturday, December 1, 2018**

7:30 – 8:00 am

**REGISTRATION & BREAKFAST**

7:00 – 7:45 am

Evidence-based Guideline-directed Treatment of Heart Failure: A Guideline Update  
*Clyde Yancy, MD, MSC*

**SESSION VI:****Managing Heart Failure in a "Digital" Era****Moderators:**

Clyde Yancy, MD, MSc and Jonathan D. Rich, MD

8:00 – 8:20 am

Are You on Social Media? Your New Source of Evidence-based Medicine  
*John Ryan, MD, FACC, FAHA*

8:20 – 8:40 am

Are Your Patients Utilizing Wearables, Telehealth (Skype/Facetime), MEMS, etc.  
*Liviu Klein, MD*

8:40 – 8:50 am

**DISCUSSION****SESSION VII:****Advanced Cardiac Therapies and the Brain****Moderators:**

Kathleen Grady, PhD, RN, MS and Paul Goetz, PhD

8:50 – 9:10 am

When is There a Need for Neurocognitive Assessment?  
*Gail Osterman, PhD*

9:10 – 9:30 am

Psychosocial Evaluation and Advanced Cardiac Therapies  
*Mary Amanda Dew, PhD*

9:30 – 9:50 am

Behavioral Challenges: Is Change Possible?  
*Kim Feingold, PhD*

9:50 – 10:00 am

**DISCUSSION**

10:00 – 10:15 am

**BREAK & EXHIBITS****SESSION VIII:****The Big Questions in Heart Failure: Defibrillators and Readmissions****Moderators:**

Allen Anderson, MD and Esther Vorovich, MD, MS

**I. Who needs an ICD in 2018?**

10:15 – 10:30 am

Most Patients with a Low Ejection Fraction DO Need an ICD  
*Bradley Knight, MD, FACC, FHRS*

10:30 – 10:45 am

Most Patients with a Low Ejection Fraction DO NOT Need an ICD  
*Wayne Levy, MD*

10:45 – 10:55 am

**DISCUSSION****II. Heart Failure Readmissions: The Roundtable**

10:55 – 11:05 am

Which Patients are at Risk and How Do We Count Them?  
*Faraz Ahmad, MD*

11:05 – 11:15 am

When Drugs Aren't Enough, How Can Process Improvements Impact Heart Failure Readmissions?  
*R. Kannan Mutharasan, MD*

11:15 – 11:25 am

Where Do We Go From Here?  
*Clyde Yancy, MD, MSc*

11:25 – 11:35 am

**DISCUSSION**

11:35 – 11:45 am

**WRAP UP & ADJOURNMENT**

## COURSE DIRECTORS

### **Allen Anderson, MD**

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

### **Kathleen Grady, PhD, RN, MS**

Professor of Surgery and Medicine  
Administrative Director of Center for Heart Failure  
Bluhm Cardiovascular Institute  
Northwestern Memorial Hospital

### **Duc Thinh Pham, MD**

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Surgical Director Center for Heart Failure, Heart Transplantation and Mechanical Assistance  
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### **Jonathan D. Rich, MD, FACC, FHFSa**

Associate Professor of Medicine  
Northwestern University, Feinberg School of Medicine  
Medical Director, Mechanical Circulatory Support Program Director, Advanced Heart Failure and Transplant Fellowship  
Bluhm Cardiovascular Institute  
Northwestern Memorial Hospital

### **Clyde W Yancy, MD, MSc**

Vice-Dean, Diversity & Inclusion  
Chief of Cardiology  
Professor of Medicine & Professor, Medical Social Sciences  
Associate Director  
Bluhm Cardiovascular Institute  
Deputy Editor  
JAMA Cardiology

## GUEST FACULTY

### **Pavan Atluri, MD**

Director, Cardiac Transplantation and Mechanical Circulatory Support Program Director, Minimally Invasive and Robotic Cardiac Surgery Program Associate Professor C-E Perelman School of Medicine - University of Pennsylvania

### **Akshay Desai, MD, MPH**

Medical Director, Cardiomyopathy and Heart Failure Program, Advanced Heart Disease Section  
Associate Professor  
Harvard Medical School

### **Mary Amanda Dew, PhD**

Professor of Psychiatry, Psychology, Epidemiology, Biostatistics, Clinical and Translational Science, and Nursing  
Director, Clinical Epidemiology Program  
Director, Quality of Life Research, Artificial Heart Program, and Adult Cardiothoracic Transplantation  
University of Pittsburgh

### **Liviu Klein, MD, MS**

Associate Professor  
Director of the Mechanical Circulatory Support and Heart Failure Device Program  
University of California San Francisco

### **Wayne Levy, MD**

Professor of Medicine  
Fellowship Director for the Advanced Heart Failure Transplant Cardiology Fellowship  
Medical Director for the UW Regional Heart Center Clinic  
University of Washington

### **Javid Moslehi, MD**

Assistant Professor of Medicine  
Director, Cardio-Oncology  
Vanderbilt University

### **Sara Paul, DNP, FNP, FAHA, CHFNP**

Catawaba Valley Cardiology  
Conover, NC

### **John Ryan, MD, FACC, FAHA**

Assistant Professor of Medicine  
Director, Pulmonary Hypertension Center  
University of Utah

### **Jeffrey Testani, MD, MTR**

Associate Professor of Medicine  
Department of Cardiology  
Yale University School of Medicine



## NORTHWESTERN FACULTY

### **Faraz Ahmad, MD**

Assistant Professor of Medicine  
Cardiology  
Bluhm Cardiovascular Institute

### **Nausheen Akhter, MD**

Assistant Professor of Medicine  
Cardiology

### **Robert Bonow, MD, MS**

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

### **Charles Davidson, MD**

Vice Chairman Clinical Affairs, Department of Medicine  
Clinical Chief, Cardiology  
Medical Director, Bluhm Cardiovascular Institute  
Northwestern Memorial Hospital  
Professor of Medicine (ten.)

### **Kim Feingold, PhD**

Director, Cardiac Behavioral Medicine  
Bluhm Cardiovascular Institute of Northwestern  
Assistant Professor of Surgery and Psychiatry

### **Michelle Fine, PharmD, BCACP, BCPS**

Clinical Pharmacist  
Bluhm Cardiovascular Institute

### **Kambiz Ghafourian, MD, MPH**

Assistant Professor of Medicine  
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### **Paul Goetz, PhD**

Clinical Psychologist, Cardiac Behavioral Medicine  
Assistant Professor of Surgery  
Assistant Professor of Psychiatry

### **Bradley Knight, MD, FACC, FHRS**

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Feinberg School of Medicine

### **Donald Lloyd-Jones, MD, ScM**

Senior Associate Dean for Clinical & Translational Research  
Chair  
Department of Preventive Medicine  
Director, Northwestern University Clinical and Translational Sciences (NUCATS) Institute  
Eileen M. Foell Professor of Heart Research

### **S. Chris Malaisrie, MD**

Associate Professor of Surgery  
Surgical Director, Thoracic Aortic Surgery Program  
Division of Cardiac Surgery  
Bluhm Cardiovascular Institute

### **R. Kannan Mutharasan, MD**

Assistant Professor of Medicine  
Cardiology  
Bluhm Cardiovascular Institute

### **Ike Okwuosa, MD**

Assistant Professor of Medicine

### **Gail Osterman, PhD**

Assistant Professor of Surgery (Cardiac Surgery) and Psychiatry and Behavioral Sciences

### **Mark Ricciardi, MD**

Associate Professor of Medicine  
Cardiology

### **Adam Schuldt, MD, PhD**

Advanced Heart Failure and Transplantation Fellow

### **Sanjiv Shah, MD**

Professor of Medicine  
Director, T1 Center for Cardiovascular Developmental Therapeutics  
Director, Northwestern HFpEF Program  
Division of Cardiology, Department of Medicine

### **Jeffrey Sosman, MD**

Professor of Medicine  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

### **Anjan Tibrewala, MD**

Advanced Heart Failure and Transplantation Fellow

### **Esther Vorovich, MD, MS**

Assistant Professor of Medicine  
Bluhm Cardiovascular Institute

### **Sirish Vullaganti, MD**

Advanced Heart Failure and Transplantation Fellow

### **Stacie Ward, RN, MS, APN-BC**

Advanced Practice Nurse

### **Jane Wilcox, MD, MSC**

Assistant Professor of Medicine  
Director Myocardial Recovery Program

### **John Wilkins, MD, MS**

Assistant Professor of Medicine  
Cardiology and Preventive Medicine

### **Lisa Wilsbacher, MD, PhD**

Assistant Professor of Medicine and Pharmacology



Registration Categories

Full Conference (Friday, November 30 and Saturday, December 1)		
	Before 11/1/2018	After 11/1/2018
Physician	<input type="checkbox"/> \$475	<input type="checkbox"/> \$575
Industry Professional	<input type="checkbox"/> \$475	<input type="checkbox"/> \$575
Nurses/Other HCP	<input type="checkbox"/> \$325	<input type="checkbox"/> \$385
Northwestern Medicine Physicians	<input type="checkbox"/> \$250	<input type="checkbox"/> \$475
Northwestern Medicine Nurses/HCP/Staff	<input type="checkbox"/> \$250	<input type="checkbox"/> \$350
Fellows/Residents/Landsberg Society Members	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
CDH/LF live broadcast (Friday only)	<input type="checkbox"/> \$125	<input type="checkbox"/> \$150
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 check to** (make your check payable to Northwestern University)  
Northwestern University  
Bluhm Cardiovascular Institute  
Attn: Rana Khalifeh  
676 N St Clair St, Floor 23  
Chicago, IL 60611

**For questions:**  
Email: [cme@northwestern.edu](mailto:cme@northwestern.edu)  
Or Call: 312-503-8533

Please Type or Print

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

☐ MD   ☐ RN   ☐ Advanced Practice Provider   ☐ 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: Reception at Signature Room at the 95th®**

**Will you be attending?**   ☐ Yes   ☐ No   ☐ Yes, plus guest (One guest per registration)

**Special Dietary Requirements** \_\_\_\_\_  
*Advance notification required*

**Disability Accommodations** \_\_\_\_\_  
*Please advise us of your need*



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## THE 14TH ANNUAL HEART FAILURE HOLIDAY SYMPOSIUM

**November 30 - December 1, 2018**

Northwestern Memorial Hospital | Chicago, Illinois

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.

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**REGISTER TODAY!** [Northwestern.cloud-cme.com](http://Northwestern.cloud-cme.com)