

A panoramic view of the Chicago skyline at sunset, with the sun low on the horizon, casting a golden glow over the city. The Willis Tower is prominent on the right side. A large, semi-transparent blue triangle is overlaid on the left side of the image, pointing towards the center.

**M Northwestern Medicine**<sup>®</sup>  
Feinberg School of Medicine

**4<sup>TH</sup> ANNUAL  
CHICAGO CSI**

**CASE-BASED CORONARY and STRUCTURAL  
HEART INTERVENTION UPDATE**

EARN **10.25** AMA PRA CATEGORY 1 CREDITS™

**NOW WITH LIVE CASES!**

**September 22 - 23, 2017**  
Northwestern Memorial Hospital | Chicago, Illinois

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# GENERAL INFORMATION

## Learning Objectives

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

1. Review transcatheter options to address heart valve pathology including aortic, mitral, tricuspid and pulmonic stenosis and regurgitation.
2. Describe the latest interventional techniques and therapies for structural heart disease and congenital heart disease.
3. Apply various diagnostic technologies including echocardiography, CT and CMR to guide management of valvular heart disease.
4. Compare and contrast radial and ulnar PCI approaches.
5. Review available and emerging technologies to manage the left atrial appendage and how it can mitigate stroke.
6. Explore the utility of new stent platforms.
7. Describe various techniques to treat complex pathology such as left main, bifurcation disease and calcified lesions.
8. List the latest recommendations for management of CTO's to optimize procedural success while minimizing complications.
9. Review the variety of percutaneous ventricular support devices and clinical scenarios best suited for each device.
10. Summarize lessons learned from live and taped case presentations.



## Target Audience

This continuing medical education program is designed to meet the educational needs of interventional cardiologists, general cardiologists, cardiac surgeons, cardiology and cardiac surgery fellows, cardiac catheterization laboratory nurses, and technical staff.

## Conference Location

The program will be held at the 3rd floor Conference Center located in the Feinberg Pavilion of Northwestern Memorial Hospital, 251 E. Huron Street, Chicago, Illinois. Directions and parking information are available at [www.nm.org](http://www.nm.org).

## 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 activity for a maximum of **10.25 AMA PRA Category 1 Credit(s)<sup>™</sup>**. Physicians should claim only 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)<sup>™</sup>** from organizations accredited by the ACCME.

## Registration

You may register on-line at: **ChicagoCSI.com**. An email confirmation will be sent once your registration is complete. If you do not receive a confirmation once registration is complete, please contact our planning partners at 219.465.1115.

Registrations can also be mailed with a check made payable to Meeting Achievements.

## Cancellation Policy

Cancellations must be made in writing to Meeting Achievements. The paid registration fee, minus \$50 administrative charge, will be refunded if cancellation is received by July 15, 2017.

## Special Needs

We fully intend 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 Meeting Achievements at least one month prior to the conference date.

## Additional Information

Contact our planning partners at phone: 219.465.1115, email: [polly@meetingachievements.com](mailto:polly@meetingachievements.com).

# FACULTY

## COURSE DIRECTORS

### James Flaherty, MD

Medical Director Coronary Care Unit  
Bluhm Cardiovascular Institute  
Associate Professor of Medicine  
Northwestern University  
Feinberg School of Medicine

### Mark Ricciardi, MD

Director of the Cardiac Catheterization  
Laboratories and Medical Director,  
Center for Coronary Disease  
Bluhm Cardiovascular Institute  
Associate Professor of Medicine  
Northwestern University  
Feinberg School of Medicine

### Charles Davidson, MD

Medical Director,  
Bluhm Cardiovascular Institute  
Clinical Chief, Cardiology  
Professor of Medicine (ten)  
Vice Chairman of Clinical Affairs,  
Department of Medicine  
Northwestern University  
Feinberg School of Medicine

## GUEST COURSE DIRECTOR

### Eberhard Grube, MD

Professor of Medicine and  
Chief of the Department of Cardiology  
and Angiology  
The Heart Center  
Siegburg, Germany

## NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE FACULTY

### Keith Benzuly, MD

Interventional Cardiologist  
Associate Professor of Medicine  
Bluhm Cardiovascular Institute

### Jeremy D. Collins, MD

Associate Professor of Radiology  
Northwestern University

### S. Chris Malaisrie, MD

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

### Duc Thinh Pham, MD

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

### Tim Provias, MD, MPH

Health System Clinician of Medicine  
(Cardiology)  
Northwestern University  
Feinberg School of Medicine

### Jyothy Puthumana, MD

Associate Professor of Medicine  
Bluhm Cardiovascular Institute

### Daniel Schimmel Jr., MD, MS

Interventional Cardiologist  
Assistant Professor of Medicine  
Bluhm Cardiovascular Institute

### Sanjiv Shah, MD

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

### Ranya Sweis, MD, MS

Interventional Cardiologist  
Clinical Practice Director,  
Cardiology Outpatient Clinic  
Assistant Professor of Medicine  
Bluhm Cardiovascular Institute

### James Thomas, MD

Medical Director,  
Center for Heart Valve Disease  
Professor of Medicine  
Bluhm Cardiovascular Institute

### Jane Wilcox, MD, MSc

Assistant Professor of Medicine-Cardiology  
Director Myocardial Recovery Program  
Northwestern University  
Feinberg School of Medicine

### Clyde Yancy, MD, MSc

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

## GUEST FACULTY

### Zahid Amin, MD

William B. Strong Endowed Chair  
Professor and Section Chief Division  
of Pediatric Cardiology  
Augusta University

### Nirat Beohar, MD

Vice Chief, Columbia University, Division of  
Cardiology at Mount Sinai Medical Center  
Director, Cardiac Catheterization Laboratory  
Medical Director,  
Structural Heart Disease Program  
Program Director, Interventional  
Cardiology Fellowship Program  
Associate Professor of Medicine  
Columbia University Medical Center

### John Blair, MD

Interventional Cardiologist  
Assistant Professor of Medicine  
University of Chicago  
Pritzker School of Medicine

### Tony DeMartini, MD

Director of Complex PCI  
Advocate Heart Institute  
Downers Grove, IL

### J Aaron Grantham, MD

Associate Clinical Professor, University of  
Missouri-Kansas City School of Medicine  
Director, Cardiovascular Disease Fellowship  
Program, University of Missouri-Kansas  
City School of Medicine  
Director, Cardiovascular Medical Education,  
Saint Luke's Hospital  
Mid America Heart Institute

### Nils Johnson, MD, MS

Associate Professor,  
Cardiovascular Medicine  
UTHealth McGovern Medical School

### Amar Krishnaswamy, MD

Associate Program Director,  
Interventional and General  
Cardiology Fellowships  
Cleveland Clinic

### Sandeep Nathan, MD, MS

Associate Professor of Medicine  
Director, Interventional Cardiology  
Fellowship Program  
Director, Coronary Care Unit  
Co-Director, Cardiac Catheterization  
Laboratory  
University of Chicago,  
Pritzker School of Medicine

### Joseph Rossi, MD, MSCI

Clinical Associate Professor of Medicine  
Director, Cardiac Catheterization Lab  
Program Director, Interventional  
Cardiology Fellowship  
University of North Carolina  
School of Medicine

### Atman Shah, MD

Clinical Director, Section of Cardiology  
Co-Director, Cardiac  
Catheterization Laboratory  
Associate Professor of Medicine  
University of Chicago  
Pritzker School of Medicine

### John Webb, MD

St Paul's Hospital of Vancouver  
Clinical Professor  
The University of British Columbia

### Alan Zajarias, MD

Director,  
Structural Interventional  
Fellowship Program  
Assistant Professor of Medicine  
Washington University School of Medicine



## Faculty Disclosure

Northwestern University Feinberg School of Medicine requires course directors, speakers, instructors, planners, and other individuals who are in financial relationships. All identified potential conflicts of interest are thoroughly vetted by NUFSM 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 will be indicated in the course.



**FRIDAY, SEPTEMBER 22**

## **SESSION I** **STRUCTURAL HEART THERAPIES 1** **VALVULAR HEART DISEASE 1**

**MODERATOR:** Charles Davidson, MD  
**PANEL:** Eberhard Grube, MD  
James Thomas, MD  
John Webb, MD

9:00-10:30 am **Transcatheter Aortic Valve Replacement - Current State-of-the-Art**  
Eberhard Grube, MD

**Live Case - TAVR with Cerebral Protection**  
Ranya Sweis, MD, MS  
James Flaherty, MD

**Imaging for Structural Heart Interventions**  
Jeremy Collins, MD

**Finding a Way - TAVR in Difficult Anatomical Situations**  
John Webb, MD

**Cerebral Protection for Transcatheter Valve Therapies**  
James Flaherty, MD

**My Latest Experiences in Mitral Valve Repair**  
Eberhard Grube, MD

10:30-10:45 am **BREAK**



## **SESSION II** **COMPLEX CORONARY INTERVENTION 1** **COMPLEX PCI**

**MODERATOR:** Mark Ricciardi, MD  
**PANEL:** Nirat Beohar, MD  
Eberhard Grube, MD  
Ranya Sweis, MD, MS

10:45-12:00 pm **Unprotected Left Main Coronary Intervention - After EXCEL and NOBLE**  
Nirat Beohar, MD

**Vascular Access Large and Small - Tips and Tricks to Minimize Complications**  
Ranya Sweis, MD, MS

**Rotational, Orbital and Laser Atherectomy**  
Tim Provias, MD, MPH

**IVUS and OCT during PCI - What to Use When**  
Sandeep Nathan, MD, MS

12:00-1:00 pm **LUNCH**



## **SESSION III** **STRUCTURAL HEART THERAPIES 2** **VALVULAR HEART DISEASE 2**

**MODERATOR:** James Flaherty, MD  
**PANEL:** Amar Krishnaswamy, MD  
John Webb, MD  
Alan Zajaris, MD

1:00-3:00 pm **Percutaneous Mitral Valve Therapies - Valve-in-Valve, MitraClip and Beyond**  
Alan Zajaris, MD

**Live Case - Percutaneous Mitral Valve Repair**  
Mark Ricciardi, MD  
Charles Davidson, MD  
Jyothy Puthumana, MD

**Interventional Echocardiography**  
James Thomas, MD

**Percutaneous Mitral Valve Replacement - Where Are We?**  
S. Chris Malaisrie, MD

**The Forgotten Valve - Percutaneous Tricuspid Valve Intervention**  
Charles Davidson, MD

3:00-3:15 pm **BREAK**



## SESSION IV STRUCTURAL HEART THERAPIES 3 NON-VALVULAR STRUCTURAL INTERVENTION

**MODERATOR:** Charles Davidson, MD

**PANEL:** Zahid Amin, MD  
Joseph Rossi, MD, MSCI  
Atman Shah, MD

3:15-5:00 pm **Alcohol Septal Ablation - And Its Role as an Adjunct for Transcatheter Valve Therapies**  
Amar Krishnaswamy, MD

**Left Atrial Appendage Occlusion - Who, When and How**  
Joseph Rossi, MD, MSCI

**PFO and ASD Closure - Latest Indications, Tools and Techniques**  
Zahid Amin, MD

**Pulmonary Artery Intervention - PERT Plus**  
Daniel Schimmel Jr., MD, MS

**Complex Congenital Heart Intervention**  
Atman Shah, MD



## SATURDAY SEPTEMBER 23

7:30-8:30 am **BREAKFAST**

### SESSION V COMPLEX CORONARY INTERVENTION 2 PERCUTANEOUS VENTRICULAR SUPPORT

**MODERATOR:** James Flaherty, MD

**PANEL:** Keith Benzuly, MD  
Duc Pham, MD  
Clyde Yancy, MD, MSc

8:30-10:20 am **Picking the Right Device for Shock and PCI**  
John Blair, MD

**Taped Case - Protected PCI**  
Keith Benzuly, MD  
Tim Provias, MD, MPH

**Right Ventricular Support - Expanding Options**  
Jane Wilcox, MD, MSc

**Interventional Heart Failure Therapies - An Emerging Field**  
Sanjiv Shah, MD

10:20-10:40 am **BREAK**

### SESSION VI COMPLEX CORONARY INTERVENTION 3 CTO PCI AND NEW DEVICES

**MODERATOR:** Mark Ricciardi, MD

**PANEL:** Tony DeMartini, MD  
J. Aaron Grantham, MD  
Nils Johnson, MD, MS

10:40-12:30 pm **CTO PCI - Best Practices for Success**  
Tony DeMartini, MD

**Taped Case - CTO**  
Mark Ricciardi, MD  
Daniel Schimmel Jr., MD, MS

**Robotic Assisted PCI - How Far Away?**  
J. Aaron Grantham, MD

**Use of Physiologic Lesion Assessment to Better Achieve Complete Revascularization**  
Nils Johnson, MD, MS

# CHICAGO TOURIST INFORMATION



## The Windy City!

Chicago is more than just a big city. Besides its striking downtown, which includes some of the tallest buildings in the world, Chicago has a distinctive coastline, hundreds of vibrant parks and 77 unique neighborhoods. In Chicago you will find incredible shopping on The Magnificent Mile, a Michelin-rated dining scene and exciting nightlife. The city also vaunts more than 60 museums, five regional Tony Award-winning theaters and, no matter the season, a sports team to cheer to victory. Chicago's neighborhoods represent more than 100 countries and it's through this diversity and profound city culture that we are able to develop the country's best restaurants, theaters and museums. Enjoy your visit to Chicago!

## Natural Beauty Among Manmade Wonders

Just imagine. Twenty-six miles of uninterrupted lakefront nestled against undoubtedly one of the most magnificent skylines. And that's not all we've got. The lakefront includes 16 miles of sandy beaches and an 18-mile stretch of bike path. Bikers, boaters, sunbathers and volleyball players abound. Turn to Chicago's green space and you'll find even more activity. There are hundreds of beautifully maintained parks, such as Millennium and Grant Parks downtown and Lincoln Park just to the north. And Museum Campus alone has 57 immaculate acres.

## Sights Truly Worth Seeing

Adults and children alike are wowed by Chicago's awesome attractions. Here, you can walk out onto the water of Lake Michigan with a visit to Navy Pier and its many rides, restaurants, theaters and shops. Visit The Ledge at Skydeck Chicago in the Willis Tower, and you can practically walk on air more than 1,000 feet in the sky. 360 CHICAGO offers its own variety of breathtaking views of the city and lake. And perhaps Chicago's most out-of-this-world experience is right back at ground level in the form of Millennium Park. The Park's Cloud Gate sculpture ("The Bean"), Pritzker Pavilion, Crown Fountain and other fascinating features are like nothing you've ever seen. Of course, the same could be said for the city as a whole.

## For Entertainment, We're Your Kind Of Town

With incredible venues ranging from intimate neighborhood clubs to historic music halls, Chicago is the prime tour stop. From classical to heavy metal, you'll find it here on any given night. And every summer the sounds of Lollapalooza, the Blues Festival, Taste of Chicago, Pitchfork Music Festival, The Stars of Lyric Opera and many more fill the air. Maybe you'd like something a little more theatrical? From glitzy pre-Broadway debuts to more intimate local productions, we've got it all, including five Tony Award®-winning theater companies and the legendary comedy of The Second City.

**Book A Tour!**  
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633 North Saint Clair Street  
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Conveniently located in the heart of Chicago, just steps from the city's famed Michigan Avenue with hundreds of world-class shops, restaurants and exciting nightlife: the symphony, museums, galleries, world-class restaurants, shopping, Lake Michigan and the Loop financial district.

Rooms have been reserved and will be available for a special rate of \$165 (single/double occupancy), plus tax. Please contact the Hyatt directly at [resweb.passkey.com/go/3rdAnnualChicagoCSI2016](http://resweb.passkey.com/go/3rdAnnualChicagoCSI2016) or 888-591-1234 to make your reservations. To receive the reduced room rate, reservations must be made by August 21, 2017 and identify yourself as a registrant of the 4th Annual Chicago CSI. Reservations made after August 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.



## 4<sup>TH</sup> ANNUAL CHICAGO CSI

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Northwestern Memorial Hospital | Chicago, Illinois

#### Registration Category

- Physician: .....\$250
- Physician of Northwestern Medicine and Affiliates: .....\$200
- Nurse or Technician: .....\$150
- Physician in Training: .....\$100
- Industry Professional: .....\$350

*The registration fee includes: Continental breakfast, lunch, refreshment breaks, and the course handout.*

#### How to Register

 **ONLINE - [ChicagoCSI.com](http://ChicagoCSI.com)**

 **OR mail a check made payable to Meeting Achievements to:**

Meeting Achievements  
232 E 500 N  
Valparaiso, IN 46383

**?** For questions regarding registration you can email us at [polly@meetingachievements.com](mailto:polly@meetingachievements.com) or call us at 219-465-1115.

**Registrations will not be accepted by telephone.**

#### Please Type or Print

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

MD    DO    RN    Other (please specify) \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_

E-mail (Required) \_\_\_\_\_

*Your registration confirmation will be e-mailed*

Specialty \_\_\_\_\_

Please indicate any special needs (Dietary or other) \_\_\_\_\_

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