



# 38th Annual Northwestern Vascular Symposium

DECEMBER 12-14, 2013

InterContinental Chicago  
Chicago, Illinois

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NORTHWESTERN UNIVERSITY



Northwestern University  
Feinberg School of Medicine  
Division of Vascular Surgery  
and  
The Office of  
Continuing Medical Education

# PROGRAM INFORMATION

## TARGET AUDIENCE

Healthcare professionals who detect, diagnose, manage and treat vascular diseases, including but not limited to aneurysms, peripheral vascular disease, venous disease and blood flow issues.

## EDUCATIONAL OBJECTIVES

At the conclusion of this Symposium, participants will be able to:

- Provide current treatment recommendations for extra-cranial carotid and supra-aortic trunk arterial occlusive disease
- Describe the expected outcomes of lower extremity revascularization for arterial occlusive disease following open surgical and endovascular techniques
- Provide new information about the treatment of lower extremity venous disease
- Evaluate the limitations of EVAR
- Demonstrate the treatment options for visceral and renal artery aneurysmal and occlusive disease
- Discuss the growing application of TEVAR for thoracic aortic pathology
- Provide information about the latest developments in treatment of thoracoabdominal aortic aneurysm disease
- Evaluate new developments in the management of complex venous disease
- Provide information on the latest in treatment of upper extremity vascular disease and hemodialysis access
- Demonstrate the clinical application of the course contents through the panel and case study discussions

## CONFERENCE LOCATION

The program will be held at the InterContinental Chicago, 505 N. Michigan Avenue, Chicago, Illinois. Please contact the hotel directly at (312) 944-4100 for directions and parking information.

## HOTEL ACCOMMODATIONS

For hotel reservations, please contact the InterContinental Chicago at (800) 628-2112 and identify yourself as a participant of the 38th Annual Northwestern Vascular Symposium.

A block of rooms has been reserved at the InterContinental Chicago for a special rate of \$159 (plus tax) for single or double occupancy in the Main Building or \$199 (plus tax) for single or double occupancy in the Historic Tower. Participants are responsible for making their own hotel reservations. Please identify yourself as a registrant of 38th Annual Northwestern Vascular Symposium to receive the reduced room rate. Room reservations made after November 11, 2013 are subject to availability at regular hotel rates.

Chicago is a popular vacation and convention destination. We recommend that you make your reservations as soon as possible in order to guarantee accommodations.

## 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

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 19.75 *AMA PRA Category 1 Credits™*. Physicians should claim only credit commensurate with the extent of their participation in the activity.

## REFUNDS

Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration fee, minus a \$50 administrative charge, will be refunded. No refunds will be granted after November 26, 2013.

## SPECIAL NEEDS

The Feinberg School of Medicine fully intends to comply with the legal requirements of the American 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.

## FACULTY DISCLOSURE

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.

## ADDITIONAL INFORMATION

Contact the Office of Continuing Medical Education, Northwestern University Feinberg School of Medicine, phone: 312-503-8533, fax: 312-503-4531, e-mail: [nums-cme@northwestern.edu](mailto:nums-cme@northwestern.edu) or visit our website at [www.cme.northwestern.edu](http://www.cme.northwestern.edu).

# FACULTY

### PROGRAM DIRECTORS

**Mark K. Eskandari, MD**  
**William H. Pearce, MD**

### SPEAKERS

**Peter Angelos, MD, PhD**  
University of Chicago

**Joseph E. Bavaria, MD**  
University of Pennsylvania

**Adam W. Beck, MD**  
University of Florida

**Thomas C. Bower, MD**  
Mayo Clinic

**O. William Brown, MD, JD**  
Oakland University

**Kellie R. Brown, MD**  
Medical College of Wisconsin

**Neal S. Cayne, MD**  
New York University

**Rabih A. Chaer, MD**  
University of Pittsburgh

**Jae S. Cho, MD**  
Loyola University

**W. Darrin Clouse, MD**  
University of California @ Davis

**Mark F. Conrad, MD**  
Harvard Medical School

**Michael C. Dalsing, MD**  
Indiana University

**Brian G. DeRubertis, MD**  
UCLA

**Gregory Dumanian, MD**  
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**Audra A. Duncan, MD**  
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**Julie Ann Freischlag, MD**  
Johns Hopkins University

**Robert D. Galiano, MD**  
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**Patrick J. Geraghty, MD**  
Washington University

**Bruce L. Gewertz, MD**  
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**Eric S. Hager, MD**  
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**Andrew W. Hoel, MD**  
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**G. Chad Hughes, MD**  
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**Melina R. Kibbe, MD**  
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**Brajesh K. Lal, MD**  
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**Frank A. Lederle, MD**  
Minneapolis VA Medical Center

**S. Chris Malaisrie, MD**  
Northwestern University

**Robert B. McLafferty, MD**  
Oregon Health Sciences  
University

**George H. Meier, III, MD**  
University of Cincinnati

**Mark H. Meissner, MD**  
University of Washington

**Ross Milner, MD**  
University of Chicago

**Nicholas J. Morrissey, MD**  
Columbia University

**Mark R. Nehler, MD**  
University of Colorado

**Richard F. Neville, MD**  
George Washington University

**William Frank Oppat, MD**  
Wayne State University

**William H. Pearce, MD**  
Northwestern University

**Bruce A. Perler, MD**  
Johns Hopkins University

**Todd E. Rasmussen, MD**  
Uniformed Services University of  
the Health Sciences

**Scott A. Resnick, MD**  
Northwestern University

**Sean P. Roddy, MD**  
Albany Medical College

**Heron E. Rodriguez, MD**  
Northwestern University

**Thom W. Rooke, MD**  
Mayo Clinic

**Andres Schanzer, MD**  
University of Massachusetts

**Dhiraj M. Shah, MD**  
Albany Medical College

**Sherene Shalhub, MD**  
University of Texas @ Houston

**Anton Skaro, MD, PhD**  
Northwestern University

**H. Bob Smouse, MD**  
University of Illinois Peoria

**William Stone, MD**  
Mayo Clinic

**R. James Valentine, MD**  
UT Southwestern

**Robert L. Vogelzang, MD**  
Northwestern University

**James S.T. Yao, MD, PhD**  
Northwestern University

# PROGRAM DESCRIPTION

Welcome to our 38th Annual Northwestern Vascular Symposium. In this two and a half day course we have brought together over 50 national experts in their respective fields of vascular care who have contributed an up-to-date written chapter that accompanies their corresponding 15-minute presentation. As has been the tradition, we have selected speakers based on recent peer-reviewed publications, national societal presentations, and/or recognized leaders in their discipline. The program provides a comprehensive analysis of the current management of vascular disease as it relates to treatment of extracranial cerebrovascular and supra-aortic trunk disease, new approaches to lower extremity arterial and venous problems, recent cutting-edge developments in open and endovascular approaches to treat aortic and visceral arterial disease, as well as novel techniques for hemodialysis access, complex venous problems, upper extremity disorders. Concluding each session, a 30-minute panel discussion will occur allowing the audience ample time to ask more in-depth questions of the experts.

A long-standing tradition of our program has been the inclusion of several short case presentations given by the Northwestern faculty during the continental breakfast on Friday and Saturday mornings. We recognize the educational value of this interactive experience and invite the audience to participate along with our panelists.

In addition to CME credits, registration for the meeting includes a daily continental breakfast, lunch, refreshments, and the hardcover textbook. We look forward to having you join us in Chicago during this festive time of year.

# AGENDA

## THURSDAY, DECEMBER 12, 2013

- 7:00 a.m. Registration and Continental Breakfast
- 7:40 a.m. **Welcome and Introduction**  
Mark K. Eskandari, MD
- 7:45 a.m. **Interviews with Pioneers of Vascular Surgery: Observations and Lessons Learned**  
James S.T. Yao, MD, PhD, Roger T. Gregory, MD, Norman M. Rich, MD  
on behalf of History Project Work Group-SVS

### ■ Cerebrovascular And Supra-Aortic Trunk Disease

Moderator: Mark K. Eskandari, MD

- 8:00 a.m. **Cervical Carotid Dissections—Treatment and Outcomes**  
Rabih A. Chaer, MD, MSc
- 8:15 a.m. **Anatomic Risk Factors For Carotid Stenting**  
Melina R. Kibbe, MD
- 8:30 a.m. **Restenosis Rates After CEA v CAS: Analysis Of The CREST Data**  
Brajesh K. Lal, MD
- 8:45 a.m. **Revisiting Treatment Options For Asymptomatic Carotid Disease**  
Bruce A. Perler, MD, MBA
- 9:00 a.m. **Complex Supra-Aortic Trunk Revascularization: Surgical Tips**  
Thomas C. Bower, MD
- 9:15 a.m. **Panel Discussion**
- 9:45 a.m. Refreshment Break and Exhibits

### ■ Current Issues In Vascular Surgery

Moderator: Andrew W. Hoel, MD

- 10:00 a.m. **Future Challenges For Vascular Surgeons**  
Julie Ann Freischlag, MD
- 10:15 a.m. **Emotional Intelligence: Can It Enhance Your Personal and Professional Life?**  
Bruce L. Gewertz, MD
- 10:30 a.m. **Top 10 Coding Tips**  
Sean P. Roddy, MD
- 10:45 a.m. **Legal Implications of Off-Label Device Usage**  
O. William Brown, MD, JD

11:00 a.m. **Multiple Roles of The Surgeon: Informed Consent, Advanced Directives, Withdrawal Of Support**

Peter Angelos, MD, PhD

11:15 a.m. **Panel Discussion**

11:45 a.m. Refreshment Break and Exhibits

12:00 p.m. Luncheon

## ■ Vascular Access

Moderator: John White, MD

1:30 p.m. **Is Pre-Emptive Vascular Access Warranted?**

Mark R. Nehler, MD

1:45 p.m. **"Nuts And Bolts" of Basilic Vein Transposition**

Anton Skaro, MD, PhD

2:00 p.m. **Alternative Conduits For Hemodialysis Access**

William Frank Oppat, MD

2:15 p.m. **Contemporary Management of Access-Related Aneurysms**

George H. Meier, III, MD

2:30 p.m. **Management of Infected AV Grafts**

Audra A. Duncan, MD

2:45 p.m. **Panel Discussion**

3:15 p.m. Refreshment Break and Exhibits

## ■ Lower Extremity Venous Disease

Moderator: Heron E. Rodriguez, MD

3:30 p.m. **Early Thrombus Removal For Acute Iliofemoral DVT**

Mark H. Meissner, MD

3:45 p.m. **Iliofemoral Thrombolysis Without IVC Interruption**

Eric S. Hager, MD

4:00 p.m. **Practice Guidelines For Varicose Veins**

Robert B. McLafferty, MD

4:15 p.m. **Tips and Tricks For Successful Endovenous Ablation**

Kellie R. Brown, MD

4:30 p.m. **Treatment of Popliteal Venous Aneurysms**

Heron E. Rodriguez, MD

4:45 p.m. **Panel Discussion**

5:15 p.m. Adjourn

## FRIDAY, DECEMBER 13, 2013

7:00 a.m. Case Presentations and Continental Breakfast

## ■ Lower Extremity Arterial Disease

Moderator: Walter J. McCarthy III, MD

8:00 a.m. **Negative Impact of Failed SFA Interventions**

Ross Milner, MD

8:15 a.m. **Tibial Artery Bypass: Heparin-Bonded PTFE vs Saphenous Vein Graft**

Richard F. Neville, MD

8:30 a.m. **Outcomes of Endovascular Repair For Popliteal Artery Aneurysms**

Neal S. Cayne, MD

8:45 a.m. **Will Drug-Eluting SFA Stents Replace All Other Interventions?**

H. Bob Smouse, MD

9:00 a.m. **Reconstructive Options For Complex Groin Wounds**

Robert D. Galiano, MD

9:15 a.m. **Panel Discussion**

9:45 a.m. Refreshment Break and Exhibits

## ■ Visceral And Renal Artery Disease

Moderator: Martin Borhani, MD

10:00 a.m. **Technical Details For Retrograde Mesenteric Stenting**

Andrew W. Hoel, MD

10:15 a.m. **Endovascular Approaches To GDA Aneurysms**

Scott A. Resnick, MD

10:30 a.m. **Mesenteric Ischemia Among Children And Young Adults: Etiology And Treatment**

Michael C. Dalsing, MD

10:45 a.m. **Current Data on Radiofrequency Renal Artery Denervation**

Nicholas J. Morrissey, MD

11:00 a.m. **Renal Artery Reconstruction Techniques For Aneurysms and Occlusive Disease: Approach and Conduits**

Dhiraj M. Shah, MD

11:15 a.m. **Panel Discussion**

11:45 a.m. Refreshment Break and Exhibits

12:00 p.m. Case Presentations and Luncheon

## ■ Upper Extremity Diseases

Moderator: Melina R. Kibbe, MD

- 1:30 p.m. **Axillary-Subclavian Arterial Injuries: Endovascular v Open**  
W. Darrin Clouse, MD
- 1:45 p.m. **Uncommon Upper Extremity Disorders**  
Thom W. Rooke, MD
- 2:00 p.m. **Hand Ischemia After Radial Artery Cannulation**  
R. James Valentine, MD
- 2:15 p.m. **Treatment Strategies For Access-Related Hand Ischemia**  
Thomas Huber, MD, PhD
- 2:30 p.m. **Innovative Techniques To Improve Digital Hand Ischemia**  
Gregory Dumanian, MD
- 2:45 p.m. **Panel Discussion**
- 3:15 p.m. Refreshment Break and Exhibits

## ■ Complex Arterial And Venous Diseases

Moderator: William H. Pearce, MD

- 3:30 p.m. **Endovascular Treatment of the Aorta Among Marfan's Patients**  
Adam W. Beck, MD
- 3:45 p.m. **Distribution and Mortality of Arterial War Injuries**  
Todd E. Rasmussen, MD
- 4:00 p.m. **Management of Vascular Malformations**  
Robert L. Vogelzang, MD
- 4:15 p.m. **Advanced IVC Filter Retrieval Techniques**  
Brian G. DeRubertis, MD
- 4:30 p.m. **Vena Cava Anomalies And Treatment Options**  
William H. Pearce, MD
- 4:45 p.m. **Panel Discussion**
- 5:15 p.m. Adjourn

## SATURDAY, DECEMBER 14, 2013

- 7:00 a.m. Case Presentations and Continental Breakfast

## ■ Abdominal Aortic Diseases

Moderator: Christopher Skelly, MD

- 8:00 a.m. **Long-Term Comparison of Open and Endovascular AAA Repair**  
Frank A. Lederle, MD
- 8:15 a.m. **Outcomes of Percutaneous Treatment of Type II Endoleaks**  
Patrick J. Geraghty, MD
- 8:30 a.m. **Predictors of AAA Sac Enlargement After EVAR**  
Andres Schanzer, MD
- 8:45 a.m. **Inflammatory Aortic Aneurysm—Open or EVAR**  
William M. Stone, MD
- 9:00 a.m. **Blunt Abdominal Aortic Injury**  
Sherene Shalhub, MD, MPH
- 9:15 a.m. **Panel Discussion**
- 9:45 a.m. Refreshment Break and Exhibits

## ■ Thoracic/Thoracoabdominal Diseases

Moderator: Mark K. Eskandari, MD

- 10:00 a.m. **Chronic Thoracic Dissection: Outcomes of Open Repair**  
Mark F. Conrad, MD
- 10:15 a.m. **DeBakey Type III Chronic Dissecting Aneurysms: Outcomes of TEVAR vs Open TAAA Solutions**  
Joseph E. Bavaria, MD
- 10:30 a.m. **TEVAR Complicated By Acute Retrograde Dissection**  
G. Chad Hughes, MD
- 10:45 a.m. **Ascending Repair Combined With TEVAR For Acute Dissections**  
S. Chris Malaisrie, MD
- 11:00 a.m. **Management of Acute and Chronic Thoracic Stent Graft Collapse**  
Jae Cho, MD
- 11:15 a.m. **Panel Discussion**
- 12:00 p.m. **Closing Comments**  
Mark K. Eskandari, MD



- ☐ Physicians ..... \$ 850.00  
☐ Residents, Fellows, Nurses ..... \$ 575.00

**How to Register:**

**On-Line:**

Go to [www.cme.northwestern.edu/conferences](http://www.cme.northwestern.edu/conferences)

Or **Mail** with check to  
Northwestern University  
Feinberg School  
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420 E. Superior, Rubloff Ste. 680  
Chicago, IL 60611-3008  
Phone: 312-503-8533

**Please make your check payable to Northwestern University.**

(Residents and Fellows must enclose letters from their Chiefs of Service)

**The registration fee includes: 3 continental breakfasts, 2 lunches, refreshment breaks, and a course textbook.**

PLEASE TYPE OR PRINT

Last Name \_\_\_\_\_ ☐ MD  
\_\_\_\_\_ ☐ RN  
\_\_\_\_\_ ☐ Other \_\_\_\_\_

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

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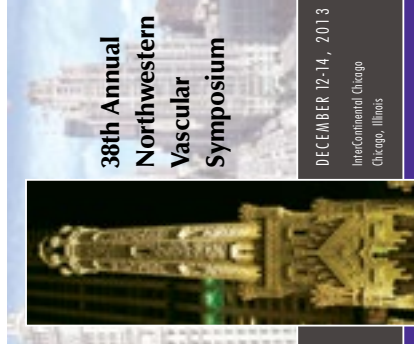
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DECEMBER 12-14, 2013  
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The banner features a photograph of a classical building at night, illuminated with warm lights. The text is overlaid on the image in a clean, sans-serif font.

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