

# ▪ VESS 2017 Annual Meeting ▪

*Last Updated: 12/5/16*

## Wednesday, February 1, 2017

6:00 pm – 10:00 pm Executive Council Meeting

## Thursday, February 2, 2017

7:00 am – 5:00 pm Registration

8:15 am – 12:15 pm **COOK FELLOW LUMINARIES PROGRAM**  
Moderator: Matt Eagleton, MD

10:30 am – 11:00 am Coffee Break

12:30 pm – 1:30 pm Fellows Lunch

2:30 pm - 5:30 pm **TECHNOLOGY FORUM – DIDACTIC & HANDS-ON**  
Moderator: Todd Berland, MD

6:00 – 7:30 pm **WELCOME RECEPTION**  
All attendees, guests & exhibitors are welcome.

## Friday, February 3, 2017

6:00 am – 7:00 am Continental Breakfast in the Exhibit Hall

6:00 am – 9:30 am Registration

**7:00 am – 9:15 am SCIENTIFIC SESSION I**  
Moderators: Faisal Aziz, MD & Peter Nelson, MD

7:00 am – 7:12 am 1  
**Carotid Body Tumor Resection: Just As Safe Without Preoperative Embolization**  
Adel Barkat, Adrienne Cobb, Bernadette Aulivola, Pegge Halandras, Paul Crisostomo - Loyola University Medical Center, Maywood, IL

7:12 am – 7:24 am 2  
**A National Study Evaluating Hospital Volume and Inpatient Mortality After Open Abdominal Aortic Aneurysm Repair in Vulnerable Populations**  
Andrew A. Gonzalez<sup>1</sup>, Danielle C. Sutzko<sup>2</sup>, Nicholas C. Osborne<sup>2</sup> - <sup>1</sup>University of Illinois at Chicago, Chicago, IL; <sup>2</sup>University of Michigan, Ann Arbor, MI

7:24 am – 7:36 am 3  
**Current Experience and Mid-Term Follow-Up of Immediate Access Arteriovenous Grafts**  
Jason K. Wagner<sup>1</sup>, Sandra Truong<sup>1</sup>, Rabih Chaer<sup>1</sup>, Ellen Dillavou<sup>2</sup>, Eric Hager<sup>1</sup>, Theodore Yuo<sup>1</sup>, Michel Makaroun<sup>1</sup>, Efthimios Avgerinos<sup>1</sup> - <sup>1</sup>University of Pittsburgh, Pittsburgh, PA; <sup>2</sup>Duke University, Durham, NC

7:36 am – 7:48 am 4  
**Metabolic Syndrome but Not Obesity Adversely Affects Outcomes After Open Aortoiliac Bypass Surgery**  
Alexa Perlick, Charles C. Miller, III, Harleen K. Sandhu, Shaikh Afaq, Hazim J. Safi, Ali Azzizadeh, Kristofer Charlton-Ouw - University of Texas Medical School at Houston, Houston, TX

- 7:48 am – 7:56 am 5 (CR)  
**Acute Type B Dissection Causing Collapse of EVAR Endograft and Iliac Limb Occlusion**  
 Nathan K. Itoga, Tiffany Wu, Michael D. Dake, Ronald L. Dalman, Jason T. Lee - Stanford University, Stanford, CA
- 7:56 am – 8:04 am 6 (RF)  
**Real World Outcomes Using Arterial Closure Devices**  
 Michael C. Scott, Ahsan T. Ali, Mohammed M. Moursi, Guillermo A. Escobar, Lewis C. Lyons, Matthew R. Smeds - University of Arkansas for Medical Sciences, Little Rock, AR
- 8:04 am – 8:12 am 7 (RF)  
**The BEST-CLI Trial: A Multidisciplinary Effort at Work!**  
 Alik Farber<sup>1</sup>, Kenny Rosenfield<sup>2</sup>, Jeff Siracuse<sup>1</sup>, Cari Reynolds<sup>1</sup>, Matthew Menard<sup>3</sup> - <sup>1</sup>Boston Medical Center, Boston, MA; <sup>2</sup>Massachusetts General Hospital, Boston, MA; <sup>3</sup>Brigham and Women's Hospital, Boston, MA
- 8:12 am – 8:24 am 8  
**Variation In Transfusion Practices and Their Associations with Perioperative Adverse Events in Patients Undergoing Open Abdominal Aortic Aneurysm Repair and Lower Extremity Arterial Bypass in the Vascular Quality Initiative (VQI)**  
 Zachary Osborne<sup>1</sup>, Kristine Hanson<sup>1</sup>, Benjamin Brooke<sup>2</sup>, Marc Schermerhorn<sup>3</sup>, Peter Henke<sup>4</sup>, Rumi Faizer<sup>5</sup>, Andres Schanzer<sup>6</sup>, Philip Goodney<sup>7</sup>, Thomas Bower<sup>1</sup>, Randall DeMartino<sup>1</sup> - <sup>1</sup>Mayo Clinic, Rochester, MN; <sup>2</sup>University Hospital, Salt Lake City, UT; <sup>3</sup>Beth Israel Deaconess Medical Center, Boston, MA; <sup>4</sup>University of Michigan, Ann Arbor, MI; <sup>5</sup>University of Minnesota, Minneapolis, MN; <sup>6</sup>UMass Memorial Medical Group, Worcester, MA; <sup>7</sup>Dartmouth Institute, Hanover, NH
- 8:24 am – 8:35 am 9  
**Frailty Increases the Risk of Major Adverse Cardiac Events in Patients with Stable Claudication**  
 Melinda S. Schaller, Warren J. Gasper, Nancy K. Hills\*, S. Marlene Grenon - University of California, San Francisco, San Francisco, CA
- 8:35 am – 8:47 am 10  
**Evaluating the Utilization of Prophylactic Inferior Vena Cava Filters After Trauma**  
 Lloyd Jones, Jr.<sup>1</sup>, Navdeep Samra<sup>1</sup>, Bo Hu<sup>2</sup>, Quyen Chu<sup>1</sup>, Wayne Zhang<sup>1</sup>, Tze-Woei Tan<sup>1</sup> - <sup>1</sup>Louisiana State University HSC Shreveport, Shreveport, LA; <sup>2</sup>Cleveland Clinic, Cleveland, OH
- 8:47 am – 8:55 am 11 (CR)  
**Gonadal Vein Transposition for the Treatment of Nutcracker Syndrome**  
 Eric Shang, Naveen Balasundaram, Woosup M. Park - Cleveland Clinic Foundation, Cleveland, OH
- 8:55 am – 9:03 am 12 (RF)  
**Design and Implementation of a Digital Health Platform for Measuring Peripheral Artery Disease Outcomes: The Project VOICE Pilot Study**  
 Matthew A. Corriere<sup>1</sup>, Donna Keith<sup>2</sup>, Timothy E. Craven<sup>2</sup>, Justin Brothwell Hurie<sup>2</sup>, Randolph L. Geary<sup>2</sup>, Gabriela Velazquez-Ramirez<sup>2</sup>, Matthew S. Edwards<sup>2</sup> - <sup>1</sup>University of Michigan, Ann Arbor, MI; <sup>2</sup>Wake Forest University School of Medicine, Winston Salem, NC
- 10:00 am – 12:00 pm **ROUND TABLE DISCUSSIONS** (Optional Programming)
- 3:00 pm Registration Re-Opens
- 3:30 pm – 4:00 pm Coffee/Snacks – Visit Exhibitors

4:00 pm – 6:00 pm

**SCIENTIFIC SESSION II**

Moderators: Benjamin Brooke, MD & Mark Conrad, MD

4:00 pm – 4:12 pm

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**Prophylactic Groin Wound VAC Therapy? - Evidence for a "Pre-Emptive Strike" in Vascular Surgery Patients at Enhanced Risk for Postoperative Wound Infection**

Luke Pesonen, Abdulhameed Aziz, Brian Halloran - St. Joseph Mercy Hospital, Ypsilanti, MI

4:12 pm – 4:24 pm

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**Fellows Assessment of Their Training**

Sheila Blumberg, Anil Hingorani, Amrit Hingorani, Enrico Ascher, Natalie Marks, Eleanor Iadgarova - Total Vascular Care, Brooklyn, NY

4:24 pm – 4:36 pm

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**Outcomes of Tibial Endovascular Intervention in Patients with ESRD on Dialysis**

Hallie E. Baer-Bositis, Georges M. Haider, Taylor D. Hicks, Lori L. Pounds, Matthew J. Sideman, Mark G. Davies - UT HSC San Antonio, San Antonio, TX

4:36 pm – 4:48 pm

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**Surgical Intervention for Peripheral Artery Disease Does Not Improve Patient Compliance with Recommended Medical Therapy**

Tyler R. Halle, Jaime Benarroch-Gampel, Victoria Teodorescu, Ravi R. Rajani - Emory University School of Medicine, Atlanta, GA

4:48 pm – 4:56 pm

17 (RF)

**Anterograde Reperfusion Catheters are Associated with Improved Outcomes Among Patients Who Are Undergoing Extra Corporeal Membrane Oxygenation Via Femoral Cannulation**

Adam C. Ring, Arjun Agrawal, Christoph E. Brehm, John Radtka, David Han, Faisal Aziz - PSU HMC, Hershey, PA

4:56 pm – 5:04 pm

18 (CR)

**Fenestrated Plus Sandwiched-Reverse-Snorkel Technique for Endovascular Repair of a Pararenal Abdominal Aortic Aneurysm with Complex Renal Artery Anatomy**

Perry J. Xu, Mina Boutrous, Donald L. Jacobs - Saint Louis University School of Medicine, Saint Louis, MO

5:04 pm – 5:12 pm

19 (CR)

**An Innovative Endovascular Technique for Repair of Descending Thoracic Aortic Aneurysm Following an Open Coarctation Repair**

Pouria Parsa, Anthony Rios, Javier Vasquez, Jr., John Eidt, Dennis Gable - Baylor University Medical Center, Dallas, TX

5:12 pm – 5:24 pm

20

**Surveillance Duplex Ultrasound After Carotid Endarterectomy: Contralateral Carotid Stenosis, Restenosis and Cost**

R. Clement Darling, III, John B. Taggart, Yaron Sternbach, Sean P. Roddy, Paul B. Kreienberg - Albany Medical College, Albany, NY

5:24 pm – 5:36 pm

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**Routine Frailty Assessment During Vascular Surgery Clinic Visits: Easier Than You Might Think**

Luke G. Mirabelli, Robert M. Cosker, Claire L. Griffin, Brigitte K. Smith, Mark R. Sarfati, Larry W. Kraiss, Benjamin S. Brooke - University of Utah, Salt Lake City, UT

5:36 pm – 5:48 pm 22  
**Pre-Operative Aspirin and Statin Use Does Not Affect Outcomes After Carotid Endarterectomy**  
Brianna Krafcik, Alik Farber, Robert T. Eberhardt, Jeffrey A. Kalish, Denis Rybin, Gheorghe Doros, Steven Pike, Jeffrey J. Sirausa - Boston University, Boston, MA

5:48 pm – 6:00 pm 23  
**Validation and Performance of Ruptured Abdominal Aortic Aneurysm Risk Prediction Model**  
Christopher Healey<sup>1</sup>, Michael Neilson<sup>1</sup>, David Clark<sup>1</sup>, Brian Nolan<sup>2</sup> - <sup>1</sup>Maine Medical Center, Portland, ME; <sup>2</sup>Dartmouth-Hitchcock Medical Center, Hanover, NH

6:00 pm **VESS MEMBER BUSINESS MEETING**

7:15 pm Free Evening

## Saturday, February 4, 2017

6:00 am – 7:00 am Continental Breakfast in the Exhibit Hall

6:00 am – 9:30 am Registration

**7:00 am – 9:00 am SCIENTIFIC SESSION III**  
Moderators: Shang Loh, MD & Jonathan Eliason, MD

7:00 am – 7:12 am 24  
**Endovascular Optimization of Distal Seal During Stent-Graft Repair of Chronic Type-B Aortic Dissection (TBAD)**  
Mel J. Sharafuddin, Rachael M. Nicholson, Samantha M. Alsop, Maen S. Aboul Hosn, Jeanette H. Man, Justin Walpole - University of Iowa Carver College of Medicine, Iowa City, IA

7:12 am – 7:24 am 25  
**Long-Term Follow-Up of Tibio-Distal Vein Bypass for Failed Tibial Angioplasty**  
Florian K. Enzmann, Sebastian K. Eder, Patrick Nierlich, Manuela Aspalter, Siegmund Guggenbichler, Werner Dabernig, Thomas J Hölzenbein - PMU Salzburg, Salzburg, Austria

7:24 am – 7:36 am 26  
**The Current Risk-Benefit Outlook for Endovascular vs. Open Surgical Bifurcated Aortoiliac Arterial Reconstruction Therapy for Aortoiliac Occlusive Disease**  
Tahlia L. Weis, Jean Marie Ruddy, Jacob G. Robison, John W. Hallett, Joshua D. Adams - Medical University of South Carolina, Charleston, SC

7:36 am – 7:48 am 27  
**Risk Factor Modification Behaviors of Practicing Vascular Surgeons**  
Alexandra P. Bader, Claudia P. Barone, Matthew R. Smeds - University of Arkansas for Medical Sciences, Little Rock, AR

7:48 am – 7:56 am 28 (CR)  
**Indications and Outcomes of Open Inferior Vena Cava Filter Removal**  
Shaikh Afaq, Samuel S. Leake, Harleen K. Sandhu, Naveed U. Saqib, Ali Azizzadeh, Kristofer M. Charlton-Ouw - University of Texas, Houston, TX

7:56 am – 8:04 am 29 (RF)  
**A Novel Off-the-Shelf Technique for Endovascular Repair of Type III and IV Thoracoabdominal Aortic Aneurysms Using the Gore Excluder and Viabahn Branches**  
Mathew Wooster, Paul Armstrong, Murray Shames - University of South Florida, Tampa, FL

8:04 am – 8:12 am	30 (RF) <b>Safety and Effectiveness of Retrograde Arterial Access For Endovascular Treatment of Critical Limb Ischemia (CLI)</b> Danielle Cafasso, Jordan Stern, Peter Connolly, Sharif Ellozy, Darren Schneider, Andrew Meltzer - New York Presbyterian Hospital, New York, NY
8:15 am – 8:45 am	<b>AWARD SESSION</b> Update from 2016 Winner(s) 2017 Award Winners: Gore Travel Award Medtronic Vascular Resident Research Award VESS Early Career Faculty Research Award
8:50 am – 9:00 am	<b>Introduction of the President</b> Peter Nelson, MD
9:00 am – 9:45 am	<b>PRESIDENTIAL ADDRESS</b> Thomas Maldonado, MD
3:00 pm	Registration Re-Opens
3:30 pm – 4:00 pm	Coffee/Snacks – Last Chance to Visit Exhibitors
<b>4:00 pm – 6:00 pm</b>	<b>SCIENTIFIC SESSION IV</b> Moderators: Justin Hurie, MD & John Rectenwald, MD
4:00 pm – 4:12 pm	31 <b>A Ten-Year Experience Using a Hybrid Endovascular Approach to Treat Aberrant Right Subclavian Arterial Aneurysms</b> Mathew Wooster, Martin Back, Danielle Sutzko, Paul Armstrong, Murray Shames - University of South Florida, Tampa, FL
4:12 pm – 4:24 pm	32 <b>Descriptive Analysis of Patients Undergoing Major Lower Extremity Amputation in the Vascular Quality Initiative</b> Joshua Gabel, Brice Jabo, Sharon Kiang, Sheela Patel, Christian Bianchi, Jason Chiriano, Theodore Teruya, Ahmed Abou-Zamzam, Jr. - Loma Linda University, Loma Linda, CA
4:24 pm – 4:36 pm	33 <b>An Accumulated Deficits Model Predicts Perioperative and Long-Term Adverse Events After Carotid Endarterectomy</b> Natalie D. Sridharan, Rabih A. Chaer, Bryan Boyuan Wu, Mohammad H. Eslami, Michel S. Makaroun, Efthymios Avgerinos - University of Pittsburgh, Pittsburgh, PA
4:36 pm – 4:48 pm	34 <b>Greater Compliance Within Instruction-for-Use For Concomitant Iliac Aneurysms and Adverse Aneurysm Characteristics - Initial Experience with the Nellix Endovascular Aneurysm Sealing System (EVAS) at a Single Institution</b> Jeffrey JX Hing, Jack K. Chng, Kiang H. Tay, Tze T. Chong - Singapore General Hospital, Singapore
4:48 pm – 4:56 pm	35 (RF) <b>Persistent Type II Endoleaks Following Endovascular Aneurysm Repair: Graft Type Matters</b> Cheong J. Lee, Al'haji Camara, Peter J. Rossi, Max Wohlauer, Kellie R. Brown, Brian Lewis, Robert Hieb, Parag J. Patel - Medical College of Wisconsin, Milwaukee, WI

- 4:56 pm – 5:04 pm 36 (CR)  
**Utility and Limitations of Smartphone App Technology for Wound Monitoring Following Vascular Surgery: A Case Series**  
 Graham Donald, Julie Beckstrom, Luke Mirabelli, Benjamin Brooke - University of Utah, Salt Lake City, UT
- 5:04 pm – 5:12 pm 37 (RF)  
**Changes in Geometry and Cardiac Deformation of the Thoracic Aorta After TEVAR**  
 Kelsey E. Hirotsu<sup>1</sup>, Ga-Young Suh<sup>2</sup>, Jason T. Lee<sup>2</sup>, Michael D. Dake<sup>2</sup>, Dominik Fleischmann<sup>2</sup>, Christopher P. Cheng<sup>2</sup> - <sup>1</sup>Stanford University School of Medicine, Stanford, CA; <sup>2</sup>Stanford University, Stanford, CA
- 5:12 pm – 5:24 pm 38  
**Toe Pressures are Superior to Duplex Parameters in Predicting Wound Healing Following Toe and Foot Amputations**  
 Patrick Stone - WVU Charleston, Charleston, WV
- 5:24 pm – 5:36 pm 39  
**Temporal Trends and Determinants of Inpatient Versus Outpatient Dialysis Access Operations: Is There an Effect on Perioperative Outcomes?**  
 Caitlin W. Hicks<sup>1</sup>, Michael R. Bronsert<sup>2</sup>, Karl E. Hammermeister<sup>2</sup>, William G. Henderson<sup>2</sup>, James H. Black, III<sup>1</sup>, Natalia O. Glebova<sup>2</sup> - <sup>1</sup>Johns Hopkins Medical Institutes, Baltimore, MD; <sup>2</sup>University of Colorado, Aurora, CO
- 5:36 pm – 5:48 pm 40  
**Superior 3-Year Value of Open and Endovascular Repair of AAA with High Volume Providers**  
 Antoinette Esce, Ankit Medhekar, Fergal Fleming, Katia Noyes, Roan J. Glocker, Jennifer L. Ellis, Kathleen G. Raman, Michael C. Stoner, Adam J. Doyle - University of Rochester School of Medicine and Dentistry, Rochester, NY
- 5:48 pm – 5:56 pm 41 (RF)  
**Most Early Type 1A Endoleaks After EVAR Will Resolve Without Secondary Intervention**  
 Thomas FX O'Donnell, Michael R. Corey, Sarah E. Deery, Gregory Tsougranis, Rohit Maruthi, William D. Clouse, Richard P. Cambria, Mark F. Conrad - Massachusetts General Hospital, Boston, MA
- 5:56 pm – 6:04 pm 42 (RF)  
**Cost-Effectiveness Analysis of Drug Coated Balloon vs. Drug Eluting Stent in the Superficial Femoral Artery**  
 Natalie D. Sridharan, Aureline Boitet, Kenneth Smith, Kathy Noorbakhsh, Efthymios Avgerinos, Mohammad H. Eslami, Michel Makaroun, Rabih Chaer - University of Pittsburgh, Pittsburgh, PA
- 7:00 pm – 10:00 pm **PRESIDENT'S DINNER**

## Sunday, February 5, 2017

- 6:30 am – 7:00 am Continental Breakfast
- 6:30 am – 9:30 am Registration
- 7:00 – 9:15 am** **SCIENTIFIC SESSION V**  
 Moderator: Joanelle Lugo, MD and Mark Conrad, MD

- 7:00 am – 7:12 am 43  
**Elevated Wall Tension Initiates Interleukin-6 Expression and Abdominal Aortic Dilation**  
Adam Akerman, Robert Stroud, Elizabeth Nadeau, Katherine Owen, Rupak Mukherjee, John Ikonomidis, Jeffrey Jones, Jean Marie Ruddy - Medical University of South Carolina, Charleston, SC
- 7:12 am – 7:24 am 44  
**Using Modified Frailty Index as a Screening Tool to Predict Adverse Outcomes After Lower Extremity Open Revascularization**  
Tarik Ali, Erik Lehman, Faisal Aziz - Penn State University, Hershey, PA
- 7:24 am – 7:36 am 45  
**Diabetes and Poor Runoff Predict Late Major Amputation After Percutaneous Intervention for Claudication**  
Kara J. Kennedy, William Darrin Clouse, Emel Ergul, Virendra I. Patel, Glenn M. LaMuraglia, Richard P. Cambria, Mark Conrad - Massachusetts General Hospital, Boston, MA
- 7:36 am – 7:48 am 46  
**Outcomes of Mechanical Thrombectomy in Conjunction with Thrombolysis in the Treatment of Acute Limb Ischemia**  
Sagar S. Gandhi, Alex Ewing, Bruce Gray - Greenville Health System, Greenville, SC
- 7:48 am – 7:56 am 47 (RF)  
**Predictive and Prognostic Risk Factors of Renal Failure in Acute Aortic Dissection**  
Samuel Leake, Harleen K. Sandhu, Hazim J. Safi, Anthony L. Estrera, Kristofer M. Charlton-Ouw - University of Texas Medical School at Houston, Houston, TX
- 7:56 am – 8:04 am 48 (RF)  
**Novel Application of Branched Endograft for Preservation of Pelvic Circulation**  
Roy Miler<sup>1</sup>, Patrick Sowa<sup>2</sup>, Matthew Eagleton<sup>1</sup>, Frederico Parodi<sup>1</sup> - <sup>1</sup>Cleveland Clinic, Cleveland, OH; <sup>2</sup>Chicago Medical School, Chicago, IL
- 8:04 am – 8:16 am 49  
**Successful Use of Endovascular Aortic Sealing (EVAS) for Treatment of Aortic Rupture in a Porcine Model**  
Brandon W. Propper, Shaun M. Gifford, Sean Hislop, Zachary M. Arthurs - San Antonio Military Medical Center, San Antonio, TX
- 8:16 am – 8:28 am 50  
**Left-Sided Varicocele as a Rare Presentation of May-Thurner Syndrome**  
Jordan R. Stern<sup>1</sup>, Virendra I. Patel<sup>2</sup>, Danielle E. Cafasso<sup>1</sup>, Nicole B. Gentile<sup>1</sup>, Andrew J. Meltzer<sup>1</sup> - <sup>1</sup>New York-Presbyterian Hospital, Weill Cornell Medicine, New York, NY; <sup>2</sup>Massachusetts General Hospital, Boston, MA
- 8:28 am – 8:40 am 51  
**The Impact of Arch Involvement in Acute Type B Aortic Dissection**  
Hunter M. Ray, Kristofer M. Charlton-Ouw, Anthony L. Estrera, Charles C. Miller, Hazim J. Safi, Ali Azizzadeh - University of Texas Medical School at Houston, Houston, TX
- 8:40 am – 8:52 am 52  
**Positive Impact of an Aortic Center Designation**  
Adam Tanius<sup>1</sup>, Marcello Giarelli<sup>2</sup>, Murray Shames<sup>1</sup> - <sup>1</sup>University of South Florida, Tampa, FL; <sup>2</sup>Tampa General Hospital, Tampa, FL
- 8:52 am – 9:04 am 53  
**Coronary Artery Calcium Scoring: Role in Screening for Vascular Disease?**  
William E. Raible, III, Yaron Sternbach, Alexander Kryszuk, Lance Sullenberger, Courtney R. Warner, Jeffrey H. Hnath, Sean P. Roddy, R. Clement Darling, III - Albany Medical Center, Albany, NY

9:15 am

Annual Meeting Adjourns