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. Gonzalez1, Danielle C. Sutzko2, Nicholas C. Osborne2 - 1University of Illinois at Chicago, Chicago, IL; 2University 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. Wagner1, Sandra Truong1, Rabih Chaer1, Ellen Dillavou2, Eric Hager1, Theodore Yuo1, Michel Makaroun1, Efthimios Avgerinos1 - 1University of Pittsburgh, Pittsburgh, PA; 2Duke 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 Azizzadeh, 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 Farber¹, Kenny Rosenfield², Jeff Siracuse¹, Cari Reynolds¹, Matthew Menard³ - ¹Boston Medical Center, Boston, MA; ²Massachusetts General Hospital, Boston, MA; ³Brigham 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 Osborne¹, Kristine Hanson¹, Benjamin Brooke², Marc Schermerhorn³, Peter Henke⁴, Rumi Faizer⁵, Andres Schanzer⁶, Philip Goodney⁷, Thomas Bower⁸, Randall DeMartino¹ - ¹Mayo Clinic, Rochester, MN; ²University Hospital, Salt Lake City, UT; ³Beth Israel Deaconess Medical Center, Boston, MA; ⁴University of Michigan, Ann Arbor, MI; ⁵University of Minnesota, Minneapolis, MN; ⁶UMass Memorial Medical Group, Worcester, MA; ⁷Dartmouth Institute, Hanover, NH

8:24 am – 8:35 am  9
**Frailty Increases the Risk of Major Adverse Cardiac Events in Patients with Stable Claudication**

8:35 am – 8:47 am  10
**Evaluating the Utilization of Prophylactic Inferior Vena Cava Filters After Trauma**
Lloyd Jones, Jr.¹, Navdeep Samra¹, Bo Hu², Quyen Chu¹, Wayne Zhang¹, Tze-Woei Tan¹ - ¹Louisiana State University HSC Shreveport, Shreveport, LA; ²Cleveland 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. Corriere¹, Donna Keith², Timothy E. Craven², Justin Brothwell Huric², Randolph L. Geary², Gabriela Velazquez-Ramirez², Matthew S. Edwards² - ¹University of Michigan, Ann Arbor, MI; ²Wake 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  13
**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  14
**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  15
**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  16
**Surgical Intervention for Peripheral Artery Disease Does Not Improve Patient Compliance with Recommended Medical Therapy**
Tyler R. Halle, Jaime Benarroch-Gampel, Victoria Teodosescu, 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. Taggert, Yaron Sternbach, Sean P. Roddy, Paul B. Kreienberg - Albany Medical College, Albany, NY

5:24 pm – 5:36 pm  21
**Routine Frailty Assessment During Vascular Surgery Clinic Visits: Easier Than You Might Think**
Pre-Operative Aspirin and Statin Use Does Not Affect Outcomes After Carotid Endarterectomy
Brianna Krafck, Alik Farber, Robert T. Eberhardt, Jeffrey A. Kalish, Denis Rybin, Gheorghe Doros, Steven Pike, Jeffrey J. Sirause - Boston University, Boston, MA

Validation and Performance of Ruptured Abdominal Aortic Aneurysm Risk Prediction Model
Christopher Healey¹, Michael Neilson¹, David Clark¹, Brian Nolan² - ¹Maine Medical Center, Portland, ME; ²Dartmouth-Hitchcock Medical Center, Hanover, NH

VESS MEMBER BUSINESS MEETING

Saturday, February 4, 2017

CONTINENTAL BREAKFAST IN THE EXHIBIT HALL
REGISTRATION

SCIENTIFIC SESSION III
Moderators: Shang Loh, MD & Jonathan Eliason, MD

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

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

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

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

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

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)
**Safety and Effectiveness of Retrograde Arterial Access For Endovascular Treatment of Critical Limb Ischemia (CLI)**
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  **AWARD SESSION**
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  **Introduction of the President**
Peter Nelson, MD

9:00 am – 9:45 am  **PRESIDENTIAL ADDRESS**
Thomas Maldonado, MD

3:00 pm  Registration Re-Opens

3:30 pm – 4:00 pm  Coffee/Snacks – Last Chance to Visit Exhibitors

4:00 pm – 6:00 pm  **SCIENTIFIC SESSION IV**
Moderators: Justin Hurie, MD & John Rectenwald, MD

4:00 pm – 4:12 pm  31
**A Ten-Year Experience Using a Hybrid Endovascular Approach to Treat Aberrant Right Subclavian Arterial Aneurysms**
Mathew Wooster, Martin Back, Danielle Sutzko, Paul Armstrong, Murray Shames - University of South Florida, Tampa, FL

4:12 pm – 4:24 pm  32
**Descriptive Analysis of Patients Undergoing Major Lower Extremity Amputation in the Vascular Quality Initiative**
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
**An Accumulated Deficits Model Predicts Perioperative and Long-Term Adverse Events After Carotid Endarterectomy**
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
**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**
Jeffrey JX Hing, Jack K. Chng, Kiang H. Tay, Tze T. Chong - Singapore General Hospital, Singapore

4:48 pm – 5:06 pm  35 (RF)
**Persistent Type II Endoleaks Following Endovascular Aneurysm Repair: Graft Type Matters**
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
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

Changes in Geometry and Cardiac Deformation of the Thoracic Aorta After TEVAR
Kelsey E. Hirotsu1, Ga-Young Suh2, Jason T. Lee2, Michael D. Dake2, Dominik Fleischmann2, Christopher P. Cheng2 - 1Stanford University School of Medicine, Stanford, CA; 2Stanford University, Stanford, CA

Toe Pressures are Superior to Duplex Parameters in Predicting Wound Healing Following Toe and Foot Amputations
Patrick Stone - WVU Charleston, Charleston, WV

Temporal Trends and Determinants of Inpatient Versus Outpatient Dialysis Access Operations: Is There an Effect on Perioperative Outcomes?
Caitlin W. Hicks1, Michael R. Bronsert2, Karl E. Hammermeister2, William G. Henderson2, James H. Black, III1, Natalia O. Glebova2 - 1Johns Hopkins Medical Institutes, Baltimore, MD; 2University of Colorado, Aurora, CO

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

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

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

Sunday, February 5, 2017

Continental Breakfast
Registration

SCIENTIFIC SESSION V
Moderator: Joanelle Lugo, MD and Mark Conrad, MD
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

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

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

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

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

Novel Application of Branched Endograft for Preservation of Pelvic Circulation
Roy Miler¹, Patrick Sowa², Matthew Eagleton¹, Frederico Parodi¹ - ¹Cleveland Clinic, Cleveland,
OH; ²Chicago Medical School, Chicago, IL

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

Left-Sided Varicocele as a Rare Presentation of May-Thurner Syndrome
Jordan R. Stern¹, Virendra I. Patel², Danielle E. Cafasso¹, Nicole B. Gentile¹, Andrew J. Meltzer¹ -
¹New York-Presbyterian Hospital, Weill Cornell Medicine, New York, NY; ²Massachusetts
General Hospital, Boston, MA

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

Positive Impact of an Aortic Center Designation
Adam Tanious¹, Marcello Giarelli², Murray Shames¹ - ¹University of South Florida, Tampa, FL;
²Tampa General Hospital, Tampa, FL

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