



CURRICULUM VITAE

MALACHI G. SHEAHAN, III, MD, FACS

Current Title: Department Head
Professor of Surgery

Business Address: Louisiana State University Health Sciences Center
School of Medicine
Department of Surgery
Division of Vascular Surgery
2021 Perdido Street, 8th floor
New Orleans, LA 70112

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Citizenship: United States of America

Education

Undergraduate/Medical: Seven Year Accelerated BA/MD Program
Bachelor of Arts in Medical Sciences
Boston University, Boston, MA
May 1994

Doctorate in Medicine
Boston University School of Medicine, Boston, MA
May 1994

Internship: St. Vincent's Hospital and Medical Center of New
York, New York, NY
July 1994 – June 1995

Residency: St. Vincent's Hospital and Medical Center of New
York, New York, NY
July 1995 – June 1997
July 1999 - June 2001

**Post-Doctoral
Fellowships:** New England Medical Center/ Tufts University
School of Medicine, Boston, MA

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Clinical and Research Fellowship in Cardiovascular
and Thoracic Surgery
July 1997- June 1999

Clinical Fellowship: Beth Israel Deaconess Medical Center/Harvard
Medical School, Boston, MA
Fellowship in Vascular Surgery
July 2001 – June 2003

Certification:

American Board of Surgery, Surgery
Certificate #047407, Expired: 9/23/2002 – 7/1/2013

American Board of Surgery, Vascular Surgery
Certificate #101423, 5/17/2004 – 12/31/2014, Recertified: 9/25/2014 –
12/31/2024

Licensure:

Commonwealth of Massachusetts –License 210533, 12/12/2001 – 7/8/2004 (Expired)

New York State – License 229436, 07/31/2003 (Expired)

Louisiana State Board of Medical Examiners – License MD.15751R,
July 20, 2004 - Present

Academic and Professional Appointments

Academic Appointments:

Assistant Professor of Surgery, Louisiana State University Health Sciences
Center, Department of Surgery, 9/2004 – 6/2010

Interim Chief - Section of Vascular Surgery, Louisiana State University Health
Sciences Center, 11/2005 - 8/2007

Program Director – Fellowship in Vascular Surgery, Louisiana State University
Health Sciences Center, Department of Surgery, 4/2006 – Present

LSU General Surgery Residency Site Director, West Jefferson Medical Center, 7/2006 -
6/2010

Director - 3rd Year Clerkship in General Surgery at West Jefferson Medical Center,
Louisiana State University Health Sciences Center, School of Medicine in New Orleans,
7/2006 - 6/2010

Director - 3rd Year Clerkship in Vascular Surgery at West Jefferson Medical Center,
Louisiana State University School of Medicine in New Orleans, 7/2006 - Present

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Director - 4th Year Sub-Internship in Vascular Surgery at West Jefferson Medical Center, Louisiana State University School of Medicine in New Orleans, 7/2006 - Present

Associate Professor of Surgery, Louisiana State University Health Sciences Center, 7/2010 – 6/2014

Program Director – Integrated Residency in Vascular Surgery, Louisiana State University Health Sciences Center, 9/2011 – Present

Clinical Associate Professor of Radiology, Louisiana State University Health Sciences Center, Department of Radiology, 11/2011 - Present

The Claude C. Craighead Jr., Professor and Chair of Vascular Surgery, Louisiana State University Health Sciences Center, 6/2014 – Present

Chief – Division of Vascular and Endovascular Surgery, Louisiana State University Health Sciences Center, 6/2014 - Present

Director - 3rd Year Clerkship in Vascular Surgery at University Medical Center, Louisiana State University School of Medicine in New Orleans, 8/2016 - Present

Director - 4th Year Sub-Internship in Vascular Surgery at University Medical Center, Louisiana State University School of Medicine in New Orleans, 8/2016 – Present

Acting Chair – Department of Surgery, Louisiana State University Health Sciences Center, July 8, 2024 – August 31, 2024

Interim Department Chair – Department of Surgery, Louisiana State University Health Sciences Center, September 1, 2024 – April 30, 2025

Department Chair – Department of Surgery, Louisiana State University Health Sciences Center, May 1, 2025 – present

Professional Appointments:

Staff Physician September 2003 – July 2004

Saint Vincent's Hospital and Medical Center of New York, New York, NY
Metropolitan Hospital, New York, NY
Saint Vincent's Midtown Hospital, New York, NY
Cabrini Medical Center, New York, NY

Staff Physician September 2004 – September 2005

Veteran's Affairs Medical Center, New Orleans, LA
Lindy Boggs Medical Center, New Orleans, LA
Kenner Regional Medical Center, Kenner, LA
Memorial Medical Center, New Orleans, LA

Staff Physician, September 2004 – Present

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Touro Infirmary, New Orleans, LA
LSU Interim Hospital/ University Medical Center, New Orleans, LA
West Jefferson Medical Center, Marrero, LA
Children's Hospital, New Orleans, LA

Staff Physician, September 2017 – Present

Tulane Medical Center/ East Jefferson General Hospital, New Orleans, LA
Lakeside Hospital, Metairie, LA

Membership in Professional Organizations:

New York Medical College Surgical Society, Member, 2001 - 2009
Gulf Coast Vascular Society, Member, 2005 – Present
James D Rives Surgical Society, Member, 2005 - Present
Harvard Club of Louisiana, Member, 2006 - Present
Association of Program Directors in Vascular Surgery, Member, 2006 - Present
Society for Vascular Surgery, Member, 2008 - Present
Society for Clinical Vascular Surgery, Member 2011 - Present
Peripheral Vascular Surgery Society, Member, 2012 – Present
International Society for Vascular Surgery, Member, 2013 - Present
American College of Surgeons, Fellow, 2013 - Present
Southern Association for Vascular Surgery, Member, 2015 - Present

Awards and Honors:

- 1998 Second Place Paper, Fifth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA
- 1999 First Place Paper, Sixth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA
- 1999 Invited Clinical Instructor, International Workshop in Advanced Laparoscopic Surgery, Aristotle University Department of Surgery, Thessaloniki, Greece
- 2001 Joseph McGinn Award - Best Chief Resident, Department of Surgery, Saint Vincent's Hospital and Medical Center of New York
- 2002 Richard M. Green Award – Best Clinical Paper, Eighteenth Annual Vascular Fellows Abstract Competition, New York, NY

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- 2002 Best Clinical Paper, Ninth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA
- 2002 Darling Award – Best Clinical Paper, 29th Annual Meeting of the New England Society for Vascular Surgery, Rockport, ME
- 2003 Best Paper, 13th Annual Winter Meeting of the Peripheral Vascular Surgery Society, Snowmass, CO
- 2003 Best Clinical Paper, Tenth Annual New England Surgical Society Residents and Fellows Research Symposium, Boston, MA
- 2006 Commendation for “Heroic Performance in the Treatment of Patients during the Aftermath of Hurricane Katrina”, Department of Surgery, Louisiana State University Health Sciences Center
- 2007 Invited Plenary Lecture, LA-ACS/SAL Joint Annual Meeting. New Orleans, LA
- 2007 Inducted as a Master Teacher in the inaugural membership of the Academy for the Advancement of Educational Scholarship, Louisiana State University Health Sciences Center
- 2008 Selected by *Best Doctors in America* 2007-2008 in the field of surgery
- 2008 Honored for “Outstanding Contribution and Commitment to the Health Care Community”. Annual Reception of the Greater New York Hospital Association. New York, NY
- 2009 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2009 Selected by *Best Doctors in America* 2008-2009 in the field of surgery
- 2010 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2011 *Outstanding Faculty Member of the Year*, selected by the LSU General Surgery residents
- 2012 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2013 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2014 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2014 Selected as Castle Connolly Top Doctor in Vascular Surgery
- 2014 Copping Teaching Award Finalist
- 2016 Louisiana Life’s Best Doctors in Vascular Surgery
- 2016 New Orleans Magazine Best Doctors in Vascular Surgery

- 2017 Louisiana Life's Best Doctors in Vascular Surgery
- 2017 New Orleans Magazine Best Doctors in Vascular Surgery
- 2018 New Orleans Magazine Best Doctors in Vascular Surgery
- 2019 New Orleans Magazine Best Doctors in Vascular Surgery
- 2019 Society for Vascular Surgery Presidential Citation
- 2020 Journal of Vascular Surgery Distinguished Reviewer
- 2020 New Orleans Magazine Best Doctors in Vascular Surgery
- 2021 New Orleans Magazine Best Doctors in Vascular Surgery
- 2021 Selected for membership into the Louisiana Beta Chapter of the Alpha Omega Alpha Honor Medical Society
- 2022 New Orleans Magazine Best Doctors in Vascular Surgery
- 2023 New Orleans Magazine Best Doctors in Vascular Surgery
- 2023 Best Clinical Teacher of the Academic Year - West Jefferson Medical Center
- 2023 Society for Vascular Surgery Presidential Citation
- 2024 New Orleans Magazine Best Doctors in Vascular Surgery

TEACHING EXPERIENCE AND RESPONSIBILITIES

Course/Clerkship/Residency or Fellowship/CME Directorships:

Program Director – Fellowship in Vascular Surgery, Louisiana State University Health Sciences Center, 4/2006 - Present

Director - 3rd Year Clerkship in General Surgery at West Jefferson Medical Center, Louisiana State University School of Medicine in New Orleans, 7/2006 - 6/2010

Director - 3rd Year Clerkship in Vascular Surgery at West Jefferson Medical Center, Louisiana State University School of Medicine in New Orleans, 7/2006 - Present

Director - 4th Year Sub-Internship in Vascular Surgery at West Jefferson Medical Center, Louisiana State University School of Medicine in New Orleans, 7/2006 - Present

Program Director – Integrated Residency in Vascular Surgery, Louisiana State University Health Sciences Center, 9/2011 – Present

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Director - 3rd Year Clerkship in Vascular Surgery at University Medical Center, Louisiana State University School of Medicine in New Orleans, 8/2016 - Present

Director - 4th Year Sub-Internship in Vascular Surgery at University Medical Center, Louisiana State University School of Medicine in New Orleans, 8/2016 - Present

Founder and Program Committee Chairman – Fundamentals of Vascular Surgery Annual Symposium at LSU, 02/2013

Curriculum Development/Implementation:

Development of Simulation Curriculum

As Director of Vascular Simulation at the Center for Advanced Practice, I have designed simulation curriculum for the 3rd year clerkship in vascular surgery, the vascular surgery fellowship, the neurosurgery residency, the radiology residency, and the general surgery residency. As the ACGME now mandates simulation training for most programs, these syllabi will help our program directors meet or exceed their requirements.

Development of a Competency Based Curriculum for the Residency in Vascular Surgery

In the spring of 2005, the LSU Residency in Vascular Surgery was issued a warning letter from the Surgery Residency Review Committee of the ACGME. This included 13 major citations, a dramatically shortened review cycle, and the threat of program probation or termination should dramatic changes not be made. In August 2005, Hurricane Katrina delivered another blow, causing the closing or destruction of every hospital in the program. Over the next year, I worked with our faculty and fellows to reshape the residency. We moved the program to four new institutions, rewrote the entire curriculum to reflect a competency based education, changed all of our evaluation tools, developed a simulation training program and redesigned our entire educational and organizational meeting schedule. The result was a successful RRC review with a doubled review cycle, withdrawal of all previous citations and several commendations for curriculum design.

Creation of Enduring Teaching Materials:

LSU Vascular Surgery Handbook

In the diaspora following Hurricane Katrina, I created the LSU Vascular Surgery Handbook as a tool for keeping in contact with our medical students. The manual is an online series of vascular surgery topics written by our LSU students under my editorial supervision. Students are encouraged to add new topics or revise existing chapters. The online “wiki” style format allows for teaching and communication with students with whom I otherwise would not interact. The handbook has now expanded to twenty chapters with over 100 contributors. We currently have plans to evolve the format into a national online textbook for vascular surgery fellows.

LSU Residency Core Curriculum

In 2006, I was asked to serve as an inaugural member of the LSU Graduate Medical Education Advisory Committee. One of our primary tasks was to assist residency and fellowship directors with the accreditation process. In reviewing recent RRC citations, we

found that coverage of common program required topics was a near universal problem. We designed the LSU Residency Core Curriculum as an online educational program with coverage of most of the common topics required by the ACGME. Now, instead of having to accrue a series of lecturers on such diverse topics as sleep deprivation, financial planning and professionalism, Program Directors need only provide the website address to their trainees and check for confirmation that the course was completed.

British Medical Journal – Best Practices Guidelines

In September 2008, I was invited to review and develop practice guidelines for vascular surgeons. To date, we have completed recommendations for eight common clinical scenarios with at least five more planned over the next year.

Association of Program Directors in Vascular Surgery – Simulation Modules

As part of an ongoing project to create a comprehensive permanent online simulation syllabus for vascular training programs I have authored the “Carotid Endarterectomy” module and edited several others.

Formal Course Responsibilities:

Senior Surgical Anatomy elective, Lecturer, 2005 - present

Vascular Disease Lecture – Given for every general surgery medical student rotation block in New Orleans, 2005 - present

Cohn’s Conference – Given once each medical student rotation block,
2008 - present

Departmental/Interdisciplinary Teaching Conferences:

Advisor and Coordinator	Interesting Case Conference – Weekly
	Morbidity and Mortality – Twice Monthly
	Topic lectures – Twice Monthly
	New Orleans Journal Club – Monthly
	Baton Rouge Journal Club - Every other month

Special Clinical Rounds:

Coordinator for Surgical Education Conferences in New Orleans – One month per year responsibilities include development and oversight of all general surgery conferences in New Orleans.

Teaching Awards:

2007 Inducted as a Master Teacher in the inaugural membership of the Academy for the Advancement of Educational Scholarship, Louisiana State University Health Sciences Center.

2008 Honored for “Outstanding Contribution and Commitment to the Health Care

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Community” by the Greater New York Hospital Association. Award was issued in recognition of my efforts to restore surgical education in New Orleans after Hurricane Katrina.

- 2009 Nominated by the Aesculapian Society for the Excellence in Teaching Award.
- 2010 Nominated by the Aesculapian Society for the Excellence in Teaching Award.
- 2011 *Outstanding Faculty Member of the Year*, selected by the LSU General Surgery residents.
- 2012 Nominated by the Aesculapian Society for the Excellence in Teaching Award.
- 2013 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2014 Nominated by the Aesculapian Society for the Excellence in Teaching Award
- 2014 Copping Teaching Award Finalist
- 2023 Best Clinical Teacher of the Academic Year - West Jefferson Medical Center

Graduate Students Trained:

Current Advisor – 5 general surgery residents, 2 vascular surgery fellows, 10 vascular surgery residents, 1 post-doctoral research fellow

RESEARCH AND SCHOLARSHIP

Grants and Contracts

Funded:

NIH Clinical Trial:

Awarded: \$373,399

Q-CAMP: Quantitative Cardiovascular Magnetic Resonance Imaging and Profiling of Atherosclerotic Lesions Seeing Beyond the Image in Vascular Disease

Program Reference Number: 0305

Principal Investigator: Malachi G. Sheahan III, MD

LSUHSC-NO Institutional Review Board

Federal Wide Assurance 00002762 Registration # 00000177

Educational Research Grants

Date	Sponsor	Awarded (\$)	Role
12/17/2012	W. L. Gore & Associates	6,000.00	PI
2/21/2013	The Southern Association	1,000.00	PI

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8/2/2013	Medtronic	10,000.00	PI
12/11/2013	W. L. Gore & Associates	110,066.00	PI
9/19/2014	Medtronic	10,000.00	PI
12/15/2014	W. L. Gore & Associates	25,000.00	PI
2/23/2015	W. L. Gore & Associates	110,066.00	PI
6/15/2015	Medtronic Inc.	10,000.00	PI
7/31/2015	New Cardiovascular Horizons	21,478.00	PI
11/13/2015	W. L. Gore & Associates	110,066.00	PI
11/13/2015	W. L. Gore & Associates	25,000.00	PI
9/28/2016	W. L. Gore & Associates	25,000.00	PI
10/20/2016	W. L. Gore & Associates	112,000.00	PI
5/31/2017	Medtronic Inc.	2,000.00	PI
9/15/2017	W. L. Gore & Associates	30,000.00	PI
12/7/2017	Medtronic Inc.	1,500.00	PI
2/19/2018	W. L. Gore & Associates	112,000.00	PI
2/1/2019	W. L. Gore & Associates	104,000.00	PI
11/22/2019	Inari Medical Inc.	2,500.00	PI
11/22/2019	W. L. Gore & Associates	25,000.00	PI
2/18/2020	W. L. Gore & Associates	101,000.00	PI
7/27/2020	Society For Vascular Surgery	1,500.00	Co-PI
2/17/2023	W. L. Gore & Associates	104,000.00	PI
12/15/2023	W. L. Gore & Associates	75,000.00	PI
12/15/2023	Silk Road Medical Inc.	7,500.00	PI
3/25/2024	Penumbra Inc.	30,000.00	PI
9/10/2024	W. L. Gore & Associates	75,000.00	PI

Approved Funded Trials

VBX 22-06 Forward Study, Site PI (Expected enrollment November 2024)

National Society Trials and Grants

SECOND Trial for Vascular Surgery – National Co-PI, 2021 – Present

APDVS Regional Scholarship Grant – Secretary/Treasurer, 2020 – 2024

SAVS Student and Resident Scholarship Grant – Chair, 2017 – Present

Fundamentals of Vascular Surgery – National Co-PI, 2022 - Present

Journal Publications:

1. Takeuchi M, Ogunyankin K, Pandian NG, McCreery TP, Sweitzer RH, Caldwell VE, Unger EC, Avelar E, **Sheahan M**, Connolly R. Enhanced visualization of intravascular and left atrial appendage thrombus with the use of a thrombus-targeting ultrasonographic contrast agent (MRX-408A1): In vivo experimental echocardiographic studies. *J Am Soc Echocardiogr* 12(12):1015-21, 1999.
2. Yao J, Teupe C, Takeuchi M, Avelar E, **Sheahan M**, Connolly R, Ostensen J, Pandian NG. Quantitative 3-dimensional contrast echocardiographic determination of myocardial mass at risk and residual infarct mass after reperfusion: Experimental canine studies with intravenous contrast agent NC100100. *J Am Soc Echocardiogr* 13(6):570-81, 2000.
3. Warner KG, **Sheahan MG**, Arebi SM, Banerjee A, Deiss-Shrem JM, Khabbaz KR. Proper timing of blood cardioplegia in infant lambs: superiority of a multiple-dose regimen. *Ann Thorac Surg* 71(3):872-6, 2001.
4. Nathanson DR, **Sheahan M**, Chao L, Wallack MK. Intracolonic use of vancomycin for treatment of clostridium difficile colitis in a patient with a diverted colon: report of a case. *Dis Colon Rectum* 44(12):1871-2, 2001.
5. Hamdan AD, Saltzberg SS, **Sheahan M**, Froelich J, Akbari CM, Campbell DR, LoGerfo FW, Pomposelli FB Jr. Lack of association of diabetes with increased postoperative mortality and cardiac morbidity: results of 6565 major vascular operations. *Arch Surg* 137(4):417-21, 2002.
6. Ramdev P, Rayan SS, **Sheahan M**, Hamdan AD, Logerfo FW, Akbari CM, Campbell DR, Pomposelli FB Jr. A decade experience with infrainguinal revascularization in a dialysis-dependent patient population. *J Vasc Surg* 36(5):969-74, 2002.
7. Pomposelli FB, Kansal N, Hamdan AD, Belfield A, **Sheahan M**, Campbell DR, Skillman JJ, Logerfo FW. A decade of experience with dorsalis pedis artery bypass: analysis of outcome in more than 1000 cases. *J Vasc Surg* 37(2):307-15, 2003.

8. Saltzberg S, Pomposelli F Jr, Belfield A, **Sheahan M**, Campbell D, Logerfo F, Hamdan A. Outcome of lower-extremity revascularization in patients younger than 40 years in a predominantly diabetic population. *J Vasc Surg* 38(5):1056-9, 2003.
9. McArthur C, **Sheahan M**, Pomposelli F Jr, Dayko A, Belfield A, Campbell D, Skillman J, LoGerfo F, Hamdan A. Infrainguinal revascularization after renal transplantation. *J Vasc Surg* 37(6):1181-5, 2003.
10. Aulivola B, Hamdan A, Hile C, **Sheahan M**, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Popliteal artery aneurysms: a comparison of outcomes in elective versus emergent repair. *J Vasc Surg* 39(6):1171-7, 2004.
11. Aulivola B, Hile C, Hamdan A, **Sheahan M**, Veraldi J, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Major lower extremity amputation: outcome of a modern series. *Arch Surg* 139(4):395-9, 2004.
12. **Sheahan M**, Hamdan A, Veraldi J, McArthur C, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Lower extremity minor amputations: Lower extremity minor amputations: the roles of diabetes mellitus and timing of revascularization. *J Vasc Surg* 42(3):476-80, 2005.
13. Maithel SK, Pomposelli FB, Williams M, **Sheahan MG**, Scovell SD, Campbell DR, LoGerfo FW, Hamdan AD. Creatinine clearance but not serum creatinine alone predicts long-term postoperative survival after lower extremity revascularization. *Am J Nephrol*.26(6):612-20, 2006.
14. Bazan H, **Sheahan M**, Dardik A. Carotid endarterectomy with simultaneous retrograde common carotid artery stenting: Technical considerations, Catheterization and Cardiovascular Interventions, 72(7):1003-7, 2008.
15. **Sheahan M**, Duran C, Bismuth J. National simulation-based training of fellows: the vascular surgery example. *Surg Clin North Am*. 95(4):781-90, 2015.
16. Duran C, Estrada S, O'Malley M, **Sheahan M**, Shames ML, Lee JT, Bismuth J. The model for Fundamentals of Endovascular Surgery (FEVS) successfully defines the competent endovascular surgeon. *J Vasc Surg*. 62(6):1660-6, 2015.
17. **Sheahan M**. In defense of the Integrated Vascular Residency. *Vasc Specialist*. 12(2):9-10, 2016.
18. **Sheahan M**. *Commentary* on Behçet's recommendations expand biologic treatment for managing vascular involvement. *Vasc Specialist*. 12(8):7, 2016.
19. **Sheahan M**. A call to arms (and legs, and necks...). *Vasc Specialist*. 12(9):3-4, 2016.
20. **Sheahan M**. *Commentary* on Should board exams include a technical skill assessment? A European perspective. *Vasc Specialist*. 12(9):7, 2016.

21. Samson R, **Sheahan M**. *Commentary* on Vascular surgeons assisting non-vascular colleagues need depth/breadth of experience. *Vasc Specialist*. 12(9):4, 2016.
22. **Sheahan M**, Discussion, *J Am Coll Surg*. 222(4):417, 2016.
23. **Sheahan M**. Our perfect match? *Vasc Specialist*. 13(1):2, 2017.
24. **Sheahan M**, Coleman D, Goldberg M. Special Report: SVS takes aim at addressing physician burnout, wellness. *Vasc Specialist*. 13(3):1, 2017.
25. Coleman D, **Sheahan M**, Goldberg M. Special Report: Tackling burnout. *Vasc Specialist*. 13(4):1-3, 2017.
26. Coleman D, Kalish J, Goldberg M, **Sheahan M**. Special Report: Mitigating burnout. *Vasc Specialist*. 13(5):1,6, 2017.
27. **Sheahan M**. *Commentary* on Types 1,2 diabetes increasing among youth. *Vasc Specialist*. 13(5):3, 2017.
28. **Sheahan M**. Gods and monsters, *Vasc Specialist*. 13(9):3, 2017.
29. **Sheahan M**. It is time for us to talk about guns. *Vasc Specialist*. 13(11):2, 2017.
30. **Sheahan M**, Ma X, Palik D, Obuchowski NA, St Pierre S, Newman WP, Rae G, Perlman ES, Rosol M, Keith JC Jr, Buckler AJ. Atherosclerotic Plaque Tissue: Noninvasive Quantitative Assessment of Characteristics with Software-aided Measurements from Conventional CT Angiography. *Radiology*. 286(2):622-631, 2018.
31. **Sheahan M**. I am not your burnout expert. *Vasc Specialist*. 14(3):4, 2018.
32. **Sheahan M**. An open letter to our hospital consultants. *Vasc Specialist*. 14(9):2-3, 2018.
33. **Sheahan M**. The EHR and our troubled health care system, Part 1. *Vasc Specialist*. 14(11):6, 2018.
34. **Sheahan M**. The shadow curriculum of US medical schools. *Vasc Specialist*. 15(3):2-3, 2019.
35. **Sheahan M**. Invited Commentary. *J Vasc Surg*, 69(5):1609, 2019.
36. Kerut C, Sheahan C, **Sheahan M**. Carotid Artery Fibromuscular Dysplasia: Ultrasound and CT Imaging. *Echocardiography*, April, 2019.
37. **Sheahan M**. Invited Commentary, *J Vasc Surg*, 69(5):1489, 2019.
38. Irfan W, Sheahan C, Mitchell EL, **Sheahan MG 3rd**. The pathway to a national vascular skills examination and the role of simulation-based training in an increasingly complex specialty. *Semin Vasc Surg*. 2019 Mar-Jun;32(1-2):48-67.

39. **Sheahan M**, Invited Commentary, *J Vasc Surg*, 69(5):1609, 2019.
40. Kerut EK, To F, Summers KL, Sheahan C, **Sheahan M**. Statistical and machine learning methodology for abdominal aortic aneurysm prediction from ultrasound screenings. *Echocardiography*. 36(11):1989-1996, 2019.
41. Zimmerman D, Min D, Summers K, Sheahan C, **Sheahan M**. Health Literacy and Abdominal Aortic Aneurysms. *J Vasc Surg*, 71(2):490-496, 2020.
42. Patel S, Sheahan CM, Fontenot DD, **Sheahan MG**. Aortic Transection after Blunt Abdominal Trauma in a Child. *Ann Vasc Surg*. 66:671.e11-671.e14, 2020.
43. Belvroy VM, Murali B, **Sheahan MG**, O'Malley MK, Bismuth J. In the Fundamentals of Endovascular and Vascular Surgery model motion metrics reliably differentiate competency. *J Vasc Surg*. 72(6):2161-2165, 2020.
44. Kerut CK, Sheahan C, **Sheahan M**. Six-year history of intermittent symptomatic bilateral vertebral artery stenosis: Imaging and therapeutic intervention. *Echocardiography*. 37(5):784-787, 2020.
45. Chun TT, Judelson DR, Rigberg D, Lawrence PF, Cuff R, Shalhub S, Wohlaue M, Abularrage CJ, Anastasios P, Arya S, Aulivola B, Baldwin M, Baril D, Bechara CF, Beckerman WE, Behrendt CA, Benedetto F, Bennett LF, Charlton-Ouw KM, Chawla A, Chia MC, Cho S, Choong AMTL, Chou EL, Christiana A, Coscas R, De Caridi G, Ellozy S, Etkin Y, Faries P, Fung AT, Gonzalez A, Griffin CL, Guidry L, Gunawansa N, Gwertzman G, Han DK, Hicks CW, Hinojosa CA, Hsiang Y, Ilonzo N, Jayakumar L, Joh JH, Johnson AP, Kabbani LS, Keller MR, Khashram M, Koleilat I, Krueger B, Kumar A, Lee CJ, Lee A, Levy MM, Lewis CT, Lind B, Lopez-Pena G, Mohebbali J, Molnar RG, Morrissey NJ, Motaganahalli RL, Mouawad NJ, Newton DH, Ng JJ, O'Banion LA, Phair J, Rancic Z, Rao A, Ray HM, Rivera AG, Rodriguez L, Sales CM, Salzman G, Sarfati M, Savlania A, Schanzer A, Sharafuddin MJ, **Sheahan M**, Siada S, Siracuse JJ, Smith BK, Smith M, Soh I, Sorber R, Sundaram V, Sundick S, Tomita TM, Trinidad B, Tsai S, Vouyouka AG, Westin GG, Williams MS Jr, Wren SM, Yang JK, Yi J, Zhou W, Zia S, Woo K. Managing central venous access during a health care crisis. *J Vasc Surg*. 72(4):1184-1195, 2020.
46. Coleman DM, Money SR, Meltzer AJ, Wohlaue M, Drudi LM, Freischlag JA, Hallbeck MS, Halloran B, Huber TS, Shanafelt T, **Sheahan M**; SVS Wellness Task Force. Vascular Surgeon Wellness and Burnout: A Report from the SVS Wellness Task Force. *J Vasc Surg*. 25:S0741-5214(20)32466-6, 2020.
47. Summers KL, Kerut EK, Sheahan CM, **Sheahan MG 3rd**. Evaluating the prevalence of abdominal aortic aneurysms in the United States through a national screening database. *J Vasc Surg*. 73(1):61-68, 2021.
48. Shalhub S, Mouawad NJ, Malgor RD, Johnson AP, Wohlaue MV, Coogan SM, Loveland KA, Cuff RF, Leonardi C, Coleman DM, **Sheahan MG 3rd**, Woo K. Global vascular surgeons' experience, stressors, and coping during the coronavirus disease 2019 pandemic. *J Vasc Surg*. 73(3):762-771, 2021.

49. Mouawad NJ, Woo K, Malgor RD, Wohlauser MV, Johnson AP, Cuff RF, Coleman DM, Coogan SM, **Sheahan MG 3rd**, Shalhub S. The impact of the COVID-19 pandemic on vascular surgery practice in the United States. *J Vasc Surg.* 73(3):772-779, 2021.
50. Wohlauser M, Coleman DM, **Sheahan MG**, Meltzer AJ, Halloran B, Hallbeck S, Money SR. Physical pain and musculoskeletal discomfort in vascular surgeons. *J Vasc Surg.* 73(4):1414-1421, 2021.
51. Malgor RD, Sobreira ML, Mouawad NJ, Johnson AP, Wohlauser MV, Coogan SM, Cuff RF, Coleman DM, **Sheahan MG 3rd**, Woo K, Shalhub S. Brazilian vascular surgeons experience during the coronavirus (COVID-19) pandemic. *Vascular.* 2020 Oct 6:1708538120954961. Online ahead of print.
52. Rushing A, Palit T, **MG Sheahan**. Aortoiliac endarterectomy as a viable alternative for revascularization in a woman with isolated aortoiliac disease and an anomalous right pelvic kidney. *Journal of Vascular Surgery Cases and Innovative Techniques*, 7(2):277-279, 2021.
53. Smeds MR, **Sheahan MG**, Shames ML, Abularrage CJ. A modern appraisal of current vascular surgery education. *J Vasc Surg.* 73(4):1430-1435, 2021.
54. Johnson AP, Wohlauser MV, Mouawad NJ, Malgor RD, Coogan SM, **Sheahan MG 3rd**, Singh N, Cuff RF, Woo K, Coleman DM, Shalhub S. The Impact of the COVID-19 Pandemic on Vascular Surgery Trainees in the United States. *Ann Vasc Surg.* 72:182-190, 2021.
55. Smith BK, **Sheahan MG 3rd**, Sgroi M, Weis T, Singh N, Rigberg D, Coleman DM, Lee JT, Shames ML, Mitchell EL. Addressing Contemporary Management of Vascular Trauma: Optimization of Patient Care Through Collaboration. *Ann Surg.* 273(5):e171-e172, 2021.
56. Soh I, Coleman D, **Sheahan M**, Huber T, Morrissey N, Money S, Hallbeck S, Meltzer A. Malpractice Allegations Against Vascular Surgeons, Prevalence, Risk Factors, and Impact on Surgeon Wellness. *J Vasc Surg.* 5(2):680-686, 2022.
57. Patel S, Chawla A, Unruh M, Guidry L, Brooke A, Lalani A, Kim J, Risher W, Zea N, Torrance B, Palit T, Gwin T, Danos DM, McArthur Sheahan C, **Sheahan MG**. A proposed model for a comprehensive virtual subinternship in vascular surgery. *J Vasc Surg.* 74(6):2064-2071, 2021.
58. Arbabi CN, DuBose J, Starnes BW, Saqib N, Quiroga E, Miller C, Azizzadeh A; Aortic Trauma Foundation Study Group. Outcomes of thoracic endovascular aortic repair in patients with concomitant blunt thoracic aortic injury and traumatic brain injury from the Aortic Trauma Foundation global registry. *J Vasc Surg.* 2022 Mar;75(3):930-938.
59. Arbabi CN, DuBose J, Charlton-Ouw K, Starnes BW, Saqib N, Quiroga E, Miller C, Azizzadeh A; Aortic Trauma Foundation Study Group. Outcomes and practice

- patterns of medical management of blunt thoracic aortic injury from the Aortic Trauma Foundation global registry. *J Vasc Surg.* 2022 Feb;75(2):625-631.
60. Chia MC, Hu YY, Li RD, Cheung EO, Eng JS, Zhan T, **Sheahan MG 3rd**, Bilimoria KY, Coleman DM. Prevalence and risk factors for burnout in U.S. vascular surgery trainees. *J Vasc Surg.* 75(1):308-315, 2022.
61. Harding J, Cardella J, Coleman D, Kim GY, **Sheahan M**, Wooster M, Ottinger M, Dawn Humphries M. How We Do It: A Multicenter National Experience of Virtual Vascular Surgery Rotations. *J Surg Educ.*79(1):25-30, 2022.
62. Rhudy AK, Patel S, Houser A, Irfan W, **Sheahan M**. Point-of-care ultrasound for identification of ruptured infrarenal abdominal aortic aneurysm. *Echocardiography.* 2022 Jun;39(6):841-843.
63. Drudi LM, Mitchell EL, Chandra V, Coleman DM, Hallbeck MS, Mannoia K, Money SR, Brown KR; SVS Wellness Task Force. A gender-based analysis of predictors and sequelae of burnout among practicing American vascular surgeons. *J Vasc Surg.* 2022 Apr;75(4):1422-1430.
64. Patel S, Lalani A, Bray J, Chawla A, Danos D, Sheahan CM, **Sheahan MG**. A Novel Clinically Based Classification System for the Profunda Femoris Artery and the Circumflex Femoral Arteries. *Ann Vasc Surg.* 2022 Sep;85:204-210.
65. **Sheahan MG**, Sheahan C. We have built it, and they are coming. *J Vasc Surg.* 2022 Sep;76(3):844.
66. Rowe VL, **Sheahan M 3rd**, Jones AT, Moreno BI, Perler BA, Brown KR, Barry C, Upchurch GR Jr, Aulivola B, Huber TS. The vascular surgery in-training examination predicts performance on qualifying examination. *J Vasc Surg.* 2022 Dec;76(6):1721-1727.
67. Patel S, Lalani A, Bray J, Chawla A, Danos D, Sheahan CM, **Sheahan MG**. A Novel Clinically Based Classification System for the Profunda Femoris Artery and the Circumflex Femoral Arteries. *Ann Vasc Surg.* 2022 Sep;85:204-210.
68. Treil L, Neumann N, Chanes N, Lejay A, Bourcier T, Bismuth J, Lee JT, **Sheahan M**, Rouby AF, Chakfé N; Collaborators. Objective Evaluation of Clock Face Suture Using the Objective Structured Assessment of Technical Skill (OSATS) Checklist. *EJVES Vasc Forum.* 2022 Oct 18;57:5-11.
69. Pillado EB, Li RD, Eng JS, Chia MC, Conway A, Gomez-Sanchez C, Shaw P, **Sheahan MG 3rd**, Bilimoria KY, Hu YY, Coleman DM. Persistent racial discrimination among vascular surgery trainees threatens wellness. *J Vasc Surg.* 2023 Jan;77(1):262-268.
70. **Sheahan M**. Ghosts in the machine. *J Vasc Surg.* 2023 Jun;77(6):1803.
71. **Sheahan M**, Tullos A, Kenney K, Torrance B, Hollier H, Sheahan C. Outcomes of a limb-sparing approach to pediatric bone tumors with blood vessel involvement. *J Vasc Surg.* 2023 Mar 15:S0741-5214(23)00467-6.

72. Pillado EB, Li RD, Eng JS, Chia MC, Conway A, DiLosa K, Gomez-Sanchez C, Shaw P, **Sheahan MG 3rd**, Bilimoria KY, Hu YY, Coleman DM. Defining sources and ramifications of mistreatment among female vascular surgery trainees. *J Vasc Surg.* 2023 Apr 21:S0741-5214(23)01065-0.
73. Gowda G, Mendoza D, Tullos A, Zagary J, **Sheahan M**. Temporal artery pseudoaneurysm in a pediatric patient. *J Vasc Surg.* 2023 Online 101305
74. Shayan AM, Singh S, Gao J, Groff RE, Bible J, Eidt JF, **Sheahan M**, Gandhi SS, Blas JV, Singapogu R. Measuring hand movement for suturing skill assessment: A simulation-based study. *Surgery.* 2023 Aug 17:S0039-6060(23)00431-2.
75. Li RD, Pillado E, DiLosa K, Chia MC, Visenio M, Zhan T, Eng JS, Amortegui D, Johnson JK, **Sheahan MG 3rd**, Bilimoria KY, Hu YY, Coleman DM; Vascular SECOND Trial Steering Committee. Perception of Shared Learning Environment Differs Between Vascular Surgery and General Surgery Residents. *J Vasc Surg.* 2023 Dec 7:S0741-5214(23)02327-3. doi: 10.1016/j.jvs.2023.12.003. Epub ahead of print. PMID: 38070784.
76. Summers KL, Kerut EK, To F, Sheahan CM, **Sheahan MG 3rd**. Machine Learning-Based Prediction of Abdominal Aortic Aneurysms for Individualized Patient Care. *J Vasc Surg.* 2024 Jan 5:S0741-5214(24)00002-8. doi: 10.1016/j.jvs.2023.12.046. Epub ahead of print. PMID: 38185212.
77. Pillado E, Li RD, Chia MC, Eng JS, DiLosa K, Grafmuller L, Conway A, Escobar GA, Shaw P, **Sheahan MG 3rd**, Bilimoria KY, Hu YY, Coleman DM. Reported pain at work is a risk factor for vascular surgery trainee burnout. *J Vasc Surg.* 2024 Jan 11:S0741-5214(24)00018-1. doi: 10.1016/j.jvs.2024.01.003. Epub ahead of print. PMID: 38215953.
78. Tinelli G, D'Oria M, Sica S, Mani K, Rancic Z, Resh TA, Beccia F, Azizzadeh A, Da Volta Ferreira MM, Gargiulo M, Lepidi S, Tshomba Y, Oderich GS, Haulon S; SLIM F-U EVAR, Collaborative Study Group. The sac evolution imaging follow-up after endovascular aortic repair: An international expert opinion-based Delphi consensus study. *J Vasc Surg.* 2024 Mar 8:S0741-5214(24)00424-5. doi: 10.1016/j.jvs.2024.03.007. Epub ahead of print. PMID: 38462062.
79. Tullos A, Wunnava S, Medina D, Sheahan C, Chawla A, Torrance B, Brooke A, Donovan M, Palit T, **Sheahan M**. Vascular complications secondary to resuscitative endovascular balloon occlusion of the aorta placement at a Level 1 Trauma Center. *J Vasc Surg.* 2024 Mar 15:S0741-5214(24)00499-3. doi: 10.1016/j.jvs.2024.03.020. Epub ahead of print. PMID: 38493898.
80. Rigberg D, Smith BK, Sun T, Pearce B, Humphries M, **Sheahan M**, Coleman D, Lee J. Vascular In-person for Students In the match Trial: An investigation of post-interview site visits to address the limitations of virtual interviews. *J Vasc Surg.* 2024 Mar 29:S0741-5214(24)00926-1. doi: 10.1016/j.jvs.2024.03.439. Epub ahead of print. PMID: 38556041.
81. **Sheahan M**. A stone of hope. *J Vasc Surg.* 2024 Sep;80(3):909-910.
82. Li D, Barry C, Moreno B, Brown K, Chaer R, Huber T, Jones A, Lee J, Perler B, **Sheahan M**, Aulivola B. Examiner-Examinee Gender Concordance Does Not Impact

- Ratings on the American Board of Surgery Vascular Surgery Certifying Examination. J Vasc Surg.2024 Aug 12:S0741-5214(24)01707-5. doi: 10.1016/j.jvs.2024.05.063. Epub ahead of print. PMID: 39142451.
83. Weaver M, Park Y, Jones A, **Sheahan M**, Brown K, Chaer R, Huber T, Smith B. Scaled Performance on the Vascular Qualifying Examination does not Correlate with Vascular Certifying Examination First Attempt Pass in a National Cohort of Residents and Fellows. J Vasc Surg-I. Volume 2, Published online: May 14, 2024
 84. Mikhail A, Legare T, Tanamal P, Danos D, Gwin T, Irfan W, **Sheahan M**, Guidry L, Schellack J. Femoral Vein Translocation for Complex Hemodialysis Access. J Vasc Surg. 2024 May 7:S0741-5214(24)01097-8.
 85. Rouby AF, Neumann N, Vento V, Lejay A, Kuntz S, Bourcier T, Oulehri W, Bismuth J, Chakfé N; Collaborators. Fundamental Technical Skills of Endovascular Surgery: A Preliminary Study on Its Impact on Skills and Stress during Procedures. Ann Vasc Surg. 2024 Jun 26;108:84-91. doi: 10.1016/j.avsg.2024.05.004. Epub ahead of print. PMID: 38942373.
 86. Cui C, Velazquez G, DiLosa K, Reilly M, Li D, Pillado E, Escobar G, Kempe K, Kirkwood M, Rectenwald J, Shaw P, **Sheahan M**, Lee J, Coleman D. Guidance to Mitigate Occupational Risks for the Pregnant Vascular Surgery Trainee. JVS-Vascular Insights, Volume 2, 2024,100126, ISSN 2949-9127
 87. Sheahan C, **Sheahan M**. The most modifiable factor may be our own judgment. J Vasc Surg. Accepted for publication.
 88. Cui C, Reilly M, Pillado E, Li R, Eng J, Grafmuller L, DiLosa K, Conway A, Escobar G, Shaw P, Hu YY, Bilimoria K, **Sheahan MG**, Coleman D. Burnout is not associated with trainee performance on the Vascular Surgery In-Training Exam. J Vasc Surg. 2024 Sep 2:S0741-5214(24)01817-2.
 89. **Sheahan M**. The pendulum swings on. J Vasc Surg. Volume 80, Issue 4, 2024, Page 1291.
 90. **Sheahan M**, Heirs of Halstead. J Vasc Surg. 2024 Oct 5:S0741-5214(24)01939-6. doi: 10.1016/j.jvs.2024.09.038. Epub ahead of print. PMID: 39374855.

Book Chapters:

1. **Sheahan M**, Hamdan A, Pomposelli F Jr.: Complications of Vascular Surgery. In Cohn SM (ed.): Complications in Surgery and Trauma. New York, Taylor & Francis, 2006.
2. **Sheahan M**, Sheahan C. Minor Amputations. In Fischer JE (ed.): Mastery of Surgery, 6th Edition. Philadelphia, Lippincott Williams & Wilkins, 2012.
3. Vargo C, **Sheahan M**, Ayala V, Ferral H, Bok L, Moran T. Simulation in Vascular and Interventional Radiology. In Robertson H, Paige J, Bok L (eds.): Simulation in Radiology. New York, Oxford University Press, 2012.

4. Torrance B, **Sheahan M**, Hollier L.: Arteriomegaly and Aneurysmosis. In Veith F, Wakefield T, Stanley J (eds.): Current Therapy in Vascular and Endovascular Surgery. Mosby Press: 5th ed., 2014.
5. **Sheahan M**, Sheahan C, Pomposelli F. Minor Amputations. In Veith F, Wakefield T, Stanley J (eds.): Current Therapy in Vascular and Endovascular Surgery. Mosby Press: 5th ed., 2014.
6. Bray J, **Sheahan M**: Above Knee Amputation. In C Darling and C Ozaki (eds): Master Techniques in Surgery: Vascular Surgery. Lippincott Williams & Wilkins, 2014.
7. Sheahan C, Torrance B, **Sheahan M**. Peritoneal Dialysis Access Placement. In C Darling and C Ozaki (eds): Master Techniques in Surgery: Vascular Surgery. Lippincott Williams & Wilkins, 2014.
8. Bray J, **Sheahan M**. Femoral Artery Aneurysms. In A Mansour, M Shames, E Mitchell, J Bismuth (eds.): Atlas of Vascular and Endovascular Surgical Techniques, Jaypee Brothers Medical Publishers, 2014.
9. **Sheahan M**, Sabbagh M, Sheahan C. The Need for Simulation in Vascular Surgery. In N Chakfe (ed): New Endovascular Technologies: From Bench Test to Clinical Practice, GEPROVAS, 2015.
10. **Sheahan M**, Duran C, Bismuth J. National Simulation-Based Training of Fellows. The Vascular Surgery Example. In K Brown and J Paige (eds): Surgery Clinics of North America, Elsevier, 2015.
11. **Sheahan M**, Mitchell E. Simulation in Vascular Surgery. In D Stefanidis, J Korndorffer Jr, R Sweet (eds.): Comprehensive Healthcare Simulation: Simulation for Surgery and Surgical Subspecialties Edition, Springer International Publishing AG, 2017.
12. Kupersmith L, Hart A, Sheahan C, Buckler A, Ma X, **Sheahan M**. Computed tomography angiography and carotid disease: software-aided analysis. In N Chakfe (ed): New Endovascular Technologies: From Bench Test to Clinical Practice, GEPROVAS, 2017.
13. Virk C, Sheahan C, Au K, **Sheahan M**. Balloons: Plain, Drug-Coated, and Cutting. In J Hoballah and C Bechara (Eds): Atlas of Vascular Reconstruction Exposures and Techniques, Second Edition. Springer Nature, 2021.
14. Tullos A, **Sheahan M**. Selecting the proper simulation modality in vascular training. In N Chakfe (ed): New Endovascular Technologies: From Bench Test to Clinical Practice, GEPROVAS, 2021.
15. Summers KL, **Sheahan MG**. Public Health Literacy for Patients with Abdominal Aortic Aneurysms. 2021 Northwestern Vascular Symposium Textbook

16. Swanson K, **Sheahan MG**. Infrainguinal embolectomy techniques. In M Hawn (ed): Operative Techniques in Surgery, 2nd Edition, Wolters Kluwer, 2023.
17. Owens K, **Sheahan M**, Sheahan C. Arterial occlusive disease of the upper extremities. Moore's Vascular and Endovascular Surgery: A Comprehensive Review, 10th Edition. Elsevier, 2024.
18. Sethi D, Sheahan C, **Sheahan M**. Endovascular treatment of abdominal aortic aneurysms. Moore's Vascular and Endovascular Surgery: A Comprehensive Review, 10th Edition. Elsevier, 2024.

Other Published Abstracts:

1. Teupe C, Abadi C, Yao J, Takeuchi M, Avelar E, **Sheahan M**, Lanergan R, Fritsch T, Pandian NG. Acoustically stimulated emission mode (ASEM) with SHU563A, a novel ultrasound contrast agent, reliably identifies perfusion defects in a canine model of acute myocardial infarction. Circulation 98:I-214, 1998.
2. Yao J, Teupe C, Takeuchi M, **Sheahan M**, Avelar E, Pandian N. Quantitative three-dimensional contrast echocardiography can estimate myocardial mass at risk, infarct mass and efficacy of reperfusion: Experimental canine studies with a transvenous contrast agent, NC100100. J Am Coll Cardiol 33:473A, 1999.
3. **Sheahan M**, Arebi S, Banerjee A, Khabbaz K, Spanos C, Connolly R, Deiss-Shrem J, Payne D, Warner K. Repeated doses of blood cardioplegia minimizes tissue acidosis and preserves ventricular function in infant lambs. Circulation 100:I-169, 1999.
4. Banerjee A, Pinto I, **Sheahan M**, Yao J, Rhodes J, Warner K. Tissue velocity imaging accurately predicts changes in systolic and diastolic function in immature heart. Circulation 100:I-395, 1999.
5. Teupe C, Takeuchi M, Yao J, **Sheahan M**, Connolly R, Pandian NG. Harmonic power Doppler imaging in conjunction with contrast agent SHU563A allows recognition of viable myocardium: Experimental contrast echocardiographic studies of reperfused myocardium. J Am Coll Cardiol 33:414A, 1999.
6. Yao J, Takeuchi M, Teupe C, **Sheahan M**, Connolly R, Walovitch R, Fetterman R, Church C, Udelson J, Pandian NG. AI-700, a new ultrasound contrast agent allows reliable detection of hypoperfused zones in acute ischemia and infarction not only in triggered mode but also in continuous imaging mode. J Am Coll Cardiol 33:466A, 1999.
7. Yao J, Takeuchi M, Teupe C, **Sheahan M**, Connolly R, Walovitch R, Fetterman R, Church C, Pandian N. Hypoperfused myocardial mass estimated from 3-dimensional contrast echocardiography using a novel contrast agent, AI-700, aids in accurate quantitation of infarct mass. J Am Coll Cardiol 33:467A, 1999.
8. Yao J, Teupe C, Takeuchi M, **Sheahan M**, Avelar E, Pandian N. Quantitative three-dimensional contrast echocardiography can estimate myocardial mass at

- risk, infarct mass and efficacy of reperfusion: Experimental canine studies with a transvenous contrast agent, NC100100. J Am Coll Cardiol 33:473A, 1999.
9. **Sheahan M**, Arebi S, Banerjee A, Khabbaz K, Spanos C, Connolly R, Deiss-Shrem J, Payne D, Warner K. Repeated doses of blood cardioplegia minimizes tissue acidosis and preserves ventricular function in infant lambs. Circulation 100:I-169, 1999.
 10. Banerjee A, Pinto I, **Sheahan M**, Yao J, Rhodes J, Warner K. Tissue velocity imaging accurately predicts changes in systolic and diastolic function in immature heart. Circulation 100:I-395, 1999.
 11. Pinto I, Takeuchi M, **Sheahan M**, Ramasamy S, Nesser J, DeCastro S, Connolly R, Pandian N. Potential of contrast ultrasound imaging in the detection of deep vein thrombosis: Experimental studies in a canine model. J Am Coll Cardiol 35:319-20, 2000.
 12. **Sheahan M**, Khabbaz K, Spanos C, Takeuchi M, Connolly R, Warner K. The Physiologic Consequences of Coronary Shunting in a minimally invasive CABG model. Curr Thorac Surg 7(1):118-23, 2001.
 13. Yao J, Takeuchi M, Teupe C, **Sheahan M**, Connolly R, Walovitch RC, Fetterman RC, Church CC, Udelson JE, Pandian NG. Evaluation of a new ultrasound contrast agent (AI-700) using two-dimensional and three-dimensional imaging during acute ischemia. J Am Soc Echocardiogr 15(7):686-94, 2002.

Scientific Presentations

Local Presentations:

1. **Sheahan M**, Sheahan C, Batson R, Hollier L. Abdominal aortic aneurysm screening in Louisiana: Results below the aneurysm belt. Presented at the 2006 LA-ACS/SAL Joint Annual Meeting. January 2006, New Orleans, LA.
2. Virk C, **Sheahan M**, Sheahan C. Cross Femoral Venous Bypass. Presented at the 2015 Annual Meeting of the Gulf Coast Vascular Society. October 2015, New Orleans, LA.
3. Kupersmith L, Sheahan C, **Sheahan M**. Repair of an axillary artery pseudoaneurysm in a 3 month old. Presented at the 2017 Annual Meeting of the Gulf Coast Vascular Society. October 2017, New Orleans, LA.

National Presentations:

1. **Sheahan M**, Warner K, Marx G, Payne D. Preservation of the native aortic valve in children with aortic insufficiency. Presented at the American College of Cardiology 47th Annual Scientific Session. March 1998, Atlanta, Georgia.
2. **Sheahan M**, Arebi S, Banerjee A, Khabbaz K, Spanos C, Connolly R, Deiss-Shrem J, Payne D, Warner K. Repeated doses of blood cardioplegia minimizes tissue acidosis

- and preserves ventricular function in infant lambs. Presented at the American Heart Association 72nd Scientific Sessions. November 1999, Atlanta, Georgia.
3. **Sheahan M**, Khabbaz K, Spanos C, Takeuchi M, Connolly R, Warner K. The Physiologic Consequences of Coronary Shunting in a minimally invasive CABG model. Presented at the Society of Thoracic Surgeons 37th Annual Meeting - Cardiothoracic Techniques and Technologies Session. January 2001, New Orleans, LA.
 4. **Sheahan M**, Pomposelli F Jr, Belfield A, Deutsch E, LoGerfo F, Campbell D, Hamdan A. The Causes and Consequences of Early Reoperation Following Infrainguinal Bypass Procedures. Presented at the 16th Annual Meeting of the Eastern Vascular Society. May 2002, Boston, MA.
 5. **Sheahan M**, Hamdan A, Deutsch E, Belfield A, McArthur C, Campbell D, Skillman J, LoGerfo F, Pomposelli F Jr. A decade of infrainguinal bypass procedures: Predicting the natural course of lower extremity vascular disease. Presented at the 29th Annual Meeting of the New England Society for Vascular Surgery. October 2002, Rockport, ME.
 6. **Sheahan M**, Aulivola B, Pomposelli F Jr, LoGerfo F, Skillman J, Campbell D, Scovell S, Hamdan A. Amputation-free survival after lower extremity revascularization: The adverse impact of even moderate renal dysfunction. Presented at the 13th Annual Winter Meeting of the Peripheral Vascular Surgery Society. February 2003, Snowmass, CO.
 7. **Sheahan M**, Hile C, Pomposelli F Jr, LoGerfo F, McArthur C, Campbell D, Skillman J, Hamdan A. The influence of wound microbiology on outcomes after lower extremity bypass. Presented at the Society for Clinical Vascular Surgery 31st Annual Symposium. March 2003, Miami, FL.
 8. **Sheahan M**, Hamdan A, Deutsch E, Belfield A, McArthur C, Campbell D, Skillman J, LoGerfo F, Pomposelli F Jr. A decade of infrainguinal bypass procedures: Predicting the natural course of lower extremity vascular disease. Presented at the 57th Annual Meeting of the Society for Vascular Surgery. June 2003, Chicago, IL.
 9. **Sheahan M**, Aulivola B, Pomposelli F Jr, LoGerfo F, Skillman J, Campbell D, Scovell S, Hamdan A. Amputation-free survival after lower extremity revascularization: The adverse impact of even moderate renal dysfunction. Presented at the 57th Annual Meeting of the Society for Vascular Surgery. June 2003, Chicago, IL.
 10. **Sheahan M**, Hamdan A, Veraldi J, McArthur C, Skillman J, Campbell D, Scovell S, LoGerfo F, Pomposelli F Jr. Lower extremity minor amputations: The roles of initial amputation level and timing of revascularization. Presented at the 30th Anniversary Meeting of the New England Society for Vascular Surgery. September 2003, Newport, RI.
 11. **Sheahan M**, Sheahan C, Batson R, Hollier L. Prevalence of occult diabetes mellitus in patients with symptomatic tibial vessel disease: Findings in a high risk urban setting. Presented at the Eastern Vascular Society's 20th Anniversary Annual Meeting. September 2006, Washington, DC.
 12. **Sheahan M**, Sheahan C, Batson R, Hollier L. Prevalence of occult diabetes mellitus in patients with symptomatic tibial vessel disease: Findings in a high risk urban setting.

Presented at the Eastern Vascular Society's 20th Anniversary Annual Meeting.
September 2006, Washington, DC.

13. **Sheahan M**, Repair of concomitant arterial and venous injuries of the iliac vessels. Presented at the 35th Annual Symposium of the Society for Clinical Vascular Surgery. March 2007, Orlando, FL.
14. **Sheahan M**, Repair of concomitant arterial and venous injuries of the iliac vessels. Presented at the 35th Annual Symposium of the Society for Clinical Vascular Surgery. March 2007, Orlando, FL.
15. Bazan H, Sam A, **Sheahan M**, Abbruscato F. Pro-inflammatory cytokines characterize vulnerable carotid atherosclerotic plaques. Presented at Experimental Biology 2009. April 2009, New Orleans, LA.
16. H Bazan, Hong S, Lu Y, **Sheahan M**, Hollier L, Dardik A. Inflammation and diminished omega-3 fatty acids characterize unstable carotid plaques presented at the 33rd Annual Meeting of the Southern Association for Vascular Surgery. January 2009, Tucson, AZ.
17. **Sheahan M**, Bazan H, Sheahan C, Torrance B, Thompson A, Palit T, Batson R, Hollier L, Perkowski P, Schellack J. Translocation of the femoropopliteal vein for autogenous arteriovenous fistula creation: Excellent patency but high incidence of wound complications and steal syndrome. Accepted for presentation at the 38th Annual Symposium of the Society for Clinical Vascular Surgery. March 2010, Scottsdale, AZ.
18. **Sheahan M**, Sheahan C, Gerdes J, Bismuth J, Lee J, Shames M, Wilkinson J, Eidt J. Creating a vascular skills examination: Three new validated assessment models. Presented at the Vascular Annual Meeting. June 2013, San Francisco, CA.
19. **Sheahan M**, Bray J, Sheahan C, Gerdes J, Brooke E, Palit T, Torrance B, Batson R, Hollier H. Integrated Vascular Surgery Residency: A look at ERAS applicant numbers and NRMP match numbers. Presented at the 43rd Annual Symposium of the Society for Clinical Vascular Surgery. March 2015, Miami, FL.
20. **Sheahan M**, Bismuth J, Lee J, Shames M, Sheahan C, Rigberg D, Victoria S, Eidt J. The Fundamentals of Vascular Surgery: Establishing the Metrics of Essential Skills in Vascular Surgery Trainees. Presented at the 2015 Vascular Annual Meeting. June 2015, Chicago, IL.
21. Palit T, Bray J, **Sheahan M**, Sheahan C, Torrance B, Hollier L, Batson R. Outcome of Rectus Femoris Muscle Flaps for Femoral Arterial Graft Complications. Presented at the 2015 Vascular Annual Meeting. June 2015, Chicago, IL.
22. **Sheahan M**. Interventional Radiology, Interventional Cardiology, and Vascular Surgery Training Paradigms: Workforce Implications. Presented at the 2016 Vascular Annual Meeting. June 2016, Washington DC.
23. Summers K, Sheahan C, DiLosa K, Grise A, Unruh M, Zea N, Palit T, Torrance B, Batson R, **Sheahan M**. Evaluating Literacy of Vascular Terminology in the

- U.S. Veteran Population. Presented at the 2018 Society for Clinical Vascular Surgery Annual Symposium. March 2018, Las Vegas, NV.
24. Hastings L, Chawla A, Buell J, Unruh M, **Sheahan M**. Leiomyosarcoma of the Vena Cava in a 49 Year Old Female. Presented at the 2018 Society for Clinical Vascular Surgery Annual Symposium. March 2018, Las Vegas, NV.
 25. Lalani A, **Sheahan M**, Mendoza D, Zea N, Unruh M, Chawla A, Brooke A, Sheahan C. Evolution of Integrated Vascular Surgery Curriculum. Presented at the 2019 Society for Clinical Vascular Surgery Annual Symposium. March 2019, Boca Raton, FL.
 26. Kim J, Jim J, Aulivola B, Bismuth J, Pounds L, Cardella J, Bazan H, Aziz F, Nicholson R, Marjan A, Sheahan C, **Sheahan M**. An Analysis of the Current Educational Courses Offered to Vascular Trainees (19-A-335-SCVS). Presented at the 2019 Society for Clinical Vascular Surgery Annual Symposium. March 2019, Boca Raton, FL.
 27. Shames M, Owens K, Robinson W, Reed A, Lee J, Jordan W, **Sheahan M**. Vascular Surgery Program Director Work Hours and Compensation Do Not Align with ACGME Requirements. Presented at the 2021 Vascular & Endovascular Surgery Society Annual Meeting. January 2021, Sun Vally, ID.
 28. **Sheahan M**, Lalani A, Lee J, Shames M, Rigberg D, Cass B, Sheahan C, Bismuth J. The Fundamentals of Vascular Surgery: When do Vascular Trainees Achieve Basic Open Surgical Competency? Presented at the 2021 Vascular & Endovascular Surgery Society Annual Meeting. January 2021, Sun Valley, ID.
 29. Summers K, Kerut E, To F, Sheahan C, **Sheahan M**. Machine Learning-Based Prediction of Abdominal Aortic Aneurysms for Individualized Patient Care. Presented at Society for Clinical Vascular Surgery Annual Meeting. March 2021, Miami, FL.
 30. Boniakowski A, Kim G, Smith M, Golden H, Sutzko D, Obi A, Brown K, Pearce B, **Sheahan M**, Coleman D. A Proposed Vascular Surgery Pilot Program for Regional Recruitment. Presented at Society for Clinical Vascular Surgery Annual Meeting. March 2021, Miami, FL.
 31. Dills M, Sheahan C, Coleman D, Bismuth J, Pearce B, Jorgan W, **Sheahan M**. Regional Influences on the Number of Medical Student Applicants to Integrated Vascular Surgery Training Programs. Presented at Society for Clinical Vascular Surgery Annual Meeting. March 2021, Miami, FL.
 32. Belvroy V, Murali B, **Sheahan M**, O'Malley M, Bismuth J. Motion Metrics Reliably Differentiate Competency: Fundamentals of Endovascular and Vascular Surgery (FEVS). Presented at Society for Clinical Vascular Surgery Annual Meeting. March 2021, Miami, FL.
 33. Lalani A, Bray J, Sheahan C, Chawla A, **Sheahan M**. A Clinically Based Classification System of the Variations of the Profunda Femoris Artery and its

- Circumflex Branches. Presented at Society for Clinical Vascular Surgery Annual Meeting. March 2021, Miami, FL.
34. **Sheahan M**, Kim J, Unruh M, Torrance B, Batson R, Hollier L, Sheahan C. Outcomes of a Limb Sparing Approach to Pediatric Bone Tumors with Blood Vessel Involvement. Presented at the Southern Association for Vascular Surgery Annual Meeting. January 2022, Manalapan, FL.
 35. Li R, Pillado E, Eng J, Chia M, **Sheahan M**, Bilimoria K, Rangel E, Hu Y, Coleman D. The Obstetric Experience of Vascular Surgery Trainees. Presented at the Society for Clinical Vascular Surgery Annual Meeting. March 2022, Las Vegas, NV.
 36. **Sheahan M**, Patel S, Owens K, Sheahan C, Bismuth J, Jordan W, Makaroun M, Jim J. Expanding Our Capacity to Train Vascular Surgeons: Results of a National Initiative. Presented at the Society for Clinical Vascular Surgery Annual Meeting. March 2022, Las Vegas, NV.
 37. Pillado E, Li R, Chia M, Eng J, DiLosa K, Conway A, Escobar G, Shaw P, **Sheahan M**, Bilimoria K, Hu Y, Coleman D. Reported Pain at Work is a Risk Factor for Vascular Surgery Trainee Burnout. Presented at the Vascular & Endovascular Surgery Society Annual Meeting. February 2023, Whistler, BC, Canada.
 38. Tullos A, Wunava S, Sheahan C, Chawla A, Torrance B, Brooke A, Donovan M, Palit T, **Sheahan M**. Vascular Complications Secondary to REBOA Placement at a Level 1 Trauma Center. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2023, Miami, FL.
 39. Tullos A, Patel R, Sethi D, Sheahan C, Chawla A, Torrance B, Brooke A, Donovan M, Palit T, **Sheahan M**. Neighborhood Deprivation Index is Not Predictive of Patient's Perceived Barriers to Healthcare in an Urban Setting. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2023, Miami, FL.
 40. **Sheahan M**. Why the Private Practitioner is Potentially Critical to Resident Training. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2023, Miami, FL.
 41. **Sheahan M**. Predictors of Standardized Exam Outcomes in Vascular Surgery Training. Presented at the Society for Vascular Surgery Annual Meeting.
 42. **Sheahan, M**. CMS/Carotid Tenting – Why it Matters and Future Implications. Presented at the Vascular & Endovascular Surgery Society Annual Meeting. January 2024. Sun Valley, ID.
 43. Reilly M, Cui C, Pillado E, Li R, Eng J, Grafmuller L, DiLosa K, Conway A, Escobar G, Shaw P, Hu Y, Bilimoria K, **Sheahan M**, Coleman D. Trainee Perception of Virtual Support, Interviews, and Meetings on Vascular Surgery Culture and Community. Presented at the Vascular & Endovascular Surgery Society Annual Meeting. January 2024. Sun Valley, ID.

44. Patel S, Trinh S, Tullos A, Lalani A, Manea C, Chawla A, Danos D, Sheahan C, **Sheahan M**. Aortoiliac Endarterectomy Provides a Durable Alternative to Bypass in Women and Patients with Small Native Vessels. Presented at the Southern Association for Vascular Surgery Annual Conference. January 2024, Scottsdale, AZ.
45. Rigberg D, Sun T, Pearce B, Humphries M, **Sheahan M**, Coleman D, Lee J, Smith B. Vascular In-person for Students in the Match Trial (VISIT): An Investigation of Post-Interview Site Visits to Address the Limitations of Virtual Interviews. Presented at the Southern Association for Vascular Surgery Annual Conference. January 2024, Scottsdale, AZ.
46. Trinh S, Tullos A, Sheahan C, Chaer R, Lee J, Huber T, Brown K, **Sheahan M**. Board Certification in Vascular Predicts Better Outcomes in Open Abdominal Aneurysm Repair than Certification in General Surgery Alone. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2024, Scottsdale, AZ.
47. Reilly M, Cui C, Pillado E, Li R, Eng J, Grafmuller L, DiLosa K, Conway A, Escobar G, Shaw P, Hu Y, Bilimoria K, **Sheahan M**, Coleman D. Perceptions of Attending Approachability Among Vascular Surgery Trainees. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2024, Scottsdale, AZ.
48. Li R, Barry C, Ibáñez B, Brown K, Chaer R, Huber T, Jones A, Lee J, Perler B, **Sheahan M**, Aulivola B. Examiner-Examinee Gender Concordance is Not Associated with Ratings on the American Board of Surgery Certifying Examination. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2024, Scottsdale, AZ.
49. **Sheahan M**, Cui C, Reilly M, Pillado E, Li R, Eng J, Grafmuller L, DiLosa K, Conway A, Escobar G, Shaw P, Hu Y, Bilimoria K, Coleman D. Factors Affecting Trainee Satisfaction with Personal Growth Outside of Residency. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2024, Scottsdale, AZ.
50. Mikhail A, Legare T, Tanamal P, Irfan W, Gwin T, Guidry L, Schellack J, **Sheahan M**. Femoral Vein Translocation for Complex Hemodialysis Access. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2024, Scottsdale, AZ..
51. Trinh S, Sheahan C, Tullos A, **Sheahan M**, Danos D. Led by Vascular Surgery, Vascular Interventions are Increasingly Performed by Women. Presented at the Society for Clinical Vascular Surgery Annual Symposium. March 2024, Scottsdale, AZ.

International Presentations:

Malachi G. Sheahan, III, MD, FACS

1. **Sheahan M**, Sabbagh M, Sheahan C. The Need for Simulation in Vascular Surgery. Presented at the European Symposium on Vascular Biomaterials. October 2015, Strasbourg, France.
2. **Sheahan M**, The Fundamentals of Vascular Surgery. Presented at the European Symposium on Vascular Biomaterials. October 2015, Strasbourg, France.
3. **Sheahan M**, Kupersmith L, Hart A, Sheahan C, Buckler A, Ma X. Computed tomography angiography and carotid disease: software-aided analysis. Presented at the European Symposium on Vascular Biomaterials. October 2017, Strasbourg, France.
4. **Sheahan M**, Simulation-Based Training and Assessments. Presented at the European Symposium on Vascular Biomaterials. October 2017, Strasbourg, France.
5. **Sheahan M**, Techniques for Advancing Technical Skill. Presented at the European Symposium on Vascular Biomaterials. October 2019, Strasbourg, France.
6. **Sheahan M**, The Future of Vascular Simulation. Presented at the European Symposium on Vascular Biomaterials. November 2021, Strasbourg, France.
7. **Sheahan M**, The Evolution of the Fundamentals of Vascular Surgery Platform. Presented at the European Symposium on Vascular Biomaterials. April 2023, Strasbourg, France.

CME Presentations:

1. 2009 Vascular Symposium at LSU- developer and moderator. May 2009.
2. Program Chairman - Annual Meeting of the Gulf Coast Vascular Society, New Orleans, LA. 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2021.

Research Review Committee:

1. Member of Data Safety Monitoring Board (DSMB)
Endologix Study TP00-006, Study CP04-002, Study CP03-023, and Study CP07-001.
2007 - 2011
2. Member of Clinical Events Committee (CEC)
BEST-CLI Trial
Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia
March 2015 – February 2022

Invited Presentations and Seminars

Plenary lectureships at professional meetings/symposia:

1. Sheahan M. Evolving therapies for peripheral vascular disease. Presented at the 33rd New Orleans Family Practice Update. April 2006.
2. Program Chairman - 2006 Annual Meeting of the Gulf Coast Vascular Society, New Orleans, LA. October 2006.
3. Sheahan M. Current recommendations for the treatment of extracranial carotid stenosis. Presented at the 2007 LA-ACS/SAL Joint Annual Meeting. January 2007, New Orleans, LA.
4. Sheahan M. Management of peripheral vascular disease in diabetic patients. Presented at the Sixth Annual Diabetes, Hypertension, Hyperlipidemia and Wound Care Seminar. West Jefferson Medical Center. Marrero, LA. February 2007.
5. Sheahan M. Surgery or stenting for extracranial carotid disease? Presented at the 34th New Orleans Family Practice Update. May 2007.
6. Sheahan M. Update on vascular and endovascular surgery training paradigms. Presented at the American College of Surgeons 2007 Clinical Congress. New Orleans, LA. October 2007.
7. Sheahan M. Interventional therapy in the vascular patient. Presented at the Seventh Annual Diabetes, Hypertension, Hyperlipidemia and Wound Care Seminar. West Jefferson Medical Center. Marrero, LA. February 2008.
8. Sheahan M. Screening for abdominal aortic aneurysm. Presented at the 35th New Orleans Family Practice Update. April 2008.
9. Program Chairman - 2008 Annual Meeting of the Gulf Coast Vascular Society, New Orleans, LA. October 2008.
10. Sheahan M. A new paradigm for skill assessment in vascular trainees. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery. Salt Lake City, Utah. April 2009.
11. Sheahan M. Developing a Vascular Simulation Curriculum. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. March 2013.
12. Sheahan M. Clinical Research: Data Collection. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2013.
13. Sheahan M. Characteristics of Applicants to the Vascular Surgery Match 2009-2013. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. March 2014.
14. Sheahan M. Clinical Research: Entering Data. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2014.

15. Sheahan M. Industry Sponsored Trials. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2014.
16. Sheahan M. Diagnosis and Imaging of Visceral Artery Aneurysms. Presented at Cardiovascular Fellows' Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2014.
17. Sheahan M. Upper Extremity Anatomy and Physiology. Presented at Cardiovascular Fellows' Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2014.
18. Sheahan M. Overview of Applicant Trends. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. April 2015.
19. Sheahan M. Assessment Via Simulation. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. April 2015.
20. Sheahan M. Review of the 2015 Medical Student Match. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. April 2015.
21. Sheahan M. Clinical Research: Data Collection. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2015.
22. Sheahan M. Finding a Research Idea. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2015.
23. Sheahan M. How Vascular Surgery Programs Differ from Integrated IR and Cardiology Programs. Presented at the 2015 Vascular Annual Meeting, Chicago, IL. June 2015
24. Sheahan M. Review of the 2016 Vascular Surgery Match. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. April 2015.
25. Sheahan M. The Fundamentals of Vascular Surgery at LSU. Presented at the Annual Meeting of the Association of Program Directors in Vascular Surgery, Chicago, IL. April 2016.
26. Sheahan M. Clinical Research: Data Collection. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2016.
27. Sheahan M. Finding a Research Idea. Presented at the Introduction to Academic Vascular Surgery Annual Meeting, Tampa, FL. April 2016.
28. Sheahan M. Introduction to Vascular Surgery, Interventional Radiology and Interventional Cardiology Training Paradigms. Presented at the 2016 Vascular Annual Meeting, Washington DC. June 2016

29. Sheahan M. New Anticoagulants Make A Difference? Presented at the Annual Meeting of the Southern Association for Vascular Surgery, Naples, FL. January 2017.
30. Sheahan M. Pediatric Vascular Surgery. Presented at the Cardiovascular Finishing School. Methodist DeBakey Medical Center, Houston, TX. May 2017.
31. Sheahan M. Open Surgical Management of Abdominal Aneurysms. Presented at the Cardiovascular Fellows Bootcamp, Methodist DeBakey Medical Center, Houston, TX. August 2017.
32. Sheahan M. Central Venous Anatomy. Presented at the Cardiovascular Fellows Bootcamp, Methodist DeBakey Medical Center, Houston, TX. August 2017.
33. Sheahan M. Burnout: Cause and Effect. Presented at the 31st Annual Meeting of the Eastern Society for Vascular Surgery, Savannah, Ga, October 2017.
34. Main Program Chairman, European Symposium on Vascular Biomaterials, Strasbourg, France, October 2017.
35. Sheahan M. Vascular Surgery in Children. Presented at the 32nd Annual Scientific Sessions of the Florida Vascular Society, Hollywood, Florida, April 2019.
36. Sheahan M. Burnout in Vascular Surgeons. Presented at the 32nd Annual Scientific Sessions of the Florida Vascular Society, Hollywood, Florida, April 2019.
37. Sheahan M. Vascular Surgeons and the Impending Workforce Shortage. Presented at the 32nd Annual Scientific Sessions of the Florida Vascular Society, Hollywood, Florida, April 2019.
38. Sheahan M. Symptomatic Vertebral Occlusion. Presented at the Vascular Techniques and Technology Thinktank, Hilton Head, South Carolina, October 2021.
39. Sheahan M. Improving Screening Criteria and Public Communication for AAA, Presented at the 45th Annual Northwestern Vascular Symposium, Chicago, Illinois, December 2021.

Visiting professorships or seminars:

1. Invited Clinical Instructor, International Workshop in Advanced Laparoscopic Surgery, Aristotle University Department of Surgery, Thessaloniki, Greece. May 1999.
2. Course Founder, New Program Director Workshop, Louisiana Health Sciences Center, New Orleans, LA. September 2007.

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3. Invited International Guest, Vascular International Training Course and European Vascular Workshop, Pontresina, Switzerland. January 2008.
4. Invited Speaker and Honoree, Annual Meeting of the Greater New York Hospital Association, New York, NY. June 2008.
5. Invited Faculty, Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2009.
6. Invited Faculty, Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2010.
7. Invited Faculty, Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2011.
8. Introduction to Academic Vascular Surgery, University of South Florida, Tampa, FL, March 2012.
9. Medical Student and Resident Educational Program, Vascular Annual Meeting, Washington DC, June 2012.
10. Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2012.
11. 5th Annual American College of Surgeons Accredited Education Institutes Postgraduate Course, New Orleans, LA, September 2012.
12. EVEREST (European Virtual reality Endovascular RESearch Team) Symposium, VEITH Annual Meeting, New York, NY, November 2012.
13. Vascular Surgery Simulation Summit (VS3), Annual Meeting of the Association for Program Directors in Vascular Surgery, Chicago IL, March 2013.
14. Introduction to Academic Vascular Surgery, University of South Florida, Tampa, FL, March 2013.
15. Top Gun Training Program, Annual Meeting of the Society for Clinical Vascular Surgery, Miami, FL, March 2013.
16. Medical Student and Resident Educational Program, Vascular Annual Meeting, San Francisco, CA, June 2013.
17. Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2013.
18. EVEREST (European Virtual reality Endovascular RESearch Team) Symposium, VEITH Annual Meeting, New York, NY, November 2013.
19. The Houston Aortic Symposium, Houston, TX, March 2014.

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20. Fellows Education Program, Annual Meeting of the Society for Clinical Vascular Surgery, Carlsbad, CA, March 2014.
21. Top Gun Training Program, Annual Meeting of the Society for Clinical Vascular Surgery, Carlsbad, CA, March 2014.
22. Introduction to Academic Vascular Surgery, University of South Florida, Tampa, FL, March 2014.
23. The UMass Vascular Skills and Simulation Course (UVASC), University of Massachusetts Medical School, Worcester, MA, April 2014.
24. Finishing School for Cardiovascular Fellows, Methodist DeBakey Heart & Vascular Center, Houston, TX, May 2014.
25. Pre-Intern Training for Vascular Residents, Methodist DeBakey Heart & Vascular Center, Houston, TX, June 2014.
26. Medical Student and Resident Educational Program, Vascular Annual Meeting, San Francisco, CA, June 2014.
27. Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2014.
28. The Houston Aortic Symposium, Houston, TX, March 2015.
29. Fellows Education Program, Annual Meeting of the Society for Clinical Vascular Surgery, Miami, FL, March 2015.
30. Top Gun Training Program, Annual Meeting of the Society for Clinical Vascular Surgery, Miami, FL, March 2015.
31. Introduction to Academic Vascular Surgery, University of South Florida, Tampa, FL, March 2015.
32. The UMass Vascular Skills and Simulation Course (UVASC), University of Massachusetts Medical School, Worcester, MA, April 2015.
33. Finishing School for Cardiovascular Fellows, Methodist DeBakey Heart & Vascular Center, Houston, TX, May 2015.
34. Pre-Intern Training Camp, Methodist DeBakey Heart & Vascular Center, Houston, TX, June 2015.
35. Medical Student and Resident Educational Program, Vascular Annual Meeting, San Francisco, CA, June 2015.
36. Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2015.

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37. Trainee Simulation Skills Symposium, Combined Western Vascular Society/Australia and New Zealand Society for Vascular Surgery Meeting, Maui, HI, September 2015.
38. Advanced Vascular Surgical Skills and Simulation Assessment Program, Detroit, MI, January 2016.
39. The Houston Aortic Symposium, Houston, TX, March 2016.
40. Fellows Education Program, Annual Meeting of the Society for Clinical Vascular Surgery, Las Vegas, NV, March 2016.
41. Top Gun Training Program, Annual Meeting of the Society for Clinical Vascular Surgery, Las Vegas, NV, March 2016.
42. Introduction to Academic Vascular Surgery, University of South Florida, Tampa, FL, April 2016.
43. The UMass Vascular Skills and Simulation Course (UVASC), University of Massachusetts Medical School, Worcester, MA, April 2016.
44. Finishing School for Cardiovascular Fellows, Methodist DeBakey Heart & Vascular Center, Houston, TX, May 2016.
45. Pre-Intern Training Camp, Methodist DeBakey Heart & Vascular Center, Houston, TX, May 2016.
46. Medical Student and Resident Educational Program, Vascular Annual Meeting, Washington D.C., June 2016.
47. Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2016.
48. Cardiovascular Boot Camp, Cornell Medical College, New York, NY, September 2016.
49. Advanced Vascular Surgical Skills and Simulation Assessment Program, Detroit, MI, January 2017.
50. Invited Faculty, Fellows Education Program, Annual Meeting of the Society for Clinical Vascular Surgery, Orlando, FL, March 2017.
51. Course Director, Top Gun Training Program, Annual Meeting of the Society for Clinical Vascular Surgery, Orlando, FL, March 2017.
52. Invited Faculty, Introduction to Academic Vascular Surgery, University of South Florida, Tampa, FL, April 2017.
53. Finishing School for Cardiovascular Fellows, Methodist DeBakey Heart & Vascular Center, Houston, TX, May 2017.

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54. Medical Student and Resident Educational Program, Vascular Annual Meeting, San Diego, CA, June 2017.
55. Fundamentals of Vascular Surgery: Assessor Training, Vascular Annual Meeting, San Diego, CA, June 2017.
56. Fellows Boot Camp - Get The Basic Knowledge in Vascular Disease, Methodist DeBakey Heart & Vascular Center, Houston, TX, August 2017.
57. Big Apple Boot Camp, Cornell Medical College, New York, NY, September 2017
58. Frederik Meijer Heart and Vascular Institute Lecture, Visiting Professor, Michigan State University College of Human Medicine, Grand Rapids, MI, September 2017.
59. Invited Faculty, Vascular Simulation Bootcamp, ESVB Satellite Symposia, Strasbourg, France, October 2017.
60. Visiting Professor, Dartmouth Hitchcock Medical Center, April 2019.
61. Visiting Professor, Oklahoma University, April 2020.
62. Wesley S. Moore Visiting Professor, Departments of Medicine and Surgery, UCLA School of Medicine, February 2021.
63. Dennis F. Bandyk Memorial Lectureship, Visiting Professor, Department of Surgery, University of South Florida, May 2021.
64. Ellinwood Visiting Professor, University of Massachusetts, Department of Surgery, September 2021.
65. Invited Keynote Speaker, Alabama Vascular Society, August 2022.
66. Weesam Al-Khatib Annual Lecture, Visiting Professor, Department of Surgery, Stanford University School of Medicine, May 2022.
67. Invited Lecture, Georgia Vascular Society, September 2022.
68. Visiting Professor, Department of Surgery, Mt. Sinai School of Medicine, January 2023.
69. Gerald B. Zelenock Lecture on Medical Education, University of Michigan, January 2024.
70. Visiting Professor, Louisiana State University Health Sciences Center Shreveport, April 2024.
71. Alpha Omega Alpha Visiting Professorship Lecture, Gamma Chapter of Louisiana, April 2024.
72. Visiting Professor, University of Pittsburgh School of Medicine, September 2024.

73. Visiting Professor, Duke University School of Medicine, September 2024.

74. Jonathan B. Towne Visiting Professor, Medical College of Wisconsin, May 2025.

Editorial Posts and Activities

Reviewer:

Member of expert peer review panel, Evidence Centre, British Medical Journal.
September 2008 - June 2011

Reviewer, Journal of Vascular Surgery, August 2015 – November 2020

Reviewer, Journal of the American College of Surgeons, December 2015 -
Present

Reviewer, Dove Medical Press, January 2016 – Present

Reviewer, Annals of Vascular Surgery, March 2016 - Present

Deputy Medical Editor, Vascular Specialist, June 2016 – July 2018

Chief Medical Editor, Vascular Specialist, August 2018 - Present

Key Reviewer, Journal of Vascular Surgery, December 2020 - Present

Reviewer, Journal of Surgical Research, December 2020 - Present

Reviewer, Journal of Graduate Medical Education, December 2020 - Present

Reviewer, Seminars in Vascular Surgery, March 2021 - Present

SERVICE AND ADMINISTRATION

University/Institutional Service

Departmental committees:

Resident Review Committee – Member, September 2004 - Present

LSU Vascular Surgery Curriculum Committee – Chairman, April 2006 -
Present

LSU Vascular Surgery Clinical Competency Committee – Member, July
2014 - Present

School committees:

Institutional Graduate Medical Education Committee, 2005 - Present

Malachi G. Sheahan, III, MD, FACS

Inaugural member

Responsibilities include chairing Internal Reviews for residency programs

Graduate Medical Education Advisory Committee, 2005 - Present

Inaugural member

Responsibilities include coordinating educational programs for faculty involved in new training programs, e.g. Radiology, Anesthesia

Academy for the Advancement of Educational Scholarship, 2007 - 2017

Inducted at the Master Teacher level in the inaugural membership

Scholarship Committee member

Center for Advanced Practice, 2008 - Present

Director of Vascular Simulation

Curriculum Committee member

Council on Resident Education, 2010 - Present

American College of Surgeons Learning Center Steering Committee, 2012 - Present

LSU Vascular Surgery Interest Group – Faculty advisor, 2012 – Present

Cardiovascular Center of Excellence Internal Advisory Board, 2013 - 2019

Hospital committees:

LSU Interim Hospital

Member of SCIP performance improvement committee, 2007 - 2011

Design and implementation of new vascular surgery order sets

West Jefferson Medical Center

Member of Medical Staff Quality Committee, 2009 - 2012

University Medical Center

Heart and Vascular Service Line Core Team, 2016 - Present

Heart and Vascular Service Line Steering Committee, 2016 – Present

LCMC

Cardiovascular Service Line Advisory Council, 2023 - Present

Special assignments:

Founder and Course Director – Fundamentals of Vascular Surgery at Louisiana State University Health Sciences Center.

Description – This was the first national program specifically for integrated vascular surgery residents. Designed as an annual symposium for surgical technique instruction and assessment, the course first ran February 14-16, 2013 and has run

annually since. Funding was obtained entirely through industry grants and has been secured through 2025.

Founder and Course Director – New Cardiovascular Horizons Fellows Training Course

Description – This training program was started in 2015 to coincide with the annual New Cardiovascular Horizons Meeting in New Orleans. Seventy five trainees in cardiology, vascular surgery and cardiothoracic surgery are admitted to this two day seminar providing hands-on training in advanced endovascular procedures.

The Fundamentals of Vascular and Endovascular Surgery

Description – Developed and tested by myself and four other national leaders in vascular education, this curriculum and skills exam is endorsed by the Association of Program Directors in Vascular Surgery. Currently undergoing national implementation. Slated to be a requirement for American Board of Surgery Certification by 2026.

National Service

Professional society committees:

Accreditation Council for Graduate Medical Education

New Program Requirements Scenarios Planning Team
Member – 2022

New Program Requirements for Vascular Surgery
Writing Team Member – 2022 - Present

American College of Surgeons

Accredited Education Institute Research and Development Committee
Member 2016 - 2021

Association of Program Directors in Vascular Surgery

Ad hoc Simulation Committee
Inaugural Member, 2008 - 2010

Education Committee
Member, 2010 - 2016
Chair, 2016 - 2017

Fundamentals of Vascular Surgery Task Force
Inaugural Member, 2013 - Present

Student and Resident Recruitment Committee
Chair, 2014 - 2016
Ex-officio member, 2016 - 2017

Executive Council
Member, 2014 – Present

Councilor-at-Large

2017 - 2019
Secretary/Treasurer
2020 - 2024

Society for Vascular Surgery

Education Council
Member, 2012 - 2015
Resident and Student Outreach Committee – Recruitment
Ex Officio member, 2014 - 2018
Resident and Student Outreach Committee – VAM Program
Ex Officio member, 2014 - 2018
Regional medical student advisor
Wellness Task Force/Committee
Co-Chair 2017 – 2023
The Future of Vascular Surgery Task Force
Chair – New Programs Subcommittee 2019 - 2020
Clinical Practice Council
Member 2019 – 2023
Communications Committee
Member 2020 – 2022
Vice Chair 2022 - 2024
Program Committee
Member 2021 – 2024
Branding Committee
Inaugural Member 2024 – Present
Vascular Scope of Work Whitepaper Committee
Member 2024 - Present
Strategic Board of Directors
Member 2022 - Present

Society for Clinical Vascular Surgery

Top Gun Program Committee
Chair 2019 – 2023
Program Committee
Member 2022 - 2023
Councilor at large
2023 – 2026
Program Chair
2024 - 2025

Gulf Coast Vascular Society

Governing Board
Member, June 2006 – Present
Program Chairman for Annual Meeting
2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2023, 2025
Treasurer
October 2013 - Present

Southern Association for Vascular Surgery

Examiner for mock oral examinations – 2010
Committee for Trainee Scholarships
Chair, 2016 –Present

Vascular and Endovascular Surgery Society

Ad hoc Committee for Trainee Scholarships
Member, 2017 - 2019

American College of Surgeons

Research and Development Committee of the Consortium of ACS-Accredited
Education Institutes
Member, 2018 - 2020

American Board of Surgery

Certifying Examination for Certification in Vascular Surgery
Associate Examiner 2012, 2014
Senior Examiner 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024

Vascular Surgery Board of the American Board of Surgery

Director 2017 - 2027
Chair, Education and Training Committee 2020 - Present
Entrustable Professional Activities Task Force 2023 - Present
Vice Chair-Elect 2021 - 2023
Vice Chair 2023 - 2025
Chair 2025 - 2027

Clinical Service

In-patient service activities:

Responsible for coverage of full inpatient vascular services for five hospitals with
ten other surgeons.

2023-2024 Fiscal year clinical productivity produced charges over \$2.5 million
and 9,600 wRVUs.

Administrative Responsibilities

Departmental:

Chief – Division of Vascular and Endovascular Surgery

Interim Chief - Section of Vascular Surgery (11/05 - 8/07)

Malachi G. Sheahan, III, MD, FACS

Program Director – Fellowship in Vascular Surgery

Program Director – Integrated Residency in Vascular Surgery

LSU General Surgery Residency – West Jefferson Site Director

West Jefferson 3rd Year Clerkship in Vascular Surgery – Director

West Jefferson 4th Year Sub-Internship in Vascular Surgery - Director

Administrator of LSU Vascular Surgery Call Schedule for ten surgeons and six hospitals

Advisor and Coordinator for all vascular surgery conferences including:

 Interesting Case Conference – Weekly

 M and M – Twice Monthly

 Topic lectures – Twice Monthly

 New Orleans Journal Club – Monthly

 Baton Rouge Journal Club - Monthly

School:

Director of Vascular Simulation – Center for Advanced Practice

 Designed simulation curriculum for:

 3rd year clerks in vascular surgery

 Vascular surgery fellows

 Neurosurgery residents

 Radiology residents

 General surgery residents

Chair of Internal Review

 Work with GME to oversee internal review process for LSU residencies

 Approximately three per academic year (2006 - 2015)

Guidelines for Competency Based Education

 Author and Instructor

 Lectures and reading materials created for faculty in new residency programs

American College of Surgeons Learning Center Steering Committee

Cardiovascular Center of Excellence Internal Advisory Board

Vascular Surgery Interest Group – Faculty Advisor