

KEDAR S. LAVINGIA, M.D., F.A.C.S, F.S.V.S., R.P.V.I

3860 Reeds Landing Circle

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ACADEMIC APPOINTMENTS

Associate Professor, Virginia Commonwealth University, Richmond, VA
School of Medicine, Department of Surgery, Division of Vascular Surgery

Interim Chief, Division of Vascular and Endovascular Surgery, Richmond, VA
Central Virginia Veterans Affairs Hospital, August 2024 - Current

Site Director, Integrated Vascular Surgery Residency, Richmond, VA
Central Virginia Veterans Affairs Hospital, August 2022 - Current

EDUCATION

Advanced Endovascular Aortic Fellowship, Beijing, China
March 2019-May 2019, Aortic Fellow

Stanford University, Division of Vascular and Endovascular Surgery, Stanford, CA
July 2017 – July 2019, Fellow

Eastern Virginia Medical School, Department of Surgery, Norfolk, VA
July 2014 - July 2017, Senior Resident

Eastern Virginia Medical School, Division of Vascular Surgery, Norfolk, VA
July 2013 - June 2014, Clinical Research Fellow – Dissection and Aortic Remodeling

Eastern Virginia Medical School, Department of Surgery, Norfolk, VA
July 2011 - June 2013, Intern, Junior Resident

Medical College of Virginia, Richmond, VA
June 2011, Doctor of Medicine

University of Virginia, Charlottesville, VA
May 2004, Bachelors of Science – Major: Commerce; Concentration: Finance
Dean's List (five semesters)

Norfolk Academy High School, Norfolk, VA
May 2000, Diploma

LICENSURE & CREDENTIALS

American Board of Surgery Vascular Surgery – January 2021 #103397
USMLE STEP I – June 2009
USMLE STEP II CK – June 2010
USMLE STEP II CS – August 2010
USMLE STEP III – June 2014
Virginia State License – #0116024057
Advanced Cardiac Life Support – 2016
Advanced Trauma Life Support – 2015
Medical Board of California – 147251
DEA Registration – FL8298045
Medical Board of Virginia – 0101267451
Registered Physician Vascular Interpretation (RPVI) – 233684

PROFESSIONAL ORGANIZATIONS

Alpha Omega Alpha – 2010 - Present
American College of Surgeons – 2010 - Present
Medical Society of Virginia – 2007 - Present
Southeastern Surgical Society – 2012 - Present
Society of Vascular Surgery, Fellow – 2013 - Present
Vascular and Endovascular Surgery Society – 2020 – Present
Southern Association of Vascular Surgery – 2020 – Present
Virginia Vascular Society – 2017 – Present

ADMINISTRATIVE COMMITTEES

Association of Program Directors in Vascular Surgery (APDVS) – Ad Hoc Committee on Core Surgery and Defined Minimums for Case Logs Roster – 2018 - 2019
Eastern Virginia Graduate Medical Education Council – 2011- 2017
Sentara Norfolk General Hospital Trauma Quality Improvement Committee – 2012 - 2017
Eastern Virginia Graduate Medical Education Resident and Fellow Subcommittee – 2012 - 2017
Eastern Virginia Graduate Medical Education Internal Review Committee – 2012 - 2017
Accreditation Council of Graduate Medical Education- Site Visit Representative – 2011
Vascular and Endovascular Surgery Society – Program Committee – 2021-2023
Diversity, Equity, Inclusivity Executive Committee for Society of Vascular Surgery– 2021 – Present
Mock Oral Examiner – Southern Association of Vascular Surgery – 2020 - Present

EDITORIAL REVIEW BOARDS

Journal of American College of Surgeons – 2021 - Present

Journal of Vascular Surgery - 2019 - Present

Annals of Vascular Surgery - 2020 - Present

AWARDS

Alpha Omega Alpha, Medical Student Inductee 2010

Resident Research Day First Place 2016

Resident Research Day Second Place 2017

PRESENTATIONS

1. Gao S, **Lavingia K**, Amendola M. Outcomes of Carotid Endarterectomy Patch Angioplasty with Polyester and Bovine Pericardium are similar in a Veteran Population. Society for Vascular Surgery 2024 Vascular Annual Meeting. Chicago, Illinois; June 19 to 22, 2024.
2. Gao S, Otoy D, **Lavingia K**, Amendola M. Neutrophil-Lymphocyte Ratio (NLR) Predicts Outcomes after Endovascular Aneurysm Repair in a Veteran Population. Society for Vascular Surgery 2024 Vascular Annual Meeting. Chicago, Illinois; June 19 to 22, 2024.
3. Dogbe L, Le, Q, **Lavingia K**, Amendola M. Is It Getting Better? Two Subsequent Generations of ChatGPT and Analysis of Continued Improvements in Performance in Answering Specialized Vascular Surgery Questions. Society for Vascular Surgery 2024 Vascular Annual Meeting. Chicago, Illinois; June 19 to 22, 2024.
4. Fong K, Gupta T, **Lavingia K**, Amendola M. Validation Of The Rapid Estimate Of Adult Literacy In Vascular Surgery (real_vs) In A Veteran Patient Population. Vascular and Endovascular Surgical Society 48th Annual Meeting, Sun Valley, Idaho; January 18-20, 2024.
5. Otoy D, Setia K, Boyd S, Fong K, Amendola M, **Lavingia K**. Socioeconomic Status Based On Area Deprivation Index Does Not Affect Postoperative Outcomes In Patients Undergoing Endovascular Aortic Aneurysm Repair In The VA Healthcare System. Vascular and Endovascular Surgical Society 48th Annual Meeting, Sun Valley, Idaho; January 18-20, 2024.
6. Lele S, Otoy D, Dittman J, **Lavingia K**, Fong K, Amendola MF. Does It Matter Where They Live? Socioeconomic Outcomes Analysis of Veterans Undergoing Lower Extremity Amputations. Association of VA Surgeons, Madison, Wisconsin. April 23-25, 2023.
7. Amendola MF, **Lavingia K**. Does Student Mentorship Matter? A Six Year Retrospective Analysis of Academic Outputs From an Established Vascular Surgery Interest Group. Association of VA Surgeons, Madison, Wisconsin. April 23-25, 2023.

8. Wei C, Otoy D, Fong K, **Lavingia K**, Posner M, Amendola MF. Is There A Bias Against Those With A Disability? Arteriovenous Graft Outcomes in a VA Access Population. Association of VA Surgeons, Madison, Wisconsin. April 23-25, 2023.
9. Podium Presentation: Otoy D, Adam B, **Lavingia K**, Amendola M. Undifferentiated Pleomorphic Sarcoma of the Venous System: An Extremely Rare Finding. Vascular and Endovascular Surgery Society 47th Annual Meeting, Whistler, Canada, February 23-25th, 2023.
10. Podium Presentation: Otoy D, Lele S, Hogan D, Boyd S, **Lavingia K**, Amendola M. Diagnosis of Mental Illness Does Not Affect Post-Operative Outcomes in Patients Undergoing Endovascular Aortic Aneurysm Repair in the VA Health Care System. Southern Association for Vascular Surgery 47th Annual Meeting, Puerto Rico, January 18-21st, 2023
11. Poster Presentation: Boyd S, Otoy D, Hogan D, Wayne T, **Lavingia K**, Amendola M. Post-Operative Urinary Retention After Endovascular Aortic Aneurysm Repair in a Veteran Population. Southern Association for Vascular Surgery 47th Annual Meeting, Puerto Rico, January 18-21st, 2023.
12. Poster Presentation: Otoy D, Wolfe L, **Lavingia K**, Amendola M. Insights into the AAMC National Survey of US Medical Students: How Does Vascular Surgery compare to other Surgical Specialties? Society for Vascular Surgery 2022 Vascular Annual Meeting, Boston, Massachusetts; June 15 – 18, 2022. Entry into International Poster Competition.
13. Poster Presentation: Lele S, Otoy D, **Lavingia K**, Amendola M. Does It Matter How Far You Travel for Dialysis Care: Analysis of Travel Time and Arteriovenous Graft Outcomes in a Veteran Population. Society for Vascular Surgery 2022 Vascular Annual Meeting, Boston, Massachusetts; June 15 – 18, 2022.
14. Poster Presentation: Boyd S, **Lavingia K**, Wolfe L, Amendola M. Common Femoral to Iliac Artery Ratio Predicts Type IB Endoleak in Patients Undergoing Endovascular Aneurysm Repair (EVAR). Society for Vascular Surgery 2022 Vascular Annual Meeting, Boston, Massachusetts; June 15 – 18, 2022.
15. Poster Presentation: Ma Y, Dittman J, **Lavingia K**, Amendola M. Device Complications and Outcomes Before and After FDA Recall of the VICI and Venovo Venous Stent Systems. Society for Vascular Surgery 2022 Vascular Annual Meeting, Boston, Massachusetts; June 15 – 18, 2022.
16. Poster Presentation: Otoy D, Wolfe L, **Lavingia K**, Amendola M. Do They Stay or Do They Go? Eventual Practice Patterns of Integrated Vascular Surgery Residents compared to Vascular Surgery Fellows. Society for Vascular Surgery 2022 Vascular Annual Meeting, Boston, Massachusetts; June 15 – 18, 2022.

17. Podium Presentation: Boyd S, **Lavingia K**, Wolfe I, Amendola M. Common Femoral to Iliac Artery Ratio Predicts Type IB Endoleak in Patients Undergoing Endovascular Aneurysm Repair (EVAR). 45th Annual Surgical symposium of the Association of VA Surgeons. Pittsburgh, PA; April 24 – 26, 2022.
18. Podium Presentation: Bentan M, Dittman J, Boyd S, **Lavingia K**, Amendola M. Impact of Dual Antiplatelet Therapy on Long Term Outcomes of Complete Internal Carotid Artery Occlusion in a Veteran Cohort. 45th Annual Surgical symposium of the Association of VA Surgeons. Pittsburgh, PA; April 24 – 26, 2022.
19. Podium Presentation: Otoya D, **Lavingia K**, Amendola M. Watch That Waistline! Analysis of Anthropometric Measures Affecting Outcomes in Primary Radiocephalic Fistulas in a Veteran Population. 45th Annual Surgical symposium of the Association of VA Surgeons. Pittsburgh, PA; April 24 – 26, 2022.
20. Podium Presentation: Otoya D, Simmonds A, **Lavingia K**, Amendola M. Operative Autonomy: Assessing resident impact on surgical outcomes in arteriovenous Fistulas. 45th Annual Surgical symposium of the Association of VA Surgeons. Pittsburgh, PA; April 24 – 26, 2022.
21. Poster Presentation: Otoya D, Simmonds A, **Lavingia K**, Amendola M. Operative Autonomy: Assessing resident impact on surgical outcomes in below the knee amputations. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022. **Finalist Karmody Poster Competition.**
22. Poster Presentation: Dittman J, Boyd S, **Lavingia K**, Amendola M. Preoperative Delirium Associated with Increased Complications in Veterans Undergoing Lower Extremity Bypass. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
23. Poster Presentation: Tse W, **Lavingia K**, Amendola M. Risk Factors for Wound Complications after Lower Extremity Amputation: Analysis of VASQIP. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
24. Poster Presentation: Tse W, **Lavingia K**, Amendola M. Surgical Frailty is More Predictive to Postoperative Outcomes than Emergent Status in Open Abdominal Aortic Aneurysm Repair: A VASQIP Analysis. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
25. Poster Presentation: Boyd S, Dittman J, Tse W, **Lavingia K**, Amendola M. Modern Lower Extremity Bypass Outcomes by Anesthesia Type in the Veteran Population. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
26. Poster Presentation: LeLe S, Ghadiyaram A, Dittman J, Otoya D, **Lavingia K**, Amendola M. Risk Profile for Low-Dose Anticoagulation Therapy with Rivaroxaban and Apixaban in a

Veteran Based Population. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.

27. Poster Presentation: Ghadiyaram A, LeLe S, Dittman J, Otoya D, **Lavingia K**, Amendola M. Low-Dose Anticoagulation Therapy with Rivaroxaban and Apixaban: How are Bleeding Events Handled in a Veteran Based Population? Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
28. Poster Presentation: Otoya D, Simmonds A, **Lavingia K**, Amendola M. Operative Autonomy: Assessing resident impact on surgical outcomes in arteriovenous fistula creation in the VA Health Care System. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
29. Poster Presentation: Ma Y, Dittman J, **Lavingia K**, Amendola M. Analysis of Publicly Reported Adverse Events in the VICI and Venovo Venous Stent Systems. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
30. Poster Presentation: LeLe S, Otoya D, **Lavingia K**, Amendola M. Living in a Food Desert Does Not Negatively Impact Arteriovenous Graft Outcomes. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022.
31. Poster Presentation: Dittman J, Benton M, Boyd S, **Lavingia K**, Amendola M. Impact of Dual Antiplatelet Therapy on Long Term Outcomes of Complete Internal Carotid Artery Occlusion in a Veteran Cohort. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022. **Entry into Karmody Poster Competition.**
32. Poster Presentation: Otoya D, Simmonds A, **Lavingia K**, Amendola M. Operative Autonomy: Assessing resident impact on surgical outcomes in below the knee amputations. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022. **Entry into Karmody Poster Competition.**
33. Poster Presentation: Otoya D, **Lavingia K**, Amendola M. Watch That Waistline! Analysis of Anthropometric Measures Affecting Outcomes in Primary Radiocephalic Fistulas in a Veteran Population. Society for Clinical Vascular Surgery- 49th Annual Symposium. Las Vegas, Nevada. March 19-23, 2022. **Entry into Karmody Poster Competition.**
34. Podium Presentation: Simmonds A. Otoya D. **Lavingia K**. Amendola M. Operative Autonomy: Assessing Resident Impact on Surgical Outcomes in Below the Knee Amputations. in the VA Health Care System. 46th Annual Meeting of the Vascular and Endovascular Surgical Society. Snowmass, Colorado. January 27-29, 2022.
35. Podium Presentation: Ma Y, Dittman J, **Lavingia K**, Amendola M. Analysis of Publicly Reported Adverse Events in the Vici and Venovo Venous Stent Systems. 46th Annual Meeting of the Vascular and Endovascular Surgical Society. Snowmass, Colorado. January 27-29, 2022.

36. Moderated Poster Presentation: Otoy D. Simmonds A. **Lavingia K.** Amendola M. Operative Autonomy: Assessing Resident Impact on Surgical Outcomes in Arteriovenous Fistula Creation in the VA Health Care System. Southern Association for Vascular Surgery. Manalapan, Florida; March 19-22, 2022.
37. Moderated Poster Presentation: Simmonds A. Otoy D. **Lavingia K.** Amendola M. Operative Autonomy: Assessing Resident Impact on Surgical Outcomes in Below the Knee Amputations. in the VA Health Care System. Southern Association for Vascular Surgery. Manalapan, Florida; March 19-22, 2022.
38. Poster Presentation: Bentan M. Dittman J. Boyd S. **Lavingia K.**, Amendola M. Impact of Dual Antiplatelet Therapy on Long Term Outcomes of Complete Internal Carotid Artery Occlusion in a Veteran Cohort. Southern Association for Vascular Surgery. Manalapan, Florida; March 19-22, 2022.
39. Poster Presentation: Boyd S. **Lavingia K.** Wolfe L. Amendola M. Common Femoral to Iliac Artery Ratio Predicts Type IB Endoleak in Patients Undergoing Endovascular Aneurysm Repair (EVAR). Southern Association for Vascular Surgery. Manalapan, Florida; March 19-22, 2022.
40. Boyd S, **Lavingia K.** Risk Analysis Index: Frailty in Veterans Undergoing Lower Extremity Bypass. Oral presentation at the Vascular Techniques and Technology Thinktank. October 21-23, 2021. Hilton Head, SC.
41. Suh D, Ma Y, Newton D, Amendola M, **Lavingia K.** Carotid Artery Dissections from TCAR As Reported by the Food and Drug Administration. 24th Virtual Annual Graduate Student Research Symposium & Exhibit, Richmond, Virginia; April 25, 2021.
42. Virtual Podium Presentation: Tse W, **Lavingia K.** Amendola M. Comparison of Outcomes in Lower Limb Amputations Between General and Vascular Surgeons in the Veterans Population Using VASQIP Database. 2021 Vascular Annual Meeting. August 18-21.
43. Virtual Poster: Otoy D, **Lavingia K.** Wolfe L, Posner, Amendola M. Central Line Access for Hemodialysis adversely Affects Ipsilateral Arteriovenous Graft Outcomes. 2021 Vascular Annual Meeting. August 18-21.
44. Poster Presentation: Dittman J, **Lavingia K.** Amendola M. Are We Leaving Female Veterans Behind? Outcomes Trends and Matched Pair Analysis of Lower Extremity Amputation Patients by Gender in the VASQIP Database. 2021 Vascular Annual Meeting. San Diego, CA. August 18-21.
45. Poster Presentation: Suh D, Ma Y, Amendola M, Newton D, **Lavingia K.** Carotid artery dissections from TCAR as reported on the MAUDE database. 2021 Vascular Annual Meeting. San Diego, CA. August 18-21.

46. Poster Presentation: Dittman J, **Lavingia K**, Amendola M. Mind Games: When do Medical Student Career Aspirations Correlate with Simulated Surgical Skills Station Performance? 2021 Vascular Annual Meeting. San Diego, CA. August 18-21.
47. Virtual Poster: Boyd S, Tse W, **Lavingia K**, Amendola M. Does Anesthesia Type Matter? Twenty-Year Analysis of Veterans Undergoing Lower Extremity Bypass. 2021 Vascular Annual Meeting. August 18-21.
48. Poster Presentation: Dittman J, Boyd S, **Lavingia K**, Amendola M. Gender Associated Outcomes in Veteran Lower Extremity Bypass: National Trends and Results from a Comprehensive Matched Pair Analysis. 2021 Vascular Annual Meeting. August 18-21.
49. Virtual Podium Presentation: Otoya D, **Lavingia K**, Posner M, Amendola M. Statins Usage at Arteriovenous Graft Placement Does Not Improve Outcomes in Diabetic Patients. 2021 Vascular Annual Meeting. August 18-21.
50. Virtual Podium Presentation: Otoya D, **Lavingia K**, Posner M, Amendola M. The Effect of Race on Arteriovenous Graft Outcomes in a Veteran Dialysis Patient Population. 2021 Vascular Annual Meeting. August 18-21.
51. Virtual Poster: Beyer A, Dittman J, **Lavingia K**, Amendola M. Is Newer Better? Comparison of Two Generations of a Thoracic Endograft System utilizing the MAUDE Database. 2021 Vascular Annual Meeting. August 18-21.
52. Podium Presentation: Tse W, **Lavingia K**, Amendola M. Using the Risk Analysis Index to Assess Frailty in Veteran Cohort Undergoing Endovascular Aortic Aneurysm Repair. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
53. Poster Presentation: **Lavingia K**, Tse W, Amendola M. Comparison of Outcomes in Lower Limb Amputations between General and Vascular Surgeons in the Veterans Population Using VASQIP Database. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
54. Poster Presentation: Boyd S, Tse W, **Lavingia K**, Amendola M. Frailty Measurement and Implications for Cerebrovascular Disease Management in a Veteran Based Population. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
55. Poster Presentation: Boyd S, **Lavingia K**, Tse W, Amendola M. Risk Analysis Index: What can it Tell Us about Veterans Undergoing Lower Extremity Bypass. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
56. Poster Presentation: Korn A, **Lavingia K**, Larson R, Amendola M, Levy M, Albuquerque, Newton D. Failure Modes of a Commercially Available Fenestrated Endograft. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.

57. Poster Presentation: **Lavingia K**, Amendola M. Close vs. Seal? Maude Database Analysis of the Angio-seal™ and Perclose Proglide® System. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
58. Poster Presentation: Dittman J, Tse W, **Lavingia K**, Wolfe L, Amendola M. General Anesthesia Associated with Increased Blood Transfusions and Multiple Complications Following Above Knee Amputation in a Large VA Cohort. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
59. Poster Presentation: Otoya D, **Lavingia K**, Posner M, Wolfe L, Amendola M. Statins Usage at Arteriovenous Graft Placement Does Not Improve Outcomes in Diabetic Patients. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
60. Poster Presentation: Pondugula P, **Lavingia K**, Amendola M. What is YouTube Telling Us about Outpatient Vascular Surgery Treatment Centers? Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
61. Poster Presentation: Suh D, Yoon W, Lavingia K, Amendola M. How are We Tweeting about Ourselves? Analysis of the Society of Vascular Surgery and Society of Interventional Radiology Annual Meetings. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
62. Poster Presentation: Dittman J, Suh D, Lavingia K, Amendola M. Mind Over Matter: Self-perception of Skills Impacts Career Aspirations and Learning in an Undergraduate Vascular Simulation Workshop. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
63. Poster Presentation: Otoya D, **Lavingia K**, Posner M, Amendola M. The Effect Of Race On Arteriovenous Graft Outcomes In A Veteran Dialysis Patient Population. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
64. Poster Presentation: Otoya D, **Lavingia K**, Posner M, Amendola M. Central Line Access For Hemodialysis Adversely Affects Ipsilateral Arteriovenous Graft Outcomes. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021. Entry into the Karmody Poster Competition.
65. Virtual Podium Presentation: Otoya D, **Lavingia K**, Amendola M. Gender Trends of Authors Presenting at a Regional Vascular Surgery Meeting - Are We Missing a Unique Opportunity to Mentor? 45th Annual Meeting of The Southern Association of Vascular Surgery Vascular, Scottsdale, Arizona, January 24 to 27, 2021.
66. Virtual Podium Presentation: Boyd S, **Lavingia K**, Tse W, Amendola M. Risk Analysis Index: When is the Patient Too Frail to Undergo a Carotid Artery Endarterectomy? 45th Annual Meeting of The Vascular & Endovascular Surgery Society, Virtual, January 21 to 24, 2021.

67. Virtual Podium Presentation: Tse W, Dittman J, **Lavingia K**, Amendola M. Frailty Index Associated with Post-operative Complications and Mortality After Lower Extremity Amputation: A VASQIP Analysis. Virtual Vascular Annual Meeting - The Society of Vascular Surgery, June 23, 30, July 7,14,21 and 28, 2021
68. Tse W, **Lavingia K**, Amendola M. Using the Risk Analysis Index to Assess Frailty in Veteran Cohort Undergoing Endovascular Aortic Aneurysm Repair. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
69. Otoy D, **Lavingia K**, Posner M, Amendola M. Central Line Access for Hemodialysis adversely Affects Ipsilateral Arteriovenous Graft Outcomes. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021. Entry into the Karmody Poster Competition.
70. Otoy D, **Lavingia K**, Posner M, Amendola M. The Effect Of Race On Arteriovenous Graft Outcomes In A Veteran Dialysis Patient Population. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
71. Dittman J, Suh D, **Lavingia K**, Amendola M. Mind Over Matter: Self-perception of Skills Impacts Career Aspirations and Learning in an Undergraduate Vascular Simulation Workshop. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
72. Suh D, Yoon W, **Lavingia K**, Amendola M. How are We Tweeting about Ourselves? Analysis of the Society of Vascular Surgery and Society of Interventional Radiology Annual Meetings. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
73. Dittman J, Tse W, **Lavingia K**, Wolfe L, Amendola M. General Anesthesia Associated with Increased Blood Transfusions and Multiple Complications Following Above Knee Amputation in a Large VA Cohort. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
74. **Lavingia K**, Amendola M. Close vs. Seal? Maude Database Analysis of the Angio-seal™ and Perclose Proglide® System. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
75. Korn A, **Lavingia K**, Larson R, Amendola M, Levy M, Albuquerque, Newton D. Failure Modes of a Commercially Available Fenestrated Endograft. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.

76. Boyd S, **Lavingia K**, Tse W, Amendola M. Risk Analysis Index: What can it Tell Us about Veterans Undergoing Lower Extremity Bypass. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
77. Boyd S, Tse W, **Lavingia K**, Amendola M. Frailty Measurement and Implications for Cerebrovascular Disease Management in a Veteran Based Population. Society of Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
78. **Lavingia K**, Tse W, Amendola M. Comparison of Outcomes in Lower Limb Amputations between General and Vascular Surgeons in the Veterans Population Using VASQIP Database. The Society for Clinical Vascular Surgery- 48th Annual Symposium. Miami, Florida; March 13-17, 2021.
79. Virtual Podium Presentation: Boyd S, Tse W, **Lavingia K**, Amendola M. Frailty Measurement and Implications for Cerebrovascular Disease Management in a Veteran Based Population. Virtual Virginia Vascular Surgical Society; September 11, 2020.
80. Podium Presentation: Otoya D, **Lavingia K**, Posner M, Amendola M. Central Line Access for Hemodialysis adversely Affects Ipsilateral Arteriovenous Graft Outcomes. Virtual Virginia Vascular Surgical Society; September 11, 2020.
81. Virtual Podium Presentation: Suh D, Yoon W, **Lavingia K**, Amendola M. How are We Tweeting about Ourselves? Analysis of the Society of Vascular Surgery and Society of Interventional Radiology Annual Meetings. Virtual Virginia Vascular Surgical Society; September 11, 2020. **Winner of the Best Virginia Vascular Meeting Oral Presentation Award.**
82. Virtual Podium Presentation: Tse W, **Lavingia K**, Amendola M. Comparison of Outcomes in Lower Limb Amputations between General and Vascular Surgeons in the Veterans Population Using VASQIP Database. Virtual Virginia Chapter of the American College of Surgeons, May 15 to 16, 2020.
83. Virtual Podium Presentation: Tse W, Dittman J, **Lavingia K**, Amendola M. Frailty Index Associated with Post-operative Complications and Mortality after Lower Extremity Amputation: A VASQIP Analysis. Virtual Virginia Chapter of the American College of Surgeons, May 15 to 16, 2020.
84. Ho, V, George E, Dua A, **Lavingia K**, Sgroi M, Dake M, Lee JT. Early Real World Experience with Endoanchors Based on Indication. Vascular and Endovascular Surgical Society (VESS). Snowbird, UT. February 2019
85. **KS Lavingia**, A Dua, JT Lee. Surgical Management of Functional Popliteal Entrapment Syndrome. Western Vascular Society (WVS). Santa Fe, NM. September 2018

86. Dua A, Rothenberg K, **Lavingia K**, Sorial E, Garcia-toca M. Long-term Durability of Oakes Salvage Procedure to Preserve Brescia-Cimino Arteriovenous Access. Western Vascular Society (WVS). Santa Fe, NM. September 2018
87. Dua A, **Lavingia K**, Dake M, Lee JT. Early Experience With the Octopus Endovascular Strategy in the Management of Thoracoabdominal Aneurysms. Western Vascular Society (WVS). Santa Fe, NM. September 2018.
88. **KS Lavingia**, K Tran, NK Itoga, A Dua, MW Mell, V Chandra. Multi-vessel Tibial Revascularization does not Improve Outcomes in Patients with Critical Limb Ischemia. Western Vascular Society (WVS). Santa Fe, NM. September 2018
89. Dua A, Sgroi M, **Lavingia K**, Rothenberg K, Sorial E, Garcia-Toca M. Comparison of Secondary Interventions Rates in Patients with Implantable Cardiac Devices and Ipsilateral versus Contralateral Arteriovenous Access. Poster Presentation. Society of Vascular Surgery Vascular Annual Meeting (VAM). Boston, MA. June 2018.
90. **Lavingia K**, Dua A, Dake M, Lee JT. Early Experience with the Octopus Endovascular Strategy in the Management of Thoracoabdominal Aneurysms. Poster Presentation. Society of Vascular Surgery Vascular Annual Meeting (VAM). Boston, MA. June 2018.
91. **KS Lavingia**, RE Redlinger, FN Parent. Dual Incision Remote Endarterectomy Is a Novel Treatment Option for Long-Segment Superficial Femoral-Popliteal Artery Occlusive Disease. Vascular Annual Meeting. Chicago, IL. June 18-20, 2015.
92. CP Ammar, S Larion, SS Ahanchi, **KS Lavingia**, DJ Dexter, JM Panneton. Anatomic Severity Grading Score for Primary Descending Thoracic Aneurysms Predicts Reinterventions and Mortality After Thoracic Endovascular Aortic Repair. Society for Clinical Vascular Surgery Annual Symposium. Miami, FL. April 1, 2015.
93. **KS Lavingia**, JN Collins, MC Soult, WH Terzian, LJ Weireter, LD Britt. Torso Computed Tomography (CT) Can Be Bypassed After Thorough Trauma Bay Examination Of Patients Who Fall From Standing. Southeastern Surgical Congress. Chattanooga, TN. February 21-25, 2015.
94. **KS Lavingia**, S Larion, SS Ahanchi, CP Ammar, M Bhasin, AK Mirza, DJ Dexter, JM Panneton. Volumetric Analysis of the Initial Index Computed Tomography Scan Can Predict the Natural History of Acute Uncomplicated Type B Dissections. 39th Annual Southern Association for Vascular Surgery. Scottsdale, AZ. January 15-19, 2015.
95. **KS Lavingia**, CR Chipman, JA Higgins, SS Ahanchi, DJ Dexter, JM Panneton. Carbon Dioxide Enhanced Angiography Protects Renal Function Without Losing Interventional Efficacy During Tibial Interventions. Academic Surgical Congress. Las Vegas, NV. February 3-5, 2015.

96. CP Ammar, S Larion, SS Ahanchi, **KS Lavingia**, DJ Dexter, JM Panneton. Operative Difficulty for Thoracic Endovascular Aortic Repair of Descending Thoracic Aneurysms is Predicted by a Novel Anatomic Severity Grading Score. Residents and Fellows Competition. Vascular Techniques & Technology Thinktank Annual Meeting. Saratoga Springs, NY. September 21, 2014.
97. MC Soult, **KS Lavingia**, JN Collins, Britt RC, TJ Novosel, LJ Weireter, LD Britt. Extinction of the Prehistoric Trauma Evaluation: Elimination of the Routine Trauma Bay Chest X-Ray. 73st Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery. Philadelphia, PA. September 10-13, 2014
98. CP Ammar, S Larion, SS Ahanchi, **KS Lavingia**, DJ Dexter, JM Panneton. A Novel Anatomic Severity Grading Score for Descending Thoracic Aortic Aneurysms. Virginia Vascular Society Annual Meeting. Williamsburg, VA. September 9, 2014.
99. **KS Lavingia**, SS Ahanchi, RE Redlinger, Jr., NR Udgiri, JM Panneton. Thoracic Endovascular Aortic Repair for Intramural Hematoma: Safe and Effective Treatment Promoting Aortic Remodeling. Virginia Vascular Society Annual Meeting 2014. Wintergreen, VA. September 7-9, 2014.
100. **KS Lavingia**, RE Redlinger, Jr., FN Parent. Dual Incision Remote Endarterectomy: A Novel Treatment Option for Long Segment Superficial Femoral-Popliteal Artery Occlusive Disease. 38th Annual Society for Clinical Vascular Surgery Meeting. Carlsbad, CA. March 18-22, 2014.
101. **KS Lavingia**, MC Soult, JN Collins, TJ Novosel, LJ Weireter, LD Britt. Basic Ultrasound Training Can Replace Chest Radiography for Safe Tube Thoracostomy Removal. Southeastern Surgical Congress. Savannah, GA. February 21-25, 2014.
102. **KS Lavingia**, RE Redlinger, Jr., NR Udgiri, SS Ahanchi, JM Panneton. Thoracic Endovascular Aortic Repair for Intramural Hematoma: Safe and Effective Treatment Promoting Aortic Remodeling. 38th Annual Southern Association for Vascular Surgery. Palm Beach, FL. January 14-18, 2014.
103. **KS Lavingia**, CR Chipman, JA Higgins, SS Ahanchi, DJ Dexter, JM Panneton. Carbon Dioxide Enhanced Angiography Protects Renal Function Without Losing Interventional Efficacy During Tibial Interventions. Virginia Vascular Society 2013 Annual Meeting. Wintergreen, VA. September 6-8, 2013.
104. **KS Lavingia**, RE Redlinger, Jr., FN Parent. Remote Endarterectomy: Innovative Dual Incision Technique as Viable Treatment Option for Superficial Femoral Artery Occlusion. Virginia Vascular Society 2013 Annual Meeting. Wintergreen, VA. September 6-8, 2013.

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2. WB Best, SS Ahanchi, **KS Lavingia**, CP Ammar, S Larion, JM Panneton. Abdominal Aortic Aneurysm Anatomic Severity Grading Score Predicts Aortic Branch Vessel Complications, Nonaortic Adverse Events, and Survival. *Journal of Vascular Surgery*. 2015;61(2):574-575
3. **KS Lavingia**, S Larion, SS Ahanchi, CP Ammar, M Bhasin, AK Mirza, DJ Dexter, JM Panneton. Volumetric Analysis of the Initial Index Computed Tomography Scan Can Predict the Natural History of Acute Uncomplicated Type B Dissections. *Journal of Vascular Surgery*. 2014;60(6):1714
4. **KS Lavingia**, MC Soult, JN Collins, TJ Novosel, LJ Weireter, LD Britt. Basic Ultrasound Training Can Replace Chest Radiography for Safe Tube Thoracostomy Removal. Southeastern Surgical Congress. *The American Surgeon*. 2013;79(11):1145
5. **KS Lavingia**, RE Redlinger, Jr., NR Udgiri, SS Ahanchi, JM Panneton. Thoracic Endovascular Aortic Repair for Intramural Hematoma: Safe and Effective Treatment Promoting Aortic Remodeling. *Journal of Vascular Surgery*. 2013;58:1740

BOOK CHAPTERS

1. **Lavingia KS**, Lee JT. Chapter 52-54: Amputation of the Lower Extremity: Toes, Foot, Ankle. In: Chung K, eds. *Operative Techniques in Plastic Surgery*. 1st Edition. Lippincott Williams & Wilkins. 2018
2. Gaston B, **Lavingia KS**. Chapter 3: Operative Steps and Techniques for Above Knee and Below Knee Amputations. In Dua, A, eds. *Comprehensive Guide to Lower Extremity Amputations*. 1st Edition. Nova Science Publishers, 2020

PUBLICATIONS

1. Setia K, Otoya D, Boyd S, Fong K, Amendola M, **Lavingia K**. Socioeconomic Status Based on Area Deprivation Index Does Not Affect Postoperative Outcomes in Patients Undergoing Endovascular Aortic Aneurysm Repair in the VA Healthcare System. *Ann Vasc Surg*. 2024 Jul 25:S0890-5096(24)00475-8. doi: 10.1016/j.avsg.2024.06.038. Epub ahead of print. PMID: 39067846.

2. Hogan D, Otoyá D, **Lavingia K**, Amendola M. What is the MAUDE Database Telling us about 510(k) Authorization? Evaluation of Two Generations of Endovascular Arteriovenous Fistula Devices. *Ann Vasc Surg*. 2024 May 28;106:394-399. doi: 10.1016/j.avsg.2024.03.029. Epub ahead of print. PMID: 38815918.
3. Le Q, **Lavingia K**, Amendola M. The Performance of Large Language Models on Fictional Consult Queries Indicates Favorable Potential for AI-Assisted Vascular Surgery Consult Handling. *Journal Vascular Surgery: Vascular Insights*. 2024 Jan 3; published online. <https://doi.org/10.1016/j.jvsvi.2023.100052>.
4. Pitcher G, Dittman J, **Lavingia K**, Amendola M. Vascular Surgery Interest Groups Provide a Targeted Approach to Mentorship and Recruitment. *Journal Vascular Surgery: Vascular Insights*. 2023 Oct; 1(C)1-3. <https://doi.org/10.1016/j.jvsvi.2023.100026>
5. Suh D, Ma Y, Newton DH, Amendola MF, **Lavingia KS**. Carotid Artery Dissections from Transcarotid Artery Revascularization as Reported by the Food and Drug Administration. *Vascular* 2023. Aug(8) Ahead of Print PMID 37553285
6. Otoyá D, Lele S, Boyd S, Amendola MF, **Lavingia KS**. Diagnosis of Mental Illness Does not Affect Postoperative Outcomes in Patients Undergoing Endovascular Aortic Aneurysm Repair in the VA Healthcare System. *J Vasc Surg*. 2023. Nov;78(5):1221-1227 PMID 37399970
7. Lawley R, Kasitinon D, Sisk D, **Lavingia KS**, Lee JT, Fredericson M. Concurrent Diagnosis of Functional Popliteal Artery Entrapment Syndrome and Chronic Exertional Compartment Syndrome in Adults. *Curr Sports Med Rep* 2022. Oct1;21(10):366-370 PMID 36205428
8. Ma Y, Dittman J, **Lavingia K**, Amendola M. A Comparison of Patient and Device Issues Reported for Recalled Venous Stent Systems *Annals of Vascular Surgery*. *Ann Vasc Surg* 2022. Aug 30;S0890-5096(22)00483-6. PMID: 36055459
9. Dittman J, Amendola M, **Lavingia K**. Medical Optimization of the Peripheral Artery Disease Patient. *Semin Vasc Surg*. 2022 Jun;35(2):113-123. doi: 10.1053/j.semvascsurg.2022.04.003. Epub 2022 Apr 12. PMID: 35672101
10. Otoyá D, Simmonds A, **Lavingia K**, Amendola M. Central Line Access for Hemodialysis Adversely Affects Ipsilateral Arteriovenous Graft Outcomes. *Ann Vasc Surg* 2022 May 14;S0890-5096(22)00229-1. doi: 10.1016/j.avsg.2022.04.043. Online ahead of print. PMID: 35577272
11. Simmonds A, Otoyá D, **Lavingia K**, Amendola M. Assessing Resident Impact on Surgical Outcomes in Below Knee Amputations Based on Operative Anatomy. *Ann Vasc Surg* 2022. Apr 23;S0890-5096(22)00215-1. doi: 10.1016/j.avsg.2022.04.032. Online ahead of print. PMID: 35472501
12. Dittman J, **Lavingia K**, Larson R. Elevated Risk Analysis Index (RAI) Frailty Scores are Independently Associated with Adverse Outcomes in Lower Extremity Surgical

Revascularizations Similarly Across Genders. *Ann Vasc Surg.* 2022 Apr 21;S0890-5096(22)00188-1. doi: 10.1016/j.avsg.2022.04.004. Online ahead of print. PMID: 35460856

13. Tse W, **Lavingia K**, Amendola M. Using The Risk Analysis Index to Assess Frailty in a Veteran Cohort Undergoing Endovascular Aortic Aneurysm Repair. *J Vasc Surg.* 2022 May;75(5):1591-1597.e1. doi: 10.1016/j.jvs.2021.10.049. Epub 2021 Nov 15. PMID: 34793920
14. Boyd S, Dittman J, Tse W, **Lavingia K**, Amendola M. Modern Lower Extremity Bypass Outcomes by Anesthesia Type in the Veteran Population. *Ann Vasc Surg.* 2022 Mar;80:187-195. doi: 10.1016/j.avsg.2021.08.028. Epub 2021 Oct 18. PMID: 34673178.
15. Otoy D, **Lavingia K**, Amendola M. (2021) Gender Trends of Authors Presenting at a Regional Vascular Surgery Meeting: Are We Missing a Unique Opportunity to Mentor? *Journal of Vascular Surgery.* *J Vasc Surg.* Jul 26;S0741-5214(21)01697-9. doi: 10.1016/j.jvs.2021.07.129. PMID: 34324973.
16. Boyd S, Tse W, **Lavingia K**, Amendola M. (2021) Frailty Measurement and Implications for Cerebrovascular Disease Management in a Veteran Based Population. *Ann Vasc Surg.* May 15;S0890-5096(21)00379-4. doi: 10.1016/j.avsg.2021.04.026. PMID: 34004323.
17. Tse W, Dittman JM, **Lavingia K**, Wolfe L, Amendola M. (2021) Frailty Index associated with postoperative complications and mortality after lower extremity amputation in a national veteran cohort. *J Vasc Surg.* Mar 5;. doi: 10.1016/j.jvs.2021.02.039. PubMed PMID: 33684477.
18. Suh D, Young Y, **Lavingia K**, Amendola M. (2021) Analysis of Twitter Activity from Annual Meetings of the Society of Vascular Surgery and the Society of Interventional Radiology. *Annals of Vascular Surgery.* *Ann Vasc Surg;* 000: 1–7. doi: 10.1016/j.avsg.2021.03.011. PMID: 33831529.
19. **KS Lavingia**, K Tran, A Dua, N Itoga, M Mell, V Chandra. Multi-vessel Tibial Revascularization does not Improve Outcomes in Patients with Critical Limb Ischemia. *J Vasc Surg.* 71(6):2083-88; June 2020
20. Ho V, George E, Dua A, **Lavingia K**, Sgroi M, Dake M, Lee J. Early Real-World Experience with Endoanchors by Indication. *Ann Vasc Surgery.* 62(3):30-34; Jan 2020
21. **KS Lavingia**, A Dua, M Freidrecson, JT Lee. Surgical Management of Functional Popliteal Entrapment Syndrome in Athletes. *J Vasc Surg.* 70(5):1555-62; Nov 2019
22. Dua A, **Lavingia K**, Dake M, Lee J. Early Experience with the Octopus Endovascular Strategy in the Management of Thoracoabdominal Aneurysms. *Ann Vasc Surgery.* 61(3):350-55; Nov 2019

23. A Dua, K Rothenberg, **K Lavingia**, E Sorial, M Garcia-toca. Long-term Durability of Oakes Salvage procedure to Preserve Brescia-Cimino Arteriovenous Fistula. *J Vasc Surg.* 2019 Mar 2. pii: S0741-5214(19)30176-4.
24. **KS Lavingia**, Redlinger RE, Parent, FN. Remote Endarterectomy: Innovative Dual Incision Technique as Viable Treatment Option for Superficial Femoral Artery Occlusion. (In Review)
25. Ho V, Dua A, **Lavingia KS**, Rothenberg K, Rao C, Desai SS. Thrombolysis for Venous Thromboembolism During Pregnancy: A Literature Review. *Vasc Endovascular Surg. Vasc Endovascular Surg.* 2018 Jan 1:1538574418777822
26. **KS Lavingia**, A Dua, JR Stern. Upper Extremity Access Options for Complex Endovascular Aortic Interventions. *J Cardiovasc Surg.* 59(3):360-367 2018 Jun
27. Dua A, Rothenberg KA, **Lavingia KS**, Ho VT, Rao C, Desai SS. Outcomes of Gracilis Muscle Flaps in the Management of Groin Complications after Arterial Bypass with Prosthetic Graft. *Ann Vasc Surg.* 51(3):113-18; Aug 2018
28. CP Ammar, S Larion, SS Ahanchi, **KS Lavingia**, DJ Dexter, JM Panneton. Anatomic severity grading score for primary descending thoracic aneurysms predicts procedural difficulty and aortic-related reinterventions after thoracic endovascular aortic repair. *Journal of Vascular Surgery.* 64(4):912-920 2016 Nov
29. WB Best, SS Ahanchi, **KS Lavingia**, CP Ammar, S Larion, JM Panneton. Abdominal aortic aneurysm anatomic severity grading score predicts implant-related complications, systemic complications, and mortality. *Journal of Vascular Surgery.* 63(3):577-584; 2015 Nov
30. **KS Lavingia**, S Larion, SS Ahanchi, CP Ammar, M Bhasin, AK Mirza, DJ Dexter, JM Panneton. Volumetric Analysis of the Initial Index Computed Tomography Scan Can Predict the Natural History of Acute Uncomplicated Type B Dissections. *Journal of Vascular Surgery.* 62(4):893-9 2015 Oct
31. **KS Lavingia**, JN Collins, MC Soult, WH Terzian, LJ Weireter, LD Britt. Torso Computed Tomography (CT) Can Be Bypassed After Thorough Trauma Bay Examination Of Patients Who Fall From Standing. *The American Surgeon.* 81(8):798-801, 2015 Aug
32. **KS Lavingia**, SS Ahanchi, RE Redlinger, Jr., NR Udgiri, JM Panneton. Aortic remodeling after thoracic endovascular aortic repair for intramural hematoma. *Journal of Vascular Surgery.* 60(4):929-35; 2014 Oct
33. **KS Lavingia**, MC Soult, JN Collins, TJ Novosel, LJ Weireter, LD Britt. Basic Ultrasound Training Can Replace Chest Radiography for Safe Tube Thoracostomy Removal. *The American Surgeon.* 80(8):783-786; 2014 Aug

UNDERGRADUATE MEDICAL EDUCATIONAL ACTIVITIES

1. VCU Vascular Surgery Interest Group Lecture Series: What is Vascular Surgery? Introduction and Research Projects. Virginia Commonwealth University School of Medicine, Richmond, Virginia; September 5, 2018.
2. VCU Vascular Surgery Interest Group Lecture Series: Vascular Surgery Interest Group? Virginia Commonwealth University School of Medicine, Richmond, Virginia; October 5, 2017.
3. VCU Vascular Surgery Interest Group Lecture Series: What is Vascular Surgery? Virginia Commonwealth University School of Medicine, Richmond, Virginia; August 16, 2016.
4. First Year Medical Student Lecture: Principles of Peripheral Arterial Disease, Virginia Commonwealth University School of Medicine, Richmond, Virginia; 2020.
5. First Year Medical Student Lecture: Introduction to Aortic Dissections, Virginia Commonwealth University School of Medicine, Richmond, Virginia; 2020.

GRADUATE MEDICAL EDUCATIONAL ACTIVITIES

1. Moderator: Vascular Surgery Board Examination Review for Upper Level Residents, Virginia Commonwealth University Health System, Richmond Virginia; 2021.
2. Moderator: Surgery Intern “Boot Camp”: Introduction to VA Medical Center Operating Room, Virginia Commonwealth University Health System, Richmond Virginia; June 26, 2018.
3. Moderator: Vascular Surgery Board Examination Review for Upper Level Residents, Virginia Commonwealth University Health System, Richmond Virginia; 2020.
4. Moderator: Vascular Surgery Board Examination Review for Upper Level Residents, Virginia Commonwealth University Health System, Richmond Virginia; 2019.
5. Moderator: Surgery Resident Educational Series: Basics of Cerebrovascular Disease, Virginia Commonwealth University Health System, Richmond Virginia; 2019.

VASCULAR FELLOWSHIP EDUCATIONAL ACTIVITIES

1. Organized: Endovascular Aortic Aneurysm Simulation Workshop, Virginia Commonwealth University Health System, Richmond Virginia; March, 2022.

2. Moderator and Director: Vascular Surgery & Interventional Radiology Interdisciplinary Basic Science Conference, Virginia Commonwealth University Health System, Richmond Virginia; August 2013 to June 2014.
3. Moderator and Director: Vascular Surgery & Interventional Radiology Interdisciplinary Basic Science Conference, Virginia Commonwealth University Health System, Richmond Virginia; August 2012 to June 2013.
4. Moderator and Director: Vascular Surgery & Interventional Radiology Interdisciplinary Basic Science Conference, Virginia Commonwealth University Health System, Richmond Virginia; August 2011 to June 2012.

TEACHING LECTURES IN RESIDENCY

1. *Surgical Wards- What to Expect?* Physician's Assistant Student Lecture- Eastern Virginia Medical School, Norfolk, VA.
2. *Surgical Clerkship Orientation- Welcome to the Surgery Wards.* Third Year Medical Student Surgical Clerkship Lecture- Eastern Virginia Medical School, Norfolk, VA.
3. *Upper and Lower Gastrointestinal Bleeding.* Third Year Medical Student Surgical Clerkship Lecture- Eastern Virginia Medical School, Norfolk, VA.
4. *The Match: Do's and Don't's.* Third and Fourth Year Medical Student Lecture- Eastern Virginia Medical School, Norfolk, VA.

INVITED FACULTY

1. Pacific Northwest Endovascular Conference (PNEC) - 2020, 2021, 2022,2024
2. Center for Vascular Awareness VAST³ – 2021,2022

PROFESSIONAL DEVELOPMENT

1. Houston Methodist Open Aortic Course – 11/18
2. Silk Road TCAR Hands on Course – 7/18
3. Medtronic EVAR Challenges and Complications Course – 12/17
4. Society of Clinical Vascular Society (SCVS) Fellows Program – 3/18
5. Cardiovascular Fellows DeBakey Vascular Bootcamp – 8/17
6. Society of Clinical Vascular Society (SCVS) Incoming Fellows Program – 3/16