**Curriculum Vitae**

Areck A. Ucuzian, MD, PhD, FSVS, RPVI

Assistant Professor, Department of Surgery, Division of Vascular Surgery

University of Maryland School of Medicine

**Date** 2/22/2020

**Contact Information**

Work Address: 22 South Greene St, S10B00, Baltimore, MD 21201

Work Phone Number: 410-328-5840

Fax Number: 410-328-0717

Cell Phone Number: 312-282-5133

Email: aucuzian@som.umaryland.edu

Foreign Languages : Working Knowledge, Armenian

**Education**

1996-2000 B.A. Cell/Molecular Biology, Cornell University, Arts and Sciences; Ithaca, NY

2000-2004 M.D., Tufts University School of Medicine, Boston, MA

2007-2012 PhD, Cell Biology, Neurobiology, and Anatomy, Loyola University Chicago, Maywood, IL

**Post-Graduate Education and Training**

2004-2013 Residency, General Surgery, Loyola University Medical Center, Maywood, IL

2006-2010 Trauma and Burn Research Postdoctoral Fellowship, Burn and Shock Trauma Institute, Loyola University Stritch School of Medicine, Maywood, IL

2013-2015 Fellowship, Vascular Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

**Certifications**

2015 Registered Physician in Vascular Interpretation, Alliance for Physician Certification & Advancement

2016 Vascular Surgery, American Board of Surgery

**Medical Licensures**

2007 Inactive, Illinois

2015 Active, Maryland

**Employment History**

Academic Appointments

2015- Present Assistant Professor, Vascular Surgery, University of Maryland School of Medicine

2015- Present Assistant Professor, Center for Vascular and Inflammatory Diseases, University of Maryland School of Medicine

Other employment

2000 Teaching Assistant, Biochemistry; Cornell University; Ithaca, NY

2001 Tutor, Clinical Anatomy & Physiology, Tufts University School of Medicine, Boston, MA

2004 Facilitator, Problem Based Learning; Tufts University School of Medicine, Boston, MA

2008 Teaching Assistant, Histology, Loyola University Stritch School of Medicine, Maywood, IL

2009-2010 CT Surgery House Staff Director; Good Samaritan Hospital, Downer’s Grove, IL

2015-Present Staff Surgeon, Vascular Service, Baltimore Veteran’s Administration Hospital, Baltimore, MD

2019-Present Peer Reviewer, Allmed Healthcare Management

**Professional Society Memberships**

2004-2013 Member, American College of Surgeons Candidate Group

2007-2008 Member, North American Vascular Biology Organization Trainee Group

2008-2009 Candidate Member, Peripheral Vascular Surgery Society

2017-Current Early Career Member, American Heart Association, PVD Council

2017-Current Member, Eastern Vascular Society

2018-Current Member; Fellow of the Society for Vascular Surgery, Society for Vascular Surgery

2018-Current Member, Vascular and Endovascular Surgery Society

2018-2019 Physician Member – National, American Venous Forum

2018-Current Member, Associate Fellow, American College of Surgeons

2018-Current Member, Association of VA Surgeons

**Honors and Awards**

2000 Graduated With Distinction in All Subjects; Cornell University, College of Arts

 and Sciences

2000 Dean’s List; Cornell University, Fall ’96, Spring ’97, Fall ’98, Spring ‘99

2001 Harold Williams, M.D. Medical Student Research Fellowship, Tufts - New

 England Medical Center, Department of Infectious Disease

2004 Alpha Omega Alpha Medical Honor Society, Tufts University School of

 Medicine

2007 Best Basic Science Paper Presentation, 31st Annual Meeting of the Association of

 VA Surgeons, Little Rock, AR

2008, 2009 Recipient, Society for Vascular Surgery Vascular Annual Meeting Scholarship

2011 Recipient, Magis Star Award For Outstanding Service/Care, Loyola University

 Medical Center

2017 Recipient, Robert W. Hobson, II, MD Early Career Investigator Award, Council of Peripheral Vascular Disease, American Heart Association

**Clinical Activities**

2015-Present Vascular Surgeon

* University of Maryland School of Medicine and Baltimore VA Medical Center
* Clinical Expertise in carotid disease, aortic disease, limb preservation, peripheral arterial disease, dialysis access, and venous disease

2015-2018 Co-founder and Co-director of Limb Preservation Clinic, University of Maryland School of Medicine

**Administrative Service**

Institutional Service

2016-Present Director of Vascular Program, Cardiac Catheterization Lab, Baltimore VA Medical Center. Initiated and oversee endovascular approximately 100 endovascular procedures in the cardiac catheterization lab.

2018-Present Radiation Safety Committee, Baltimore VA Medical Center

2019-Present Medical Director, Vascular Lab, Baltimore VA Medical Center

2019-Present University of Maryland School of Medicine Council

2019-Present Pain Committee, Baltimore VA Medical Center

Local and National Service

2016 Discussant, American College of Surgeons Clinical Congress, Washington, DC.

2017 Discussant, Vascular and Endovascular Surgery Society Spring Meeting, San Diego, CA.

2017 Discussant, American College of Surgeons Clinical Congress, Boston, MA.

2017-2019 Member - Ad Hoc Research Committee, Eastern Vascular Society

2017-Present Distinguished Peer Reviewer, Key Reviewer,Journal of Vascular Surgery (20-30/year)

2018-Present Member, VA Vascular Surgeons Committee, Society for Vascular Surgery

2018-Present Member, Basic and Translational Research Committee, Society for Vascular Surgery

2018-Present Member, Research Committee, Eastern Vascular Society

2018-Present Ad Hoc Peer Reviewer, Vascular and Endovascular Surgery (3-5/year)

2018-2019 Eastern Vascular Society Research Seed Grant Reviewer

2018-Present Vascular Research Initiatives Conference Abstract Reviewer

2018-Present Vascular Research Initiatives Conference Program Planner

2018-Present Society for Vascular Surgery Foundation Vascular Research Initiatives Conference Trainee Awards Reviewer

2018-Present Society for Vascular Surgery Foundation Resident Research Award Reviewer

2018-Present Society for Vascular Surgery Foundation Student Research Fellowship Reviewer

2018-Present Society for Vascular Surgery Foundation E.J. Wylie Travel Fellowship Reviewer

2018 Co-Moderator, American College of Surgeons Clinical Congress, Boston, MA, SF 321 Vascular Surgery IV Sessions.

2019 Item Writer, Vascular Education and Self-Assessment Program 5

2019 Co-Moderator, Vascular Research Initiatives Conference, Boston, MA, Abstract Session 1: Vascular Remodeling, Thrombosis, and Discovery Science for Venous Disease.

2019-Present Ad Hoc Peer Reviewer, Vascular (5-10/year)

2019-Present Ad Hoc Peer Reviewer, JVS-Vascular Science (3-5/year)

2019-Present Ad Hoc Peer Reviewer, Experimental Physiology (1-2/year)

2021-Present Co-Guest Editor, JOVE Methods Collections, Aortic Imaging

**Teaching Service**

2015-Present Attending Physician In-patient Service, Baltimore VA Medical Center, 2 interns, 1 fellow, 8hours/day, 12 months/year. Duties include attending rounds, clinics, and operating room and catheterization lab supervision.

2017-2019 Mentor, Brittany Aicher, University of Maryland School of Medicine. Along with Dr. Dudley Strickland, I mentored Dr. Aicher’s two basic science research years during her general surgery residency. I advised her on project conception, experimental design, data analysis, data presentation, and grant writing.

2017-2019 Surgical resident orientation, Baltimore VA Medical Center. Provide orientation to service and educational expectations and administrative responsibilities on a monthly basis to incoming residents on surgical services.

6/2018 Medical Student Mentor, Vascular Annual Meeting.

11/2019 Presentation Judge, 42nd Annual UMSOM Medical Student Research Day

11/2020 Presentation Judge, 43rd Annual UMSOM Medical Student Research Day

6/2020 Vascular & Endovascular Surgery Society Mentor. Provided mentorship to Dr. Devin Zarkowsky, University of Colorado on early career development as surgeon-scientist.

6/2020 Faculty Participant “Table Host.” Mid-Summer Research Retreat, University of Maryland School of Medicine.

2020-2022 Mentor, Jackie Zhang, University of Maryland School of Medicine. Along with Dr. Dudley Strickland, I mentored Dr. Zhang’s two basic science research years during her general surgery residency. I advised her on project conception, experimental design, data analysis, data presentation, and grant writing.

**Grant Support**

Active Grants

12/10/2019- PI (75% Effort)

11/30/2024 “Mechanisms of aortopathy in LRP1 deficiency.”

NIH 1K08HL146893-01A1

Annual Direct Costs: $151,099.97

Total Direct Costs: $755,499.85

Total Indirect Costs: $60,042.56

05/05/2018-Present Site PI

“Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia”

NERI

Total Direct Costs: $169,443.00

Total Indirect Costs: $50,833.00

06/01/2020- PI (75% Effort)

05/31/2025 “Mechanisms of aortopathy in LRP1 deficiency.”

2020 SVS Foundation/American College of Surgeons Mentored Clinical Scientist Research Career Development Award

Annual Direct Costs: $50,000

Total Direct Costs: $250,000

Total Indirect Costs: $0

Completed Grants

07/08 - 06/10 PI (100% Effort)

“Mediators of Vascular Cell Interactions in a Tissue

Engineered Blood Vessel.”

American Heart Association, AHA Award 0815674G

Greater Midwest Affiliate Predoctoral Fellowship

Annual Direct Costs: $26,000

Total Direct Costs: $52,000

Total Indirect Costs: $0

**Publications**

Peer-reviewed journal articles

1. Poutsiaka DD, Price LL, **Ucuzian AA**, Chan GW, Miller KB, Snydman DR. “Blood Stream Infection After Hematopoietic Stem Cell Transplantation is Associated with Increased Mortality.” *Bone Marrow Transplant.* 2007 Jul; 40(1): 63-70.
2. Pang Y, **Ucuzian AA**, Matsumura A, Brey EM, Gassman AA, Husak VA, Greisler HP. “The Temporal and Spatial Dynamics of Microscale Collagen Scaffold Remodeling by Smooth Muscle Cells.” *Biomaterials*. 2009 Apr; 30(11): 2023-2031.
3. Pang Y, Wang X, **Ucuzian AA**, Brey EM, Burgess WH, Jones KJ, Alexander TD, Greisler HP. “Local Delivery of a Collagen-binding FGF-1 Chimera to Smooth Muscle Cells in Collagen Scaffolds for Vascular Tissue Engineering.” *Biomaterials*. 2010 Feb; 31(5): 878-885.
4. **Ucuzian AA**, Brewster LP, East AT, Pang Y, Gassman AA, Greisler HP. “Characterization of the Chemotactic and Mitogenic Response of SMCs to PDGF-BB and FGF-2 in Fibrin Hydrogels.” *J Biomed Mater Res A*. 2010 Sep; 94(3): 988-996.
5. Brewster LP, **Ucuzian AA,** Brey EM, Liwanag M, Samarel AM, Greisler HP. “FRNK Overexpression Limits the Depth and Frequency Of Vascular Smooth Muscle Cell Invasion in a Three-Dimensional Fibrin Matrix.” *J Cell* *Physiol.* 2010 Nov; 225(2): 562-568.
6. Gassman AA, Kuprys T, **Ucuzian AA**, Brey E, Matsumura A, Pang Y, Larson J, Greisler HP. “Three Dimensional 10% Cyclic Strain Reduces Bovine Aortic Endothelial Cell Angiogenic Sprout Length and Augments Tubulogenesis in Tubular Fibrin Hydrogels.” *J Tissue Eng Regen Med.* 2011 May; 5(5): 375-383.
7. **Ucuzian AA,** Bufalino DV, Pang Y, Greisler HP. “Angiogenic Endothelial Cell Invasion into Fibrin is Stimulated by Proliferating Smooth Muscle Cell.” *Microvascular Research.* Nov 22; 90:40-7. Epub 2013 Jul 22.
8. Aicher BO, Mukhopadhyay S, Lu X, Muratoglu SC, Strickland DK, **Ucuzian AA.** “Quantitative micro-CT analysis of aortopathy in a mouse model of β-aminoproprionitrile-induced aortic aneurysm and dissection.” *Journal of Visual Experimentation. 2018 Jul 16;(137).*
9. Farivar BS, Toursavadkohi S, Monahan TS, Sharma J, **Ucuzian AA**, Kundi R, Sarkar R, Lal BK. “Prospective study of cryopreserved placental tissue wound matrix in the management of chronic venous leg ulcers.” *J Vasc* *Surg Venous Lymphat Disord.* 2019 Jan 6.
10. Yu D, Gernapudi R, Drucker C, Sarkar R, **Ucuzian A**, Monahan TS. “The myristoylated alanine-rich C kinase substrate differentially regulates kinase interacting with stathmin in vascular smooth muscle and endothelial cells and potentiates intimal hyperplasia formation.” *J Vasc Surg*. 2019 Mar 28.[Epub ahead of print]
11. Sahajwani S, Orbay H, Santini R, **Ucuzian A**, Nagarsheth K. “Transpedal Laser Atherectomy via a Communicating Branch to Treat Tibial Artery Chronic Total Occlusions.” *The American Surgeon*. 2019 Sep 1;85(9):e436-8.
12. Farhat-Sabet A, Aicher BO, Tolaymat B, Coca-Soliz V, Nagarsheth KH, **Ucuzian AA**, Lubek JE, Toursavadkohi S. “An Alternative Approach to Carotid Endarterectomy in the High Carotid Bifurcation.” *Annals of vascular surgery.* 2020 May 1;65:240-6..
13. Farhat-Sabet AA, Tolaymat B, Voit A, Drucker CB, Santini-Dominguez R, **Ucuzian AA**, Toursavadkohi SA, Nagarsheth KH. “Successful Treatment of Acute Limb Ischemia Secondary to Iatrogenic Distal Embolization Using Catheter Directed Aspiration Thrombectomy.” *Frontiers in Surgery.* 2020;7.
14. Hosseini M, Sahajwani S, Zhang J, Toursavadkohi S, **Ucuzian AA**. Delayed stroke after hospitalization for COVID-19 pneumonia from common and internal carotid artery thrombosis. *Journal of Vascular Surgery Cases and Innovative Techniques*. 2020 Nov 10.
15. Aicher BO, Zhang J, Muratoglu S, Galisteo R, Arai AL, Gray VL, Lal BK, Strickland DK, Ucuzian AA. Moderate Aerobic Exercise Prevents Matrix Degradation and Death in a Mouse Model of Aortic Dissection and Aneurysm. *American Journal of Physiology-Heart and Circulatory Physiology*. 2021 Feb 26.

**Book Chapters**

1. **Ucuzian AA**, Greisler HP. Chapter 120. Long-Term Alterations in Large Caliber Arterial Prostheses Used for Aortic Replacement. Current Therapy in Vascular and Endovascular Surgery - 5th Edition. Philadelphia, Pennsylvania. Elsevier - Health Sciences Division.
2. **Ucuzian AA**, Greisler HP. (2011). Vascular Grafts. In P.Ducheyne, K.E.Healy, D.W.Hutmacher, D.W.Grainger, C.J.Kirkpatrick (Ed.), Comprehensive Biomaterials, vol. 6 (pp. 449-467). Oxford, United Kingdom. Elsevier.
3. **Ucuzian AA**, Greisler, HP. (2011). Biocompatibility of cardiovascular devices. In T.Gourlay, R.Black (Ed.), Biomaterials and devices for the circulatory system (pp. 54-85). Cambridge, United Kingdom. Woodhead Publishing.

**Abstracts**

1. **Ucuzian AA**, Brewster LP, Bufalino DV, Greisler HP. “Increased 3-Dimensional Fibrin matrix invasion of vascular smooth muscle cells without increased proliferation in response to simultaneous delivery PDGF-BB and FGF-2.” *The Journal of Tissue Engineering and Regenerative Medicine*. 3 May/June 2007; 1(3) 218-242.
2. **Ucuzian AA**, Bufalino DV, Greisler HP. “SMC Effects on Matrix Invasion by ECs in a 3-D Co-Culture Angiogenesis Model.” *Microcirculation*. June 2007; 14(4-5) 451.
3. **Ucuzian AA**. “The Proliferation and Invasion of SMCs Increases EC Sprout Formation and Persistence Within Fibrin Matrices.” *Cardiovascular Pathology.* July-August 2008; 17 (4) 263-269.
4. Gassman AA, Kuprys T, **Ucuzian AA**, Brey EM, Matsumura A, Pang A, Larsen J, Greisler HP. “Ten Percent Volumetric Cyclic Strain Reduces Bovine Aortic Endothelial Cell Sprout Length and Augments Tubulogenesis in Tubular Fibrin Hydrogels.” *Journal of Surgical Research*. February 2010; Volume 158, Issue 2, Pages 171-442.
5. Aicher BO, Muratoglu S, **Ucuzian AA**, Strickland D. PC224. Aerobic Exercise Attenuates Arterial Wall Remodeling in a Smooth Muscle Cell LRP1-Deficient Mouse Model. *Journal of Vascular Surgery*. 2019 Jun 1;69(6):e266.
6. **Ucuzian AA**, Muratoglu SC, Mukhopadhyay S, Sarkar R, Strickland DK. “Deletion of LRP1 in SMCs Differentially Alters Susceptibility of Distinct Vascular Beds to BAPN-induced Aneurysm and Dissection Formation.” *Arteriosclerosis, Thrombosis, and Vascular Biology.* May 2017; Volume 37, Issue Suppl 1:A108.
7. Aicher B, Galisteo R, Catania S, **Ucuzian A**, Strickland DK. “Role for Low-Density Lipoprotein Receptor- Related Protein 1 in Vessel Wall Homeostasis.” *Journal of the American College of Surgeons.* October 2018. 227(4):S295.
8. Aicher BO, Muratoglu SC, **Ucuzian AA**, Strickland DK. Aerobic Exercise Attenuates Arterial Wall Remodeling in a Smooth Muscle Cell LRP1-Deficient Mouse Model. Arteriosclerosis, Thrombosis, and Vascular Biology. 2019 May;39(Suppl\_1):A256-.
9. Aicher BO, Muratoglu SC, Galisteo R, Arai A, Gray VL, Lal B, Strickland D, **Ucuzian AA**. “Moderate Aerobic Exercise Reduces Aortic Wall Remodeling, Aneurysm Formation, and Mortality in a Mouse Model of Beta-Aminopropionitrile-Induced Aortic Disease.” *Circulation*. 2019 Nov 19;140(Suppl\_1):A15785-.

**Other Brief Communications**

Reviews and Commentaries

1. Brewster LP, Bufalino DV, **Ucuzian AA**, Greisler HP. Growing A Living Blood Vessel: insights for the second hundred years. Biomaterials. 2007 Dec; 28(34): 5028-34.
2. **Ucuzian AA**, Greisler HP. In Vitro Models of Angiogenesis. World Journal of Surgery. 2007 Apr; 31(4): 654-63.
3. **Ucuzian AA**, Greisler HP. Commentary on “Synthetic vascular prosthesis impregnated with mesenchymal stem cells overexpressing endothelial nitric oxide synthase.” Perspectives in Vascular Surgery and Endovascular Therapy. 2007 Mar; 19(1): 96-7.
4. **Ucuzian AA**, Gassman AA, East AE, Greisler HP. Molecular mediators of angiogenesis. J Burn Care Res. 2010 Jan; 31(1): 158-175.

**Major Invited Speeches**

National

1. **Ucuzian AA**, Brewster LP, Bufalino DV, Greisler HP. "PDGF-BB and FGF-2 induced vascular SMC invasion of fibrin based hydrogels for tissue engineering- the relative role of proliferation.” *Association of VA Surgeons* *Annual Meeting*. Little Rock, Arkansas. May 2007.
2. **Ucuzian AA**, Bufalino DV, Greisler HP. “SMC Effects on Matrix Invasion by ECs in a 3-D Co-Culture Angiogenesis Model.” *World Congress for Microcirculation*. Milwaukee, Wisconsin. August 2007.
3. **Ucuzian AA**, Koshman Y, Brewster L, Samarel A, Greisler H. “Inhibition of FAK Autophosphorylation Attenuates Growth Factor Induced SMC Matrix Invasion Independent of Downstream FAK Phosphorylation.” *Biology of Cardiovascular Signaling Workshop, North American Vascular Biology Organization*. Hyannis, MA, September 2008.
4. Gassman AA, **Ucuzian AA**, Bufalino DV, Pang Y, Greisler HP. “A Novel Tissue Engineered Blood Vessel Bioreactor and Hemodynamic Pressure Profiles for Canine Femoral Arteries and Silicone Tubes.” *Tissue* *Engineering and Regenerative Medicine International Society* – North America. La Jolla, CA. December 2008.
5. Pang Y, **Ucuzian AA**, Matsumura A , Brey EB, Gassman AA, Greisler HP. “Extended view and quantification of collagen scaffold remodeling by smooth muscle cells.” *Tissue Engineering and Regenerative Medicine* *International Society* – North America. La Jolla, CA. December 2008.
6. **Ucuzian AA**, Pang Y, Matsumura A, Greisler HP. “The role of Notch signaling in EC Akt and Erk phosphorylation in response to SMC-released factors.” *International Society for Applied Cardiovascular Biology* *Biennial Meeting.* Cambridge, MA. September 2010.
7. **Ucuzian AA**, Muratoglu SC, Mukhopadhyay S, Sarkar R, Strickland DK. “Deletion of LRP1 in SMCs Differentially Alters Susceptibility of Distinct Vascular Beds to BAPN-induced Aneurysm and Dissection Formation.” *Poster Presentation; ATVB/PVD Scientific Sessions.* Minneapolis, MN. May 2017.
8. **Ucuzian AA**, Muratoglu SC, Mukhopadhyay S, Sarkar R, Strickland DK. “Deletion of LRP1 in SMCs Differentially Alters Susceptibility of Distinct Vascular Beds to BAPN-induced Aneurysm and Dissection Formation.” *Oral Presentation; Vascular Research Initiatives Conference.* Minneapolis, MN. May 2017.
9. Aicher BO, Hampton B, **Ucuzian AA**, Catania SM, Strickland DK. “Mesenteric Vasculopathy in LRP1 Deficient Mice.” *Poster Presentation; Plasminogen Activation and Extracellular Proteolysis, Gordon Research* *Conference.* Ventura, CA. Feb 2018.
10. Aicher BO, Hampton B, Migliorini M, Galisteo R, Muratoglu SC, **Ucuzian AA**, Strickland DK. “A Role for Low-Density Lipoprotein (LDL) Receptor-Related Protein 1 (LRP1) in Vessel Wall Homeostasis.” *Oral* *presentation; Scientific Forum program at the American College of Surgeons Clinical Congress.* Boston, MA. Oct 2018.
11. Sahajwani S, **Ucuzian A**, Nagarsheth K. “Pedal access and retrograde revascularization of tibial artery chronic total occlusions to aid in limb salvage.” Quickshot Oral Presentation. *Southeastern Surgical Congress 87th* *Annual Scientific Meeting.* Charlotte, NC. February 2019.
12. Aicher BO, Muratoglu S, **Ucuzian AA**, Strickland D. PC224. “Aerobic Exercise Attenuates Arterial Wall Remodeling in a Smooth Muscle Cell LRP1-Deficient Mouse Model.” Poster Presentation. *Vascular Research* *Initiatives Conference.* Boston, MA. May 2019.
13. Aicher BO, Muratoglu S, **Ucuzian AA**, Strickland D. PC224. “Aerobic Exercise Attenuates Arterial Wall Remodeling in a Smooth Muscle Cell LRP1-Deficient Mouse Model. Poster presentation.” *Vascular Discovery:* *From Genes to Medicine 2019 Scientific Sessions.* Boston, MA. May 2019.
14. Aicher BO, Muratoglu S, **Ucuzian AA**, Strickland D. PC224. “Aerobic Exercise Attenuates Arterial Wall Remodeling in a Smooth Muscle Cell LRP1-Deficient Mouse Model.” Poster presentation. *Vascular Annual* *Meeting 2019*. Washington DC. June 2019.
15. Aicher BO, Muratoglu SC, Galisteo R, Arai A, Gray VL, Lal BK, Strickland DK, **Ucuzian AA**. “[Moderate Aerobic Exercise Reduces Aortic Wall Remodeling, Aneurysm Formation, and Mortality in a Mouse Model of Beta-Aminopropionitrile-Induced Aortic Disease](https://www.abstractsonline.com/pp8/#!/7891/presentation/29401).” Poster Presentation. *American Heart Association Scientific Sessions 2019.*; Philadelphia, PA. November 2019.

International

1. Poutsiaka DD, Price LL, **Ucuzian AA**, Chan GW, Miller KB, Snydman DR. “Blood Stream Infection after Hematopoietic Stem Cell Transplantation is Associated with Increased Mortality.” 44th annual meeting of Infectious Disease Society of America. October 2006 – Toronto.
2. **Ucuzian AA**, Brewster LP, Bufalino DV, Greisler HP. “Increased 3-Dimensional Fibrin matrix invasion of vascular smooth muscle cells without increased proliferation in response to simultaneous delivery PDGF-BB and FGF-2.” The North American Vascular Biology Organization - Vascular Matrix Biology and Bioengineering Workshop. Whistler, BC. March 2007.
3. **Ucuzian AA**, Bufalino D, Greisler H. “The proliferation and invasion of SMCs increases EC sprout formation and persistence within fibrin matrices.” International Society for Applied Cardiovascular Biology Biennial Meeting. September 2008 – Bordeaux, France.
4. Brewster L, **Ucuzian AA**, Brey E, Gassman A, Samarel A, Greisler H. “Three Dimensional Modeling of Pathologic Vascular Smooth Muscle Cell Behavior: the Role of Focal Adhesion Kinase.” International Society for Applied Cardiovascular Biology Biennial Meeting. September 2008 – Bordeaux, France.
5. Strickland DK, Muratoglu SC, Hampton B, **Ucuzian AA**, Fondrie W, Migliorini M. “Role of LRP1 in regulating the vascular matrix.” *Oral Presentation; Spring Meeting of the British Society for Matrix Biology.* Oxford, UK. April 2017.

**Proffered Communications:**

1. **Ucuzian AA,** Hager E, Marone L, Chaer R, Leers S, Makaroun M, Singh MJ. “Outcome of Secondary Aortic Endovascular Interventions for Type Ia Endoleaks following EVAR.” *Poster Presentation; Society for Clinical* *Vascular Surgery, 43rd Annual Meeting;* Miami, Fl. March 2015.