

## **CURRICULUM VITAE**

**Afshin Ehsan, MD, MBA,  
FACS, FACC, FAHA**

**DATE PREPARED:** August 8, 2024

**EXPERTISE:** Adult Cardiac Surgery

**WORK ADDRESS:** Rhode Island Hospital  
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Providence, RI 02905

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## **EDUCATION**

- Undergraduate:** University of California, Los Angeles, Los Angeles, CA  
Bachelor of Science (BS), Biology, 1990
- Medical School:** Keck School of Medicine of USC  
University of Southern California, Los Angeles, CA  
Doctor of Medicine (MD), 1994
- Graduate School:** The Heller School for Social Policy and Management  
Brandeis University, Waltham, MA  
Executive Masters in Business Administration (MBA), 2023

## **POSTGRADUATE TRAINING**

- Residency:** Intern, General Surgery  
University of California, San Diego, San Diego, CA  
July 1994 – June 1995  
Chairman: A.R. Moossa, MD
- Junior Resident, General Surgery  
University of California, San Diego, San Diego, CA  
July 1995 – June 1997  
Chairman: A.R. Moossa, MD
- Senior Resident, General Surgery  
University of California, San Diego, San Diego, CA  
July 2000 – June 2001  
Chairman: A.R. Moossa, MD
- Chief Resident, General Surgery  
University of California, San Diego, San Diego, CA  
July 2001 – June 2002  
Chairman: A.R. Moossa, MD
- Resident, Cardiothoracic Surgery  
Brigham and Women's Hospital & Harvard Medical School, Boston, MA  
July 2002 – June 2003  
Director: Lawrence Cohn, MD
- Senior Resident, Cardiac Surgery  
Children's Hospital Boston & Harvard Medical School, Boston, MA  
July 2003 – September 2003  
Director: Richard Jonas, MD

Chief Resident, Cardiac Surgery  
Children's Hospital Boston & Harvard Medical School, Boston, MA  
October 2003 – December 2003  
Director: Richard Jonas, MD

Chief Resident, Adult Cardiac Surgery  
Brigham and Women's Hospital & Harvard Medical School, Boston, MA  
January 2004 – June 2004  
Director: Lawrence Cohn, MD

**Fellowship:** Research Fellow, Cell and Gene Based Cardiovascular Therapy  
Brigham and Women's Hospital & Harvard Medical School, Boston, MA  
July 1997 – June 2000  
Director: Victor Dzau, MD

### **POSTGRADUATE HONORS AND AWARDS**

- 1991 Deans Scholar for Academic Excellence, USC School of Medicine
- 1993 Deans Scholar for Academic Excellence, USC School of Medicine
- 1993 Alpha Omega Alpha Medical Honors Society
- 2001 Runner-up, Best General Surgery Paper in, "The Best and Brightest: Current Research in Surgery", San Diego Chapter of the American College of Surgeons
- 2001 Runner-up, Best Over-all Paper in, "The Best and Brightest: Current Research in Surgery", San Diego Chapter of the American College of Surgeons
- 2001 Administrative/Executive Chief Resident
- 2001 AVENTIS Surgery Residents Scholarship
- 2001 San Diego Metropolitan's 40 under Forty Award
- 2002 UCSD Department of Surgery Chairman's Award for Excellence
- 2003 ACCF MRI/CT Travel Award
- 2007 Alley-Sheridan Scholarship to attend the Brandies Leadership Program in Health Policy and Management
- 2008 Notable Teaching Citation, Tufts University School of Medicine
- 2010 Nominee, Dr. Dwight C. McGoon Teaching Award, American Association for Thoracic Surgery

- 2018 Office of Medical Education Letter of Recognition, Warren Alpert Medical School of Brown University
- 2018 Honorable Mention, 17<sup>th</sup> Annual Barnet Fain Quality Award, Lifespan Health System
- 2019 Deans Excellence in Teaching Award, Warren Alpert Medical School of Brown University
- 2019 Best Oral Cardiac Presentation, 57<sup>th</sup> Annual Meeting of the Eastern Cardiothoracic Surgical Society
- 2020 Deans Excellence in Teaching Award, Warren Alpert Medical School of Brown University
- 2021 Best Oral Cardiac Poster, 59<sup>th</sup> Annual Meeting of the Eastern Cardiothoracic Surgical Society
- 2022 Deans Excellence in Teaching Award, Warren Alpert Medical School of Brown University
- 2023 Master of Arts, *ad eundem*, Brown University

## **PROFESSIONAL LICENSES AND CERTIFICATION**

### **Certifications**

- 1992 United States Medical Licensing Exam, Part I
- 1993 United States Medical Licensing Exam, Part II
- 1995 United States Medical Licensing Exam, Part III
- 2003 American Board of Surgery, Certified in the Specialty of Surgery (General Surgery), Certificate Number: 48379, Recertified, expiration 12/13/2024
- 2005 American Board of Thoracic Surgery, Certified in the Specialty of Thoracic Surgery, Certificate Number: 7050, Recertified, expiration 12/31/2025

### **Professional Licenses**

- Issued: 1996 Medical Board of California, Physician and Surgeon's License  
Valid Until: 5/31/2024
- Issued: 1997 Commonwealth of Massachusetts Board of Registration in Medicine  
Valid Until: 5/31/2024
- Issued 2012 Board of Medical Licensure and Discipline, Rhode Island  
Valid Until: 6/30/2024

## **ACADEMIC APPOINTMENTS**

### Tufts University School of Medicine, Boston, MA

2004-2011 Assistant Professor, Department of Surgery  
2009-2010 Associate Director, Cardiothoracic Surgery Residency Program  
2011-2012 Director, Cardiothoracic Surgery Residency Program  
2011-2012 Associate Professor, Department of Surgery

### The Warren Alpert Medical School of Brown University

2012-present Director, Cardiac Surgery Clerkship  
2012-present Co-Director, Cardiac Surgery Resident Education  
2012-2015 Assistant Professor of Surgery, Clinician Educator  
2015-2022 Associate Professor of Surgery, Clinician Educator  
2022-present Professor of Surgery, Teaching Scholar

## **HOSPITAL APPOINTMENTS**

### Tufts Medical Center, Boston, MA

2004-2011 Attending Physician, Division of Cardiothoracic Surgery  
2008-2012 Director, Cardiothoracic Surgery Intensive Care Unit  
2008-2011 Surgical Director, Heart Failure and Transplant Program

### Rhode Island Hospital

2012-present Attending Physician, Division of Cardiothoracic Surgery  
2012-2015 Director, Cardiothoracic Surgery Intensive Care Unit  
2015-2023 Director, Minimally Invasive Cardiac Surgery  
2017-present Ombudsman for Surgical Fellows  
2021-2022 Physician Administrative and Triage Officer of the Day  
2021-present Director of Quality, Lifespan Cardiovascular Institute

## **OTHER APPOINTMENTS**

MassDAC Data Adjudication Committee  
Massachusetts Department of Public Health January 2009 – July 2012

Ad Hoc Disease Transmission Advisory Committee, OPTN/UNOS  
July 2010 – June 2013

Atrial Fibrillation Management Options Evidence Review Group  
Institute for Clinical and Economic Review, 2010

Atrial Fibrillation Expert Stakeholder Advisory Group  
Center for Medical Technology Policy, 2010

Newsletter Subcommittee (Chairperson),  
Ad Hoc Disease Transmission Advisory Committee, OPTN/UNOS  
September 2011 – April 2012

Quality Improvement Coordinator, University Cardiovascular Surgical Associates  
Lifespan Physician Incentive Program, Providence, RI  
August 2012 – present

Scientific Advisory Board eXlthera Pharmaceuticals  
April 2019 – December 2020

Joint Review Committee on Education in Respiratory Care  
October 2021 – September 2024

#### Abstract Reviewer

2009, 2010, 2013-pres 2012	Society of Thoracic Surgeons Annual Meeting International Society of Heart and Lung Transplantation Annual Meeting
2014-present	American Heart Association Scientific Session
2020-present	European Association for Cardio-Thoracic Surgery Annual Meeting
2020-present	Academic Surgical Congress Annual Meeting
2021	International Society of Minimally Invasive Cardiothoracic Surgery
2023-present	Eastern Cardiothoracic Surgical Society

#### Ad Hoc Reviewer

2011	Journal of Interventional Cardiac Electrophysiology
2012-present	Journal of Thoracic and Cardiovascular Surgery
2016-present	Annals of Thoracic Surgery
2020-present	Surgery
2020-present	BMC Cardiovascular Disorders
2020-present	Frontiers in Cardiovascular Medicine
2021-present	International Journal of Surgery
2022-present	Journal of the American Heart Association
2022-present	European Journal of Cardio-thoracic Surgery
2023-present	Journal of Cardiothoracic Surgery
2023-present	Circulation

## HOSPITAL COMMITTEES

### Tufts Medical Center, Boston, MA

2004-2012	Cardiac Transplant Evaluation Committee
2006-2012	Surgical Care Improvement Project (SCIP) (Co-chairperson)
2008-2009	Cardiac Surgery Glucose Control Task Force (Co-chairperson)
2008-2012	Cardiac Surgery Performance Practice Improvement Committee (Chairperson)
2008-2012	Critical Care Committee
2008-2011	Cardiovascular Center, Operating Strategy Group Committee (Co-chairperson)
2009-2010	Care Improvement Council
2009-2010	Therapeutic Induced Mild Hypothermia Protocol Task Force
2009-2011	Cardiac Surgery Blood Utilization Task Force (Co-Chairperson)
2009-2012	Patient Satisfaction Committee, Physician Communication Subcommittee (Co-chairperson)
2010-2012	Web Strategy Input Committee
2011-2012	Graduate Medical Education Committee

### Rhode Island Hospital

2012-2014	ICU Collaborative Meeting
2013-present	UCSA Audit Committee
2016-2017	Cardiovascular Value Analysis Committee
2017-present	Cardiovascular Institute Quality Steering Committee (Co-Director)
2018-2010	Committee to Optimize Admissions and Transfers for Cardiac/Heart Surgery (COACH committee)
2020-2023	CVI Ambulatory Access and Referral Committee
2021-present	Mortality Review Committee
2021-present	Endocarditis Patient Review Committee (Chairperson)
2021-present	Surgical Clinical Practice & Safety Committee

### Lifespan, Providence, RI

2012	IS Planning Committee, Cardiovascular HER Work Group (Co-chairperson)
2012-2015	Cardiac Surgery Workgroup
2012-2016	CVI Operations Council
2014-2015	Search Committee, Director of Electrophysiology
2023-present	Lifespan Surgical Executive Committee

### The Miriam Hospital

2022-2024	Medical Executive Committee
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## **UNIVERSITY COMMITTEES**

### Tufts University School of Medicine, Boston, MA

2010-2012 Faculty Senate

### The Warren Alpert Medical School of Brown University

2015-present Department of Surgery Residency Program Evaluation Committee  
2022-2024 Student Conduct Board

## **MEMBERSHIP IN SOCIETIES**

1997-present Massachusetts Medical Society

1998-present Cardiothoracic Surgery Network

2004-2010 Heart Failure Society of America

2004-present American College of Surgeons  
2004-2012 Associate Fellow  
2012-present Fellow

2010-2012 American College of Surgeons, Massachusetts Chapter  
2010-2012 Young Surgeons Committee

2005-2012 International Society for Heart and Lung Transplantation

2005-present Society of Thoracic Surgeons  
2008-2011 Workforce on Practice Management, Task Force on Early Career  
Development  
2022-2025 Workforce on Health Policy, Reform, and Advocacy

2009-2012 Thoracic Surgery Directors Association  
2011 In-Training Exam Committee

2010-2014 Heart Valve Society of America

2011-present European Association for Cardiothoracic Surgery

2011-2014 Society of Heart Valve Disease

2011-2020 National Association for Healthcare Quality

2011-present Association for Academic Surgery  
2020-2022 Program Committee, Academic Surgical Congress



2013-present American Heart Association  
2013-2018 Member  
2015-2019 Membership & Communications Committee of the CVSA Council  
2018-present Fellow

2015-present The International Society for Minimally Invasive Cardiac Surgery  
2019-2022 Program Committee

2016-present American College of Cardiology, Fellow

2016-present American College of Cardiology, Rhode Island Chapter  
2016-2020 Council member

2016-present Heart Valve Society

2017-present Eastern Cardiothoracic Surgical Society  
2019-2022 Scholarship Committee  
2019-2023 Membership Committee  
2020-2021 Social Media Committee  
2022 Nominating Committee  
2022-2023 Justice, Equity, Diversity and Inclusion Committee  
2022-2024 Councilor-at-large  
2024-present Career Development Committee  
2024-present Pre-Program Planning Committee  
2024-present Finance Committee

2019-present American Association for Thoracic Surgery  
2021-present Information Technology Committee  
2021-2024 Resident Research Scholarship Sub-Committee

2020-present Society of University Surgeons  
2020-2022 Publications Committee  
2022 Nominating Committee  
2024-2026 Publications Committee

2022-present New England Surgical Society  
2022-present Committee on GME and Candidate Membership  
2023-present Finance Task Force  
2024-present Scholars Foundation Grant Reviewer

## **PUBLICATION LIST**

(h-index: 26)

### ***Original Publications in Peer-Reviewed Journals***

1. Costantini M, Crookes PF, Bremner RM, Hoeft SF, **Ehsan A**, Peters JH, Bremner CG and DeMeester TR. The value of physiological assessment of foregut symptoms in a surgical practice. *Surgery*. 1993;114(4):780-7.
2. Clark GWB, Peters JH, Ireland AP, **Ehsan A**, Hagan JA, Kiyabu MT, Bremner CG, DeMeester TR. Nodal metastasis and site recurrence after enbloc esophagectomy for adenocarcinoma. *Annals of Thoracic Surgery*. 1994;58(3):646-53.
3. Ortega A, Peters JH, Incarbone R, Estrada L, **Ehsan A**, Kwan Y, Spencer CJ, Moore-Jeffries E, Kuchta K, Nicoloff JT. A prospective randomized comparison of the metabolic and stress hormonal responses of laparoscopic and open cholecystectomy. *Journal of the American College of Surgeons*. 1996;183(3):249-256.
4. Mann MJ, Whittmore AD, Donaldson MC, Belkin M, Conte MS, Polak JF, Orav J, **Ehsan A**, Dell'Acqua G, Dzau VJ. Ex vivo gene therapy for human vascular bypass grafts with E2F decoy: the PREVENT single-centre, randomised, controlled trial. *Lancet*. 1999;354:1493-8.
5. **Ehsan A**, Mann MJ, Dell'Acqua G, Dzau VJ. Long-term stabilization of vein graft wall architecture and prolonged resistance to experimental atherosclerosis after E2F decoy oligonucleotide gene therapy. *Journal of Thoracic and Cardiovascular Surgery*. 2001;121:714-22.
6. Melo LG, Agrawal R, Zhang L, Rezvani M, Mangi AA, **Ehsan A**, Griese DP, Del'Acqua G, Yet S-F, Layne MD, Perrela MA, Dzau VJ. Gene therapy strategy for long term myocardial protection: Intramyocardial delivery of heme oxygenase gene using adeno-associated virus. *Circulation*. 2002;105:602-7.
7. **Ehsan A**, Mann MJ, Dell'Acqua G, Braun-Dullaeus RC, Dzau VJ. Endothelial healing in vein grafts: Proliferative burst unimpaired by genetic therapy of neointimal disease. *Circulation*. 2002;105:1686-92.
8. Huber PE, Mann MJ, Melo LG, **Ehsan A**, Kong D, Zhang L, Rezvani M, Peschke P, Jolesz F, Dzau VJ, Hynynen K. Focused ultrasound induces localized enhancement of reporter gene expression in rabbit carotid artery. *Gene Therapy*. 2003;10:1600-7.
9. Griese DP, **Ehsan A**, Melo LG, Kong D, Zhang L, Mann MJ, Pratt RE, Mulligan RC, Dzau VJ. Isolation and transplantation of autologous circulating endothelial cells into balloon-injured vessels: Implications for cell-based vascular therapy. *Circulation*. 2003;108:2710-5.
10. Sharma S, **Ehsan A**, Couper GS, Shernan SK, Wholey RM, Aranki SF: Unrecognized left ventricular thrombus during reoperative coronary artery bypass grafting. *Annals of Thoracic Surgery*. 2004;78:e79-80.

11. Aranki SF, Shekar PS, **Ehsan A**, Byrne-Taft M, Couper GS. Clinical Efficacy of the Enclose Proximal Anastomosis Device in Coronary Artery Bypass Grafting. *Annals of Thoracic Surgery*. 2005;80:1091-5.
12. **Ehsan A**, Singh H, Vargas SO, Sachweh J, Jonas R: Neoaortic Aneurysm after Stage I Norwood Reconstruction. *Annals of Thoracic Surgery*. 2005;79:e23-25.
13. Shekar PS, **Ehsan A**, Gilfeather MS, Lekowski RW, Couper GS: Arterial Pressure Monitoring during Cardiopulmonary Bypass using Axillary Arterial Cannulation. *Journal of Cardiothoracic and Vascular Anesthesia*. 2005;19(5):665-6.
14. Backlund M, Pauku K, Daviet L, De Boer R, Kalkkinen N, Valo E, Hautaniemi S, **Ehsan A**, Kontula K, Lehtonen J. Posttranscriptional regulation of angiotensin II type 1 receptor expression by glyceraldehyde 3-phosphate dehydrogenase. *Nucleic Acid Research*. 2009;37(7):2346-58.
15. Jaffe IZ, Newfell BG, Aronovitz M, Perreault RE, McGraw AP, Carmeliet P, **Ehsan A**, Mendelsohn ME. Vascular Mineralocorticoid Receptors Mediate Aldosterone-Dependent Vascular Injury by Induction of Placental Growth Factor. *Journal of Clinical Investigation*. 2010;120:3891-900.
16. Newfell BG, Iyer LK, Mohammad NN, McGraw AP, **Ehsan A**, Rosano G, Huang PL, Mendelsohn ME, and Jaffe IZ. Aldosterone Regulates Vascular Gene Transcription via Oxidative Stress-Dependent And –Independent Pathways. *Arteriosclerosis Thrombosis and Vascular Biology*. 2011;31:1871-80.
17. **Ehsan A**, McGraw AP, Aronovitz M, Galayda C, Conte MS, Karas RH, Jaffe IZ. Mineralocorticoid Receptor Antagonism Prevents Vein Graft Neointimal Hyperplasia. *Journal of Thoracic and Cardiovascular Surgery*. 2013;145:1642-9.
18. Shuhaiber JH, Fava JL, Shin T, Dobrilovic N, **Ehsan A**, Bert A, Sellke F. The influence of seasons and lunar cycle on hospital outcomes following ascending aortic dissection repair. *Interactive Cardiovascular and Thoracic Surgery*. 2013;17:818-22.
19. Miller R, Covington S, Taranto S, Carrico R, Taylor K, Parker K, Comellas Lindower C, **Ehsan A**, Friedman B, Green M, Ison M, Kaul D, Kubak B, Lebovitz DJ, Lyon GM, Nalesnik MA, Pruett TL, Smith A, Teperman L, Tuttle-Newhall JE, Vasudev B, Blumberg E. Communication Gaps and Donor Derived Infections. *American Journal of Transplantation*. 2014;15:259-64.
20. Srour JF, Mazza JP, **Ehsan A**, Donaldson D, Levine D. Thrombus in Transit: A Link Between Pulmonary Embolism and Neurological Embolic Events. *The International Journal of Cardiology*. 2014;174:e47-49.
21. Liu Y, Xie A, Singh AK, **Ehsan A**, Choudhary G, Dudley S, Sellke FW, Feng J. Inactivation of Endothelial Small/Intermediate Conductance of Calcium-Activated Potassium Channels Contributes to Coronary Arteriolar Dysfunction in Diabetic Patients. *Journal of American Heart Association*. 2015;4:e002062.

22. Ollila T, Naeem S, Poppas A, McKendall G, **Ehsan A**. Embolization of Inferior Vena Cava Filter Tyne and Right Ventricular Perforation: A Cardiac Missile. *Annals of Thoracic Surgery*. 2016;102:e515-e516
23. Feng J, Liu Y, Singh AK, **Ehsan A**, Sellke N, Liang J, Sellke F. Effects of diabetes and cardiopulmonary bypass on expression of adherens junction proteins in human peripheral tissue. *Surgery*. 2017;161:823-829.
24. Feng J, Anderson K, Singh AK, **Ehsan A**, Mitchell H, Liu Y, Sellke F. Diabetes Upregulation of Cyclooxygenase 2 Contributes to Altered Coronary Reactivity After Cardiac Surgery. *Annals of Thoracic Surgery*. 2017;104:568-576.
25. Feng J, Anderson K, Liu Y, Singh AK, **Ehsan A**, Sellke FW. Cyclooxygenase-2 Contributes to Bradykinin-induced Microvascular Responses in Peripheral Arterioles after CPB. *Journal of Surgical Research*. 2017;218:246-252.
26. Sardar MR, Khan ZA, Abraham A, Saeed W, Kolte, D, Sharaf B, Gordon P, Sellke F, Sodha N, Aronow H, **Ehsan A**. Management Strategies and Possible Risk Factors for Ventricular Septal Defects after Transcatheter Aortic Valve Replacement: Case reports from a single center and review of literature. *Cardiovascular Revascularization Medicine*. 2017;18:462-470.
27. Sabe SA, Feng J, Liu Y, Schrimgeour LA, Potz BA, **Ehsan A**, Sellke FW. Decreased Contractile Response of Peripheral Arterioles to Serotonin After CPB in Diabetic Patients. *Surgery*. 2018;164:288-293
28. Liu Y, Cole V, Lawandy I, **Ehsan A**, Sellke FW, Feng J. Decreased Coronary Arteriolar Response to KCa Channel Opener after Cardioplegic Arrest in Diabetic Patients. *Molecular and Cellular Biochemistry*. 2018;445:187-194
29. Goldsweig AM, Kennedy KF, Kolte D, Abbott JD, Gordon PC, Sharaf BL, Sellke FW, **Ehsan A**, Sodha NR, Aronow HD. Predictors of Patient Radiation Dose-Area Product, Dose, and Fluoroscopy Time During Transcatheter Aortic Valve Replacement (TAVR). *Catheterization and Cardiovascular Interventions*. 2018;92:768-774
30. Waksman R, Rogers T, Torguson R, Gordon P, **Ehsan A**, Wilson SR, Goncalves J, Levitt R, Hahn C, Parikh P, Bilfinger T, Butzel D, Buchanan S, Hanna N, Garrett R, Asch F, Weissman G, Ben-Dor I, Shults C, Bastian R, Craig PE, Garcia-Garcia HM, Kolm P, Zou Q, Satler LF, Corso PJ. Transcatheter aortic valve replacement in low-risk patients with symptomatic severe aortic stenosis. *Journal of American College of Cardiology*. 2018;72:2095-2105
31. McDermott J, Zeymo A, Chan K, **Ehsan A**, Crocker A, Xiao D, Ahluwalia JS, DeLeire T, Shara N, Al-Refaie W. Regionalized Surgery at High Volume Hospital: Potential Limitation in Affordable Care Act Expansion Coverage. *Journal of American College of Surgeons*. 2018;227:507-520

32. Sellke N, Kuczmarski A, Lawandy I, Cole VL, **Ehsan A**, Singh AK, Liu Y, Sellke FW, Feng J. Enhanced Coronary Arteriolar Contraction to Vasopressin in Diabetic Patients after Cardiac Surgery. *The Journal of Thoracic and Cardiovascular Surgery*. 2018;156:2098-2107
33. Syed N, Sodha NR, Sellke, FW, **Ehsan A**. Outcomes of packed red blood cell and platelet transfusions in aortic dissection patients undergoing surgical repair. *Journal of Surgical Research*. 2018;232:338-345
34. Kolte D, Goldsweig A, Kennedy KF, Abbott JD, Gordon PC, Sellke FW, **Ehsan A**, Sodha NR, Sharaf BL, Aronow HD. Comparison of Incidence, Predictors, and Outcomes of Early Infective Endocarditis After Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement in the United States. *American Journal of Cardiology*. 2018;122:2112-2119
35. Apostolidu E, **Ehsan A**, Beale C, Kolte D, Kennedy KF, Sellke FW, Gordon PC, Sharaf BL, Aronow HD. Association between red blood cell transfusion and 30-day readmission following transcatheter aortic valve replacement. *Structural Heart: The Journal of the Heart Team*. 2018;3:53-60
36. Apostolidu E, Aronow HD, Beale C, Kolte D, Kennedy KF, Sellke FW, Gordon PC, Sharaf BL, **Ehsan A**. Association Between Red Blood Cell Transfusion and Clinical Outcomes Among Patients Undergoing Transcatheter Aortic Valve Replacement. *Annals of Thoracic Surgery*. 2019;107:1791-1798
37. Waksman R, Corso PJ, Torguson R, Gordon P, **Ehsan A**, Wilson SR, Goncalves J, Levitt R, Hahn C, Parikh P, Bilfinger T, Butzel D, Buchanan S, Hanna N, Garrett R, Buchbinder M, Asch F, Weissman G, Ben-Dor I, Shults C, Bastian R, Craig PE, Ali S, Garcia-Garcia HM, Kolm P, Zou Q, Satler LF, Rogers T. Transcatheter Aortic Valve Replacement in Low-Risk Patients: One-Year Results from the LRT Trial. *JACC: Cardiovascular Interventions*. 2019;12:901-907
38. **Ehsan A**, Zeymo A, McDermott J, Shara NM, Sellke FW, Yousefzai R, Al-Refaie WB. Trends in Utilization of Left Ventricular Assist Devices in Vulnerable Non-Elderly Adults Across Medicaid Expansion. *Journal of Surgical Research*. 2019;243:503-508
39. Khan J, Rogers T, Waksman R, Torguson R, Weissman G, Medvedofsky D, Craig P, Zhang C, Gordon P, **Ehsan A**, Wilson S, Goncalves J, Levitt R, Hahn C, Parikh P, Bilfinger T, Butzel D, Buchanan S, Hanna N, Garrett R, Shults C, Garcia H, Kolm P, Satler LF, Buchbinder M, Ben-Dor I, and Asch F. Hemodynamics and subclinical leaflet thrombosis in low-risk patients undergoing transcatheter aortic valve replacement. *Circulation: Cardiovascular Imaging*. 2019;12:e009608.
40. Apostolidou E, Beale, Poppas A, Stockwell P, **Ehsan A**. An Interesting Case of Bioprosthetic Mitral Valve Dysfunction, Initially Presenting With Valve Thrombosis Followed by Recurrent Thrombosis and Endocarditis. *CASE (Phila)*. 2019;3:214-19.
41. Kolte D, Beale C, Aronow HD, Kennedy KF, Apostolidou E, Sellke FW, Sharaf BL, Gordon PC, Abbott JD, **Ehsan A**. Trends and Outcomes of Red Blood Cell Transfusion in U.S. Patients

- Undergoing Transcatheter Aortic Valve Replacement in the United States. *Journal of Thoracic and Cardiovascular Surgery*. 2020;159:102-111
42. Ziegler O, Anderson K, Liu Y, Pavlov V, Fingleton J, **Ehsan A**, Sodha N, Usheva A, Feng J, Sellke FW. Microvessel reactivity to beta adrenergic stimuli are attenuated in skeletal muscle after cardiopulmonary bypass. *Surgery*. 2020;167:493-498
  43. Ozaki Y, Garcia-Garcia H, Rogers T, Torguson R, Craig P, Hideo-Kajita A, Gordon P, **Ehsan A**, Parikh P, Bilfinger T, Butzel D, Buchanan S, Levitt R, Hahn C, Buchbinder M, Hanna N, Garrett R, Wilson SR, Goncalves JA, Ali S, Asch FM, Weissman G, Shults C, Ben-Dor I, Satler LF, Waksman R. Coronary Artery Disease Assessed by CT-Based Leaman Score in Low-Risk Transcatheter Aortic Valve Replacement Patients. *American Journal of Cardiology*. 2020;125:1216-1221
  44. Rogers T, Corso PJ, Torguson R, Gordon P, **Ehsan A**, Wilson SR, Goncalves J, Levitt R, Hahn C, Parikh P, Bilfinger T, Butzel D, Buchanan S, Hanna N, Garrett R, Buchbinder M, Asch F, Weissman G, Ben-Dor I, Shults C, Bastian R, Craig PE, Ali S, Garcia-Garcia HM, Kolm P, Zou Q, Satler LF, Waksman R. Feasibility of coronary access and aortic valve reintervention in low-risk TAVR patients. *JACC: Cardiovascular Interventions*. 2020;13:726-735
  45. Liu Y, Kabakov A, Xie A, Shi G, Singh AK, Sodha NR, **Ehsan A**, Usheva A, Agbortoko V, Koren G, Dudley SC, Sellke FW, Feng J. Metabolic Regulation of Endothelial SK Channels and Human Coronary Microvascular Function. *International Journal of Cardiology*. 2020;312:1-9.
  46. Gorvitovskaia AY, Scrimgeour LA, Potz BA, Sellke N, **Ehsan A**, Sodha NR, Sellke FW. A Lower Hematocrit is Associated with Neurocognitive Decline after Cardiac Surgery. *Surgery*. 2020;168:147-154.
  47. Martin TJ, Eltorai AEM, Kennedy K, Sellke FW, **Ehsan A**. Seasonality of Post-operative Pneumonia after Coronary Artery Bypass Grafting. *Journal of Cardiac Surgery*. 2020;35:1258-1266.
  48. Waksman R, Craig PE, Torguson R, Asch FM, Weissman G, Ruiz D, Gordon P, **Ehsan A**, Parikh P, Bilfinger T, Levitt R, Hahn C, Roberts D, Ingram M, Hanna N, Comas G, Zhang C, Ben-Dor I, Satler L, Garcia-Garcia HM, Shults C, Rogers T. Transcatheter Aortic Valve Replacement in Low-Risk Patients with Symptomatic Severe Bicuspid Aortic Valve Stenosis. *JACC: Cardiovascular Interventions*. 2020;13:1019-1027
  49. Craig P, Rogers T, Zou Q, Torguson R, Okubagzi PG, **Ehsan A**, Goncalves J, Hahn C, Bilfinger T, Buchanan S, Garrett R, Thourani VH, Corso P, Shults C, Waksman R. Impact of Transcatheter Aortic Valve Replacement on Risk Profiles of Surgical Aortic Valve Replacement Patients. *Cardiovascular Revascularization Medicine*. 2020 Apr 29;S1553-8389
  50. Mirman B, Ikeda I, Zhang Z, Liu Y, Yu L, **Ehsan A**, Feng J, Sellke F. Effects of Neuropeptide Y on Human Skeletal Muscle Microvasculature. *Surgery*. 2020;168:155-159

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2. Stanley M, Kanuparth M, Sawka D, Cronkhite S, Banerjee D, Feng J, Sodha NR, **Ehsan A**, Sellke FW. Intraoperative Hemodilution and Blood Transfusion Predict Neurocognitive Decline in Patients After Cardiopulmonary Bypass. **Submitted to *Surgery***
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### **Book Chapters**

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16. Miller R, Covington S, Taranto S, Taylor K, Parker K, Comellas C, **Ehsan A**, Friedman B, Gockerman J, Green M, Ison M, Kaul D, Kubak B, Lebovitz DJ, Lyon GM, Nalesnik M, Pruett T, Smith A, Teperman L, Tuttle-Newhall E, Vasudev B, Weiss L, Yeh M, and Blumberg E. Communication Gaps Associated with Donor Derived Infections (DDIs): A Report from the OPTN Ad Hoc Diseases Transmission Advisory Committee (DTAC). American Transplant Congress, Philadelphia, PA 4/30-5/3, 2011.
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18. Covington S, Parker K, Taylor K, Taranto S, Comellas C, **Ehsan A**, Friedman B, Kaul D, Kubak B, Lebovitz DJ, Lon III GM, Miller R, Nalesnik MA, Pruett TL, Smith A, Teperman L, Tuttle-Newhall JE, Vasudev B, Weiss L, Green M, Ison MG, Blumberg E. OPTN Ad Hoc Disease Transmission Advisory Committee (DTAC). Donor-Derived Disease Transmission Events in the United States in 2010: A Report from the OPTN Ad Hoc Diseases Transmission Advisory Committee (DTAC). NATCO 36<sup>th</sup> Annual Meeting, San Francisco, CA, 8/13-16, 2011.



19. **Ehsan A**, Taranto S, Covington SH, Miller RA, Taylor KH, Parker KB, Friedman BS, Green MD, Ruiz P, Blumberg EA. Donor-Derived Infections in Heart Transplantation. ISHLT Annual Meeting and Scientific Sessions, Prague, Czech Republic, 4/18-21, 2012.
20. **Ehsan A**, Taranto S, Covington SH, Miller RA, Taylor KH, Parker KB, Friedman BS, Green MD, Ruiz P, Blumberg EA. Donor-Derived Infections in Lung Transplantation. ISHLT Annual Meeting and Scientific Sessions, Prague, Czech Republic, 4/18-21, 2012.
21. Blumberg E, Covington S, Taranto S, Taylor K, Parker K, Comellas C, Dominguez E, **Ehsan A**, Friedman B, Gross T, Kaul D, Kusne S, Lyon GM, Miller R, Mitchell S, Nalesnik MA, Nickleit V, Pavlakis M, Pruett TL, Ruiz P, Souter M, Tuttle-Newhall JE, Weiss L, Wiesner R, Green M. Donor Derived Transmission Events in 2011: A Report of the OPTN Ad Hoc Disease Transmission Advisory Committee (DTAC). American Transplant Congress, Boston, MA 6/2-6, 2012.
22. Blumberg E, Covington S, Taranto S, Taylor K, Parker K, Comellas C, Dominguez E, **Ehsan A**, Friedman B, Gross T, Kaul D, Kusne S, Lyon GM, Miller R, Mitchell S, Nalesnik MA, Nickleit V, Pavlakis M, Pruett TL, Ruiz P, Souter M, Tuttle-Newhall JE, Weiss L, Wiesner R, Green M. Impact of Organism on Outcomes: Donor Derived Infections. American Transplant Congress, Boston, MA 6/2-6, 2012.
23. Nalesnik M, Taranto S, Covington S, Taylor K, Parker K, Gross T, Pavlakis M, Green M, Comellas C, Dominguez E, **Ehsan A**, Friedman B, Kaul D, Kusne S, Lyon GM, Miller R, Mitchell S, Nickleit V, Pruett T, Ruiz P, Souter M, Tuttle-Newhall JE, Weiss L, Wiesner R, Blumberg E. Donor Transmitted Tumors In Relation To Cancer and Allograft Types. American Transplant Congress, Boston, MA 6/2-6, 2012.
24. Pavlakis M, Taranto S, Covington S, Taylor K, Parker K, Gross T, Nalesnik M, Green M, Comellas C, Dominguez E, **Ehsan A**, Friedman B, Kaul D, Kusne S, Lyon GM, Miller R, Mitchell S, Nickleit V, Pruett T, Ruiz P, Souter M, Tuttle-Newhall JE, Weiss L, Wiesner R, Blumberg E. Donor Derived Renal Cell Carcinoma (RCC) Transmission Events 2008-2011: A Report of the OPTN Ad Hoc Diseases Transmission Advisory Committee (DTAC). American Transplant Congress, Boston, MA 6/2-6, 2012.
25. **Ehsan A**, Whitlock J. Glycemic Control of Cardiac Surgery Patients Using an Insulin Dosing Software. National Association for Healthcare Quality 37<sup>th</sup> Annual National Educational Conference, Tampa, FL 9/20-23, 2012.
26. **Ehsan A**, Whitlock J. Reduction in Blood Utilization for Cardiac Surgery Patients. National Association for Healthcare Quality 37<sup>th</sup> Annual National Educational Conference, Tampa, FL 9/20-23, 2012.
27. Carpino P, Rastegar H, **Ehsan A**, Oxley B. Primary Sternal Plate Closure for the Prevention of Sternal Wound Dehiscence and Infection in High Risk Patients. Eastern Cardiothoracic Surgical Society 50<sup>th</sup> Anniversary Meeting, Naples, FL 10/4-6, 2012.

28. Feng J, Liu Y, Singh A, **Ehsan A**, Sellke F. Decreased Relaxation Response of Coronary Arterioles to Calcium-Activated-Potassium -Channel Activators in Diabetic Patients. Scientific Sessions of the American Heart Association, Chicago, IL, 11/15-19, 2014.
29. Ollila T, Prabhu W, **Ehsan A**. Shot Through the Heart- a compelling indication for IVC filter removal. American College of Physicians, Rhode Island Chapter. April 1, 2015.
30. Feng J, Singh AK, Liang J, Liu Y, **Ehsan A**, Sellke F. Effects of Diabetes and CPB on Adherens-Junction-Protein Expression of Human Peripheral Tissue. 11<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, 2/2-4, 2016.
31. Sardar MR, Bowen F, **Ehsan A**, Kassissi, G. Double valve case TAVR and TMVR in native annulus at the same time. TCT 2016, Washington, DC, 10/29-11/2, 2016.
32. Sardar MR, Gordon P, Sodha N, **Ehsan A**, Sellke F, Kaddissi G, Baldasare M, Aji J, Sharaf B. Crossroads. TCT 2016, Washington, DC, 10/29-11/2, 2016.
33. Sellke N, Lawandy I, **Ehsan A**, Liu Y, Sellke FW, Feng J. Enhanced Coronary Arteriolar Reactivity to Vasopressin in Diabetic Patients after Cardiac Surgery. Scientific Sessions of the American Heart Association, New Orleans, LA, 11/12-16, 2016.
34. Anderson K, Feng J, Liu Y, Singh AK, **Ehsan A**, Sellke FW. Role of COX-2 in Microvascular Reactivity of Peripheral Arterioles in Diabetic Patients after CPB. 12<sup>th</sup> Annual Academic Surgical Congress, Las Vegas, NV, 2/7-9, 2017.
35. Kolte D, Gordon PC, Sharaf BL, **Ehsan A**, Sellke FW, Sodha, NR, Abbott JD, Aronow HD. Infective Endocarditis After Transcatheter Aortic Valve Replacement: Insights from the Nationwide Readmissions Database. 66<sup>th</sup> Annual Meeting of the American College of Cardiology, Washington, DC, 3/17-19, 2017.
36. Goldsweig AM, Kennedy K, Kolte D, Abbott JD, Gordon PC, Sharaf BL, Sellke FW, **Ehsan A**, Sodha NR, Aronow HD. Predictors of Radiation Dosage in Transcatheter Aortic Valve Replacement. Society for Cardiovascular Angiography and Interventions, New Orleans, LA, 5/10-13, 2017.
37. Gorvitovskaia AY, Scrimgeour LA, Potz BA, Gordon CD, Sellke N, Kuczmarski A, Fingleton JG, **Ehsan A**, Sodha NR, Sellke FW. Lower Hematocrit Levels are Associated with Neurocognitive Decline after Cardiac Surgery. 13<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, 1/30-2/1, 2018.
38. Gordon C, Sellke N, Lawandy I, Gorvitovskaia A, Liu Y, **Ehsan A**, Fingleton J, Feng J, Sellke FW. Impaired Coronary Contractile Response to Phenylephrine after Cardioplegic Arrest in Diabetic Patients. 13<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, 1/30-2/1, 2018.
39. Syed N, Sodha NR, Sellke, FW, **Ehsan A**. Outcomes of packed red blood cell and platelet transfusions in aortic dissection patients undergoing surgical repair. 13<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, 1/30-2/1, 2018.

40. Beale C, Parikh L, Apostolidu I, **Ehsan A**. Reduced incidence of bleeding and blood transfusions with increased technical expertise in patients undergoing transcatheter aortic valve replacement (TAVR). Society for Cardiovascular Angiography and Interventions, San Diego, CA, 4/25-28, 2018.
41. Apostolidu E, Aronow HD, Beale C, Kolte D, Kennedy KF, Sellke FW, Gordon PC, Sharaf BL, **Ehsan A**. Association Between Red Blood Cell Transfusion and Clinical Outcomes Among Patients Undergoing Transcatheter Aortic Valve Replacement. Transcatheter Valve Therapies, Chicago, IL, 6/20-22, 2018.
42. Rogers T, Torguson R, Gordon P, **Ehsan A**, Wilson SR, Goncalves J, Levitt R, Hahn C, Parikh P, Bilfinger T, Butzel D, Buchanan S, Hanna N, Garrett R, Asch F, Weissman G, Ben-Dor I, Shults C, Bastian R, Craig PE, Garcia-Garcia HM, Kolm P, Zou Q, Satler LF, Corso PJ, Waksman RI. LRT - Transcatheter Aortic Valve Replacement for Patients With Severe Aortic Stenosis Who Are At Low Risk For Mortality: Results From The Prospective Multicenter LRT Clinical Trial. ESC Congress 2018, Munich, Germany, 8/25-29, 2018.
43. Apostolidu E, **Ehsan A**, Beale C, Kolte D, Kennedy KF, Sellke FW, Gordon PC, Sharaf BL, Aronow HD. Association between red blood cell transfusion and 30-day readmission following transcatheter aortic valve replacement. TCT 2018, San Diego, CA, 9/21-25, 2018.
44. Kolte D, Beale B, Aronow HD, Kennedy KF, Apostolidou E, Sellke FW, Sharaf BL, Gordon PC, Abbott, JD, **Ehsan A**. Trends and Outcomes of Red Blood Cell Transfusion in Patients Undergoing Transcatheter Aortic Valve Replacement in the United States. American Heart Association Scientific Sessions 2018, Chicago, IL, 11/10-12, 2018.
45. Xie A, Liu Y, Dudley SC, Sodha NR, **Ehsan A**, Sellke FW, Feng J. Metabolic Changes and Endothelial SK Channel Function in Diabetic Myocardium. American Heart Association Scientific Sessions 2018, Chicago, IL, 11/10-12, 2018.
46. Scrimgeour LA, Gorvitovskaia AY, Potz BA, Sellke N, Feng J, **Ehsan A**, Sellke FW. Neurocognitive Decline is Correlated with Leukocytosis and Serum IL-8 but not Glycemic Control after Cardiac Surgery. STS/EACTS Latin America Cardiovascular Surgery Conference, Cartagena, Colombia, 11/15-17, 2018.
47. **Ehsan A**, Zeymo A, Shara NM, Sellke FW, Yousefzai R, Al-Refaeie WB. Trends in Utilization of Left Ventricular Assist Devices in Vulnerable Non-Elderly Adults across Medicaid Expansion. 14<sup>th</sup> Annual Academic Surgical Congress, Houston, TX, 2/5-2/7, 2019.
48. Ziegler O, Anderson K, Liu Y, Pavlov V, Fingleton J, **Ehsan A**, Sodha N, Usheva A, Feng J, Sellke FW. Microvessel reactivity to beta adrenergic stimuli are attenuated in skeletal muscle after cardiopulmonary bypass. 14<sup>th</sup> Annual Academic Surgical Congress, Houston, TX, 2/5-2/7, 2019.
49. Apostolidou E, Kolte D, Kennedy KF, Beale C, **Ehsan A**, Abbott DJ, Carson J, Gurm H, Aronow HD. Hospital Transfusion Culture Independently Predicts Likelihood of Transfusion

- Following Inpatient Cardiovascular Procedures. American College of Cardiology Annual Meeting, New Orleans, LA, 3/16-3/18, 2019.
50. Craig P, Rogers T, Zou Q, Torguson R, Okubagzi P, **Ehsan A**, Goncalves J, Hahn C, Bilfinger T, Buchanan S, Garrett R, Thourani V, Corso P, Waksman R. Temporal Trends in Risk Profiles of Isolated Surgical Aortic Valve Replacement Patients. American College of Cardiology Annual Meeting, New Orleans, LA, 3/16-3/18, 2019.
  51. Martin TJ, Eitorai AEM, Kennedy K, Sellke FW, **Ehsan A**. Seasonality of Post-operative Pneumonia after Coronary Artery Bypass Grafting. Eastern Cardiothoracic Surgical Society 57<sup>th</sup> Annual Meeting 2019, Naples, FL, 10/16-19, 2019.
  52. **Ehsan A**, Zeymo A, McDermott J, Shara NM, Sellke FW, Sodha NR, Al-Refaie WB. Evaluating Cardiac Surgery Use Across Vulnerable Persons After the Affordable Care Act's Medicaid Expansion. American College Surgeons Clinical Congress 2019, San Francisco, CA, 10/27-10/31, 2019.
  53. Apostolidou E, Kolte D, Aronow H, Kennedy KF, Sodha NR, Fingleton JG, Sellke FW, **Ehsan A**. Association Between Blood Product Transfusion and In-Hospital Clinical Outcome in Patients Undergoing Type A Aortic Dissection Repair in the United States. American Heart Association Scientific Sessions 2019, Philadelphia, PA, 11/16-18, 2019.
  54. Zhang Z, **Ehsan A**, Sodha NR, Clements RT, Shi G, Aboulgheit A, Kolodziejczak MA, Pavlov V, Sellke FW, Feng J. SKCa Channel Activation Improves Myocardial Protection on Swine Cardiopulmonary Bypass and Cardioplegic Ischemia-Reperfusion Model. American Heart Association Scientific Sessions 2019, Philadelphia, PA, 11/16-18, 2019.
  55. Kolte D, Beale B, Aronow HD, Kennedy KF, Apostolidou E, Sellke FW, Sharaf BL, Gordon PC, Abbott, JD, **Ehsan A**. Trends and Outcomes of Red Blood Cell Transfusion in Patients Undergoing Transcatheter Aortic Valve Replacement in the United States. Society of University Surgeons, New Member Poster Session, 15<sup>th</sup> Annual Academic Surgical Congress, Orlando, FL, 2/4-2/6, 2020.
  56. Ali H-J, **Ehsan A**, Kennedy K, Riley P, Seo A, Bajaj NS, Singh A, Selke FW, Levine D, Kiernan M, Yousefzai R. The Cost and Length of Stay Associated with Biventricular Assist Devices in the United States. ISHLT 2020 Anniversary Meeting and Scientific Sessions, Montreal, Canada, 4/22-25, 2020.
  57. Waksman R, Craig PE, Torguson R, Asch FM, Weissman G, Ruiz D, Gordon P, **Ehsan A**, Parikh P, Bilfinger T, Levitt R, Hahn C, Roberts D, Ingram M, Hanna N, Comas G, Zhang C, Ben-Dor I, Satler L, Garcia-Garcia HM, Shults C, Rogers T. Transcatheter Aortic Valve Replacement in Low-Risk Patients with Symptomatic Severe Bicuspid Aortic Valve Stenosis. CRT 2020, Late Breaking Clinical Trials, National Harbor, MD, 2/22-25, 2020.
  58. Cohen B, Zeymo A, McDermott J, Shara NM, Sellke FW, Sodha N, Al-Refaie WB, **Ehsan A**. Increased Access to Cardiac Surgery Did Not Improve Outcomes Among Vulnerable

- Populations: Early Look into Medicaid Expansion. American College of Surgeons Clinical Congress 2020, Virtual 10/3-7, 2020.
59. Potz BA, Aboulgheit AM, Ignacio GC, **Ehsan A**, Sellke FW, Sodha N. Incidence of New Pathological Findings for Patients Undergoing TAVR Protocol Computed Tomography Angiography. American College of Surgeons Clinical Congress 2020, Virtual, 10/3-7, 2020.
  60. Martin T, Kalagara R, Sodha NR, Sellke FW, **Ehsan A**. Patient Factors Associated with 30-Day Mortality After Repair of Acute Type A Aortic Dissection. Eastern Cardiothoracic Surgical Society 58<sup>th</sup> Annual Meeting 2020, Virtual, October 2020.
  61. Cohen BD, Aminpour N, Wang H, Al-Refaie WB, Sellke FW, **Ehsan A**. Did Ethno-racial Disparities In Access To Transcatheter Aortic Valve Replacement Change Over Time? 101<sup>st</sup> Annual Meeting of the American Association for Thoracic Surgery, Virtual, 4/30 – 5/2, 2021.
  62. Del Re A, Rivera Perla KM, Aghagoli G, Bellam K, **Ehsan A**. Trends and Outcomes Of Coronary Artery Bypass Grafting In Patients With Major Depressive Disorder: A Perspective From The National Inpatient Sample. Eastern Cardiothoracic Surgical Society 59<sup>th</sup> Annual Meeting, Manalapan, FL, 10/6-9, 2021
  63. Feng J, Liu Y, Phillips R, Del Re A, **Ehsan A**, Kononov M, Sodha N, Sellke FW. Increased Myogenic Tone in Patients with Poorly Controlled Hypertension. American Heart Association Scientific Sessions 2021, Virtual, November 2021
  64. Phillips R, Feng J, Shi G, Sellke NC, Scrimgeour LA, **Ehsan A**, Sellke FW. The Role of Preoperative Hypertension on Neurocognitive Decline After Cardiac Surgery. American Heart Association Scientific Sessions 2021, Virtual, November 2021
  65. Singal S, Parulkar S, Parulkar A, **Ehsan A**, Poppas A, Levine D. A Unique Case of Mitral Regurgitation Secondary to Carcinoid Disease. American College of Cardiology 2022, Washington, DC, 4/2-4, 2022
  66. Stanley ME, Kant S, Sodha N, **Ehsan A**, Sellke FW. Gender differences in neurocognitive decline among cardiac surgery patients. New England Surgical Society Virtual 28<sup>th</sup> Annual Surgical Resident and Fellow Research Presentation Day. 5/11, 2022
  67. Del Re A, Perla KR, Vishwanath N, Rao V, Liu P, **Ehsan A**. The Impact of Socioeconomic Status on Readmission for Sternal Wound Dehiscence after Coronary Artery Bypass Grafting. (Eposter) Plastic Surgery Research Council Annual Meeting. Toronto, Ontario Canada, 6/8-12, 2022
  68. Stanley ME, Kant S, Sodha N, **Ehsan A**, Sellke FW. Gender differences in neurocognitive decline among cardiac surgery patients. New England Surgical Society 103<sup>rd</sup> Annual Meeting, Boston, MA, 9/16-18, 2022

69. Del Re AM, Zahiri K, Guerhazi D, Sears TJ, **Ehsan A**. Outcomes After Coronary Artery Bypass Grafting in Patients with Diabetic Versus Hypertensive Chronic Kidney Disease. (Eposter) Eastern Cardiothoracic Surgical Society 60<sup>th</sup> Annual Meeting, Miami, FL, 10/6-9, 2022
70. Bellam KG, Sears TJ, Sabe S, **Ehsan A**. Clinical Characteristics and Outcomes of SLE Patients that Underwent Cardiac Surgery. (Eposter) Eastern Cardiothoracic Surgical Society 60<sup>th</sup> Annual Meeting, Miami, FL, 10/6-9, 2022
71. Bellam KG, Feldman N, Chalasani N, Seares TJ, Sabe S, **Ehsan A**. Marijuana use and perioperative outcomes in patients undergoing coronary artery bypass graft surgery: Insight from the National Inpatient Sample (2008-2018). Eastern Cardiothoracic Surgical Society 60<sup>th</sup> Annual Meeting, Miami, FL, 10/6-9, 2022
72. Sabe SA, Sabe MA, Kennedy KF, Sellke FW, **Ehsan A**. Risk Factors Associated with Heart Failure Readmissions After Cardiac Surgery. (Eposter) American College Surgeons Clinical Congress 2022, San Diego, CA, 10/16-20, 2022
73. Stanley ME, **Ehsan A**, Sodha N, Sellke F. History of Psychotropic Medication a Risk Factor for Neurocognitive Decline after Cardiac Surgery. 18th Annual Academic Surgical Congress, Houston, TX, 2/7-2/9, 2023
74. Zhao A, Sabe S, Sabra M, Li J, **Ehsan A**, Feng J, Sellke FW. Increased Contractile Responses to TXA2 in Patients with Poorly Controlled Hypertension. 18th Annual Academic Surgical Congress, Houston, TX, 2/7-2/9, 2023
75. Sabra M, Harris DD, Stanley ME, Broadwin M, Sabe SA, Bellam K, Sodha N, Sellke N, Sellke F, **Ehsan A**. Differential Expression of Mineralocorticoid And Glucocorticoid Receptors In Thoracic Aortic Aneurysm. American College of Surgeons Clinical Congress 2023, Boston, MA, 10/22-25, 2023
76. Banerjee D, Sabe S, Machan J, Sodha N, **Ehsan A**, Feng J, Sellke F. Uncontrolled hypertension increases endothelin-1-induced contractile response of coronary microvasculature both before and after cardioplegia and cardiopulmonary bypass. American Heart Association Scientific Sessions 2023, Philadelphia, PA, 11/11-13, 2023
77. González-Castillo S, Garcia Agundez A, Eickhoff C, **Ehsan A**, Ranilla J and Elías Combarro. On applying quantum machine learning techniques to predict postoperative complications in patients with severe aortic stenosis. 7<sup>th</sup> International Conference on Quantum Techniques in Machine Learning 2023
78. Bellam KG, Harris D, Satija D, Sabe S, Kanuparth M, Broadwin M, Stone C, Yalamanchili K, Rutter C, Malhotra A, Channamsetty S, **Ehsan A**, Sellke F. An In-Depth Analysis of Research Output in Successful Integrated Cardiothoracic Surgery Match Applicants and Factors Associated With Matching at Top-Ranked Programs. (Eposter) The Society of Thoracic Surgeons 60<sup>th</sup> Annual Meeting 2024, San Antonio, TX 1/27-29, 2024

79. Banarjee D, Sabe S, Sodha N, **Ehsan A**, Feng J, Sellke F. Age-related increase in coronary microvascular contractile response to endothelin-1 in patients undergoing cardioplegic arrest and cardiopulmonary bypass. (Eposter) The Society of Thoracic Surgeons 60<sup>th</sup> Annual Meeting 2024, San Antonio, TX 1/27-29, 2024
  
80. Bellam K, Sabe S, Heath J, Harris D, Oh A, Chalasani N, Feldman N, Broadwin M, Stone C, **Ehsan A**, Sellke F. Unique Risks for Inflammatory Bowel Disease Patients Undergoing Coronary Artery Bypass Grafting. (Eposter) The Society of Thoracic Surgeons 60<sup>th</sup> Annual Meeting 2024, San Antonio, TX 1/27-29, 2024
  
81. Li J, Harris D, Sabe S, Banerjee D, Pearson E, Nho J, **Ehsan A**, Sodha N, Feng J, Sellke FW. Altered coronary vasomotor responses to serotonin in patients with uncontrolled hypertension following cardiac surgery. 19<sup>th</sup> Annual Academic Surgical Congress, Washington, DC, 2/6-8, 2024
  
82. Banarjee D, Sabe S, Sodha N, **Ehsan A**, Feng J, Sellke F. Sex difference in coronary microvascular contractile response to phenylephrine before and after cardioplegia/cardiopulmonary bypass. The American Association for Thoracic Surgery 104<sup>th</sup> Annual Meeting, Toronto, ON, 4/27-30, 2024
  
83. Barghout M, Khan A, Barry C, Imran H, Sharaf B, Gordon P, **Ehsan A**, Abbott J, Elkaryoni A, Saad M. Temporal trends of aortic valve replacement modalities by age in the United States 2015-2023. European Society of Cardiology Congress 2024, London, UK, 8/30-9/2, 2024
  
84. Barghout M, Khan A, Barry C, Imran H, Sharaf B, Gordon P, **Ehsan A**, Abbott J, Elkaryoni A, Saad M. Nationwide Temporal Trends in Aortic Valve Replacement for Bicuspid and Tricuspid Aortic Valve Stenosis. American Heart Association Scientific Sessions 2024, Chicago, IL 11/16-18, 2024
  
85. Rehman A, Mohsin A, **Ehsan A**. Comparative Analysis of Transcatheter Mitral Valve Replacement versus Redo-Surgical Mitral Valve Replacement: A Systematic Review and Meta Analysis. American Heart Association Scientific Sessions 2024, Chicago, IL 11/16-18, 2024
  
86. Kanuparth M, Manthana R, Stone CR, Muir K, Banerjee D, **Ehsan A**, Sodha N, Feng J, Sellke FW. Cardiopulmonary Bypass Blunts Microvascular Response to Angiotensin II. 20<sup>th</sup> Annual Academic Surgical Congress, Las Vegas, NV, 2/11-13, 2025

## **INVITED PRESENTATIONS**

### ***Local***

1. "Cardiac Transplantation", Surgery Grand Rounds, Tufts Medical Center, Boston, MA, March 2, 2005.
2. "Current State of Cardiac Transplantation", Milford Hospital Grand Rounds, Milford, MA March 28, 2006.
3. "Surgical Therapies for Heart Failure", Surgery Grand Rounds, Tufts Medical Center, Boston, MA, September 27, 2006.
4. "Mechanical Circulatory Support for Acute and Chronic Heart Failure", Cardiovascular Conference, Lahey Clinic, Burlington, MA, May 18, 2007.
5. "An Update on Mechanical Circulatory Support: What does the future hold for heart transplantation?". St Luke's Hospital Surgical Grand Rounds. New Bedford, MA, February 14, 2009.
6. "Diagnosis and Management of Acute Ascending Aortic Dissections", Winchester Hospital Medical Grand Rounds, Winchester, MA, June 30, 2009.
7. "Surgical Treatments for Heart Failure", Brockton Hospital Medical Grand Rounds, Brockton, MA, December 16, 2009.
8. "An Introduction to Cardiac Surgery", Surgery Grand Rounds, Tufts Medical Center, Boston, MA, February 4, 2010.
9. "Mitral Valve Surgery", Cardiology Grand Rounds, Brockton Hospital, Brockton, MA October 7, 2010.
10. "The Mineralocorticoid Receptor in Vein Grafts: A new role for an old friend", Surgery Grand Rounds, Tufts Medical Center, Boston, MA February 17, 2011.
11. "Surgical Therapy for Valvular Heart Disease", Norwood Hospital Cardiology Grand Rounds, Norwood, MA, June 14, 2011.
12. "Surgical Options for Heart Failure", Cardiology Grand Rounds, Rhode Island Hospital, Providence, RI, October 19, 2012.
13. "The Mineralocorticoid Receptor in Vein Grafts", Surgery Grand Rounds, Rhode Island Hospital, Providence, RI, October 23, 2012.
14. "Ex-Maze Procedure for the Treatment of Atrial Fibrillation", Medical Grand Rounds, Pawtucket Memorial Hospital, Pawtucket, RI, March 13, 2013.



15. "Surgical Therapy for Valvular Heart Disease", Roger Williams Hospital Medical Grand Rounds, Providence, MA, April 9, 2013.
16. "Critical Care Management of Adult Cardiac Surgery Patients", Nursing Education Seminar, Rhode Island Hospital, Providence, RI, August 25, 2015.
17. "Minimally Invasive Cardiac Surgery", Roger Williams Hospital Medical Grand Rounds, Providence, MA, April 12, 2016.
18. "Mitral Valve Reconstruction – The State of the Art", Cardiology Grand Rounds, Lifespan Cardiovascular Institute, Rhode Island Hospital, Providence, RI, June 24, 2016.
19. "Valve Surgery: The State of the Art", South County Hospital Cardiology Conference, Wakefield, RI, August 10, 2017.
20. "TAVR in low-risk patients: Will it stand the test of time?", Cardiology Grand Rounds, Lifespan Cardiovascular Institute, Rhode Island Hospital, Providence, RI, February 5, 2021.

### ***Regional***

21. "Advances in VAD Support for Post-Cardiotomy Shock", Tufts Medical Center Heart Failure Symposium, Framingham, MA, October 2006.
22. "Extended Criteria Donation: Hearts", NEOB Collaborative Meeting, Framingham, MA, November 2008.
23. "Mitral Valve Surgery in the Elderly", Edwards Lifesciences Northeast Regional Sales Meeting, New York, NY, June 24, 2010.
24. "Ad Hoc Disease Transmission Advisory Committee (DTAC) Update", UNOS Spring Regional Meeting, Worcester, MA, March 28, 2011.
25. "Ad Hoc Disease Transmission Advisory Committee (DTAC) Update", UNOS Fall Regional Meeting, Worcester, MA, September 26, 2011.
26. "Atrial Fibrillation Ablation, Cryoablation and Ex-Maze (Convergent): Options and Therapy" Warren Alpert Medical School Office of Continuing Medical Education. Providence, RI, January 14, 2014.
27. "Surgical Approaches to the Treatment of Cardiac Arrhythmias", 3<sup>rd</sup> Annual Brown Arrhythmia Symposium, The Omni Providence Hotel, Providence, RI, April 29, 2016.
28. "Minimally Invasive Valvular Surgery", 1<sup>st</sup> Annual Brown Advanced Cardiovascular Therapies Symposium, Warren Alpert Medical School, Providence, RI, October 15, 2016.

29. "Surgical Approaches to the Treatment of Cardiac Arrhythmias", 4<sup>th</sup> Annual Brown Arrhythmia Symposium, The Omni Providence Hotel, Providence, RI, April 7, 2017.
30. "Surgical Revascularization: Importance of Multiple Arterial Grafts", 2<sup>nd</sup> Brown Advanced Cardiovascular Therapies Symposium, Warren Alpert Medical School, Providence, RI, November 9, 2019.
31. "TAVR: Treatment of Low-Risk Patients, Will It Stand the Test of Time?" 2<sup>nd</sup> Brown Advanced Cardiovascular Therapies Symposium, Warren Alpert Medical School, Providence, RI, November 9, 2019.

### ***National***

32. Session Discussant, Cardiothoracic Surgery II: Thoracic/Transplantation and Cardiovascular Pathophysiology, American College of Surgeons Clinical Congress, San Francisco, CA, October 18, 2005.
33. "Early Mechanical Circulatory Support for Cardiogenic Shock", The "Boston" Meeting and Hammersmith TFECC Workshop, Cambridge, MA, October 21, 2007.
34. "Mechanical Circulatory Support for Acute and Chronic Heart Failure", 16<sup>th</sup> International Symposium, Cardiac Surgery, Beyond 2007, a Multidisciplinary Cardiac Symposium, Naples, FL, November 8, 2007.
35. "An Update on Mechanical Circulatory Support: What does the future hold for heart transplantation?", 29<sup>th</sup> Annual Winter Educational Meeting of the Association of Physician Assistants in Cardiovascular Surgery. Ft. Lauderdale, FL, January 22, 2010.
36. Guest Faculty, STS/ACS 2018 Cardiothoracic Surgery in the Future course, American College of Surgeons Clinical Congress, Boston, MA, October 22, 2018.
37. Poster Session Moderator, Cardiothoracic Surgery, American College of Surgeons Clinical Congress, Boston, MA, October 23, 2018.
38. Poster Session Moderator, Cardiothoracic Surgery, American College of Surgeons Clinical Congress, San Francisco, CA, October 30, 2019.
39. Session Discussant, American Association for Thoracic Surgery Annual Meeting, New York, NY, April 25, 2020 (Meeting cancelled due to COVID 19 Pandemic).
40. Session Moderator, EP Central, American Heart Association Scientific Sessions, Dallas, TX, November 16, 2020 (Session cancelled due to transition to virtual meeting).
41. Session Moderator, Academic Surgical Congress Clinical/Outcomes Cardiothoracic Surgery Quickshot session 1, February 2, 2021 (Virtual).

42. "TAVR in low-risk patients, will it stand the test of time?", Cardiothoracic Surgery Grand Rounds, University of Texas, San Antonio, December 9, 2021.
43. "Offer Surgery", Expert Session V, 62<sup>nd</sup> Annual Eastern Cardiothoracic Surgical Society Annual Meeting, Naples, FL, September 21, 2024

### ***International***

44. Guest Faculty, Iranian Society of Atherosclerosis: 19<sup>th</sup> International Congress on Cardiovascular Updates, Tehran, Iran, September 12-15, 2017.
45. "Is surgical aortic valve replacement dead in the TAVR Era?", 17<sup>th</sup> International Congress of Update in Cardiology and Cardiovascular Surgery, Virtual, November 7, 2021

### **FACULTY SERVICE IN CME COURSES**

1. Session Discussant, Cardiothoracic Surgery II: Thoracic/Transplantation and Cardiovascular Pathophysiology, American College of Surgeons Clinical Congress, San Francisco, CA, October 18, 2005
2. Course Director, Abiomed BVS 5000 and AB 5000 Application and Implantation Training Tufts Medical Center, Boston, MA, 2006 – 2010
3. Session Moderator, Basic Science Research: Adult Cardiac, Society of Thoracic Surgeons, Orlando, FL, January 27, 2014
4. Guest Faculty, Atrial Fibrillation Ablation, Cryoablation and Ex-Maze (Convergent): Options and Therapy, Warren Alpert Medical School Office of Continuing Medical Education. Providence, RI, January 14, 2014
5. Guest Faculty, 3<sup>rd</sup> Annual Brown Arrhythmia Symposium, The Omni Providence Hotel, Providence, RI, April 29, 2016
6. Course Co-Director, 1<sup>st</sup> Annual Brown Advanced Cardiovascular Therapies Symposium, The Warren Alpert Medical School of Brown University, Providence, RI, October 15, 2016
7. Guest Faculty, 4<sup>th</sup> Annual Brown Arrhythmia Symposium, The Omni Providence Hotel, Providence, RI, April 7, 2017
8. Guest Faculty, STS/ACS 2018 Cardiothoracic Surgery in the Future course, American College of Surgeons Clinical Congress, Boston, MA, October 22, 2018
9. Poster Session Moderator, Cardiothoracic Surgery, American College of Surgeons Clinical Congress, Boston, MA, October 23, 2018

10. Poster Session Moderator, Cardiothoracic Surgery, American College of Surgeons Clinical Congress, San Francisco, CA, October 30, 2019
11. Course Co-Director, 2<sup>nd</sup> Brown Advanced Cardiovascular Therapies Symposium, The Warren Alpert Medical School of Brown University, Providence, RI, November 9, 2019
12. Session Moderator, EP Central, American Heart Association Scientific Sessions, Dallas, TX, November 16, 2020 (Session cancelled due to transition to virtual meeting)
13. Session Moderator, 16<sup>th</sup> Annual Academic Surgical Congress Clinical/Outcomes Cardiothoracic Surgery Quickshot session 1, February 2, 2021 (Virtual)
14. Course Co-Director, Lifespan CVI Virtual Educational Series, The Warren Alpert Medical School of Brown University, March 2021 (Virtual)
15. Session Moderator, 17<sup>th</sup> Annual Academic Surgical Congress Clinical/Outcomes Cardiothoracic Surgery Quickshot session 1, Orlando, FL, February 2022
16. Eposter Judge, 60<sup>th</sup> Annual Eastern Cardiothoracic Surgical Society Meeting, Eposter Reception, Cardiac Posters, Miami, FL, October 8, 2023
17. Session Panelist, 2<sup>nd</sup> Annual Symposium of the New England Valve and Structural Heart Foundation, Boston Waterfront Hotel, Boston, MA, October 21, 2022
18. Session Panelist, 3<sup>rd</sup> Annual Symposium of the New England Valve and Structural Heart Foundation, Boston Waterfront Hotel, Boston, MA, September 30, 2023
19. Session Moderator, 61<sup>st</sup> Annual Eastern Cardiothoracic Surgical Society Annual Meeting, Scientific Session III Cardiovascular, Manalapan, FL, October 6, 2023
20. Session Moderator, 30<sup>th</sup> Annual Resident and & Fellow Research Day, New England Surgical Society, Newton, MA, May 15, 2024
21. Faculty, Cardiac Surgery Fellows Course, 62<sup>nd</sup> Annual Eastern Cardiothoracic Surgical Society Meeting, Naples, FL, September 18, 2024
22. Session Moderator, 62<sup>nd</sup> Annual Eastern Cardiothoracic Surgical Society Annual Meeting, Thoracic Scientific Session III, Naples, FL September 20, 2024

## **RESEARCH SUPPORT / CLINICAL TRIALS**

### ***Active***

1. ROMA Woman Trial  
Award Type: Industry Award  
Role: Site Principal Investigator  
Support: Reimbursement for standard expenses  
Project Period: October 2023 – present

### ***Past***

1. TAVR Unload Trial  
Award Type: Industry Award  
Role: Site Co-Principal Investigator  
Support: Reimbursement for standard expenses  
Project Period: August 2018 – December 2022
2. Disparities in access to cardiac surgical care for vulnerable populations (Phase II)  
Collaboration with Medstar-Georgetown Surgical Outcomes Group  
Award Type: Division of Cardiothoracic Surgery Funds  
Role: Principal Investigator  
Support: \$17,000  
Project Period: September 2019 – December 2022
3. Factor XIa Inhibitor in Cardiopulmonary Bypass  
Award Type: eXlthera Industry Award  
Role: Principal Investigator  
Support: \$50,000 direct costs  
Project Period: August 2018 – July 2019
4. Disparities in access to cardiac surgical care for vulnerable populations (Phase I)  
Collaboration with Medstar-Georgetown Surgical Outcomes Group  
Award Type: Division of Cardiothoracic Surgery Funds  
Role: Principal Investigator  
Support: \$10,000 direct costs  
Project Period: August 2018 – August 2019
5. Feasibility of Transcatheter Aortic Valve Replacement in Low-Risk Patients with Symptomatic, Severe Aortic Stenosis  
Role: Site Co-Principal Investigator  
Support: Reimbursement for standard expenses  
Project Period: August 2016 – January 2018

6. A Retrospective Chart Review Study to Investigate Bleeding Risk and Blood Transfusion Requirements in Patients Undergoing Complex Cardiovascular Surgery in the United States  
Award Type: CSL Behring Industry Award  
Role: Site Principal Investigator  
Support: RIH total direct costs  
Project Period: October 2014 – April 2015
7. The EXCEL Clinical Trial  
Award Type: Industry Award  
Role: Site Co-Principal Investigator  
Support: Reimbursement for standard expenses  
Project Period: August 2012 – July 2014
8. The Role of the Mineralocorticoid Receptor in Vein Graft Intimal Hyperplasia  
Award Type: Department of Surgery Start-up Funds, Tufts Medical Center  
Role: Principal Investigator  
Support: \$ 150,000  
Project Period: February 2009 – July 2012
9. The Cost Effectiveness of Left Ventricular Assist Device Destination Therapy Compared to Cardiac Transplantation  
Award Type: Thoratec Corporation Industry Award  
Role: Principal Investigator  
Support: \$12,000  
Project Period: May 2010 – April 2011
10. The Role of the Mineralocorticoid Receptor in Vein Graft Intimal Hyperplasia  
Award Type: Tufts Medical Center Intramural Grant  
Role: Principal Investigator  
Support: \$30,000  
Project Period: February 2010 – January 2011
11. Genetic Engineering of Vein Grafts  
Award Type: American Heart Association Post-Doctoral Fellowship Grant  
Role: Principal Investigator  
Support: \$60,000  
Project Period: July 1998 – June 2000

## **UNIVERSITY TEACHING/ADVISORY ROLES**

1. Gross Anatomy Laboratory Instructor, Cardiac Anatomy Section  
Tufts University School of Medicine, 2008 – 2012  
1 Session, 15-20 students per session
2. Cardiovascular Pathophysiology Second Year Medical School Lecture  
Tufts University School of Medicine, 2009 – 2012  
1 Session, 75-100 students per session
3. Director, Cardiothoracic Surgery Clerkship  
The Warren Alpert Medical School of Brown University, August 2012 – present  
5 – 8 students per year
4. Co-Director, Cardiac Surgery Resident Education  
The Warren Alpert Medical School of Brown University, August 2012 – present  
2 – 3 residents per year
5. Small Group Facilitator, Pathophysiology Pharmacology & Physiology course, Cardiac Section  
Warren Alpert Medical School of Brown University, 2016 – present  
3 – 4 sessions per year, 8 students per session
6. Advanced Clinical Mentorship  
Warren Alpert Medical School of Brown University, 2017 – present  
1 student per session
7. Council of Specialty Career Advisors  
Warren Alpert Medical School of Brown University, 2020 – present  
2 – 4 students per year
8. Instructor, Surgical Anatomical Preclinical Elective  
Warren Alpert Medical School of Brown University, 2022 – present  
14 students per session
9. Faculty Mentor, Introduction to Cardiothoracic Surgery Pre-clerkship Elective  
Warren Alpert Medical School of Brown University, 2023  
10 students per year

## **HOSPITAL TEACHING ROLES**

1. Medical School Selective Program  
Tufts Medical Center, Boston, MA  
2005 – 2012
2. Thoracic Surgery Resident Clinical Training  
Tufts Medical Center, Boston, MA  
2004 – 2012
3. Thoracic Surgery Resident Didactic Lectures  
Tufts Medical Center, Boston, MA  
2004 – 2012
4. Surgery Core Clerkship  
Tufts Medical Center, Boston, MA  
2007 – 2011
5. Surgery Resident Lectures  
Tufts Medical Center, Boston, MA  
2008
6. Massachusetts Institute of Technology Physician Shadowing Program  
Tufts Medical Center, Boston, MA  
2008 – 2012
7. Anesthesia Residents Conference  
Tufts Medical Center, Boston, MA  
2009 - 2012
8. Cardiothoracic Surgery Clerkship Coordinator  
Tufts Medical Center, Boston, MA  
2010 – 2012
9. Interventional Cardiology Conference  
Tufts Medical Center, Boston, MA  
2011- 2012
10. Cardiothoracic Surgery Teaching Conference  
Rhode Island Hospital, Providence, RI  
2012 – present
11. Cardiology Fellows Teaching Conference  
Rhode Island Hospital, Providence, RI  
2013 – present



12. Interventional Cardiology Fellows Didactic Conference  
Rhode Island Hospital, Providence, RI  
2013 – present
13. Proctor for Resident Teaching Conference  
Rhode Island Hospital, Providence, RI  
2014 – 2016
14. Surgery Core Clerkship  
Rhode Island Hospital, Providence, RI  
2014 – present
15. Proctor for Junior Resident Mock Orals  
Rhode Island Hospital, Providence, RI  
2019 – present

### **CLINICAL TRAINEES**

1. Philip C. Ovidia, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2004 – 2005  
Currently: Cardiothoracic Surgeon at Heritage Valley Health System, Beaver, PA
2. Stephen A. Olenchock, D.O., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2004 – 2006  
Currently: Chief of Cardiovascular Surgery, St Luke's Hospital, Bethlehem, PA
3. Doraid Jarrar, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2005 – 2007  
Currently: Associate Professor of Surgery at Penn Medicine
4. Adrian J. Finol Hernandez, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2006 – 2008  
Currently: Assistant Professor, USF Health, The Villages, FL
5. Sylwia Karpinski, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2007 – 2009  
Currently: Cardiothoracic Surgeon at Lahey Clinic, Burlington, MA
6. Jamal F. Rabbi, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2008 – 2009  
Currently: Cardiothoracic Surgeon at Freeman Health System, Joplin, MO
7. Shyamasundar Balasubramanya, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2009 – 2011  
Currently: Assistant Professor of Surgery, University of California, Los Angeles

8. Amit Arora, M.D., Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2010 – 2012  
Currently: Cardiothoracic Surgeon at Mercy Health, Springfield, OH
9. Matheau Julien, M.D., Ph.D, Cardiothoracic Surgery Resident  
Tufts Medical Center, Boston, MA, 2011 – 2012  
Currently: Cardiothoracic Surgeon at Virginia Mason Hospital & Seattle Medical Center
10. Anu Abraham, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2014 – 2015  
Currently: Assistant Professor of Medicine, Cardiovascular Division, University of Utah
11. Rizwan Sardar, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2015 – 2016  
Currently: Memorial Medical Center, Las Cruces, New Mexico
12. Andrew Goldsweig, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2016 – 2017  
Currently: Director of the Cardiac Catheterization Laboratory and Director of Cardiovascular Clinical Research at Baystate Medical Center, Springfield, Massachusetts
13. William Prabhu, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2017 – 2018  
Currently: Interventional/Structural Cardiologist at Columbia University Irving Medical Center, New York, New York
14. Stephan Heo, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2017 – 2018  
Currently: Interventional/Structural Cardiologist at Catholic Medical Center, Manchester, NH
15. Charles Beale, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2018 – 2019  
Currently: Interventional/Structural Cardiologist at Southcoast Health, Fall River, MA
16. Chirag Bavishi, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2019 – 2020  
Currently: Interventional/Structural Cardiologist at University of Missouri, Columbia, MO
17. Marwan Saad, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2020 – 2021  
Currently: Assistant Professor of Medicine, Lifespan Cardiovascular Institute, Providence, RI
18. Aakash Garg, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2021 – 2022  
Currently: Cardiology Associates of Schenectady

19. Srikanth Yandrapalli, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2022 – 2023  
Currently: Structural Cardiologist, Upstate University Hospital
20. Hafiz Imran, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2023 – 2024  
Currently: Structural Cardiologist, Baystate Medical Center
21. Ahmed Elkaryoni, M.D., Structural Heart Fellow  
Rhode Island Hospital, Providence, RI, 2024 – present

### **RESEARCH SUPERVISION**

1. Adam P. McGraw, Ph.D., Post-doctoral Fellow  
Molecular Cardiology Research Institute, Tufts Medical Center, Boston, MA, 2009 – 2012  
Currently: Principal Scientist and Boston Scientific
2. Courtney Harris, B.S., Masters Candidate  
Tufts University School of Medicine, Boston, MA, 2010  
Currently: General Surgery Resident, Northwestern University - McGaw Medical Center, Chicago, IL
3. Kelsy Anderson, B.S., Summer Research Project  
Rhode Island Hospital, Providence, RI, 2015  
Currently: The Warren Alpert Medical School of Brown University
4. Leslie Parikh, M.D., Cardiology Fellow  
Rhode Island Hospital, Providence, RI, 2015 – 2017  
Currently: Cardiology Associates of Schenectady
5. Eirini Apostolidou, M.D., Masters Candidate  
Rhode Island Hospital, Providence, RI, 2017 – 2018  
Currently: Assistant Professor of Medicine at Weill Cornell Medical Center
6. Dhaval Kolte, M.D., Cardiology Fellow  
Rhode Island Hospital, Providence, RI, 2017 – 2018  
Currently: Instructor in Medicine at Massachusetts General Hospital
7. Syed Naeem, M.D., Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2016 – 2019
8. Charles Beale, M.D., Cardiology Fellow  
Rhode Island Hospital, Providence, RI, 2015 – 2019  
Currently: Interventional/Structural Cardiologist at Southcoast Health, Fall River, MA

9. James McDermott, Undergraduate Student  
Georgetown University, Washington, DC, 2018 – 2019  
Currently: Cardiothoracic Surgery Resident, Stanford University
10. Adam Eltorai, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2019 – 2020  
Currently: Radiology Resident, Brigham and Women's Hospital
11. Thomas Martin, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2019 – 2022  
Currently: Surgery Resident, Brigham and Women's Hospital
12. Catherine Karbasi, Undergraduate Student  
Rhode Island Hospital, Providence, RI, 2019 – 2020  
Currently: Medical Student
13. Andrew Del Re, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2020 – 2022  
Currently: Cardiothoracic Surgery Resident at Icahn School of Medicine at Mount Sinai
14. Brian Cohen, Surgery Resident  
Medstar Georgetown University Hospital, Washington, DC, 2020 – 2022  
Currently: Cardiothoracic Surgery Resident at Maimonides Medical Center
15. Ghazal Aghagoli, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2020 – 2021  
Currently: Obstetric and Gynecology, Duke University
16. Ashwin Palaniappan, Brown Undergraduate Student  
Rhode Island Hospital, Providence, RI, 2020 – 2021  
Currently: Medical Student, Brown University
17. Krishna Bellam, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2020 – 2023  
Currently: Medical Student, Brown University
18. Allison Navarrete-Welton, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2021 – 2024  
Currently: Cardiothoracic Surgery Resident, Duke University
19. Augusto Garcia-Agundez, Brown Undergraduate Student  
Rhode Island Hospital, Providence, RI, 2021 – present  
Currently: Post-doctoral research fellow, UC San Francisco
20. Mohammed Sabra, Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2021 – 2023  
Currently: Medicine Resident

21. Sharif Sabe, Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2021 – 2023  
Currently: Surgery Resident, Beth Israel Deaconess Medical Center
22. Madigan Stanley, Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2021 – 2023  
Currently: Surgery Resident, Brown University
23. Neel Vishwanath, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2022 – 2023  
Currently: Plastic Surgery Resident, Cleveland Clinic Foundation
24. Dwight Harris, Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2022 – 2024  
Currently: Surgery Resident, Beth Israel Deaconess Medical Center
25. Debolina Banarjee, Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2022 – 2024  
Currently: Surgery Resident, Brown University
26. Aiden Meyer, Brown Medical Student/Masters Candidate  
Rhode Island Hospital, Providence, RI, 2023 – present

## **MENTORING ACTIVITIES**

### ***High School Students:***

1. Sydney Souness, East Greenwich High School  
Rhode Island Hospital, Providence, RI, 2016  
Career advising
2. Cyrus Davoudi, East Greenwich High School  
Rhode Island Hospital, Providence, RI, 2022  
Career advising

### ***Undergraduate Students:***

1. Shadreck Ossei, University of Rhode Island  
Rhode Island Hospital, Providence, RI, 2017  
Career advising
2. Brandon Mensah, Undergraduate Student  
Rhode Island Hospital, Providence, RI, 2017  
Career advising

3. Nicie Grier-Spratley, Brown University  
Rhode Island Hospital, Providence, RI, 2017  
Career advising
4. Jaison Jain, Brown University  
Rhode Island Hospital, Providence, RI, 2017  
Career advising
5. Richard Byung Jin Han, Brown University  
Rhode Island Hospital, Providence, RI, 2017  
Career advising
6. Ijeoma Uche, Brown University  
Rhode Island Hospital, Providence, RI, 2018  
Career advising
7. Aisha Obeidallah, Brown University  
Rhode Island Hospital, Providence, RI, 2018  
Career advising
8. Sahar Sorek, University of Rhode Island  
Rhode Island Hospital, Providence, RI, 2019  
Career advising
9. Marina Carro, University of Rhode Island  
Rhode Island Hospital, Providence, RI, 2019  
Career advising
10. Sharon Zeldin, Brown University  
Rhode Island Hospital, Providence, RI, 2019  
Career advising
11. Joseph Namkung, Brown University  
Rhode Island Hospital, Providence, RI, 2021-present  
Career advising
12. William Petit, Brown University  
Rhode Island Hospital, Providence, RI, 2021-present  
Career advising

***Medical Students:***

1. Harikesh Subramanian, Manipal University Medical School, India  
Rhode Island Hospital, Providence, RI, 2013  
Career advising

2. Manja Woelter, Rostock University Medical School, Germany  
Rhode Island Hospital, Providence, RI, 2013  
Career advising
3. Suren Visvanathan, Kasturba Medical College Medical School, India  
Rhode Island Hospital, Providence, RI, 2014  
Career advising
4. David Penn, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2014  
Career advising
5. Jordan Sack, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2014  
Career advising
6. Jerry Nnanbu, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2014  
Career advising
7. Toby Emanuel, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2014  
Career advising
8. Walter Anazonwu, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2015  
Career advising
9. Elbert Heng, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2017  
Career advising
10. Joy Zhou, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2018  
Career advising
11. Connie Lu, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2019  
Career advising
12. Andrew Del Re, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2019-2022  
Career advising
13. Michael Zaskey, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2020-2021  
Career advising

14. Gustavo Gonzalez, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2020  
Career advising
15. Thomas Martin, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2020-2022  
Career advising
16. Krishna Bellam, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2020 – present  
Career Advising
17. Ashley Aldridge, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2021 – 2022  
Career advising
18. Alyssa Aldridge, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2021 – 2022  
Career advising
19. Madeline Chin, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2022  
Career Advising
20. Emilija Sagaityte, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2022  
Career Advising
21. Rhea Rasquinha, Brown Medical School  
Rhode Island Hospital, Providence, RI, 2022  
Career Advising
22. Allison Navarrete-Welton, Brown Medical Student  
Rhode Island Hospital, Providence, RI, 2023 – 2024  
Career Advising
23. Mohammed Sabra, Post-doctoral Fellow  
Rhode Island Hospital, Providence, RI, 2023 – 2024  
Career Advising

**Residents:**

1. Brittany Potz, Brown Surgery Program  
Rhode Island Hospital, Providence, RI, 2018 – 2019  
Career advising



2. Laura Scrimgeour, Brown Surgery Program  
Rhode Island Hospital, Providence, RI, 2018 – 2021  
Career advising
3. Madigan Stanley, Brown Surgery Program  
Rhode Island Hospital, Providence, RI, 2020 – present  
Career advising
4. Debolina Banarjee, Brown Surgery Program  
Rhode Island Hospital, Providence, RI, 2022 – present  
Career advising