

February 1st 2025

CURRICULUM VITAE
SHYAMAL R. ASHER, M.D., M.B.A. FASA

Rhode Island Hospital
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EDUCATION

Undergraduate	Clark University 2005-2008 B.A., Summa cum laude with highest honors in Biochemistry and Molecular Biology
Medical School	M.D., The Warren Alpert Medical School of Brown University 2008-2012
Other Advanced Degrees	M.B.A. with honors, University of Chicago Booth School of Business 2017-2019

POSTGRADUATE TRAINING

Residency	Anesthesiology, University of Chicago, 2012-2016
Fellowship	Cardiothoracic Anesthesiology, Brigham and Women's Hospital, 2016-2017

POSTGRADUATE HONORS AND AWARDS

2025 – Alpha Omega Alpha Honor Medical Society
2024 – The American Society of Anesthesiologists (ASA) Committee on Professional
Diversity Mentoring Grant.
2023 – Fellow of the American Society of Anesthesiologists (FASA).
2014- American Board Anesthesiology BASIC exam, Letter of Commendation for scoring
in the top 10% of all examinees.
2014- Midwest Anesthesia Resident Conference (MARC) Presentation Award, Ambulatory
section, MARC, Chicago, IL
2011- Medical Student Anesthesia Research Fellowship, Foundation for Anesthesia
Education and Research (FAER)
2008- David Doan Trager '64 Memorial Prize for Excellence in Biology, Clark University
2008- Senior Scholar Athlete Award, Clark University

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

2023 – Adult Cardiac Anesthesiology
2021 – Diagnostic POCUS Certificate Program, American Society of Anesthesiologists
2017- American Board of Anesthesiology
2017- Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography

ACADEMIC APPOINTMENTS

2019-present Assistant Professor of Anesthesiology, Clinician Educator, The Warren Alpert Medical School of Brown University, Providence, RI

2017-2019 Assistant Professor, Department of Anesthesia and Critical Care, University of Chicago, IL

HOSPITAL APPOINTMENTS

Rhode Island Hospital, Staff Anesthesiologist, 9/2019- present

UChicago Medicine, Staff Anesthesiologist, 9/2017-7/2019

HOSPITAL COMMITTEES

LPG Finance Committee, 2020- present

UNIVERSITY COMMITTEES

Brown University Council for Diversity in Medicine, 2019-present

Council of Specialty Career Advisors, Alpert Medical School, 2023-present

SERVICE ACTIVITIES

Vital Anesthesia Simulation Training (VAST) Steering Committee, Elected member. 2024-26

Volunteer instructor and faculty supervisor, University of Rwanda Department of Anesthesiology, March 6th to March 17th 2023

Volunteer Panelist, APOLLO Physician Peer Support Program, Lifespan Hospitals, October 2022-present

Volunteer instructor and faculty supervisor, University of Rwanda Department of Anesthesiology, March 16th to April 1st 2022

Volunteer senior exam question writer, University of Rwanda Anesthesiology training program, 2022- present

Appointed Lead of the American Society of Anesthesiologists-Global Health Committee
University of Rwanda anesthesiology training program, 2021-present

Faculty Mentor, MEDSTEP program (Mentoring and Educating Diverse Students and
Trainees to Excel as Physicians), The Warren Alpert Medical School of Brown University,
Providence, RI, 2020-present

MEMBERSHIP IN SOCIETIES

Rhode Island Society of Anesthesiologists
Treasurer 2024-present
Secretary 2022-24
Member 2020-22

American Society of Anesthesiologists
Committee member in the Committee on Global Health, 2020-present
Committee member in the Committee on Young Physicians, 2020-2022

Society of Cardiovascular Anesthesiologists
Committee member in the International Committee, 2021-present
Committee member in the Member Engagement Committee, 2018-2020

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER- REVIEWED JOURNALS

1. **Asher S**, Curry P, Sharma D, Vavilala M: Survival advantage and PaO₂ threshold in severe traumatic brain injury. J Neurosurg Anesthesiol 25 (2): 168-173, 2013, PMID: 23343758
2. Bui D, **Asher S**: Break the spasm with succinylcholine, but risk intraoperative awareness with undiagnosed pseudocholinesterase deficiency, Case reports in anesthesiology, vol. 2020, Article ID 8874617, 2020, PMID: 33014473.
3. **Asher SR**, Malzberg GW, Ong CS, Malapero RJ, Wang H, Shekar P et al. Joint preoperative transthoracic and intraoperative transoesophageal echocardiographic assessment of functional mitral regurgitation severity provides better association with long-term mortality. Interact CardioVasc Thorac Surg 2021;32:9–19. PMID: 33313764
4. Winegarner A, Lecamwasam H, Kendall MC, **Asher S**. Two Endotracheal Tubes in One Trachea with a Traumatic Injury. Case Rep Anesthesiol. 2021 May 11;2021:9912553. PMID: 34055417
5. **Asher S**, Maslow A, Mishra V, Flaherty D, Hayward G, Whiteneck S, Cheves T, Sweeney J. A Pilot Study to Assess the Clinical Onset of IV Heparin in Interventional Cardiology and Cardiac Surgery. J Cardiothorac Vasc Anesth. 2022 Dec;36(12):4281-4288. Epub 2022 Aug 5. PMID: 36100498

6. **Asher S**, Maslow A, Black R. Assessment of the MitraClip Procedure: Reassessing the Goals. *J Cardiothorac Vasc Anesth*. 2023 May;37(5):812-820. Epub 2022 Nov 5. PMID: 36402648.
7. **Asher SR**, Ong CS, Malapero RJ, Heydarpour M, Malzberg GW, Shahram JT, Nguyen TB, Shook DC, Shernan SK, Shekar P, Kaneko T, Citro R, Muehlschlegel JD, Body SC. Effect of concurrent mitral valve surgery for secondary mitral regurgitation upon mortality after aortic valve replacement or coronary artery bypass surgery. *Front Cardiovasc Med*. 2023 Sep 29;10:1202174. doi: 10.3389/fcvm.2023.1202174. PMID: 37840960; PMCID: PMC10570832.
8. Walsh KL, Yadav A, Cradeur M, Huang H, Lee D, Owusu-Dapaah H, Ji C, Kendall MC, **Asher S**. Impact of a Preclinical Medical Student Anesthesiology Elective on the Attitudes and Perceptions of Medical Students Regarding Anesthesiology. *Adv Med Educ Pract*. 2023 Nov 29;14:1347-1355. doi: 10.2147/AMEP.S427974. PMID: 38050578; PMCID: PMC10693776.
9. Sawka D, Yadav A, Kendall M, Diorio M, **Asher S**. The Impact of a new Anesthesiology Residency Program on the Number of Medical Students Matching into Anesthesiology at a Single Institution: A Retrospective Longitudinal Study. *Cureus*. 2023 Dec 17;15(12):e50677. doi: 10.7759/cureus.50677. PMID: 38229821; PMCID: PMC10791027.
10. John KN, Cradeur M, Hayward G, **Asher S**. Caught by POCUS: Post-TAVR Pericardial Effusion. *R I Med J* (2013). 2024 Jan 4;107(1):29-31. PMID: 38166074.
11. Bui D, Hayward G, Chen TH, Apruzzese P, **Asher S**, Maslow M, Gorgone M, Hunter C, Flaherty D, Kendall M, Maslow A. Hemodynamic Monitoring In The Cardiac Surgical Patient: Comparison of Three Arterial Catheters. *J Cardiothorac Vasc Anesth*. 2024 May;38(5):1115-1126. doi: 10.1053/j.jvca.2024.02.010. Epub 2024 Feb 13. PMID: 38461034.
12. John K, Berube B, Sawka D, **Asher SR**. A Novel Use of a Not So "EZ-Blocker" For Lung Isolation During a Direct Transaortic Transcatheter Aortic Valve Replacement. *Cureus*. 2024 Apr 12;16(4):e58110. doi: 10.7759/cureus.58110. PMID: 38738067; PMCID: PMC11088798.
13. Chen T, **Asher S**, Apruzzese P, Owusu-Dapaah H, Gonzalez G, Maslow A. Hypercapnia during transcatheter aortic valve replacement under monitored anaesthesia care: a retrospective cohort study. *Open Heart*. 2024;11(2):e002801. Published 2024 Aug 30. doi:10.1136/openhrt-2024-002801
14. Woolley PA, Kendall MC, Tacvorian S, **Asher S**. Integrating a Personal Finance Workshop to Enhance Financial Literacy Among Senior Medical Students: A Single Institution's Experience. *Adv Med Educ Pract*. 2024;15:885-891. Published 2024 Sep 25. doi:10.2147/AMEP.S474002
15. Stead TS, Chen TH, Maslow A, **Asher S**. Utility of Frailty Index in Predicting Adverse Outcomes in Patients With the Same American Society of Anesthesiologists Class in Video-assisted Thoracoscopic Surgery. *J Cardiothorac Vasc Anesth*. 2025;39(1):187-195. doi:10.1053/j.jvca.2024.10.028

16. Sawka D, Arthur A, Maslow A, **Asher S**. Rare Incidental Finding of an Interventricular Membranous Septal Aneurysm in an Adult Presenting for Aortic Valve Replacement. *Cureus* 17(3):e80519. Doi:10.7759/cureus.80519
17. Chen T, Galvan, LAV, Walsh KL, Winegarner A, Apruzzese P, **Asher S**, Maslow A. A Retrospective Review of the Deep Parasternal Intercostal Plane Block in Patients Undergoing Cardiac Surgery with Median Sternotomy. *J Clin Med*. 2025, 14, 2074. <https://doi.org/10.3390/jcm14062074>

OTHER PEER-REVIEWED PUBLICATIONS

1. Fazal A, Patoli D, **Asher S**. The Perfect Storm: Dynamic left ventricular outflow tract and the use of point of care cardiac ultrasound to guide intraoperative management. *JCA* 57(75-76), 2019, PMID: 30897367
2. Hayward G, **Asher S**, Gebhardt B, Maslow A. Right Ventricular Assessment: Are Regional Longitudinal Measurements of Value? *J Cardiothorac Vasc Anesth*. 2020 Aug ;34(8):2148-2151, PMID: 32418830.
3. Gebhardt BR, **Asher S**, Maslow A. The Limitations of Using Transthoracic Echocardiographic-Derived Normative Values for Grading Intraoperative Transesophageal Echocardiography Examinations of the Right Ventricle: Are They Really Interchangeable? *J Cardiothorac Vasc Anesth*. 2020 May; 34(5):1260-1262. PMID: 32178955
4. **Asher S**, Flaherty D, Bui D, Hayward GL. The Rib Sign, An Interesting TEE image. *J Clin Images*. 2023; 6(2):1148

BOOKS AND BOOK CHAPTERS

1. **Asher S**, Dickerson DM. Chapter 6- Acute Pulmonary Embolism. Perioperative Drill-Based Crisis Management. Cambridge, UK: Cambridge University Press. 2016
2. **Asher S**, Andrade R, Ruskin K. Clinical Information Resources. Gupta and Gelb's Essentials of Neuroanesthesia and Neurointensive Care 2nd ed. Cambridge University Press. 2018
3. **Asher S**, Minhaj M. Chapter 3- Stenotic Valvular Disease. Preoperative Assessment and Management 3rd ed. Lippincott Williams and Wilkins. 2018
4. **Asher S**. Chapter 27 - Aortic Arch Repair (Circulatory Arrest). Cardiac Anesthesia: A Problem Based Learning Approach. Oxford University Press. 2019
5. Ji C, Maslow A, Hayward G, **Asher S**. Chapter 14 - Monitoring Adequacy of perfusion during cardiopulmonary bypass. Clinical Perfusion for Cardiac Surgery. Springer Nature. In Press.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Asher S**, Protecting your most important asset – YOU: A primer on disability insurance, ASA Committee on Young Physicians personal finance blog, March 1st 2021
2. **Asher S**, New academic year, new benefits: A focus on health-related spending accounts, ASA Committee on Young Physicians personal finance blog, August 10th 2021

3. **Asher S**, Pisano D, Maslow A, A Literature review of “Echocardiographic predictors of successful ECMO weaning after refractory cardiogenic shock” SCA Newsletter. August 2021
4. Halline C, **Asher S**, Hunter C, Maslow A, Pro-Con Debate, Cerebral Oximetry: Routine use in cardiac surgery is not supported. SCA Newsletter. December 2021
5. **Asher S**, Crawford AM; ASA Global Health Overseas Training Programs: A Rwanda Update. *ASA Monitor* 2023; 87:22
doi: <https://doi.org/10.1097/01.ASM.0000924980.08965.a9>
6. Ryan Ference, River Black, Danny Bui, **Shyamal Asher**, Sheida Tabaie; ASA Global Health Overseas Training Programs: Rwanda Program Experience. *ASA Monitor* 2024; 88:e10–e11 doi: <https://doi.org/10.1097/01.ASM.0001025952.03859.c7>

OTHER MEDIA

1. Behind the Drapes Podcast, S1E1 “Dr. Shyamal Asher MD, MBA”, December 15th 2022
2. Behind the Drapes Podcast, S2E1 “Why does Financial Literacy Matter? (ft Dr. Shyamal Asher)” April 21st 2023
3. Behind the Drapes Podcast, S2E9 “Student Loans (ft Dr. Shyamal Asher MD, MBA)” June 16th 2023

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Walsh K, Sameul C, Asher S. Pilot Study of a Low Fidelity Anesthesiology Simulation for Fourth Year Medical Students. In press. *IJMS*. March 2025.
2. Sawka D, Kendall M, Derias N, Rajee A, Diorio M, **Asher S**. Objective improvement in performance of preclinical medical students using a clinical anesthesiology simulation scenario. Submitted. *AMEP*. September 2024.

ABSTRACTS

1. **Asher S**, Esposito M, Xie Z: Dexmedetomidine use for procedural sedation during G-tube placement in a patient with amyotrophic lateral sclerosis. Abstract #13. Society for Ambulatory Anesthesia 29th annual meeting, Baltimore, MD, 2014
2. **Asher S**, Nunnally M: Management of acute hypovolemia in a patient with a total artificial heart. Medically challenging case MC 710. American Society of Anesthesiologist annual meeting, New Orleans, LA, 2014.
3. **Asher S**, Ha J, Kacha A, Dickerson D: Multimodal analgesia in burn unit: management of severe pain in the setting of suboxone therapy. MC 99. American Society of Anesthesiologists annual meeting, New Orleans, LA, 2014.
4. **Asher S**, Minhaj M: Anesthetic considerations for beating heart robotic TECAB in patients with a symptomatic anomalous origin of the right coronary artery. Abstract #B222. Fellow and Resident Complex Cases. Society of Cardiovascular Anesthesiologists 37th meeting, Washington, D.C 2015.

5. **Asher S**, Silver D: Tracheo-Esophageal Fistula in an Adult due to Esophageal Malignancy: A Case Report and Review of Perioperative Implications and Management. TAS41. Thoracic Anesthesia Symposium, Orlando, FL, 2017.
6. **Asher S**, Malzberg G, Shekar P, Kaneko T, Huang C, McGurk S, Oxley B, Bloom J, Sundt T, Shahian D, Muehlschlegel J, Body S: Pre-operative Risk Score for Post-operative Atrial Fibrillation following Cardiac Surgery. SCA188. Society of Cardiovascular Anesthesiologists 39th annual meeting, Orlando, FL, 2017.
7. **Asher S**, Malzberg G, Shekar P, Kaneko T, Huang C, Shernan S, Muehlschlegel J, Body S: Does the Preoperative Transthoracic or Transesophageal Echocardiogram Better Predict Mortality after non-Mitral Valve Cardiac Surgery? SCA192. Society of Cardiovascular Anesthesiologists 39th annual meeting, Orlando, FL, 2017.
8. **Asher S**, Fitzgerald D, Trzcinka A, Prekallikrein deficiency: A challenge in management of anticoagulation on bypass. SCA156. Society of Cardiovascular Anesthesiologists 40th Annual Meeting, Phoenix, AZ 2018.
9. **Asher S**, Malapero, R Malzberg G, Shekar P, Kaneko T, Pelletier M, Mallidi H, Heydarpou M, Shook D, Shernan S, Muehlschlegel J, Body S: Effect of Concurrent Mitral Valve Replacement or Coronary Artery Bypass Surgery. SCA45. Society of Cardiovascular Anesthesiologists 40th Annual Meeting, Phoenix, AZ 2018.
10. Bui D, **Asher S**: The lifesaving uses of succinylcholine and the risks of the unknown. American Society of Anesthesiologists annual meeting, 2020
11. Mishra V, **Asher S**: Intravalvular insufficiency in the Edwards Inspiris Resilia bioprosthetic aortic valve immediately post cardiopulmonary bypass. American Society of Anesthesiologists annual meeting, 2020
12. Hoffman I, Flaherty D, **Asher S**, Maslow A, MitraClip Use in dynamic LVOT obstruction: A case of more harm than good? SCA 2021 Annual Meeting
13. Mishra V, Flaherty D, **Asher S**, Hypopharyngeal Perforation Creating a False Lumen: A Fatal Complication of Transesophageal Echocardiography, SCA 2021 Annual Thoracic Anesthesia Symposium
14. Winegarner A, Lecamwasam H, Kendall MC, **Asher S**. Two Endotracheal Tubes in One Trachea with a Traumatic Injury. ASA Annual Meeting, San Diego CA, 2021
15. Park S, Maslow A, **Asher S**. Laceration of the Anterior Mitral Leaflet to Prevent Left Ventricular Outflow Obstruction During Transcatheter Mitral Valve Replacement. ASA Annual Meeting, New Orleans, LA, October 2022.
16. Black R, **Asher S**. Perioperative Management of Perioperative Q-fever Endocarditis in a patient requiring an Aortic and Mitral Valve Replacement. ASA Annual Meeting, New Orleans, LA, October 2022.
17. Sawka D, Ly E, Kendall M, **Asher S**, Ramanujum V. Use of peripheral nerve block in a patient with severe pulmonary hypertension. ASA Annual Meeting, San Francisco, CA. October 2023.
18. Ji C, Walsh K, Yadav A, Huang H, Kendall M, **Asher S**. Anesthesiology elective for first- and second-year medical students: Attitudes and perceptions of preclinical medical students regarding the field of anesthesiology. ASA Annual Meeting, San Francisco, CA. October 2023.

19. Ji C, **Asher S**, Chen T, Flaherty D, Maslow A. Successful repair of post MI VSD and LV free wall rupture with pseudoaneurysm: Value of delayed repair and comprehensive imaging. ASA Annual Meeting, San Francisco, CA. October 2023.
20. Kaplan E, **Asher S**, Chen T, Maslow A. An unusual cause of hypotension and dyspnea post mitral clip identified with POCUS. ASA Annual Meeting, San Francisco, CA. October 2023.
21. Stead T, Kulubis S, **Asher S**, Utility of Frailty Index in Predicting Adverse Outcomes in Patients with the Same ASA Class in VATS. A3350. ASA Annual Meeting, Philadelphia, PA. October 2024.
22. Seidler N, Martindale J, Dorfman D, Sawka D, Lou M, Dwyer K, **Asher S**. The SoundWave Symposium Delivers Impactful Ultrasound Training for Medical Students. A3186. ASA Annual Meeting, Philadelphia, PA. October 2024.
23. Araia E, Frondorf B, Chen T, **Asher S**. A Case of a Massive Aortic Aneurysm - Unique challenges and a review of anesthetic considerations. M1724. ASA Annual Meeting, Philadelphia, PA. October 2024.
24. **Asher S**, Sawka D, Arthur A, Anosike K. Incidental Interventricular Membranous Septal Aneurysm Diagnosed in an Adult Undergoing Aortic Valve Replacement. M1953. ASA Annual Meeting, Philadelphia, PA. October 2024.
25. Cuirlino B, Chen T, **Asher S**. Large Pericardial Effusion with RV Collapse, but is it Tamponade? MP303. ASA Annual Meeting, Philadelphia, PA. October 2024.
26. Hocevar M, Cho D, Long S, Apenyo T, **Asher S**. Insights into Public Perspective: Analysis of Colonoscopy Anesthesia Policy Changes in Massachusetts. A3260. ASA Annual Meeting, Philadelphia, PA. October 2024.
27. Berube R, Chen J, Derias N, **Asher S**. Improving "Litter-acy": Implementation of a Solid Waste Stream in the Perioperative setting. Q154. ASA Annual Meeting, Philadelphia, PA. October 2024.

INVITED PRESENTATIONS

Regional

- Presenter, "Paravalvular leak: To fix or not to fix?" Boston Perioperative Echo Conference, Beth Israel Deaconess Medical Center, December 8th 2016
- Grand Rounds presentation, "Perioperative Cardiac arrests" Department of Anesthesiology, Rhode Island Hospital, Providence RI, April 21st 2021
- Invited speaker, "Personal Finance for the Graduating Medical Student" The Warren Alpert Medical School of Brown University, Providence, RI, April 27th 2021
- Invited speaker, "Diagnostic Point of Care Ultrasound" Rhode Island Society of Anesthesiologists Membership Meeting, Providence RI, June 15th 2021

- Course lecturer, “General Anesthetics” BIOL3663 IMS Pulmonary Curriculum, The Warren Alpert Medical School of Brown University, September 14th 2021
- Invited Speaker, “Personal Finance for the graduating medical student: BIOL 5990 Internship Preparatory Course, The Warren Alpert Medical School of Brown University, February 8th 2022
- Grand Rounds presentation, “Brown Anesthesiology Goes Global, Improving Health Through Education” Department of Anesthesiology, Rhode Island Hospital, Providence RI, May 4th 2022
- Course lecturer, “General Anesthetics” BIOL3663 IMS Pulmonary Curriculum, The Warren Alpert Medical School of Brown University, September 14th 2022
- Invited Speaker, “Personal Finance for the graduating medical student” BIOL 5990 Internship Preparatory Course, The Warren Alpert Medical School of Brown University, January 25th 2023
- Grand Rounds presentation, “Global Health Elective Rwanda 2023” Department of Anesthesiology, Rhode Island Hospital, Providence RI, May 4th 2023
- Course lecturer, “General Anesthetics” BIOL3663 IMS Pulmonary Curriculum, The Warren Alpert Medical School of Brown University, September 13th 2023
- Invited Speaker, “Healthcare Inequities Retreat,” Department of Anesthesiology, Rhode Island Hospital, Providence, RI, January 30th 2024
- Invited Speaker, “Personal Finance for the graduating medical student” BIOL 5990 Internship Preparatory Course, The Warren Alpert Medical School of Brown University, February 12th 2024
- Course lecturer, “General Anesthetics” BIOL3663 IMS Pulmonary Curriculum, The Warren Alpert Medical School of Brown University, September 11th 2024
- Invited Speaker, “Gastric POCUS” Faculty Development Workshop, Department of Anesthesiology, Rhode Island Hospital, Providence, RI, October 5th 2024
- Invited Speaker, “Healthcare Inequities Retreat,” Department of Anesthesiology, Rhode Island Hospital, Providence, RI, January 28th 2025
- Invited Speaker, “Personal Finance for the graduating medical student” BIOL 5990 Internship Preparatory Course, The Warren Alpert Medical School of Brown University, January 29th 2025

- Moderator and Speaker, POCUS and Advanced Regional Anesthesiology Techniques for Residents and Fellows, 2021 American Society of Anesthesiologists Annual Meeting, San Diego CA, October 9-10th, 2021
- Speaker, POCUS and Advanced Regional Anesthesiology Techniques for Residents and Fellows, 2022 American Society of Anesthesiologists Annual Meeting, New Orleans, LA October 22-23rd, 2022
- Peer reviewed presentation, Personal Finance for the new (or in-training) anesthesiologist – what you should do be doing with your money right now. 2022 American Society of Anesthesiologists Annual Meeting, New Orleans, LA October 22-23rd, 2022
- Peer reviewed presentation, Preparing the next generation of anesthesiologists – from preclinical education to applying into residency. 2024 American Society of Anesthesiologists Annual Meeting, Philadelphia, PA. October 19-22nd, 2024
- Speaker, Transthoracic Echocardiography in the Perioperative Setting: A Case-Based Discussion. CF407. 2024 American Society of Anesthesiologists Annual Meeting, Philadelphia, PA. October 22nd, 2024

International

- Invited lecturer, “Basic principles of Cardiopulmonary bypass” Georgetown Public Hospital, Anesthesia and Intensive Care postgraduate program, Georgetown, Guyana, January 18th, 2022

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES*

- **Course Director**, BIOL-6704 Anesthesia: Much More Than Putting You to Sleep, preclinical elective. The Warren Alpert Medical School of Brown University, Providence, RI, 2020-present
- **Co-Director**, Anes-4012, Perioperative clinical anesthesiology elective teaching of 3rd and 4th year medical students, The Warren Alpert Medical School of Brown University, Providence, RI, 2020- present
- **Faculty Advisor**, Anesthesiology Interest Group, The Warren Alpert Medical School of Brown University, Providence, RI, 2021-present
- **Faculty Advisor**, IS-7100, Independent Study Course, Eric Smith MD’24, “Mechanisms of emerging from anesthesia induced by xylazine.” The Warren Alpert Medical School of Brown University, Providence, RI, 2024.
- **Faculty Mentor**, ACM-3567, Advanced Clinical Mentorship, Kevin Eappen MD’25, The Warren Alpert Medical School of Brown University, Providence, RI, 2024.

- **Faculty Mentor**, ACM-3567, Advanced Clinical Mentorship, Jesse Menville MD’24, The Warren Alpert Medical School of Brown University, Providence, RI, 2024.
- **Faculty Mentor**, ACM-3567, Advanced Clinical Mentorship, Nicholas Seidler MD’24, The Warren Alpert Medical School of Brown University, Providence, RI, 2023.
- **Faculty Advisor**, IS-7100, Independent Study Course, Collin Dickerson MD’22, “Effects of obesity and prone positioning on Intraoperative Pulmonary Mechanics,” The Warren Alpert Medical School of Brown University, Providence, RI, 2021.
- **Faculty Mentor**, ACM-3567, Advanced Clinical Mentorship, Daniel Cho MD’23, The Warren Alpert Medical School of Brown University, Providence, RI, 2021.
- **Course Lecturer**, BIOL3663 IMS Pulmonary Curriculum, Lecture on General Anesthesia. The Warren Alpert Medical School of Brown University, Providence, RI, 2021-present
- **Course Lecturer**, Ultrasound Curriculum 1st and 2nd year medical students, The Warren Alpert Medical School of Brown University, Providence, RI, 2021-present
- **Course Lecturer**, BIOL-5990 Internship Prep Course. The Warren Alpert Medical School of Brown University, Providence, RI, 2019-present
- **Clerkship Attending**, Perioperative clinical anesthesiology teaching of 3rd and 4th year medical students, The Warren Alpert Medical School of Brown University, Providence, RI, 2019- present
- **Course Lecturer**, BIOL-6704 Anesthesia: Much More Than Putting You to Sleep, preclinical elective. The Warren Alpert Medical School of Brown University, Providence, RI, 2019-2020
- **Medical Student Surgery Clerkship Mentor**. Mentoring of medical students in perioperative anesthetic care. University of Chicago, Chicago, IL 2017-2019
- **Instructor**, Ultrasound Workshop, University of Chicago Department of Anesthesia and Critical Care 32nd Annual CME Conference, Drake Hotel, Chicago, IL 2018
- **Instructor**, Airway Workshop, University of Chicago Department of Anesthesia and Critical Care 31st Annual Conference, Drake Hotel, Chicago, IL 2017

GRADUATE MEDICAL EDUCATION – RESIDENT EDUCATION

- **Faculty Supervisor**, Global Health Elective at the University of Rwanda, Department of Anesthesiology, Rhode Island Hospital, Providence, RI, 2022-present

- **Co-Course Leader and Lecturer**, Combined POC, TTE and TEE Echocardiography Resident Curriculum, Department of Anesthesiology, Rhode Island Hospital, Providence, RI, 2021-present
- **Course Leader and Lecturer**, Basic Perioperative TEE Curriculum. Department of Anesthesiology, Rhode Island Hospital, Providence, RI, 2019-2020
- **Lecturer**, Resident core curriculum, Department of Anesthesiology, Rhode Island Hospital, Providence, RI, 2019-present
- **Anesthesiology Attending**, Perioperative clinical anesthesiology teaching of residents, Department of Anesthesiology, Rhode Island Hospital, Providence, RI, 2019-present
- **Course Leader and Lecturer**, Perioperative Ultrasound Longitudinal Sonographic Curriculum (PULSE). University of Chicago, Chicago, IL, 2018-2019
- **Course Leader and Lecturer**, Basic Perioperative TEE Curriculum. University of Chicago, Chicago, IL, 2017-2019.
- **Lecturer**, Resident core curriculum, Department of Anesthesia and Critical Care, University of Chicago, Chicago, IL, 2017-2019
- **Anesthesiology Attending**, Perioperative clinical anesthesiology teaching of residents, Department of Anesthesia and Critical Care, University of Chicago, Chicago, IL, 2017-2019

DIVERSITY, EQUITY and INCLUSION (Summary)

- The 2024 American Society of Anesthesiologists (ASA) Committee on Professional Diversity Mentoring Grant. “Early anesthesia career exploration, research and advocacy program for URiM medical students.”
- Invited Speaker, “Healthcare Inequities Retreat,” Department of Anesthesiology, Rhode Island Hospital, Providence, RI, January 28th 2025
- Vital Anesthesia Simulation Training (VAST) Steering Committee, Elected member. 2024-26
- Invited Speaker, “Healthcare Inequities Retreat,” Department of Anesthesiology, Rhode Island Hospital, Providence, RI, January 30th 2024
- Volunteer instructor and faculty supervisor, University of Rwanda Department of Anesthesiology, March 6th to March 17th 2023
- Volunteer Instructor and Faculty Supervisor, University of Rwanda Department of Anesthesiology, March 16th to April 1st 2022

- Volunteer senior exam question writer, University of Rwanda Anesthesiology training program, 2022- present,
- Appointed Lead of the American Society of Anesthesiologists-Global Humanitarian Outreach Committee (ASA-GHO) University of Rwanda anesthesiology training program, 2021-present
- Faculty Mentor, MEDSTEP program (Mentoring and Educating Diverse Students and Trainees to Excel as Physicians), The Warren Alpert Medical School of Brown University, Providence, RI, 2020-present
- Committee member, Brown University Council for Diversity in Medicine, 2019-present