CURRICULUM VITAE
MATTHEW DMITRI JANKOWICH, M.D.

Providence VA Medical Center
830 Chalkstone Avenue
Providence, Rhode Island 02908
Office: (401) 273-7100 x1-3436
Fax: (401) 525-2532
matthew_jankowich@brown.edu

EDUCATION

1994	Dartmouth College, Hanover, NH A.B. cum laude Genetics, Cell and Developmental Biology
1999	Ohio State University College of Medicine, Columbus, OH M.D.

POST-GRADUATE TRAINING

1999- 2000	Intern, Internal Medicine, Yale-New Haven Hospital, New Haven, CT
2000-2001	Resident, Diagnostic Radiology Boston Medical Center, Boston, MA
2001-2003	Resident, Internal Medicine Beth Israel Deaconess Medical Center, Boston, MA
2004-2007	Fellowship, Pulmonary and Critical Care Medicine Brown Medical School, Providence, RI

POSTGRADUATE HONORS AND AWARDS

2010:	Certificate of Recognition for Exemplary Teaching, Warren Alpert Medical School of Brown University, BIOL 3663 IMS III: Pulmonary Small Groups
2011:	Certificate of Recognition for Exemplary Teaching, Warren Alpert Medical School of Brown University, BIOL 3662 IMS III: Pulmonary
2012:	Dean's Excellence in Teaching Award, Warren Alpert Medical School of Brown University, BIOL 3662 IMS III: Pulmonary
2014:	Certificate of Recognition for Exemplary Teaching in BIOL 3662 IMS III: Pulmonary, Warren Alpert Medical School of Brown University
2015:	Teacher of the Year Award, Division of Pulmonary, Critical Care and Sleep Medicine, Warren Alpert Medical School of Brown University

2016:	Dean's Excellence in Teaching Award, Warren Alpert Medical School of Brown University, BIOL 3662 IMS III: Pulmonary
2018:	iCare Award, Providence VA Medical Center
2018:	Master of Arts *ad eundem*, Brown University
2019:	Letter of Recognition, "Positive Champion of the Learning Environment", Warren Alpert Medical School of Brown University
2019:	Dean's Excellence in Teaching Award, Warren Alpert Medical School of Brown University, Clerkship in Medicine
2024:	*CHEST* journal – A 2024 "Top Reviewer" recognition
2025:	*CHEST* journal – A 2025 "Top Reviewer" recognition

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Diplomate in Internal Medicine, American Board of Internal Medicine: Certified, August 2004

Diplomate in Pulmonary Disease, American Board of Internal Medicine: Certified, October 2006.

Diplomate in Critical Care Medicine, American Board of Internal Medicine: Certified, October 2007.

Massachusetts Board of Registration in Medicine, license number 214099; license issued August 7th, 2002.

ACADEMIC APPOINTMENTS

July 2007-June 2009	Instructor in Medicine, Alpert Medical School of Brown University
July 2009-June 2017	Assistant Professor of Medicine, Alpert Medical School of Brown University
July 2017-	Associate Professor of Medicine, Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

2007-	Staff physician, Division of Pulmonary and Critical Care Medicine, Providence VA Medical Center
2007-	Investigator, Vascular Research Laboratory, Providence VA Medical Center,
2007-2013 2015-2016 2019-2020	Medical Director, Intensive Care Unit, Providence VA Medical Center

2012- Co-Director (Clinical/Pulmonary), Pulmonary Hypertension Clinic, Providence VA Medical Center
--This is a unique multidisciplinary clinic that serves patients with known or suspected pulmonary hypertension at the Providence VA Medical Center; the clinic is staffed by both pulmonary medicine and cardiology physicians and has served as an educational site for preventive cardiology fellows, pharmacy residents, students and other trainees, as well as a hub for an expanding amount of translational and clinical pulmonary hypertension research.

2020-2021 Co-Director (Intensivist), COVID-19 Inpatient Unit, Providence VA ` Medical Center
--Director of pulmonary and critical care for COVID-19 inpatient unit, attending physician for critically ill COVID-19 patients.

2021 (May)- Associate Chief of Staff/Education, Providence VA Medical Center
--VA Providence Healthcare System education learning leader with oversight and responsibility for affiliated clinical trainee programs at the medical center

HOSPITAL COMMITTEES

2007- Member, Lung Cancer Management Committee, Providence VA Medical Center

2007-2013 Chair, Special Care Committee, Providence VA Medical Center
2015-2016
2019-2020 *--This committee focuses on issues related to emergency and intensive care medicine at the Providence VA Medical Center, including resuscitation review and critical care policy development.*

2010-2010 Member, Peer Review Committee, Providence VA Medical Center

2015- Member, Operative and Invasive Procedures Committee, Providence VA Medical Center

2021- Chair, Education Leadership Committee, Providence VA Medical Center

2024-2025 Member, Research and Development Committee, Providence VA Medical Center

OTHER APPOINTMENTS

Editorial Board Member
Physiological Reports (2021-)

Ad hoc reviewer for:
Allergy, Asthma & Clinical Immunology (2015)
American Journal of Epidemiology (2019)
American Journal of Respiratory and Critical Care Medicine (2021, 2022, 2025)
Annals of the American Thoracic Society (2019 x 2, 2020, 2021, 2022 x 2, 2023 x 2, 2024 x 4)
BMC Cardiovascular Disorders (2015)
BMC Pulmonary Medicine (2012, 2013)
British Journal of Anaesthesia (2017)

Case Reports in Pulmonology (2017)
Chest (2012, 2013, 2016, 2017, 2021 x 3, 2022 x 3, 2023, 2024, 2025 x 2, 2026 x 4)
European Respiratory Journal (2010, 2012-2015)
Frontiers in Cardiovascular Medicine (2021)
Heart & Lung: The Journal of Acute and Critical Care (2013, 2017-2019)
Hypertension (2023)
International Journal of Chronic Obstructive Pulmonary Disease (2011, 2014-2016)
JAMA Cardiology (2017, 2020, 2026)
Journal of Alternative and Complementary Medicine (2015)
Journal of Alzheimer's Disease (2022)
Journal of Epidemiology & Community Health (2020)
Journal of Thoracic Disease (2018)
Lipids in Health and Disease (2025)
Lung (2010, 2011, 2013, 2014)
Physiological Reports (2020, 2021 x 2, 2022, 2023 x 3, 2024 x 2, 2026 x 1)
PLoS One (2011, 2014-2018)
Pulmonary Circulation (2021, 2023, 2025)
Respiration (2014, 2015)
Respiratory Research (2014, 2023, 2025)
Respirology (2009-2015)
Thorax (2015)

Professional Society Committees and Appointments:

2009-2012 Member, Young Academicians Working Group, Critical Care Assembly, American Thoracic Society.

2015-2016 Member, Quality Improvement Committee, American Thoracic Society
--This committee evaluates quality standards related to pulmonary, critical care and sleep medicine and considers opportunities for ATS participation in performance improvement movements in order to advance the quality and science behind performance improvement.

2010- Abstract Reviewer, American College of Chest Physicians annual meetings: (CHEST 2010 Annual Meeting, CHEST 2011 Annual Meeting, CHEST 2012 Annual Meeting, CHEST 2014 Annual Meeting, CHEST 2015 Annual Meeting, CHEST World Congress 2016, CHEST 2016 Annual Meeting, CHEST 2017 Annual Meeting, CHEST 2020 Annual Meeting, CHEST 2021 Annual Meeting, CHEST 2022 Annual Meeting, CHEST 2023 Annual Meeting, CHEST 2024 Annual Meeting, CHEST 2026 Annual Meeting)

Search Committees

2021 Member, Search Committee for Chief of Cardiology, Providence VA Medical Center
Outcome: Search completed and position filled

2022 Member, Search Committee for Associate Dean of Medical Education, Warren Alpert Medical School of Brown University
Outcome: Search completed and position filled

2024 Member, Search Committee for Department Chair of Surgery, Warren Alpert Medical School of Brown University and Surgeon-in-Chief, Lifespan
Outcome: Search completed and position filled

Other:

2012-2013 & 2013-2014	Co-organizer, Brown Pulmonary Research Conference Seminar Series
2021-	Member, Board of Directors, Ocean State Research Institute
2018-	Member, Executive Committee, Ronald McDonald House Charities of New England Providence Running Club
2024-	Member, BETTER COPD-PH study Steering Committee

MEMBERSHIP IN SOCIETIES

2005-	American Thoracic Society
2008-	American Association of Bronchology and Interventional Pulmonology
2009-	American College of Chest Physicians
	2009- Fellow, American College of Chest Physicians
2010-	Rhode Island Thoracic Society 2010-
	2013-2014: Vice president
	2014-2015: President
2015-	Pulmonary Vascular Research Institute

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Jankowich MD, Wahidi MM, Feller-Kopman D, and Ernst A. Pulmonary alveolar proteinosis diagnosed in pregnancy and managed with whole-lung lavage. *J of Bronchology* 2006; 13(4): 204-206. doi: 10.1097/01.lbr.0000212545.32835.2d.

2. Lu Q, Harrington EO, Newton J, Jankowich M, and Rounds S. Inhibition of ICMT induces endothelial cell apoptosis through GRP94. *Am J Respir Cell Mol Biol* 2007; 37(1): 20-30. PMID 17347446.

3. Jankowich M, Sameed YA, and Abu-Hijleh, M. A 21-year-old man with fever and sore throat rapidly progressive to hemoptysis and respiratory failure. Diagnosis: Lemierre syndrome with Fusobacterium necrophorum sepsis. *Chest* 2007; 132: 1706-1709. PMID 17998376.

4. Jankowich M, Polsky M, Klein M, and Rounds S. Heterogeneity in combined pulmonary fibrosis and emphysema. *Respiration* 2008; 75: 411-417. PMID 17684315.

5. Lu Q*, Jankowich M*, Newton J, Harrington EO, Rounds S. Alterations in molecular chaperones and EIF2α during lung endothelial cell apoptosis. *Amer J Physiol: Lung Cellular and Molecular Physiology* 2010; 298: L501-L508. (*Equal contributions). PMID 20097734.

6. Jankowich M, Taveira T, Wu W-C. Decreased lung function is associated with increased arterial stiffness as measured by peripheral pulse pressure: data from NHANES III. *Am J Hypertens* 2010; 23; 614-619. PMID 20224559.*
   *Comment in: Bolton CE, Cockcroft JR. Lung function and cardiovascular risk: a stiff challenge? *Am J Hypertens* 2010; 23: 584.

7. Jankowich MD, Rounds S. Combined pulmonary fibrosis and emphysema results in altered physiology but has similar mortality to pulmonary fibrosis without emphysema. *Lung* 2010; 188: 365-373. PMID 20614219.

8. Jankowich M, Choudhary G, Taveira TH, Wu WC. Age-, race-, and gender-specific prevalence of diabetes among smokers. *Diabetes Res Clin Pract* 2011; 93: 101-105. doi:10.1016/j.diabres.2011.05.29. PMID 21680039.

9. Jankowich MD, Rounds SI. Combined pulmonary fibrosis and emphysema syndrome—a review*. *Chest* 2012; 141(1): 222-231. PMID: 22215830.
   *Over 450 citations per Google Scholar

10. Sears EH*, Jankowich MD, Healey TT. A slow growing non-calcified airway mass. *Med Health RI* 2012; 95: 264-265. PMID: 22970471.
   *Fellow, Pulmonary and Critical Care Medicine, Brown University

11. Maron BA, Choudhary G, Khan U, Jankowich MD, McChesney H, Ferrazzani SJ, Gaddam S, Sharma S, Opotowsky AR, Bhatt DL, Rocco TP, Aragam JR. The clinical profile and under-diagnosis of pulmonary hypertension in U.S. veteran patients. *Circulation Heart Fail* 2013; 6(5): 906-912. [Epub ahead of print Jun 27]. PMID: 23811965.

12. Choudhary G, Jankowich M, Wu W-C. Prevalence and clinical characteristics associated with pulmonary hypertension in African-Americans. *PLoS ONE* 2013 Dec 16; 8(12): e84264. PMID: 24358351.

13. Maron BA, Goldstein RH, Rounds SI, Shapiro S, Jankowich M, Garschick E, Moy ML, Gagnon D, Choudhary G. Study design and rational for investigating phosphodiesterase type 5 inhibition for the treatment of pulmonary hypertension due to chronic obstructive lung disease: the TADA-PHiLD (TADAlafil for Pulmonary Hypertension associated with chronic obstructive Lung Disease) trial. *Pulmonary Circulation* 2013 Dec; 3(4): 889-897. PMID: 25006405.

14. Choudhary G, Jankowich M, Wu W-C. Elevated pulmonary artery systolic pressure predicts heart failure admissions in African Americans: Jackson Heart Study. *Circulation Heart Failure*, 2014 Jul; 7(4): 558-564. PMID: 24902739.

15. Steiner J*, Wu W-C, Jankowich M, Maron BA, Sharma S, Choudhary G. Echocardiographic predictors of mortality in patients with pulmonary hypertension and cardiopulmonary comorbidities. *PLoS ONE* 2015 Mar 16; 10(3): e0119277. PMID: 25774911.
   *Fellow, Cardiology, Brown University

16. Wojtaszczyk A*, Jankowich M. Dyspnea on daptomycin: eosinophilic pneumonia. *RI Med J (2013)*. 2015 Jun 1; 98(6): 41-43. PMID: 26020264.
   *Resident, Internal Medicine, Brown University

17. Godfrey MS*, Jankowich MD. The Vital Capacity is Vital: Epidemiology and Clinical Significance of the Restrictive Spirometry Pattern. *Chest* 2016; 149(1): 238-251. Doi: 10.1378/chest. 15-1045. Epub 2016 Jan 6. Review. PMID: 26356330.
   *Resident, Internal Medicine, Brown University

18. Jankowich M, Wu W-C, Choudhary G. Elevated plasma endothelin-1 levels are associated with pulmonary hypertension, mortality and heart failure in African-American Individuals: the Jackson Heart Study. *JAMA Cardiology* 2016 Jul 1; 1(4): 461-469. PMID: 27438323.

19. Okereke IC, Bates MF, Jankowich MD, Rounds SI, Kimble BA, Baptiste JV*, Ng TT, Nici LL. Effects of implementation of lung cancer screening at one Veterans Affairs Medical Center. *Chest* 2016 Nov; 150(5): 1023-1029. Epub 2016 Aug 25. PMID: 27568228.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

20. Uppal P, LaPlante KL, Gaitanis MM, Jankowich MD, Ward KE. Daptomycin-Induced Eosinophilic Pneumonia – A Systematic Review. *Antimicrobial Resistance and Infection Control* 2016; 5: 55. DOI 10.1186/s13756-106-0158-8. eCollection 2016. Review. PMID: 27999664.

21. Jankowich M, Elston B, Evans SK*, Wu W-C, Choudhary G. Relationship of iron deficiency and serum ferritin levels with pulmonary hypertension: The Jackson Heart Study. *PLoS ONE* 2016; 11(12): e0167987. doi:10.1371/journal.pone.0167987. eCollection 2016. PMID: 27973582.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

22. Jankowich M, Hebel R, Jantz J*, Abbasi S, Choudhary G. Multispecialty Pulmonary Hypertension Clinic in the VA. *Pulm Circ.* 2017; Oct-Dec;7(4): 758-767. doi: 10.1177/2045893217726063. Epub 2017 Aug 22. PMID: 28770656.
    *Fellow, Preventive Cardiology, Brown University

23. Jankowich M, Elston B, Liu Q*, Abbasi S, Wu WC, Blackshear C, Godfrey M**, Choudhary G. Restrictive spirometry pattern, cardiac structure and function, and incident heart failure in African-Americans: The Jackson Heart Study.† *Ann Am Thorac Soc* 2018 Oct; 15(10): 1186-1196. doi: 10.1513/AnnalsATS.201803-184OC. PMID: 30011374.
    *PhD Candidate, Department of Epidemiology, Brown University
    **Resident/Chief Resident, Internal Medicine
    †Comment in: Balasubramanian A, Putcha N. "Restrictive Spirometry and Cardiovascular Risk: Cause or Comorbidity?" *Ann Am Thoracic Soc* 2018; 15:1142-1143.

24. Gartman E*, Jankowich M*, Baptiste J**, Schiff A**, Nici L. Outcomes of the first three years of a lung cancer screening program at a Veterans Affairs Medical Center. *Ann Am Thorac Soc* 2018 Nov; 15(11): 1362-1365. doi 10.1513/AnnalsATS201805-298RL. PMID: 30059245.
    *Equal contributions
    **Fellows, Pulmonary and Critical Care Medicine, Brown University

25. Kolte D*, Laskshmanan S**, Jankowich MD, Brittain EL, Maron BA, Choudhary G. Mild pulmonary hypertension is associated with increased mortality: a systematic review and meta-analysis. *J Am Heart Assoc* 2018; Sep 18; 7(18): e009729. DOI: 10.1161/JAHA.118009729. PMID: 30371195.
    *Fellow, Cardiology, Brown University
    **Master's degree candidate, Brown University

26. Jankowich M, Choudhary G. Endothelin-1 levels and cardiovascular events. *Trends Cardiovasc Med* 2019 Feb 1. pii: S1050-1738(18)30233-0. doi: https://doi.org/10.1016/j.tcm.2019.01.007. [Epub ahead of print] Review. PMID: 30765295.

27. Jankowich M, Abbasi SA, Vang A, Choudhary G. Right ventricular fibrosis is related to pulmonary artery stiffness in pulmonary hypertension: a cardiac magnetic resonance imaging study. *Am J Respir Crit Care Med* 2019; 200(6): 776-779. doi.org/10.1164/rccm.201903-0580LE. No abstract available. PMID: 31144985.*
    *Comment in: Simpson CE, Hassoun PM. Myocardial fibrosis as a potential maladaptive feature of RV remodeling in pulmonary hypertension. *Am J Respir Crit Care Med* 2019; 200(6): 662-663. doi.org/10.1164/rccm.201906-1154ED. PMID: 3126171.

28. Imran H*, Jankowich M, Choudhary G. Pulmonary Hypertension Post Liver-Kidney Transplant. *R I Med J (2013)*. 2019 Nov 1;102(9):23-26. PMID: 3165782.
    *Fellow, Preventive Cardiology, Brown University

29. Lee S*, Lacy ME, Jankowich M, Correa A, Wu W-C. Association between obesity phenotypes of insulin resistance and risk of type 2 diabetes in African-Americans: The Jackson Heart Study. *Journal of Clinical & Translational Endocrinology* 2019 Nov 20; 19: 100210; doi: 10.1016/j.jcte.2019.100210. eCollection 2020 Mar. PMID: 31871895.
    *Medical student, Warren Alpert Medical School of Brown University

30. Lakshmanan S*, Jankowich M, Wu W-C, Blackshear C, Abbasi S, Choudhary G. Gender differences in risk factors associated with pulmonary artery systolic pressure, heart failure, and mortality in blacks: Jackson Heart Study. *J Am Heart Assoc.* 2020;9:e013034. DOI: 10.1161/JAHA.119.013034. PMID: 31902323.
    *Graduate student, Brown University School of Public Health

31. Lakshmanan S*, Jankowich M, Wu W-C, Abbasi S, Morrison AR, Choudhary G. Association of plasma adiponectin with pulmonary hypertension, mortality and heart failure in African-Americans: Jackson Heart Study. *Pulmonary Circulation* 2020 Nov 11; 10(4): 2045894020961242. doi: 0.1177/2045894020961242. eCollection 2020 Oct-Dec. PMID: 33240486.
    *Graduate student, Brown University School of Public Health

32. Vecchio M*, Jankowich M, Qadir H, Gaitanis M, Menon A. Cognitive biases in the era of COVID-19: A case of *Clostridium sporogenes* bacteremia in a patient with small bowel obstruction. *Case Rep Infect Dis.* 2020 Dec 5: 2020:8812635. eCollection 2020. PMID: 33335786.
    *Resident, Internal Medicine, Brown University

33. Jankowich M, Maron BA, Choudhary G. Mildly elevated pulmonary artery systolic pressure on echocardiography: bridging the gap in current guidelines. *The Lancet Respir Med.* 2021 Oct;9(10):1185-1191. doi:10.1016/S2213-2600(21)00072-2. Epub 2021 Jul 21. PMID: 34270923.

34. Qureshi R*, Vayntrub Y**, Aswad B, Choudhary G, Jankowich M. Dyspnea, elevated jugular venous pulse, and lower extremity edema in the setting of interstitial lung disease in a patient who has undergone liver and kidney transplantation. *Chest* 2021 Sep;160(3):e296-e298. doi: 10.1016/j.chest.2021.03.051. PMID: 34488971.
    *Fellow, Preventive Cardiology, Brown University
    **Fellow, Pulmonary and Critical Care Medicine, Brown University

35. Zeba F*, Yanning W, Melek J, Duan F, Atalay MK, Jankowich M, Rounds S. Prognostic significance of pulmonary artery to aorta ratio and other CT markers in pulmonary fibrosis with and without emphysema. *Lung* 2021 Dec;199(6):677-680. doi: 10.1007/s00408-021-00490-2. Epub 2021 Nov 6. PMID: 34741227.
    *Resident, Kent Hospital Internal Medicine, Brown University

36. Vayntrub Y*, Gartman E, Nici L, Jankowich MD. Diagnostic performance of the Herder Model in Veterans undergoing PET scans for pulmonary nodule evaluation. *Lung* 2021 Dec;199(6): 653-657. doi: 10.1007/s00408-021-00495-x. Epub 2021 Nov 17. PMID: 34787695.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

37. Maron BA, Choudhary G, Goldstein RL, Garshick E, Jankowich M, Tucker TJ, LaCerda KA, Hattler B, Dempsey EC, Sadikot RT, Shapiro S, Rounds SI, Goldstein RH. Tadalafil for veterans with chronic obstructive pulmonary disease-pulmonary hypertension: A multicenter, placebo-controlled randomized trial. *Pulmonary Circulation* 2022 March 14;12(1):e12043. doi: 10.1002/pul2.12043. eCollection 2022 Jan. PMID: 35506072.

38. Branch-Elliman W, Ferguson R, Doros G, Woods P, Leatherman S, Strymish J, Datta R, Goswani R, Jankowich MD, Shah NR, Taylor TH, Page ST, Schiller SJ, Shannon C, Hau C, Flynn M, Holmberg E, Visnaw K, Dhond R, Brophy M, Monach PA. Subcutaneous sarilumab for the treatment of hospitalized patients with moderate to severe COVID19 disease: A pragmatic, embedded randomized clinical trial. *PLoS One*. 2022 Feb 25;17(2): e0263591. doi: 10.1371/journal.pone.0263591. eCollection 2022. PMID: 35213547.

39. Li G, Jankowich MD, Lu Y, Wu L, Shao L, Ke C. Preserved ratio impaired spirometry, metabolomics and the risk of type 2 diabetes. *J Clin Endocrinol Metab*. 2023 Aug 18;108(9):e769-e778. doi: 10.1210/clinem/dgad140. PMID: 36897159.

40. Li G, Jankowich MD, Wu L, Lu Y, Shao L, Lu X, Fan Y, Pan CW, Wu Y, Ke C. Preserved ratio impaired spirometry and risks of macrovascular, microvascular complications and mortality among individuals with type 2 diabetes. *Chest* 2023 Nov; 164(5): 1268-1280. Epub 2023 Jun 17. PMID: 37356807.*
    *Comment in: Wade RC, Wells JM. Preserved ratio with impaired spirometry: the lung's contribution to metabolic syndrome. *Chest* 2023; 164(5): 1075-1076.

41. Jang D*, Darling R**, Choudhary G, Jankowich M. Hemorrhagic adverse events of transthoracic needle biopsy of the lung in patients with pulmonary hypertension: a systematic review and meta-analysis. *Journal of Vascular and Interventional Radiology* 2024 Aug;35(8):1139-1146.e3. doi: 10.1016/j.jvir.2024.04.015. Epub 2024 April 27. PMID: 38685471.
    *Resident, Internal Medicine, Brown University
    **Fellow, Pulmonary and Critical Care Medicine, Brown University

42. Geng Y, Ding Y, Lu X, Pei Y, Jankowich MD, Ke C. Life's Essential 8 and risks of mortality and cardiovascular morbidity in individuals with PRISm and its associations with transition trajectories of PRISm. *Thorax* 2025 Jan 19:thorax-2024-222473. Doi: 10.1136/thorax-2024-222473. Online ahead of print. PMID: 39832944.

43. Imran T*, Choudhary G, Terry JG, Min YI, Jankowich M. Relationship of lung function and the preserved ratio impaired spirometry pattern with aortic and left ventricular structure and function on magnetic resonance imaging: The Jackson Heart Study. *Lung*. 2025 Mar 20;203(1):51. doi.org/10.1007/s00408-025-00808-4. PMID: 40111553.

*Assistant Professor of Medicine, Brown University

44. Vijayakumar S, Louis DW, Corneau E, Erqou S, Waldo SW, Plomondon ME, Gokhale M, Sheikh W, Has P, Marwan S, Abbott JD, Jankowich M, Aronow HD, Wu WC, Choudhary G. Association between pre-existing Pulmonary Hypertension and COVID-19 related outcomes in inpatient and ambulatory care settings. *PLoS One* 2025 Apr 24:20(4):e0321964. doi: 10.1371/journal.pone.0321964. eCollection 2025. PMID: 40273140.

45. DeSantis E*, Jankowich M*, Choudhary G, Morrison A, Stanley ZK, Garshick E, Moy ML, Kang M, Wongkratool C, Sadikot RT, Dempsey EC, Griffith M, Ha DM, Schmid CH, Goldstein RH**, Rounds S**; BETTER COPD-PH Study Group. Study design and rationale for The Breathe Easier with Tadalafil Therapy for Exercise-Related Dyspnea in COPD-PH (BETTER COPD-PH). *Pulmonary Circulation* 2025 Sep 29;15(4):e70167. doi: 10.1002/pul2.70167. eCollection 2025 Oct. PMID: 41036079.
    *Co-First Authors
    **Co-Corresponding Authors

46. Jankowich MD, Borgia M, Lempel J, Desanti E, Renapurkar R, Morrison AR, *Choudhary G, *Rounds SI. Relationship of pulmonary artery to aorta ratio with pulmonary vascular resistance, compliance, and outcomes in COPD and interstitial lung disease in PVDOMICS. *Pulmonary Circulation* 2026 Jan 20; 16(1): e70248. https://doi.org/10/1002/pul2.70248. eCollection 2026 Jan. PMID: 41567752.
    *Equal contributions

47. Kelly CR, Hohmann E, Jankowich MD, Stewart D, Fischer M. The management of fulminant *C. difficile* infection in an immunocompromised patient: balancing risk and necessity. *Gastroenterology* 2026; Jul 7:S0016-5085(26)07048-4. Doi: 10.1053/j.gastro.2026.06.027. Online ahead of print. PMID: 42413704.

CORPORATE AUTHORSHIP OR MULTI-SITE TRIALS

48. Meduri GU, Shih MC, Bridges L, Martin TJ, El-Solh A, Seam N, Davis-Karim A, Umberger R, Anzueto A, Sriram P, Lan C, Restrepo MI, Guardiola JJ, Buck T, Johnson DP, Suffredini A, Bell WA, Lin J, Zhao L, Uyeda L, Nielsen L, Huang GD; ESCAPe Study Group*. Low-dose methylprednisolone treatment in critically ill patients with severe community-acquired pneumonia. *Intensive Care Med*. 2022 Aug;48(8):1009-1023. doi: 10.1007/s00134-022-06684-3. Epub 2022 May 13. PMID: 35723686.
    *Role in Study: Participating Site PI/Member, ESCAPe Study Group

EDITORIALS AND LETTERS TO EDITOR

49. Jankowich MD. Idiopathic pulmonary fibrosis in transplantation. *Chest* 2003; 124(6): 2404. PMID 14665532.

50. Gartman E, Jankowich M. D for Destiny? Parameter D and Chronic Obstructive Pulmonary Disease. *Ann Am Thorac Soc*. 2023 Jul;20(7): 953-954. doi: 10.1513/AnnalsATS.202304-373ED. PMID: 37387627.

51. Jankowich MD. PRISm – What's in a Name? *Am J Respir Crit Care Med* 2024 Oct 1;210(7):957. doi: 10.1164/rccm.202406-1158LE. PMID: 39083805.

*Reply in: O'Donnell DE, Tan WC, Bourbeau J, and Philips DB. Reply to Jankowich: PRISm – What's in a Name? *Am J Respir Crit Care Med* 2024 Jul 31. PMID: 39083803.

OTHER PUBLICATIONS

Textbooks Edited:

52. Jankowich M and Gartman E. Editors, Ultrasound in the Intensive Care Unit. Respiratory Medicine textbook series. Humana Press, Springer: New York, 2015. DOI 10.1007/978-1-4939-1723-5. This textbook has been licensed by Springer for Chinese Simplified translation and for publication in China by Zhejiang University Press, China.

Textbook Chapters:

53. Jankowich M, Choudhary G, and Rounds S. Hypoxia and the Pulmonary Endothelium. In: The Pulmonary Endothelium: Function in Health and Disease. Edited by Sharon Rounds and Norbert Voelkel. John Wiley and Sons, LTD., 2009.

54. Rounds S and Jankowich MD. The Lung in Health and Disease. In: Andreoli and Carpenter's Cecil Essentials of Medicine, eighth edition. Edited by Thomas E. Andreoli et al. Saunders Elsevier. Philadelphia, 2010.

55. Jankowich MD. Obstructive Lung Diseases. In: Andreoli and Carpenter's Cecil Essentials of Medicine, eighth edition. Edited by Thomas E. Andreoli et al. Saunders Elsevier. Philadelphia, 2010.

56. Aliotta JA and Jankowich MD. Interstitial Lung Disease. In: Andreoli and Carpenter's Cecil Essentials of Medicine, eighth edition. Edited by Thomas E. Andreoli et al. Saunders Elsevier. Philadelphia, 2010.

57. Rounds S and Jankowich MD. Disorders of Respiratory Control. In: Andreoli and Carpenter's Cecil Essentials of Medicine, eighth edition. Edited by Thomas E. Andreoli et al. Saunders Elsevier. Philadelphia, 2010.

58. Aliotta JA and Jankowich MD. Neoplastic Disorders of the Lung. In: Andreoli and Carpenter's Cecil Essentials of Medicine, eighth edition. Edited by Thomas E. Andreoli et al. Saunders Elsevier. Philadelphia, 2010.

59. Jankowich M. Thoracic malignancies. In: Chronic Obstructive Pulmonary Disease: Co-Morbidities and Systemic Consequences, first edition, Respiratory Medicine series. Edited by Linda Nici, M.D. and Richard ZuWallack, M.D. Humana Press, Springer; New York 2012.

60. Jankowich MD, Martin DW, Choudhary G. Cor Pulmonale. In: Ferri's Clinical Adviser 2013. Edited by Fred F. Ferri, M.D., F.A.C.P. Elsevier Mosby: Philadelphia 2012.

61. Jankowich MD, Ferri FF. Pulmonary edema. In: Ferri's Clinical Adviser 2013. Edited by Fred F. Ferri, M.D., F.A.C.P. Elsevier Mosby: Philadelphia 2012.

62. Jankowich MD, Ferri FF. Pulmonary embolism. In: Ferri's Clinical Adviser 2013. Edited by Fred F. Ferri, M.D., F.A.C.P. Elsevier Mosby: Philadelphia 2012.

63. Jankowich MD, Martin DW, Choudhary G. Pulmonary hypertension. In: Ferri's Clinical Adviser 2013. Edited by Fred F. Ferri, M.D., F.A.C.P. Elsevier Mosby: Philadelphia 2012.

64. Evans SK* and Jankowich M. Pleural Ultrasound. In: Ultrasound in the Intensive Care Unit. Respiratory Medicine textbook series. Humana Press, Springer: New York, 2015.
*Fellow, Pulmonary and Critical Care Medicine

65. Rounds S and Jankowich M. Pulmonary Vascular Diseases. In: Andreoli and Carpenter's Cecil Essentials of Medicine, 9th edition. Editor-in-chief Ivor J. Benjamin, MD, FACC, FAHA. Saunders Elsevier, Philadelphia, 2016. ISBN: 978-1-4377-1899-7.

66. Jankowich MD and Rounds S. Coexistent COPD and ILD. In: Controversies in COPD. Edited by: Antonio Anzueto, Yvonne Heijdra, and John R. Hurst. European Respiratory Society Monograph Series. Published September 2015. DOI: 10.1183/2312508X.erm6915. ISBN electronic: 9781849840644.

Electronic Publications:

67. Jankowich MD. Idiopathic pulmonary fibrosis. In: *First Consult*. Editor-in-Chief Margaret T. Hessen, M.D., F.A.C.P.. Elsevier: Electronically published, February, 2013.

Photographs:

68. "Providence, Rhode Island Harbor as seen from India Point Park". Cover photo for *Annals of the American Thoracic Society*-Volume 15, Number 10 (October 1, 2018).

PUBLICATIONS SUBMITTED OR IN PREPARATION

69. Chung HE, Ramani M, Ghosalkar DS, Chu AJ, Christensen JL, Heath JR, Ho T, Butler CA, Cherala R, Jankowich MD, Rounds S, Wu W-C, Choudhary G, Morrison AR. Pulmonary artery to aorta diameter ratio derived from lung cancer screening CT is associated with COPD and pneumonia hospitalizations. In preparation.

70. Kiris A, Borgia M, Agraz M, Jankowich M, Wu W-C, Waldo S, Plomondon M, Zhang P, Choudhary G. Arrhythmia burden and arrhythmia-related hospitalization across invasive hemodynamic phenotypes of pulmonary hypertension. Submitted for publication, under revision.

71. Vakharia S, Gartman E, Rounds S, Jankowich M. Impulse oscillometry reveals distinct physiology and bronchodilator response patterns in combined pulmonary fibrosis and emphysema. Submitted for publication, under review.

72. Kiris A, Borgia M, Jankowich M, Wu W-C, Choudhary G. Pulmonary hypertension as a risk factor for stroke: Veterans Affairs right heart catheterization cohort study. Submitted for publication, under review.

ABSTRACTS

1. Harter RL, Kelly WB, Kramer MG, Kelly CR, Jankowich MD, Dzwonczyk RR, Nagaraja HN. "Obese Diabetic Patients Have Increased Volume, Decreased pH Gastric Contents Compared to Obese Non-Diabetic Patients." Abstract, *Anesthesiology* 1997 87(3A): A1023 and poster discussion at 1997 American Society of Anesthesiology Conference (discussant RLH).

2. Jankowich M, Lu Q, Newton J, Harrington EO, Rounds S. "Isoprenylcysteine-O-Carboxyl Methyltransferase (ICMT) Inhibition Alters Cell Stress Response Elements, Including Components of the Unfolded Protein Response." Poster presentation, Pulmonary Vascular Cell Signaling thematic poster session, ATS May 2006; and Brown Medicine Research Forum June 2006. Published as abstract *Proc Am Thorac Soc* 2006 (3): A685.

3. Jankowich Matthew D. and Dushay, Kevin. "Paclitaxel pneumonitis: diagnosis by transbronchial lung biopsy." Oral presentation, Drug Reactions; CHEST 2006. Published as abstract *Chest* 2006; 130(4) Supplement: 338S.

4. Rounds S., Lu Q., Harrington E., and Jankowich M. "Carboxyl Methylation and Endothelial Unfolded Protein Response." Poster presentation, 2006 APS Conference on the Physiological Genomics and Proteomics of Lung Disease.

5. Casserly B* and Jankowich M. "An unusual cause of spontaneous recurrent pneumothoraces." Fellows Case Symposium, ATS 2007 International Conference.
   *Fellow, Pulmonary and Critical Care Medicine

6. Lu, Q., Jankowich M., Newton, J., Harrington, E.O., and Rounds, S. "Inhibition of small GTPase post-translational processing promoted endothelial cell apoptosis through alterations of ER chaperones." Poster presentation, Spring 2008 Cold Spring Harbor Laboratory Meeting on Molecular Chaperones and Stress Responses.

7. Jankowich M, Lu Q, Newton J, Harrington EO, Rounds S. "Inhibition of Prenylation Alters Endoplasmic Reticulum Chaperones during Endothelial Cell Apoptosis." Poster Discussion session, Endothelial Signaling in Lung Injury and Pulmonary Edema, ATS May 2008; and Brown Medicine Research Forum June 2008. Published as abstract *Am J Respir Crit Care Med* 2008; 177: A847.

8. Jankowich M and Rounds S. "Combined Pulmonary Fibrosis and Emphysema (CPFE) Is Common in Hospitalized Veterans with Pulmonary Fibrosis (PF) and Results in a Unique Clinical Phenotype." Poster presentation, Clinical Aspects of ILD thematic poster session, ATS 2009 International Conference and Brown Medicine Research Forum June 2009. Published as abstract *Am J Respir Crit Care Med* 2009; 179: A2986.

9. Taveira T, Jankowich M, Wu W-C. "Hemoglobin A1C Vs. Oral Glucose Tolerance Test For Diabetes Diagnosis in NHANES 1988-1994 And 2005-2006." Poster presentation, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2010 Scientific Sessions and Brown Medicine Research Forum 2010.

10. Jankowich M.D., Taveira T., Wu W.-C.. "Decreased lung function is associated with increased central arterial stiffness: data from NHANES III." Poster discussion, "Novel Insights Into Lung Mechanics In Health And Disease", ATS 2010 International Conference and Brown Medicine Research Forum 2010. Published as abstract *Am J Respir Crit Care Med* 2010; 181: A1250.

11. Gartman E.*, Jankowich M.D.. "An unrecognized cause of hemoptysis in cryoglobulinemia." Poster discussion, "Case Reports: Unusual Manifestations of Sarcoid and Other Systemic Diseases." ATS 2010 International Conference. Published as abstract *Am J Respir Crit Care Med* 2010; 181: A6669.
   *Fellow, Pulmonary and Critical Care Medicine, Brown University

12. Jankowich M.D., Taveira T, Wu W-C. "Cardiovascular Risk Factors in Individuals with Impaired Lung Function: Data from NHANES III." Oral Presentation, Session 6096, "COPD Miscellaneous", CHEST 2010, Vancouver, Canada. Published as abstract *Chest* 2010 138: 710A. Presented as poster, Brown Medicine Research Forum 2011.

13. Lubinsky A.S.*, Jankowich M., Borgia M., Nici L., Pirraglia P.. "Pulse Pressure Does Not Correlate with Exercise Tolerance in Patients with COPD Undergoing Pulmonary Rehabilitation." Poster presentation, session A63: "Assessment of COPD in the Context of Pulmonary Rehabilitation", ATS 2011 International Conference, Denver, CO, May 15th, 2011 and Brown Medicine Research Forum 2011, Providence, RI. Published as abstract *Am J Respir Crit Care Med* 2011; 183: A2027.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

14. Jankowich M., Choudhary G., Klinger J.R., Wu W.-C.. "Relationship Between Lung Function And Albuminuria: Data From The Third National Health And Nutrition Examination Survey (NHANES III)." Poster presentation, session D59: "COPD Epidemiology: Risk Factors, Trends, Comorbidities", ATS 2012 International Conference, San Francisco, CA, Wednesday, May 23rd, 2012. and Brown Medicine Research Forum 2012. Published as abstract *Am J Respir Crit Care Med* 2012; 185: A6042.

15. Steiner J.*, Jankowich M., Wu W.-C., Maron B.A., Gaddam S., Choudhary G.. "Echocardiography-Based Pulmonary Hypertension Phenotypes." Poster presentation, session C65: "Assessment of Pulmonary Hypertension", ATS 2013 International Conference, Philadelphia, PA, Tuesday, May 21st, 2013. Published as abstract *Am J Respir Crit Care Med* 2013; 187: A4694.
    *Fellow, General Cardiology, Brown University

16. Steiner J*, Jankowich M, Wu W-C, Maron BA, Choudhary G. "Right ventricular function predicts mortality in complex co-morbid pulmonary hypertension." Poster presentation, 2013 Grover Conference.
    *Fellow, General Cardiology, Brown University

17. Evans S.K.*, Choudhary G., Taveira T, Tucker T., Wu W.C., Jankowich M.. "Predictors Of Six-Minute Walk Distance In Veterans With Type 2 Diabetes Mellitus". Poster presentation, session B66: "Novel and Traditional Lung Function Assessment", ATS 2014 International Conference, San Diego, CA, Monday, May 19th, 2014 and Brown Medicine Research Forum 2014, Providence, RI. Published as abstract *Am J Respir Crit Care Med* 2014; 189: A3561.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

18. Steiner J*, Wu W., Jankowich M., Maron B., Sharma S., Choudhary G.. "Echocardiographic Predictors of Mortality in Patients with Pulmonary Hypertension and Cardiopulmonary Comorbidities". Poster presentation, Brown Medicine Research Forum 2014.
    *Fellow, General Cardiology, Brown University

19. Slomka T.*, Choudhary G., Jankowich M.. "Multidisciplinary PH Clinic—New Healthcare Delivery Model in VAMC". Poster presentation, Brown Medicine Research Forum 2014.
    *Fellow, Preventive Cardiology, Brown University

20. A. Leung*, H. Ganga*, A. Saeed, M. Jankowich, G. Choudhary. "The Relationship Between Pulmonary Diastolic Pressure Gradient and Pulmonary Artery Pulse Pressure in Pulmonary Hypertension". Poster discussion, session B108: "Beyond WHO Group I Pulmonary

Hypertension", ATS 2015 International Conference, Denver, CO, Monday, May 18th, 2015. Published as abstract, *Am J Respir Crit Care Med* 2015; 191: A3828.
*Fellows, Preventive Cardiology, Brown University

21. M. Jankowich, W.-C. Wu, G. Choudhary. "Elevated Plasma Endothelin-1 Level is Associated with Pulmonary Hypertension and Mortality in African-Americans: The Jackson Heart Study". Poster presentation, session C59: "Biomarkers and Prognostic Factors in Pulmonary Hypertension", ATS 2015 International Conference. Published as abstract, *Am J Respir Crit Care Med* 2015; 191: A4823.

22. A. Foderaro*, M. Jankowich. "Sun Damage or Lung Damage: Heliocare (Polypodium Leucotomas)-Induced Eosinophilic Pneumonitis." Poster presentation, session A46: "Lung Disease due to OTC and Illicits: Case Reports", ATS 2016 International Conference, San Francisco, CA, Sunday 5/15/2016.
*Fellow, Pulmonary and Critical Care Medicine, Brown University

23. S. M. Iosifescu*, T. Amass**, M. Jankowich. "Salmonella Vertebral Osteomyelitis Presenting as a Loculated Exudative Pleural Effusion." Poster presentation, session B38: "Pleural Disease: Case Reports". ATS 2016 International Conference, San Francisco, CA, Monday, 5/16/2016.
*Medical student (MSIV), Alpert Medical School of Brown Unversity
**Fellow, Pulmonary and Critical Care Medicine, Brown University

24. M. Jankowich, W. Wu, C. Blackshear, W. Wang, M. Godfrey*, S. Abbasi, G. Choudhary. "The Restrictive Spirometry Pattern, Cardiac Structure, and Incident Heart Failure Risk: The Jackson Heart Study." Poster presentation, session C55: "Cardiopulmonary Effects of Air Pollution." ATS 2016 International Conference, San Francisco, CA, Tuesday, 5/17/2016.
*Resident, Internal Medicine, Brown University

25. M. Jankowich, R. Hebel, J. Jantz*, G. Choudhary. "Multispecialty Pulmonary Hypertension Clinic in the VA: Patient Assessment, Management and Outcomes." Brown Medicine Research Forum 6/27/2016.
*Preventive Cardiology Fellow, Brown University

26. M. Bates, M.D. Jankowich, S.I. Rounds, B.A. Kimble, T.T. Ng, L.L. Nici, I.C. Okereke. "Effects of Implementation of Lung Cancer Screening at a Veterans Affairs Medical Center." Presented at the American College of Surgeons Clinical Congress 2016, Scientific Forum 13, Thoracic Surgery, presenter MB, 10/18/16. Published as abstract, *Journal of the American College of Surgeons* 2016; 223(4), Supplement 1, Page S22.

27. M. Jankowich, S. Evans, E. Elston, W.-C. Wu, G. Choudhary. "Relationship of Iron Deficiency and Serum Ferritin Levels with Pulmonary Hypertension: The Jackson Heart Study." *Chest* 2016; 150(4), Supplement: Page 1150A.

28. M. Jankowich, B. Elston, S. Abbasi, A. Maan, C. Blackshear, K. Dabhadakar, W.-C. Wu, G. Choudhary. "The association of adiponectin and pulmonary hypertension in African-Americans: The Jackson Heart Study." Moderated poster presentation: Clinical—Biomarker session, 11th PVRI Annual World Congress on Pulmonary Vascular Disease, Miami, Florida, Saturday, January 28th, 2017 and Brown Medicine Research Forum, Providence, RI, 6/28/2017. Abstract published in *Pulmonary Circulation* 2017;7(4): 1-32.

29. M. Jankowich, R. Hebel, J. Jantz, S. Abbasi, G. Choudhary. "Pulmonary Hypertension in Veterans Has a High One-Year Mortality and the REVEAL Equation Overestimates Survival in this Patient Population." Poster presentation, session B72: "Others Here With Us: Clinical Features of Pulmonary Vascular Disease I." ATS 2017 International Conference, Washington, D.C., Monday, 5/22/17.

30. S. Abbasi, R. Hebel, A. Vang, W.-C. Wu, M. Jankowich, G. Choudhary. "Pulmonary Artery Stiffness Is Associated with Right Ventricular Fibrosis on Magnetic Resonance Imaging in Veterans with Pulmonary Hypertension." Poster Discussion session C27, "Let's Pretend We're Married: The Right Ventricle and the Pulmonary Vasculature". ATS 2017 International Conference, Washington, D.C., Tuesday, 5/23/17 and Brown Medicine Research Forum, Providence, RI 6/28/2017.

31. J. V. Baptiste*, M. Jankowich, L.L. Nici. "Lung Cancer Screening with Low Dose CT: Two Year Experience at Providence Veteran Affairs Medical Center." Rapid Abstract Poster Discussion session C30, "Lung Cancer Screening: Who, Why, Where, and How Much". ATS 2017 International Conference, Washington, D.C., Tuesday, 5/23/17.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

32. Marjan Mujib*, Rayan Yousefzai, Matthew Jankowich, Nishant Shah, Alan Morrison, Sartaj Gill, Wen-Chih Wu, Gaurav Choudhary. "Diastolic Pressure Gradient in Risk Stratifying Pre-Heart Transplant Pulmonary Hypertension." American Heart Association Scientific Sessions 2017, Abstract Poster Session HF.APS.01, session title "VAD and Transplant", Anaheim, CA, Sunday, November 12th, 2017. Published as abstract in *Circulation* 2017; 136:A18035.
    *Fellow, General Cardiology, Brown University

33. S. Lakshmanan, M.D. Jankowich, W. Wu, C. Blackshear, S. Abbasi, G. Choudhary. "Gender Differences in Risk Factors Associated with Pulmonary Artery Systolic Pressure in the Jackson Heart Study." Session A64 – "Let's Go Trippin': Diagnostics and Risk Assessment in Pulmonary Hypertension". ATS 2018 International Conference, San Diego, CA, Sunday, 5/20/2018. Published as abstract in *Am J Respir Crit Care Med* 2018; 197:A2136.

34. E.J. Gartman, M.D. Jankowich, J. Baptiste, L. Nici. "Providence VA Lung Cancer Screening Program: Performance: Comparison of Local False Positive and Invasive Procedure Rates to Published Trial Data." Session A98 – "Clinical Strategies to Improve Lung Cancer Early Detection: Who Is At Risk Here?" ATS 2018 International Conference, San Diego, CA, Sunday, 5/20/18. Published as abstract in *Am J Respir Crit Care Med* 2018; 197: A2477.

35. M.D. Jankowich, E.J. Gartman, J. Baptiste, L. Nici. "Histology and Staging of Lung Cancer in Veterans Who Underwent Baseline Low-Dose CT Screening: Data from the Providence VA Medical Center". Session B110 – "Lung Cancer Screening and Pulmonary Nodules: Refinements and Redefinements". ATS 2018 International Conference, San Diego, CA, Monday 5/21/18. Published as abstract in *Am J Respir Crit Care Med* 2018; 197: A4416.

36. M. Nayeemuddin*, M.D. Jankowich, A. Noska, E.J. Gartman. "A Strange Case of Coccidiomycosis: Utilization of Bronchoscopy to Diagnose a Chronic Cavitary Lesion." Session C58 – "Fungal Case Reports". ATS 2018 International Conference, San Diego, CA, Tuesday, 5/22/18. Published as abstract in *Am J Respir Crit Care Med* 2018; 197: A5427.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

37. B. Roussel*, V. Carter, C. Ekekezie**, E. Argueta*, C.R. Kelly, M.D. Jankowich. Hemophagocytic Lymphohistiocytosis in a Patient With Crohn's Disease. "IBD Clinical Vignettes/Case Reports" Session, P1404, poster presentation, American College of Gastroenterology annual meeting, Philadelphia, PA, Monday, October 8th, 2018.
    *Residents, Internal Medicine
    **Chief resident, Internal Medicine

38. A. Schiff*, S. Greene**, E.J. Gartman, M.D. Jankowich, L. Nici. Correlation of a Co-Morbidity Index with Time-To-Death from Baseline Lung Cancer Screening Computed Tomography in a Veteran Population. Session C30 – "Lung Cancer Screening: Lessons from the Front-Line". ATS 2019 International Conference, Dallas, TX, Tuesday, May 21st, 2019.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University
    **Resident, Internal Medicine, Brown University

39. M.D. Jankowich, D.A. Johnson, J.G. Wilson, M. Mittleman, M. Sims, S.S. Redline, and G. Choudhary. Relationship of Sleep Symptoms and Objective Measurements of Obstructive Sleep Apnea to Pulmonary Artery Systolic Pressure in African-Americans: The Jackson Heart Study. B53 Acute Lung Injury, ARDS, Sleep, and Beyond: Clinical Studies and Case Reports/Thematic Poster Session. *Am J Respir Crit Care Medicine* 2020; 201: A3747.

40. J. Ferguson*, M.D. Jankowich, L. Nici, J. Melek, E.J. Gartman. Barriers to Lung Cancer Screening in a Veteran Population: Does Distance Drive Completion? D30 "Lung Cancer Screening: Real World Evidence"/RAPiD: Rapid Abstract Poster Discussion Session. *Am J Respir Crit Care Medicine* 2020; 201: A6456.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

41. Fatima Zeba*, Yanning Wu, Juraj Melek, Fenghai Duan, Michael Atalay, Matthew Jankowich and Sharon Rounds. Clinical significance of radiological markers of pulmonary hypertension in combined pulmonary fibrosis and emphysema. In "Updates in Diffuse and Orphan Lung Disease", CHEST Annual Meeting 2020, presented 10/19/20 by F.Z.. Published in *Chest* 2020; 158(4), Supplement, A1042.
    *Resident, Kent Hospital Internal Medicine, Brown University

42. Y. Vayntrub*, E. Gartman, L. Nici, M.D. Jankowich. Diagnostic performance of the Herder Malignancy Risk Prediction Model in Veterans Undergoing Positron Emission Tomography (PET) Scans for Pulmonary Nodule Evaluation. Session TP136 – TP 136 "Thoracic Oncology: Lung Cancer Screening/Nodule Management". ATS International Conference 2021. Published online in *Am J Respir Crit Care Medicine* 2021, Volume 203, May 3rd abstract issue.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

43. W. Branch-Elliman, R. Ferguson, G. Doros, P. Woods, S. Leatherman, J. Strymish, R. Datta, R. Goswami, M.D. Jankowich, N.R. Shah, T.H. Taylor, S.T. Page, S.J. Schiller, C. Shannon, C. Hau, M. Flynn, E. Holmberg, K. Visnaw, R. Dhond, M. Brophy, P.A. Monach. Subcutaneous sarilumab for the treatment of hospitalized patients with moderate to severe COVID19 Disease: a pragmatic, embedded randomized clinical trial. Poster Session Z4. COVID-19 treatment. IDWeek 2021. Presented by W. Branch-Elliman, Wednesday, Sept. 29th, 2021.

44. Tasnim F. Imran, Thomas Garrett, Laura Parra, Daniel Arcuri, Christopher Nguyen, Matthew Jankowich, Reza Avazmohammadi, Michael Atalay, Wen-Chih H Wu, Gaurav Choudhary. Endothelin-1 and Procollagen type-1 carboxyterminal propetide are associated with functional tolerance and cardiac structure and function in heart failure with preserved ejection fraction.

Poster presentation, AHA Vascular Discovery 2023: From Genes to Medicine Scientific Sessions, Boston, MA, Wednesday, May 10th, 2023. Presented by Tasnim Imran.

45. Daniel Jang*, Rachel Darling**, Gaurav Choudhary, Matthew Jankowich. Hemorrhagic complications of percutaneous CT-guided lung biopsy in patients with pulmonary hypertension: a systematic review and meta-analysis. Session A58 – Visualizing the Future: Imaging in Pulmonary Hypertension. Thematic Poster Presentation, ATS International Conference 2023, Sunday May 21st, 2023. Published online in *Am J Respir Crit Care Med* 2023; 207: A1980
    *Resident, Internal Medicine, Brown University
    **Fellow, Pulmonary and Critical Care Medicine, Brown University

46. Tasnim Imran*, Gaurav Choudhary, James Terry, Yuan-I Min, Matthew D. Jankowich. Preserved ratio-impaired spirometry and airflow obstruction have differing associations with cardiovascular function on cardiac MRI: The Jackson Heart Study. Published in *Chest* 2024; 166, 4, Supplement, A4883. Oral presentation, CHEST 2024, Boston, MA, Wednesday, October 9th, 2024.
    *Assistant Professor of Medicine, Brown University

47. M.D. Jankowich, M. Borgia, G. Choudhary, A. Morrison, E. Desanti, S.I.S. Rounds. The Relationship of Computed-Tomography-Derived Pulmonary Artery to Aorta Ratio to Pulmonary Artery Compliance and Pulmonary Vascular Resistance in PVDOMICS Participants With COPD and/or Interstitial Lung Disease. Poster Discussion Session, "D28 Fisherman's Wharf: Clinical and Epidemiologic Insights into Pulmonary Hypertension: Trends, Treatments, and Outcomes." ATS International Conference 2025, San Franciso, CA, Wednesday May 21st, 2025. Published in *Am J Respir Crit Care Med* 2025; 211: A7616.

48. A. Kiris, M. Borgia, M. Agraz, M. Jankowich, W.-C. Wu, S. Waldo, M.E. Plomondon, P. Zhang, G. Choudhary. Incidence and impact of cardiac arrhythmias on hospitalization in pulmonary hypertension: a retrospective cohort study from the VA-CART program. Moderated poster discussion session, Clinical Science session, PVRI 2026 Annual Congress, Dublin, Ireland, Thursday, January 29th, 2026. Presented by P. Zhang.

49. M.D. Jankowich, M. Borgia, G. Choudhary, J. Lempel, R. Renapurkar, E. Desanti, S.I. Rounds. Pulmonary artery to aorta ratio, pulmonary vascular resistance, and their relationship to survival in PVDOMICS participants with COPD and/or interstitial lung disease. Moderated poster discussion session, Clinical Science session, PVRI 2026 Annual Congress, Dublin, Ireland, Thursday, January 29th, 2026.

50. S. Vakharia*, E.J. Gartman, S.I. Rounds, M.D. Jankowich. Spirometry and impulse oscillometry identify distinct bronchodilator response patterns in CPFE versus COPD. Thematic poster session, "B78 Structural and Functional Insight into COPD." ATS International Conference 2026, Orlando, FL, Monday May 18th, 2026. Published in *Am J Respir Crit Care Med* 2026; 212, Issue Supplement_1, May 2026, aamag.162.1880. https://doi.org/10.1093/ajrccm/aamag162.1880.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

51. S. Vakharia*, D. Banerjee, M.D. Jankowich, G.R. Bourjeily, E.J. Gartman. Changes in Respiratory Physiology Following Initiation of GLP-1 Receptor Agonists (GLP-1RA). Poster Discussion session, "C108 Structure Meets Function: Measurements of the Lung." ATS International Conference 2026, Orlando, FL, Tuesday May 19th, 2026. Published in *Am J Respir Crit Care Med* 2026; 212, Issue Supplement_1, May 2026, aamag162.5458, https://doi.org/10.1093/ajrccm/aamag162.5458.
    *Fellow, Pulmonary and Critical Care Medicine, Brown University

52. S. Vakharia*, E.J. Gartman, S.I.S. Rounds, M.D. Jankowich. Impulse Oscillometry (ios) Reveals Differences in Physiology Between Combined Pulmonary Fibrosis and Emphysema (CPFE) and Matched Chronic Obstructive Pulmonary Disease (COPD) Cohorts. Poster Discussion session, "D30 Diving Deeper Into COPD Structure and Function". ATS International Conference 2026, Orlando, FL. Wednesday, May 20th, 2026. Published in *Am J Respir Crit Care Med* 2026; 212, Issue Supplement_1, May 2026, aamag162.2064, https://doi.org/10.1093/ajrccm/aamag162.2064.
*Fellow, Pulmonary and Critical Care Medicine

INVITED PRESENTATIONS

Local

1. Invited Speaker, topic: "Pulmonary preinvasive neoplasms". Brown Chest Conference, Brown University, Providence, RI, 4/11/2008.

2. Invited Speaker, "The Influence of Emphysema on the Clinical Phenotype of Veterans with Pulmonary Fibrosis." Brown Pulmonary Research Seminar, Brown University, 2/2009.

3. Invited Speaker, topic: "Aging and Lung Disease". Brown Chest Conference, Brown University, Providence, RI, 4/10/2009.

4. Invited Speaker, topic: "The Third Gas?". Brown Chest Conference, Brown University, Providence, RI, 10/23/2009.

5. Invited Speaker, topic: "Recent Clinical Trials in IPF". Brown Chest Conference, Brown University, 9/17/2010.

6. Invited Speaker, "Update in Internal Medicine: COPD". Clinical Updates in Internal Medicine Conference, Providence VA Medical Center, Providence, RI, 2/4/2011.

7. Invited Speaker, "Concepts in Pulmonary Rehabilitation". "The Changing Face of COPD: From Bedside to the Community". Providence, RI, 4/20/2011. R13 conference grant, conference organizer: Donna Parker, Sc.D., Memorial Hospital of Rhode Island.

8. Invited Speaker, topic: "Progress in Targeted Lung Cancer Treatment". Brown Citywide Chest Conference Series, Brown University, Providence, RI, 9/9/2011.

9. Invited Speaker, "Update in Internal Medicine: Lung Cancer". Clinical Updates in Internal Medicine Conference, Providence VA Medical Center, Providence, RI, 1/6/2012.

10. Invited Speaker, topic: "Multiple Primary Lung Cancer". Brown Citywide Chest Conference Series, Brown University, Providence, RI, 9/28/2012.

11. Invited Speaker, topic: "The Base of the Iceberg: A Portrait of Pulmonary Hypertension in the Community". Brown Citywide Chest Conference Series, 12/13/2013.

12. Invited Speaker (along w/Gaurav Choudhary, M.D.), "Update in Internal Medicine: Pulmonary Hypertension". Clinical Updates in Internal Medicine Conference, Providence VA Medical Center, Providence, RI 1/4/2013.

13. Invited Speaker, "The Base of the Iceberg: A Portrait of Pulmonary Hypertension in the Community." Cardiology Grand Rounds, Rhode Island Hospital, Providence, RI 2/28/2014.

14. Invited Speaker, topic: “Looking into the PRISm: Characteristics and Outcomes of the Restrictive Spirometry Phenotype”. Brown Citywide Chest Conference, Providence, RI, 12/19/2014.

15. Conference Organizer, Rhode Island Thoracic Society Annual Meeting 2015. “The Management of Idiopathic Pulmonary Fibrosis/Usual Interstitial Pneumonia: Where Are We Today?” Keynote speaker: Talmadge E. King, Jr., MD. Warren Alpert Medical School of Brown University, 3/16/2015.

16. Speaker, topic: “Community-Acquired Pneumonia Update: Bringing the Diagnosis and Treatment of Pneumonia into the 21st Century”. Brown Citywide Chest Conference, Brown University, Providence, RI, 10/30/2015.

17. Invited Speaker, “Small Lungs, Stiff Vessels, Bad Hearts? Adverse Cardiovascular Outcomes and the Restrictive Spirometry Pattern”. Brown Pulmonary Research Conference, 11/14/2016.

18. Invited Speaker, topic: “Malignant Pleural Effusions – Update on Natural History and Management of a Common Clinical Problem”. Brown Citywide Chest Conference, Brown University, Providence, RI 12/2/2016.

19. Invited Speaker, topic: “Eosinophils in COPD – Key Biomarker, Yesterday’s News, or Both?” Brown Citywide Chest Conference, Brown University, Providence, RI 11/3/2017.

20. Invited Speaker, topic: “’Heart of the Lungs’ Revisited”. Brown Citywide Chest Conference, Brown University, Providence, RI, 11/2/2018.

21. Invited Speaker, topic: “Myeloproliferative Disorders and Pulmonary Hypertension”. Brown Citywide Chest Conference, Brown University, Providence, RI, 9/6/2019.

22. Invited Speaker, topic: “Lung Cancer Screening Update”. Brown Citywide Chest Conference, Brown University, Providence, RI, 5/29/2020.

23. Invited Speaker, topic: “Adult Pulmonary Outcomes of Premature Birth”. Brown Citywide Chest Conference, Brown University, Providence, RI, 9/18/2020.

24. Invited Speaker, topic: “Combined Pulmonary Fibrosis and Emphysema 2021”. Brown Citywide Chest Conference, Brown University, Providence, RI, 10/8/2021.

25. Invited Speaker, topic: “Immersion Pulmonary Edema”. Brown Citywide Chest Conference, Brown University, Providence, RI, 9/16/2022.

26. Invited Speaker, topic: “Preventing COPD Exacerbations – From Minimal Options to Complicated Choices?”. Brown Citywide Chest Conference, Brown University, Providence RI, 9/22/2023.

27. Invited Speaker, topic: “What’s So Vital About the Vital Capacity? Clinical Associations and Consequences of Low FVC and the ‘Restrictive Spirometry Pattern’”. Brown Citywide Chest Conference, Brown University, Providence, RI, 5/23/2025.

28. Invited Speaker, topic: "Novel Pathways in COPD Treatment". Brown Chest Conference, Brown University, Providence, RI, 3/19/2026.

Regional

1. Invited Speaker, "Combined Pulmonary Fibrosis and Emphysema Syndrome". 3rd Annual Yale COPD Symposium: The Many Faces of COPD. Yale School of Medicine, New Haven, CT, 4/4/2014. Conference organizer: Carolyn L. Rochester, M.D., Yale University.

National/International

1. Invited Speaker, "Paclitaxel-Induced Pneumonitis: Diagnosis by Transbronchial Biopsy". American College of Chest Physicians conference, Oral Presentation, "Drug Reactions" case reports session, CHEST 2006, Salt Lake City, UT, October 25th, 2006.

2. Session facilitator, "Diagnostic Techniques and Monitoring: From Bench to Bedside." Thematic poster session: C45, American Thoracic Society International Conference ATS 2010, New Orleans, LA, 5/2010.

3. Invited Speaker, "Cardiovascular Risk Factors in Individuals with Impaired Lung Function: Data from NHANES III." Oral presentation, American College of Chest Physicians conference CHEST 2010, Vancouver, Canada, 10/31/2010.

4. Invited Moderator, "New Outlooks in COPD", slide session, Session 6078, American College of Chest Physicians conference, CHEST 2010, Vancouver, Canada, 11/2/2010.

5. Invited Moderator, "DVT/PE/Pulmonary Hypertension IV", Poster session, American College of Chest Physicians conference, CHEST 2014, Austin, TX, 10/29/2014.

6. Invited Moderator, "Hot Topics in PAH", Slide session, American College of Chest Physicians conference, CHEST 2015, Montreal, Canada, 10/28/2015.

7. Invited Speaker, "Relationship of Iron Deficiency and Serum Ferritin Levels With Pulmonary Hypertension: The Jackson Heart Study", "PAH" session, CHEST 2016, Los Angeles, CA, 10/23/2016.

8. Invited Speaker, "Lung cancer screening initiatives in the Veterans Affairs environment—Providence", 37th International Conference on Screening for Lung Cancer, International Early Lung Cancer Action Project, Swedish Cancer Institute and Medical Center, Seattle, WA, 9/15/2017.

9. Invited Moderator, "Pulmonary Vascular Disease 1", Poster session, American College of Chest Physicians conference, CHEST 2018, San Antonio, TX, 10/9/2018.

10. Invited Moderator, "Pulmonary Vascular Disease 1", Poster session, American College of Chest Physicians conference, CHEST 2019, New Orleans, LA, 10/21/2019.

11. Invited Moderator, "Diffuse Lung Disease 2", Poster session, American College of Chest Physicians conference, CHEST 2019, New Orleans, LA, 10/23/2019.

12. Invited Moderator, "PAH Abstract Posters 1", Original investigation poster/recorded video session, American College of Chest Physicians conference, CHEST 2021, 10/19/2021-10/20/2021.

13. Invited Speaker, “Clinical Utility of Cardiopulmonary Exercise Testing: A Case-Based Session”, Specialty Registrar Training Session, Irish Thoracic Society Annual Scientific Meeting 2023, Limerick, Ireland, Thursday 11/9/2023.

14. Invited Moderator, “Beacon Blockages: Unveiling Pulmonary Embolism”, Rapid Fire Original Investigations, American College of Chest Physicians conference, CHEST 2024, Session 4070, Boston, MA, Tuesday, October 8th, 2024.

15. Invited Moderator, “Diffuse Lung Disease Global Case Reports”, Poster session, American College of Chest Physicians conference, CHEST 2024, Session 4276, Boston MA, Tuesday, October 8th, 2024.

16. Invited Speaker, “Preserved Ratio-Impaired Spirometry and Airflow Obstruction Have Differing Associations with Cardiovascular Function on Cardiac MRI: The Jackson Heart Study.” Oral presentation, “Improving Outcomes in Obstructive Lung Disease” session, American College of Chest Physicians conference, CHEST 2024, Session 4024, Boston, MA, Wednesday, October 9th, 2024.

17. Invited Moderator, “ILD Case Reports Potpourri”, Rapid Fire Case Reports, American College of Chest Physicians conference, CHEST 2024, Session 4139, Boston, MA, Wednesday, October 9th, 2024.

18. Invited Speaker, topic: “What’s So Vital About the Vital Capacity? Clinical Associations and Consequences of Low FVC and the ‘Restrictive Spirometry Pattern’”. Mount Sinai Division of Occupational and Environmental Medicine Grand Rounds, Icahn School of Medicine at Mount Sinai, New York, NY, Friday, March 28th, 2025.

19. Invited Facilitator, Thematic Poster Session “A62 Pier 41: Key Clinical Complications, Diagnostic Challenges, And Therapeutic Approaches In Pulmonary Vascular Disease Case Reports”. ATS International Conference 2025, San Francisco, CA, Sunday, May 18, 2025.

20. Invited Speaker, topic “What’s So Vital About the Vital Capacity? Clinical Associations and Consequences of Low FVC and the ‘Restrictive Spirometry Pattern’”. Mount Sinai Division of Occupational and Environmental Medicine Residency Didactics. Mount Sinai Medical Center, New York, NY, Wednesday, December 3rd, 2025.

21. Invited Facilitator, Thematic Poster Session “C63 Key Clinical Complications, Diagnostic Challenges, And Therapeutic Approaches In Pulmonary Vascular Disease Case Reports”. ATS International Conference 2026, Orlando, FL, Tuesday, May 19th, 2026.

22. Invited Moderator, “Advances in PH Treatment”. Rapid Fire Original Investigations, Session ID 4187, American College of Chest Physicians conference, CHEST 2026, Phoenix, AZ, Tuesday, October 20th, 2026.

23. Invited Moderator, “Obstructive Lung Diseases Scientific Abstract Posters (E): COPD”. Original Investigations Posters, Session ID 4544, American College of Chest Physicians conference, CHEST 2026, Phoenix, AZ, Wednesday, October 21st, 2026.

GRANT SUPPORT
PAST

2009-2013	Grant R18 HL 093090 “Translating COPD Guidelines into Primary Care Practice (The Lung Age Study)”. Role: Member, Data Safety and Monitoring Board.
2010-2011	Department of Medicine Chairman's Developmental Research Grant, Brown University. "The effect of pulmonary rehabilitation on systemic vascular function in COPD" Role: PI. $25,000/year x 1 year
2012-2013	Grant number 20113648, The Rhode Island Foundation. "Effect of Cardiovascular Risk Reduction on Systemic Vascular Function in Diabetics with COPD" Role: PI. $13,790 x 1 year.
2012-2014	VA Cooperative Study CSP#574 "Extended Steroid in CAP(e) (ESCAPe): A Randomized, Placebo-Controlled, Double-Blind Clinical Trial to Evaluate the Safety and Efficacy of Methylprednisolone in Hospitalized Veterans with Severe Community-Acquired Pneumonia". Role: Site investigator. Local site budgetary support: $24,514 (in 2012); $58,930 (2013). *--Study completed; results were published in Intensive Care Medicine in 2022.*
2013-2019	VA Merit Review 5 I01 CX000908-04 (Co-PIs: Ron Goldstein, Boston VA Medical Center, Sharon Rounds, Providence VA Medical Center). “Tadalafil for Pulmonary Hypertension Associated with Chronic Lung Disease (TADA-PHiLD) study”. Role: Site Co-Investigator *--This was a pivotal multicenter VA clinical trial evaluating the effect of phosphodiesterase-5 inhibition versus placebo for the treatment of pulmonary hypertension related to COPD (COPD-PH). The Pulmonary Hypertension clinic at the Providence VA served an important role in subject recruitment and evaluation. Study completed and study manuscript published in Pulmonary Circulation in 2022.*
2016-2018	VA Merit Review CLIN-008-12S. (PI: Daniel J. Gottlieb, MD, MPH). “Oxygen versus PAP for Treatment of Sleep Apnea in Chronic Heart Failure (OPTIMAL-HF) study”. Role: Local Site Investigator. Site budgetary support: $40,000 (2017), $6,700 (2018).
2020-2021	VISN1 Clinical Trials Network. (Principal Investigator: Westyn Branch-Elliman). “Sarilumab for Patients with Moderate COVID-19 Disease: A Randomized Controlled Trial with a Play-The-Winner Design”. Role: Site Co-Principal Investigator. Local site PI: Nishant Shah. Funding mechanism pending. Industry support: None. ClinicalTrials.gov number: NCT04359901. *--Study completed; study results published in PLoS One in 2022.*
2021-2022	INSIGHT subaward #204-014-074025-P5. NCT04501978. Sponsor: University of Minnesota. (Principal Investigator: Prof. Jens Lundgren). “Therapeutics for Inpatients with COVID-19 (TICO)/ACTIV-3 (INSIGHT 014)”. Role: Site Principal Investigator, Funding: Local site budgetary support: $12,180. *--Study completed; enrollment ended.*
2022	National Institute of Allergy and Infectious Disease (NIAID), National Institutes of Health, and carried out by the International Network of Strategic Initiatives in Global

HIV Trials (INSIGHT) and University of Minnesota. "Evaluation of the Feasibility and Reproducibility of 2 Point-of-Care Tests for SARS-CoV-2 Antibodies (EPOC)—INSIGHT-017".
Role: Site Co-investigator. (Site PI: Anupama Menon). Local site budgetary support: $5654.
--*Study completed; enrollment ended. Manuscript published: Reilly C, Mylonakis E, Dewar R, Young B, Nordwall J et al. Evaluation of the feasibility and efficacy of point-of-care antibody tests for biomarker guided management of COVID-19. J Infect Dis. 2024 Sep 12:jiae452. PMID: 39269490.*

ACTIVE

2024-2029 VA Merit Review, VA Office of Research and Development Clinical Science R+D grant number I01CX002543-01A2 (Contact PI: Sharon Rounds). "Effect of PDE5 Inhibitor on Respiratory Symptoms in COPD Complicated by Pulmonary Hypertension or (Breathe Easier with Tadalafil Therapy for Exercise Related dyspnea in COPD-PH, "BETTER COPD-PH")".
Role: Site Principal Investigator. Clinical Trials.gov number: NCT05937854.
--*Study currently enrolling.*

UNIVERSITY TEACHING ROLES

2007 Small group leader, BIOL 3660: Integrated Medical Sciences (IMS) III: Pulmonary. Seven sessions, 8 students in group.

2007 Lecturer, BIOL 3660: IMS III: Pulmonary. One lecture, 97 students in class.

2007 Small group leader, Supporting Structures, BIO 350 Integrative Pathophysiology/Pharmacology, 2 sessions.

2008 Associate course director, BIOL 3663 IMS III: Pulmonary.

2008 Lecturer, BIOL 3663 IMS III: Pulmonary. Four lectures, 97 students in class.

2008 Small group leader, BIOL 3663 IMS III: Pulmonary. Seven sessions, 8 students in group.

2009 Course director, BIOL 3663 IMS III: Pulmonary.

2009 Lecturer, BIOL 3663 IMS III: Pulmonary. Five lectures, 1 problem session, 1 review session, 97 students in class.

2009 Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 8 students in group.

2009-2017 Curriculum Development, BIOL 3663 IMS III: Pulmonary: 10 lectures and organized problem sessions, 2 organized review sessions, individual sample questions and problem sets, 1 pulmonary physiology guidebook for course.

2010 Course director, BIOL 3662 IMS III: Pulmonary.

2010	Lecturer, BIOL 3662 IMS III: Pulmonary. Five lectures, 1 problem session, 1 review session, 97 students in class.
2010	Small group leader, BIOL 3662 IMS III: Pulmonary. Five sessions, 8 students in group.
2011	Course leader, IM-3310: Pulmonary Diseases clinical elective. On average, 1 student every 2-4 months.
2011	Course director, BIOL 3662 IMS III: Pulmonary.
2011	Lecturer, BIOL 3662 IMS III: Pulmonary. Four 80-minute lectures, 1 problem session, 2 organized review sessions, 97 students in class.
2011	Small group leader, BIOL 3662 IMS III: Pulmonary. Six sessions, 9 students in group.
2012	Course director, BIOL 3663 IMS III: Pulmonary.
2012	Lecturer, BIOL 3663 IMS III: Pulmonary. Three 80-minute lectures, 3 50-minute lectures, 3 organized review sessions, 106 students in class.
2012	Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 9 students in group.
2013	Course director, BIOL 3663 IMS III: Pulmonary.
2013	Lecturer, BIOL 3663 IMS III: Pulmonary. Four 80-minute lectures, one 50-minute lecture, one 30-minute lecture, two organized review sessions, 111 students in class.
2013	Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 10 students in group.
2014	Course director, BIOL 3663 IMS III: Pulmonary.
2014	Lecturer, BIOL 3663 IMS III: Pulmonary. Five 50-minute lectures, two 80-minute lectures, 3 recorded presentations, one organized review session, 118 students in class.
2014	Small group leader, BIOL 3663 IMS III: Pulmonary. Five sessions, 8 students in group.
2015	Course director, BIOL 3663 IMS III: Pulmonary.
2015	Lecturer, BIOL 3663 IMS III: Pulmonary. Three 80-minute lectures, three 50-minute lectures, 4 recorded presentations, one organized review session, 122 students in class.
2015	Small group leader, BIOL 3663 IMS III: Pulmonary. Five sessions, 10 students in group.
2016	Course director, BIOL 3663 IMS III: Pulmonary

2016 Lecturer, BIOL 3663 IMS III: Pulmonary. Three 80-minute lectures, three 50-minute lectures, 3 recorded presentations, one organized review session, 144 students in class.

2016 Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 12 students in group.

2016 Ultrasound training sessions, BIOL 3663 IMS III: Pulmonary. Three 60-90 minute sessions, 8-12 students per session in divided groups.

2017 Faculty participant, IM-3205: Winter School in Critical Care, Fundamental Critical Care Support program of the Society of Critical Care Medicine, at University of Tübingen, Germany. Two-week course with didactic, problem-based learning, hands-on, and simulation sessions. Fifteen student participants from University of Tübingen, Brown University, and Kyoto University.
--See "State-of-the-Art Lessons in a Medieval Town", by Sean Love MD '17. Brown Medicine magazine, Spring 2017; http://www.brownmedicinemagazine.org/blog/state-of-the-art-lessons-in-a-medieval-town/.

2017 Course director, BIOL 3663 IMS III: Pulmonary

2017 Lecturer, BIOL 3663 IMS III: Pulmonary: Two 80-minute lectures, three 50-minute lectures, one organized review session, one clinical-pathological correlation conference, 145 students in class.

2017 Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 12 students in group.

2018 Course director, BIOL 3663 IMS III: Pulmonary

2018 Lecturer, BIOL 3663 IMS III: Pulmonary: Two 80-minute lectures, two 50-minute lectures, one organized review session, one clinical-pathological correlation conference, 145 students in class.

2018 Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 12 students in group.

2019 Course co-director, BIOL 3663 IMS III: Pulmonary

2019 Lecturer, BIOL 3663 IMS III: Pulmonary: Two 80-minute lectures, two 50-minute lectures, one organized review session, one clinical-pathological correlation conference, 145 students in class

2019 Small group leader, BIOL 3663 IMS III: Pulmonary. Six sessions, 9 students in group.

2020 Teacher, Internship Prep Course, Management of Pulmonary Disease. One 3-hour in-person session

2020 Lecturer, BIOL 3663 IMS III: Pulmonary: One 50-minute lecture, one 80-minute lecture, 145 students in class

2020	Small group leader, in-person small group, BIOL 3663 IMS III: Pulmonary. Six sessions, 6 students in group.
2021	Teacher, Internship Prep Course, Management of Pulmonary Disease. One 3-hour in-person session
2021	Lecturer, BIOL 3663 IMS III: Pulmonary: One 50-minute lecture, one 80-minute lecture, 145 students in class
2021	Small group leader, in-person small group, BIOL 3663 IMS III: Pulmonary. Six sessions, 10 students in group
2022	Teacher, Internship Prep Course, Management of Pulmonary Disease. One 3-hour in-person session
2022	Small group leader, in-person small group, BIOL 3663 IMS III: Pulmonary. Three sessions, 12 students in group.
2023	Lecturer, BIOL 3663 IMS III: Pulmonary: One 50-minute lecture, 145 students in class.
2024	Lecturer, BIOL 3663 IMS III: Pulmonary: One 50-minute lecture, 145 students in class.
2025	Lecturer, BIOL 3663 IMS III: Pulmonary: One 50-minute lecture, ~150 students in class.
2025	Small group leader, in-person small group, BIOL 3663 IMS III: Pulmonary. One session, 10 students in group
2026	Lecturer, BIOL 3663 IMS III: Pulmonary: One 50-minute lecture, one 80-minute lecture. ~150 students in class.

HOSPITAL TEACHING ROLES

2007-	ICU and Pulmonary Consult Service Attending for Medical Students, Internal Medicine Residents, and Pulmonary Fellows. On average, 3-4 months per year, 4 fellows per year, 1-2 residents per year on elective rotation, contact with 20-24 residents and students/year on ICU service.
2007-	Pulmonary mentor for clinical Pulmonary Fellows. Includes: instruction in vascular, lung, and pleural ultrasonography, chest tube placement and management, tunneled pleural catheter insertion and management; and instruction in endobronchial ultrasonography. On average, 1 fellow for 3 months per year
2007-	Lecturer, Internal Medicine Resident Noon Conference Sessions On average 1 session per year.
2010, 2013, 2019, 2025, 2026	Research mentor for Pulmonary Research Fellow. 1 fellow for 1 year.

2012-2023 Pulmonary Hypertension clinical mentor for VA/Brown Preventive Cardiology Fellows
1 fellow per year
(Preventive Cardiology program ended in 2023)

UNDERGRADUATE MENTEES

2026- Varsha Ramachandran: Undergraduate Pre-Medical Student, Brown University. Mentorship including clinical shadowing, research guidance.

GRADUATE AND POST-GRADUATE MENTEES

2010-2011 Anthony Steven Lubinsky, M.D.
Project: "The effect of pulmonary rehabilitation on systemic vascular function in COPD."
Current position: Staff pulmonary and critical care physician; Co-Director, Adult ECMO; Medical Director, Respiratory Care, Tisch Hospital; Clinical Associate Professor of Medicine, Department of Medicine at NYU Grossman School of Medicine, New York, NY.
Role:
--Served as research mentor for Dr. Lubinsky
--This project resulted in an abstract presented at *ATS 2011 International Conference*.

2013-2014 Samuel K. Evans, M.D.
Project: "Effect of cardiovascular risk reduction clinic on cardiac risk factors and systemic vascular function in diabetic veterans with chronic obstructive pulmonary disease."
Current position: Attending pulmonologist, Sturdy Memorial Hospital, Attleboro, MA; Assistant Professor of Medicine, Clinical Educator, Warren Alpert Medical School of Brown University.
Role:
--Served as research mentor for Dr. Evans.
--This project resulted in an abstract presented at *ATS 2014 International Conference*.

2014-2015 Mark Godfrey, M.D.
Project: “Epidemiology of the Restrictive Spirometry Pattern and Relationship to Cardiac Structure and Function in African-Americans.”
Current position: Pulmonary physician; Director of Bronchoscopy and Interventional Pulmonology, Hartford Hospital and Hartford Healthcare Medical Group, Hartford, CT.
Role:
--Served as research mentor for Dr. Godfrey
--This project resulted in a review article published in *Chest*, an abstract that was presented at the *ATS 2016 International Conference*, and an original manuscript that has been published in the *Annals of the American Thoracic Society*.

2017-2018 Suvasini Lakshmanan, M.D.
Project: “Gender differences in Risk Factors Associated with Pulmonary Artery Systolic Pressure, Heart Failure and Mortality in African-American Individuals: Jackson Heart Study and Association of Elevated Plasma Adiponectin levels with

Pulmonary Hypertension, Mortality and Heart Failure in African-Americans: Jackson Heart Study."
Current position: Staff Cardiologist, Harbor-UCLA Medical Center; Assistant Professor of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA; Investigator, Cardiology, Lundquist Institute, Torrance, CA.
Role:
--Served as master's thesis reader for Dr. Lakshmanan, when candidate for Master of Science in Clinical and Translational Research Degree, Brown University School of Public Health. Her degree was awarded May 2018.
--This project resulted in an abstract presented at the *ATS 2018 International Conference* and manuscripts published in the *Journal of the American Heart Association* and *Pulmonary Circulation*.

2019-2021 Yevgeniy Vayntrub, M.D.
Project: "Diagnostic Performance of the Herder Malignancy Risk Prediction Model in Veterans Undergoing PET Scans for Pulmonary Nodule Evaluation."
Current position: Fellow, Interventional Pulmonology, Cooper University Health, Camden, NJ.
Role:
--Served as research mentor for Dr. Vayntrub
--This project resulted in an abstract and video poster presentation for *ATS 2021* and a manuscript that was published in *Lung*.

2022-2024 Daniel H. Jang, M.D.
Project: "Hemorrhagic complications of transthoracic needle biopsy of the lung in patients with pulmonary hypertension: a systematic review of the literature and meta-analysis."
Current position: Pulmonary and Critical Care Fellow at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, July 2024- .
Role:
--Served as mentor for Dr. Jang for this academic project.
--This project resulted in an abstract and poster presentation at the *ATS 2023 International Conference* and a manuscript that has been published in *Journal of Vascular and Interventional Radiology.*

2025-2026 Shreya Vakharia, M.D.
Project: "Changes in oscillometry in patients with CPFE and COPD"
Current position: Assistant Professor of Clinical Medicine (Pulmonary, Allergy and Critical Care), University of Pennsylvania, Philadelphia, PA.
Role: Research Mentor for Dr. Vakharia.
--This project has resulted in two abstracts that were presented at the *ATS 2026 International Conference*; a manuscript has been submitted for publication.

2026- Jacob Brown, M.D.
Project: "Observational patterns of Lung-RADS 4A endobronchial versus solid parenchymal nodules on follow-up low-dose CT: a single-center retrospective cohort study."
Current position: PGY6 Pulmonary and Critical Care Fellow, Warren Alpert Medical School of Brown University
Role: Research Mentor for Dr. Brown.