

**CURRICULUM VITAE**  
**DEBASREE BANERJEE, MD, MS, FCCP**

**Business Address:** Rhode Island Hospital  
593 Eddy Street  
POB, Suite 224  
Providence, RI 02903

**Business Telephone:** 401-444-4191  
**Business Fax:** 401-444-0094  
**Email Address:** [Debasree\\_banerjee@brown.edu](mailto:Debasree_banerjee@brown.edu) or  
[Banerjed19@gmail.com](mailto:Banerjed19@gmail.com)

**EDUCATION**

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|--------|------|--|
| 5/2005 | B.A. | Undergraduate<br>Major: Biology; Minor: Art History<br>Johns Hopkins University, Baltimore, MD |
| 9/2006 | M.S. | Masters Studies<br>Molecular and Cellular Biology<br>Johns Hopkins University, Baltimore, MD   |
| 6/2010 | M.D. | Medicine<br>New York Medical College, Valhalla, NY   |

**POSTGRADUATE TRAINING**

**Residency:**

|        |           |   |
|--------|-----------|---|
| 6/2011 | Intern    | Internal Medicine<br>Warren Alpert Medical School of Brown University<br>Providence, RI |
| 6/2013 | Residency | Internal Medicine<br>Warren Alpert Medical School of Brown University<br>Providence, RI |

**Fellowship:**

|        |            |  |
|--------|------------|--|
| 6/2016 | Fellowship | Pulmonary and Critical Care<br>Warren Alpert Medical School of Brown University<br>Rhode Island Hospital<br>Providence, RI |
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## **POSTGRADUATE HONORS AND AWARDS**

- 2010        **Leonard Tow Award, Gold Humanism Honor Society, NYMC**  
Selected by fellow Gold Humanism Honorees for this distinction for exemplifying humanism in medicine. This award is given to one graduate annually.
- 2010        **Medical Student Research Committee Co-Chair, NYMC**
- 2010        **Cor et Manus, Student Senate, NYMC: Senate Award**  
Awarded by faculty and administration to five medical school graduates who advanced the mission and education of the medical school
- 2010        **Victor Tchertkoff Memorial Award, NYMC**  
Awarded to one medical school graduate along with 1000\$ for excellence in academics
- 2013        **Harvey P. Lesselbaum Memorial Award**  
Selected by chief residents and program directors as the single recipient of this award for being an exemplary scholar, teacher, and clinician. As awardee, I was also granted 1000\$.
- 2015        **ATS Fellows Track Symposium, Denver, CO**
- 2016        **CHEST Travel Grant Awardee, Montreal, CA**
- 2016        **Alpha Omega Alpha member**  
Selected by the Alpert Brown Medical Students for exemplary knowledge and teaching ability. I was among a handful of fellows and faculty to be nominated.
- 2018        **Internal Medicine Attending Teaching Award**  
Selected by the house staff for exceptional teaching during their MICU rotations. This award is given to five internal medicine faculty per year.
- 2019        **Certificate of Recognition, Physician CARE Award, The Miriam Hospital**  
Nominated by the nurses, respiratory therapists, and clinical managers for providing quality care to patients at The Miriam Hospital.
- 2020        **Elected Fellow of the College of Chest Physicians**
- 2020        **Dean's Teaching Award, Warren Alpert Medical School of Brown University**  
Selected among all medical school faculty of outstanding teaching during their MS2 and clinical years.
- 2021        **APCCMPD Medical Education Research Award**

Our abstract on an anti-racism curriculum in the Division of PCCSM won first place in the Association of Pulmonary Critical Care Medicine Program Directors Conference.

2021 **Justice Equity Diversity and Inclusion Leadership Award, PCCSM Division Award**  
Selected by my Division Chief for outstanding leadership in diversity and inclusion efforts

2021 **Beckwith Teaching Award, Department of Medicine**  
Awarded for excellence in teaching and contributions to the Department of Internal Medicine. This award is given to five faculty per year.

### **PROFESSIONAL LICENSES AND BOARD CERTIFICATIONS**

#### **Licenses:**

2012 Rhode Island

#### **Certifications:**

2013 American Board of Internal Medicine: Internal Medicine

2015 American Board of Internal Medicine: Pulmonary

2016 American Board of Internal Medicine: Critical Care

### **ACADEMIC APPOINTMENTS**

2013-2016 **Teaching Fellow, Pulmonary Critical Care**  
Rhode Island Hospital, The Miriam Hospital  
Veterans Affairs Hospital, Providence, RI

2015-present **Adjunct Clinical Assistant Professor**  
Physician Assistant School, Bryant University, Smithfield, RI

2015-2022 **Course Director**

2016-2018 **Instructor of Pulmonary, Critical Care, and Sleep Medicine**  
Warren Alpert School of Medicine of Brown University, Providence, RI

2018-2019 **Postdoctoral Fellow**  
Brown University, Providence, RI

2019-present **Assistant Professor, Clinician Educator**  
Pulmonary, Critical Care, and Sleep Medicine

Warren Alpert School of Medicine of Brown University, Providence, RI

### **HOSPITAL APPOINTMENTS**

- 2016 - present      **Attending Physician**  
Rhode Island Hospital and The Miriam Hospital, Providence RI
- 2018-2019          **Co-Director Pulmonary Rehabilitation**  
Lifespan Health System, Providence, RI
- 2019-2022          **Associate Director, Adult Cystic Fibrosis Clinic, Providence, RI**  
This clinic provides multidisciplinary care to 67 adult patients in Southern New England. Our center is an official site accredited by the Cystic Fibrosis Foundation
- 2019-present      **Director, Critical Care Consult Service, Providence, RI**  
I oversee the management of all medical ICU consults (RICU/MICU) from throughout the hospital (ED, floors, other ICUs) and from express care (for outside referrals and transfers). There is one attending on per week, and we average approximately 1000 consults per year.
- 2020-2021          **Director, 6ICU, Rhode Island Hospital, Providence, RI**  
I was the Medical Director of the 6ICU, a medical ICU that was made to meet the great need for critical care during the COVID-19 pandemic. I oversaw a team of two MD intensivists and three APPs and worked closely with nursing leadership, pharmacy, my division chief, and Lifespan leadership to create a functional and efficient ICU. It was closed after the third surge once incident rates for COVID-19 decreased in Rhode Island.
- 2021-present      **Associate Director, Medical ICU, Providence, RI**  
As Associate Director of the MICU, I oversee an extremely busy, 18 bed ICU with rotating house staff. I am responsible for orienting and evaluating residents along with assisting in daily function of the ICU.

### **OTHER APPOINTMENTS**

- 2019-present      **Facilitator, Bias Reduction in Internal Medicine**  
I was nominated by division chief to partake in a yearlong training course in implicit bias. I became a peer facilitator for this national curriculum and have presented to fellow faculty in the Department of Internal Medicine.
- 2020-present      **BRPT32 pathophysiology lecturer**  
I teach as part of a faculty panel for the doctorate and post doctorate students on the Brown Respiratory T-32. This involves lecturing at the medical school and doing a question/answer session

2021-present            **Director, Justice, Equity, Diversity and Inclusion Curriculum for Brown Physicians Inc, Providence, RI**  
I have curated and created content for an anti-racism curriculum for Brown Physicians Incorporated faculty and fellows. I have recruited and helped to train 8 faculty members who help facilitate sessions. This curriculum consists of 7 one-hour, virtual sessions. There are 4 divisions in Internal Medicine and the Neurology Department participating in 2021-2022 (approximately 125 faculty reached)

**HOSPITAL AND CLINICAL COMMITTEES**

2013-2019            **Ethics Committee, member, Rhode Island Hospital, Providence, RI**

2020-present            **ICU Leadership Collaborative Committee, member**

2021-present            **OpEX Quality Improvement: EPIC tracking of critical care consults, member**

2022                      **NeuroCritical Care Director Search Committee, member**

**UNIVERSITY COMMITTEES**

2019-present            **Education Committee, Pulmonary, Critical Care Fellowship**  
Warren Alpert Medical School of Brown University, Providence, RI

2020-present            **Admissions Committee**  
Warren Alpert Medical School of Brown University, Providence, RI  
Selected by the admissions committee to serve as one of several faculty members to interview and rank prospective medical students at Warren Alpert Medical School of Brown University.

2020-present            **Residency Selection Committee, Internal Medicine Residency**  
Brown University  
Asked to be faculty interviewer for IM candidates at Brown.

2020-present            **Department of Medicine Diversity Committee**  
Rhode Island Hospital, Providence, RI  
Selected to serve on the DOM DEI Committee. We meet monthly to discuss DEI projects in faculty recruitment/retention, education, and community outreach.

2020-present            **Director, Pulmonary and Critical Care Fellowship Diversity Committee (JEDI), Rhode Island Hospital, Providence, RI**

I work closely with the fellowship PD/APD to discuss strategies for improving recruitment of URM fellows and faculty and reduce bias in selection and improve retention of URM fellows/faculty.

- 2022-present **Brown Physicians Incorporated, Diversity Committee**  
Rhode Island Hospital, Providence, RI  
Invited to join a multidisciplinary team across BPI to promote DEI activity in the workplace, improve community outreach and in trainee experience.
- 2022- present **Faculty Advisor, PCCSM Interest Group**  
Warren Alpert Medical School, Brown University, Providence, RI

### **MEMBERSHIP IN SOCIETIES**

- 2010-present **Gold Humanism Honors Society**
- 2013-present **American Thoracic Society, RI Chapter**  
2019-2021 **Vice president**, American Thoracic Society, RI Chapter, Providence, RI  
2021-present **President**, American Thoracic Society, RI Chapter, Providence, RI
- 2014-present **Society of Critical Care Medicine**
- 2014-present **American College of Chest Physicians**  
2015-2019 **Fellow in training member**, Women's Health  
**Network Steering Committee**, CHEST  
2019-present **Member**, Women's Health  
Network Steering Committee, CHEST  
2020-present **Fellow of the College of Chest Physicians**
- 2014-present **American Thoracic Society**
- 2016-present **Alpha Omega Alpha, member**
- 2017-present **Shock Society**

### **MEDIA**

- 2021 Waterfire torch bearer for COVID first responders
- 2021 Channel 10 news WJAR, COVID update interview 3/1
- 2022 Boston Globe, COVID update interview 1/13

### **PUBLICATIONS LIST**

## **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. **Banerjee D**, Hussain R, Mazer J, Carino G. A prophylactic fresh frozen plasma transfusion leads to a possible case of transfusion-related acute lung injury. *BMJ Case Rep* 2014 (PMID: 25053669).
2. **Banerjee D**, Kamuren J, Baird G, Palmisciano A, Krishnan I, Whittenhall M, Klinger J, Ventetuolo C. The Modified Borg Dyspnea Scale does not predict hospitalization in pulmonary arterial hypertension. *Pulmonary Circulation* 2017.
3. **Banerjee D**, Monaghan S, Zhao R, Walsh T, Palmisciano A, Phillips G, Opal S, Levy M. Soluble Programmed cell death protein-1 and programmed cell death ligand-1 in sepsis. *Critical Care* 2018.
4. **Banerjee D**, Vargas S, Guthrie K, Wickham B, Allahua M, Whittenhall M, Palmisciano A, Ventetuolo C. Sexual health and health related quality of life among women with pulmonary arterial hypertension. *Pulmonary Circulation* 2018.
5. Monaghan S, **Banerjee D**, Chun CS, Lomas-Neira J, Cygan K, Rhine C, Fairbrother W, Heffernan D, Levy MM, Cioffi W, Ayala A. Changes in the process of alternative RNA splicing results in soluble B and T lymphocyte attenuator with biological and clinical implications in critical illness. *Molecular Medicine* 2018.
6. Corl K, Prodromou M, Merchant R, Gareen I, Marks S, **Banerjee D**, Amass T, Abbasi A, Delcopare C, Palmisciano A, Aliotta J, Jay G, Levy M. The Restrictive Intravenous Fluid Trial in Severe Sepsis and Septic Shock (RIFTS): a Randomized Pilot Study. *Critical Care Medicine* 2019.
7. **Banerjee D**, Grammatopoulos T, Palmisciano A, Klinger JR, Krishnan I, Whittenhall M, Zhou A, Dudley S, Ventetuolo C. Alternative Splicing of the Cardiac Sodium Channel in Pulmonary Arterial Hypertension. *Chest* 2020.
8. Rhoads S, Cooney K, **Banerjee D**. Emotional Impact of COVID-19 Pandemic on Adult Persons with Cystic Fibrosis. *Rhode Island Medical Journal* 2021.
9. Yee D, **Banerjee D**, Vargas SE, Allahua M, Whittenhall ME, Perry N, Ventetuolo CE, Guthrie KM, Sexual Health-related Quality of Life in Women with Pulmonary Arterial Hypertension: Compensating for Loss. *Annals of the American Thoracic Society* 2022.
10. Boyd C, Vayntrub Y, **Banerjee, D**, Pulmonary Mucormycosis with Dissemination: A Case of Unrelenting Fever and Chest Pain. *Annals of Internal Medicine Clinical Cases*, 2022.

## **MANUSCRIPTS IN PREPARATION AND UNDER REVIEW**

1. **Banerjee D**, Nassikas N, Singh P, Andrea S, Zhang A, Aswad Y, Singh N, Walsh S, Cox-Flaherty K, Carter J, Sharkey K. Implementation of an anti-racism curriculum in a pulmonary critical care division: feasibility and effectiveness. Submitted to ATS scholar.
2. Stephen A, Andrea S, **Banerjee D**, Arafeh M, Askew H, Heffernan D. Individual Real-estate Demographic and Housing characteristics as social determinants of health on COVID19 outcomes among ICU patients in Rhode Island. Submitted to Population Health.
3. Rhoads S, Chambers A, Blundin M, Auth R, McLaughlin S, **Banerjee D**. Assessment of Vaping Practices in Patients with Cystic Fibrosis. Submitted to Adolescent Health, 2022.
4. Sun X, Nakajima E, Yang D, Ventetuolo C, Braza J, Vang A, Aliotta J, **Banerjee D**, Pereira M, Baird G, Lu Q, Harrington E, Rounds S, Lee CG, Choudhary G, Klinger J, Zhou Y. Chitinase 3-Like-1 Contributes to the Development of Right Ventricular Hypertrophy and Pulmonary Vascular Remodeling in Pulmonary Hypertension. Submitted to AJRCCM, 2021.

### **REVIEWS AND EDITORIALS IN PEER-REVIEWED JOURNALS**

1. Pengo M.F, **Banerjee D**, Kaur P, Bourjeily G. Sleep disordered breathing in pregnancy: Food for thought. Obstetric Medicine 2016.
2. **Banerjee D**, Ventetuolo C. Pulmonary Hypertension in Pregnancy. Seminars in Respiratory and Critical Care Medicine 2017.
3. **Banerjee D**, Opal S. Age, exercise and the outcome of sepsis. Editorial. Critical Care 2017.
4. Cox K, **Banerjee D**. Acute Renal Failure in Critically Ill Patients: Current Evidence-Based Practices. RI Med J 2019.
5. **Banerjee D**, Askew M, Stephen A. Considering the Impact of Type 2 Diabetes Mellitus- Biological Mechanisms in COVID-19 Pathology. US Respiratory and Pulmonary Diseases 2020.
6. Boyd C, Auth R, Blundin M, **Banerjee, D**. Updates on the Management of Cystic Fibrosis: Development of Modulators and Advancement of Antibiotic Therapies. Rhode Island medical Journal 2021.

### **NON-PEER REVIEWED PUBLICATIONS**

1. **Banerjee D**. Top 10 Facts on Zika. CHEST Thought Leader Blog 2016. <https://www.chestnet.org/leadership/thought-leader-blog/2016/05/zika>
2. Ayyar L, **Banerjee D**, Pawar L. Lymphangiomyomatosis CHEST Foundation Lung Health A-Z Updated 2020. <https://foundation.chestnet.org/lung-health-a-z/lymphangiomyomatosis/>

3. **Banerjee D.** Pregnancy in cystic fibrosis. CHEST Physician 2021.

### **BOOK CHAPTERS**

1. **Banerjee D,** Mazer, J and Ward NS. “Acute Respiratory Failure in Adult.” Comprehensive Critical Care Review Textbook, Society of Critical Care Medicine. 2016.
2. **Banerjee D,** Levy M. “Sepsis Definitions.” Sepsis: Definitions, Pathophysiology and the Challenge of Bedside Management. First edition. Nicholas Ward MD, and Mitchell Levy MD, New York: Humana Press. 2016. 400 pages. Print
3. **Banerjee D,** Shah S, Ward NS. “End of Life Care in the ICU.” Evidence Based Critical Care. 2020.
4. Lee J, **Banerjee D.** Metabolomics and the Microbiome as Biomarkers in Sepsis. Critical Care Clin 2020.
5. Rounds S, **Banerjee D,** Gartman E. Lung in Health and Disease. Cecil Essentials 2021.
6. Vasquez Z, Jankowich M, **Banerjee D.** Obstructive Lung Diseases. Cecil Essentials 2021.
7. Powers K, **Banerjee D,** McKinney R. Transitions in Care from Pediatric to Adult Providers for Individuals with Pulmonary Disease. Cecil Essentials 2021.
8. **Banerjee D,** Levinson A, Mazer J, Bourjeily G. Pulmonary Complications of Pregnancy. Fishman’s Pulmonary Diseases and Disorders 2022.

### **ABSTRACTS**

1. **Banerjee D,** Ravindran K. The Clinician Educator Track: Creating a Curriculum for Residency. Presented at NEGEA 2014.
2. Marmor M, **Banerjee D,** Palmisciano A, Levinson A, Bourjeily G. The Obstetric Trauma Patient: A Review of the Trauma Registry for a Tertiary Care Hospital. Presented at NASOM 2015.
3. Ventetuolo CE, Aliotta J, Pereira M, **Banerjee D,** Zhou Y, Ma B, Elias JA, Lee CG, Klinger JR. Chitinase 3-like-1 Plays an Important Role in the Development of Right Ventricular Hypertrophy and Pulmonary Vascular Remodeling. Accepted American Thoracic Society International Conference 2016 (abstract #10908).
4. **Banerjee D,** Kamuren J, Baird G, Palmisciano A, Krishnan I, Whittenhall M, Klinger JR, Ventetuolo CE. The Relationship between the Modified Borg Scores and Hospitalization in

- Pulmonary Arterial Hypertension. Accepted American Thoracic Society International Conference 2016 (abstract #7461).
5. **Banerjee D**, Anyu Zhou A, Whittenhall M, Palmisciano A, Krishnan I, Klinger JR, Dudley S, Ventetuolo CE. Alternative Splicing of the Cardiac Sodium Channel in Pulmonary Arterial Hypertension. Accepted American Thoracic Society International Conference 2016 (abstract #5213).
  6. Kaur A, **Banerjee D**, Ventetuolo C, Muratore C, Devers C, Bourjeily G, Levinson A. Use of Extracorporeal Membranous Oxygenation in the Peripartum Period. Presented NASOM 2016.
  7. **Banerjee D**, Bourjeily G. Maternal Sleep Disordered Breathing Potentially Fatal for the Fetus. American Thoracic Society International Conference 2017 (abstract # 5680).
  8. Foderaro AE, **Banerjee D**, A Tale of Two Conditions: Calciphylaxis and Sodium Thiosulfate Toxicity. Presented at the American Thoracic Society International Conference 2017.
  9. Foderaro AE, Johnghar A., Aswad B., Edmund L., Whittenhall M., Ventetuolo C., **Banerjee D**, Klinger J. A Rare Cause and Complex Presentation of Pulmonary Hypertension: Pulmonary Capillary Hemangiomas. American Thoracic Society International Conference 2017.
  10. Foderaro AE, Corl K., Geary M., Rogers R., **Banerjee D**, Tukey M. A Rare Case of Tracheal Stenosis: Klebsiella Rhinoscleromatis. American Thoracic Society International Conference 2017.
  11. Baek D.S\*, Chem S.J\*, Lee C.G, Elias J.A, **Banerjee D**. Chitinase 3-Like-1 in Murine Sepsis. Undergraduate Teaching Research Award, Providence, RI 2018.
  12. Baek D.S\*, Chem S.J\*, Lee J.S, Sharkey K.M, Levy M, **Banerjee D**. Effects of Ramelteon on Sleep and Delirium in Patients Admitted to the ICU. Undergraduate Teaching Research Award, Providence, RI 2019.
  13. Yee DC, **Banerjee D**, Getz M, Allahua M.A, Whittenhall M, Walsh T, Ventetuolo C.E, Guthrie K.M. Sexual Health Related Quality of Life in Women with PAH. CHEST, October 2020, Virtual Meeting due to COVID (#1935).
  14. Rhoads, S\*; Chambers, A; Blundin, M; Auth, R; McLaughlin, S; **Banerjee D**. Assessment of Vaping Practices in Patients with Cystic Fibrosis. Chest, October 2020. Virtual Meeting due to COVID.
  15. Rhoads, S\*; Auth, R, Blundin, M; **Banerjee D**. Perceptions of COVID19 among Cystic Fibrosis Patients. NACFC, October 2020. Virtual Meeting due to COVID.

16. Rhoads, S\*; Auth, R\*, Blundin, M; **Banerjee D**. Internal Medicine Education for Cystic Fibrosis Inpatient Stay at Rhode Island Hospital. NACFC, October 2020. Virtual Meeting due to COVID.
17. Nassikas, N\*; Singh, P\*; Zhang, A; Aswad, Y; Singh, N; Cox-Flaherty, K; Sharkey, K; Carter, J; Carino, G; **Banerjee, D**. Implementation of an Anti-Racism Curriculum in an Academic Pulmonary, Critical Care, and Sleep Medicine Division: Baseline Assessment. APCCMPD, March 2021. Virtual meeting due to COVID.
18. Mistry H\*, Sharkey K, Settipane R, Kimberly J, Cahill K, **Banerjee D**. Assessing Anaphylaxis: Improving Residents' Identification of a Life-Threatening Condition. Brown University Medical Education Symposium, April 2021.
19. Mathew, A\*; Lee, J; **Banerjee, D**; Chen, S; Baek, D; Levy, M; Sharkey, K. A Method for Objective Assessment of Rest Activity Patterns and Light Levels in the ICU. CHEST, October 2021.
20. Vayntrub Y\*, **Banerjee D**; Disseminated Mucormycosis in a Young Patient with Diabetic Ketoacidosis. American Thoracic Society International Conference. May 2021. ePoster Presentation.
21. Stephen A, Arafeh M, Askew M, Heffernan D, Adams C, Kheribek T, Levy M, Aliotta J, Mermel L, Hall B, Lueckel S, **Banerjee, D**; Demographic and housing characteristics can add guidance to vaccination triage and public health measures in a pandemic. Surgical Infection Society, May 2021.
22. Auth R, Stephens M, Rhoads S, **Banerjee D**, Blundin B, Powers K. You down with OCPs? Well, you tell me. NACFC virtual; November 2021; San Antonio, TX.
23. Theroux C\*, **Banerjee D**. A rare case of fatal Lyme Carditis. ATS, May 2022
24. Rhoads S\*, Blundin M, **Banerjee D**. Distal Intestinal Obstruction Syndrome in a Pregnant Woman with Cystic Fibrosis. ATS, May 2022
25. Mock G\*, Theroux C\*, **Banerjee D**. Actinomycosis, a rare cause of tracheitis. ATS, May 2022.
26. Stephens M\*, **Banerjee D**. COVID Associated Pulmonary Aspergillosis in an Immunocompromised Host. RI ACP 2022; virtual

\* Indicates trainees for whom I served as primary mentor

## **EDITORIAL BOARD**

2022-present            Brown Journal of Hospital Medicine

## **INVITED PRESENTATIONS**

### **Local:**

1. Size Matching in Lung Transplantation, Pulmonary Grand Rounds, 2013, Providence, RI.
2. Long Term Follow-up after Severe Sepsis and Septic Shock, Pulmonary Grand Rounds, 2014, Providence, RI.
3. Biomarkers for Lung Cancer, Pulmonary Grand Rounds, 2014, Providence, RI.
4. Rapid Response Systems, Pulmonary Grand Rounds, 2014, Providence, RI.
5. Sexual Dysfunction in Pulmonary Disease, Pulmonary Grand Rounds, 2014, Providence, RI.
6. Adverse Drug Events in the ICU, 2015, Providence, RI.
7. The GI Bleeder and role of VIR, MICU/SICU grand rounds, 2015, Providence, RI
8. Emerging therapies and gaps in care for the chronic cough patient, Pulmonary Grand Rounds, 2014, Providence, RI.
9. Neurally adjusted ventilatory assist, Pulmonary Grand Rounds, 2016, Providence, RI.
10. Sepsis and HLH, Pulmonary Grand Rounds, 2018, Providence, RI.
11. The role of Chitinase 3 Like 1, Division of Pulmonary Critical Care and Sleep Research Conference, 2018, Providence RI.
12. The role of Chitinase 3 Like 1, Division of Surgical Research, 2018, Providence RI.
13. Case of HLH, Internal Medicine Grand Rounds, 2018, Providence, RI.
14. The role of Chitinase 3 Like 1, Division of Pulmonary Critical Care and Sleep Research Conference, 2019, Providence RI.
15. How to Give a Research Talk, PCCSM fellowship, 2019, Providence, RI.
16. Light and Immunity, Pulmonary Grand Rounds, 2019, Providence, RI.
17. COVID-19 ARDS Vent Management, Lifespan Hospital Systems, 2020, Providence, RI.
18. How to Give a Research Talk, PCCSM fellowship, 2020, Providence, RI.

19. AKI in COVID-19, ICU Hospitalist Grand Rounds, 2020, Providence, RI.
20. Social Media in #PCCSM, Pulmonary Grand Rounds, 2021, Providence, RI, 2021.
21. How to Give a Research Talk, PCCSM fellowship, 2021, Providence, RI.
22. Medical Waste, Pulmonary Grand Rounds, Providence, RI, 2021
23. JEDI, multi-part series: I conducted over 20 one-hour sessions on anti-racism to faculty and fellows in various divisions in the department of medicine (GIM, endocrine, rheumatology, infectious disease and geriatrics/palliative care) as well as neurology at Brown University 2021-2022.
24. Medical Morbidity and Mortality, Complications following COVID-19 pneumonia in an immunocompromised patient, Panelist, Providence, RI 2021
25. Airplane Emergencies, Noon Conference, Internal Medicine Residency, Providence, RI. 2021
26. Housing Determinants in COVID-19 in Rhode Island, PCCSM Research Conference, Providence, RI, 2021

**Regional:**

1. Sudden Cardiac Death in Pulmonary Arterial Hypertension, Rhode Island Chapter for the American Thoracic Society 2015, Providence RI.
2. The role of Chitinase 3 Like 1, Brown University Cardio Pulmonary and Vascular Biology COBRE, 2017, 2018 Providence RI.
3. Navigating the role of the physician scientist, Office of Women in Medicine and Science, Brown University, 2018, Providence, RI.
4. Early Career Panel, ACP Resident Conference, 2019, Providence, RI.
5. Pulmonary Function Test interpretation for Respiratory Therapists, American Lung Association, 2019, Barrington, RI.
6. Social Determinants of Health in COVID-19, Rhode Island ATS annual conference, 2020, Providence, RI.
7. Social Media in #PCCSM, Women's Collaborative Grand Rounds, 2021, Providence, RI.
8. JEDI, antiracism series; Massachusetts General Hospital/Brigham and Women's Hospital, 2022, virtual

9. Allyship, How Do We Do This? OGYN Grand Rounds, Cedars Sinai, Los Angeles, CA virtual, 2022
10. JEDI Implementing Anti-Racism in Medical Education, Grand Rounds, Case Western PCCSM, virtual, 2022

**International:**

1. DM and COVID, COVID Conference, University of Beirut, 2020, Beirut, Lebanon (zoom)
2. Staying Calm During COVID-19, Women in Medicine Panel, CHEST, 2020, moderator (zoom)
3. The Impact of COVID-19 on Women in Medicine, CHEST, 2021, panelist (zoom)

**GRANTS AND RESEARCH SUPPORT**

1. 2015-2016      **CHEST Foundation Grant**  
**\$50,000**      Alternative splicing of the SCN5a channel in pulmonary arterial hypertension  
Mentor: Dr. Corey Ventetuolo
2. 2017-2018      **COBRE Pilot Grant, Brown University**  
**\$50,000**      Chi3L1 in sepsis: a mouse model  
Mentor: Dr. Jack Elias
3. 2017-2018      **Beckwith Family Foundation Award,**  
**\$50,000**      Chi3L1 in sepsis: a mouse model  
Mentor: Dr. Jack Elias
2. 2018              **Undergraduate Teaching and Research Award, Brown University,**  
**\$3,500**              Inflammatory cell profiling in cecal ligation and puncture  
Mentee: David Baek
4. 2017-2019      **NIH Loan Repayment Grant**  
Alternative splicing of the SCN5a channel in pulmonary arterial hypertension  
Mentor: Dr. Corey Ventetuolo
5. 2018-2019      **T-32 Post doctorate fellow, Brown University**  
Chi3L1 in sepsis  
Mentor: Dr. Chun Geun Lee
6. 2019-2020      **Undergraduate Teaching and Research Awards, Brown University**  
**\$8,500**              Ramelteon in the ICU and effects on delirium  
Mentee: David Baek

7. 2021-2022 **Department of Medicine Chair Research Grant, Brown University,**  
**\$50,000** Disparities in Fellows versus Faculty Pulmonary Clinic
8. 2022-2023 **Undergraduate Teaching and Research Awards, Brown University**  
**\$2,000** Assessing the Effectiveness of Artwork in Post Intensive Care Syndrome in Families (PICS-Family).  
Mentee: Anasemi Owate-Chujor

### **UNIVERSITY TEACHING ROLES**

2015-present **Course Director and Lecturer,**  
Bryant University, Physician Assistant School, Smithfield, RI

In 2015, I designed and implemented the first pulmonary and critical care curriculum for the physicians' assistant program at Bryant University. I continue to serve as Course Director for this innovative 40-hour curriculum and lecture on pulmonary and critical care topics. Approximately 180 students have received this instruction to date. Approximately 10-15 students rotate through our MICUs on their clinical rotations.

2016-present **Small group facilitator,** Warren Alpert Medical School of Brown University,  
Providence, RI

I have been a small group leader for the MS2 pathophysiology group for six years. I lead a group of 8-10 MS2s through interactive case-based sessions to explore the fundamentals of pulmonary physiology.

2018 **Mentor, Undergraduate Teaching and Research Awards,** Brown University

I have mentored two Brown undergraduate students in basic science and clinical summer projects.

2019-present **Course Director, Critical Care Consult Elective for Internal Medicine,**  
Warren Alpert Medical School of Brown University, Providence, RI

I am the Course Director for the Critical Care Consult Elective which gives residents at RIH firsthand experience for triaging and managing undifferentiated, critically ill patients throughout the hospital (ED, floors, other ICUs).

2019-present **Course Director, Pulmonary Pathophysiology Course for MSIIIs,** Warren Alpert  
Medical School of Brown University, Providence, RI

I am the Course Director for the MS2 pathophysiology course in pulmonary for approximately 200 students yearly. I coordinate all lecturers for this course (>15) as well as teach seven hours of content myself (out of 55 hours of lecture). I along with

my co-director update material, create quizzes, exams, and new content such as team-based learning sessions. We review the course yearly to make improvements. During the pandemic, we adapted to mixed lecture/virtual format for all lecturers and students to maintain a safe environment.

2020-present **Course Director, Critical Care Consult Service for MS3-4**, Warren Alpert Medical School of Brown University, Providence, RI

I am the Course Director for the Critical Care Consult Elective for medical school. Students who are interested in critical care can rotate at RIH to get hands-on learning about ICU triage, resource management, working up a sick patient and stabilizing critically ill patients outside of an ICU.

### **HOSPITAL TEACHING ROLES**

2016-present **Teaching Attending**, Rhode Island Hospital and Miriam Hospital, Providence, RI

I have been a teaching attending in the MICU, pulmonary consults and critical care consult services. As a full-time clinician, I spend all my clinical time in a teaching environment with a large and varied group of learners including medical and APP students, medical, anesthesia and emergency medicine residents and pulmonary/critical care fellows in the pulmonary and critical care as well as critical care fellowships (2 weeks/mo; 1 fellow, 6 residents, 2 students who rotate monthly). I prepare didactics and perform daily bedside teaching in the TMH and RIH ICUs as well as on pulmonary consults and critical care consult rotations.

2020-present **Course Director, JEDI, Brown Physicians, Inc.**

I am the Course Director of a newly developed curriculum on anti-racism to be delivered throughout the hospital system. This is a 7-hour longitudinal curriculum delivered virtually with interactive individual, pair, small group and large group exercise and discussion. I have created, organized, and coordinated this endeavor to deliver to five IM divisions as well neurology (over 150 faculty and fellows in 2021). Together, I have personally led over 50 hours of sessions and coordinated a group of 10 facilitators, provided instruction and training to deliver this material. I have secured funding from the department of medicine for this endeavor.

### **MENTORSHIP**

2016-2017 Leukopenia in Sepsis, retrospective chart review; career mentorship in critical care; Jared Tobolski, MD: fellowship cardiology Maine Medical Center.

2018 Career mentorship for internal medicine; Cassandra Duarte, MD: IM residency at U of Colorado.

- 2018, 2019 Faculty Advisor to Undergraduate Teaching and Research Awards; Chi311 in a sepsis mouse model; Ramelteon for Delirium in the ICU; career mentorship for medicine; David Baek: Bachelors, applying to medical school.
- 2019 Career mentorship for internal medicine; Jillian Peters, MD: IM residency at JHU.
- 2019 Career mentorship for critical care, anesthesia; Paul Vozzo, MD: anesthesia residency at Columbia U.
- 2019-present Anaphylaxis, a residency teaching tool (manuscript in preparation); Hetal Mistry: hospitalist TMH.
- 2019-present Ramelteon in Delirium, Junior faculty advisor; Jisoo Lee, MD: faculty, Brown University PCCSM.
- 2019-present Career mentorship for PCCSM: Quincy Brown, MD: fellowship PCCSM Columbia University.
- 2019-2021 Vaping in Cystic Fibrosis (submitted for publication); COVID stressors in Cystic Fibrosis (submitted for publication); career mentorship in PCCSM; Sarah Rhoads, MD: fellowship PCCSM U Colorado.
- 2020-present Education on Cystic Fibrosis Inpatient Stay (manuscript in preparation); Updates in Cystic Fibrosis, (in press) 2021: Roger Auth, MD: fellowship PCCSM Brown University.
- 2020-present Pulmonary Mucormycosis (manuscript in preparation); Trikafta in CF (retrospective chart review via CFF registry data): Chelsea Boyd, MD.
- 2020-2021 Justice Equity Diversity and Inclusion committee, faculty advisor; Parvati Singh, MD: Sleep fellowship at U Pitt.
- 2020-present Justice Equity Diversity and Inclusion committee, faculty advisor: Nicholas Nassikas, MD: post doctorate fellowship BIDMC.
- 2020 Career mentorship for PCCSM; William Page, MD: hospital medicine at TMH.
- 2020-present Career mentorship for PCCSM; Kelci Ragsdale, PA: fellowship in critical care, JHU.
- 2020-present Career mentorship for PCCSM; pregnancy and OCP use in Cystic Fibrosis; Case Report: CAPA and HSV Pneumonia, RI ACP; Michael Stephens, MD candidate Brown University.
- 2021 Career mentorship for PCCSM; Evan Asher, MD: fellowship in PCCSM University of Florida.

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- 2021 Career mentorship for PCCSM; Amy Matthews, MD: fellowship in PCCSM U Colorado.
- 2021 Career mentorship for internal medicine; Roger Winters, MD candidate 2022: IM residency TBD.
- 2021 Career mentorship for medicine; Scitoons for PICS-Family; Anasemi Owate-Chujo, Brown Undergraduate
- 2021 Career mentorship for medicine; healthcare disparities, fellow vs faculty clinic; Camilla Regalia, Brown Undergraduate
- 2021 Career mentorship; MICU admissions after initial decline from ED (project in process); Dylon Gookin, internal medicine resident
- 2022 Career mentorship; Stuart Weymouth, Bryant PA student: fellowship in Critical care TBD
- 2022 Career mentorship; Katherine Cox; post doctorate fellow: Post match survey