

01/04/2022 10:00 #574 P.002/015

**CURRICULUM VITAE**  
**UNIVERSITY OF ALABAMA AT BIRMINGHAM**  
**School of Medicine Faculty**

[REDACTED]

**PERSONAL INFORMATION**

Name: Joseph Blaine Barney, MD, MSPH, FCCP, FACP

[REDACTED]

**RANK/TITLE**

Professor of Medicine

Department/Division: Medicine/Pulmonary, Allergy & Critical Care Medicine

Business Address: 1530 3<sup>rd</sup> Ave So, THH-422, Birmingham, AL 35294

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Office Fax: (205) 934-3743

Email: [drbarney@uab.edu](mailto:drbarney@uab.edu)

**HOSPITAL & OTHER (NON-ACADEMIC) APPOINTMENTS**

**Hospital Privileges**

2000 – present University of Alabama Hospital, Birmingham, AL  
2000 – present Birmingham Veterans Affairs Medical Center, Birmingham, AL  
2004 – 2014 Cooper Green-Mercy Hospital, Birmingham, AL  
2008 – present UAB Highlands Hospital, Birmingham, AL

**Other Appointments to Committees**

2002 – 2003 Staff Physician, Critical Care Transport, UAH  
2004 – present Staff Physician, Pulmonary & Critical Care, Cooper Green-Mercy Hosp  
2006 – present Director, UAB Multidisciplinary Sarcoidosis Clinic  
2006 – 2012 Director, UAB ICU Clinical Research Consortium  
2007 - present Staff Physician, Pulmonary & Critical Care Division, BVAMC  
2007 – present Member, Pharmacy and Therapeutics Committee, UAH  
2007 - present Member, Medical Emergency Team, Dept of Resuscitation, UAH  
2008 – 2012 Medical Director, Medical Intensive Care Unit, UAB Highlands Hospital  
2009 - present Member, Clinical Practice Committee, Highlands Hospital  
2009 – 2016 Associate Medical Director, Medical Intensive Care Unit, UAH  
2019-present Medical Director, Respiratory Therapy Program, Jefferson State  
Community College  
2009-2013 Medical Director, Medical Emergency Team, Dept of Resuscitation, UAH  
2007 – present Attending Physician, Tinsley Harrison Program, UAB  
2010-present Director, UAB Lymphangiomyomatosis and cystic lung disease clinic  
2008-2012 ACCP Governor, Alabama Chapter  
2014-present Director, UAB Pulmonary ACCESS clinic

**PROFESSIONAL CONSULTANTSHIPS:** None**EDUCATION**

<b>Year</b>	<b>Degree</b>	<b>Institution</b>
1992 – 1996	BA (Biology) <i>Summa cum Laude</i>	LaGrange College, LaGrange, GA
1992 – 1996	BA (Biochemistry) <i>Summa cum Laude</i>	LaGrange College, LaGrange, GA
1996 – 2000	MD ( <i>Alpha Omega Alpha</i> )	Mercer University School of Medicine
2010 - 2014	MSPH	UAB School of Public Health

**MILITARY SERVICE:** None**LICENSURE**

State of Alabama, License # 24228  
 DEA Certificate # BB7639377

**BOARD CERTIFICATION(S)**

2013 Diplomate, American Board of Internal Medicine  
 2016 Diplomate, American Board of Internal Medicine, Pulmonary Disease  
 2007 Diplomate, American Board of Internal Medicine, Critical Care Medicine

**POSTGRADUATE EDUCATION**

2000 - 2001	Internal Medicine Internship	University of Alabama at Birmingham
2001 - 2003	Internal Medicine Residency	University of Alabama at Birmingham
2003 - 2006	Pulmonary & Critical Care Fellowship	University of Alabama at Birmingham
2005 - 2006	Clinical Research Training Program	University of Alabama at Birmingham
2007 - 2008	Lung Transplantation Fellowship	University of Alabama at Birmingham

**ACADEMIC APPOINTMENTS**

<b>Year</b>	<b>Rank/Title</b>	<b>Institution</b>
2020-present	Professor	University of Alabama at Birmingham
2012 - present	Associate Professor of Medicine Division of Pulmonary, Allergy & Critical Care Medicine	University of Alabama at Birmingham
2007 - 2012	Assistant Professor of Medicine Division of Pulmonary, Allergy & Critical Care Medicine	University of Alabama at Birmingham
2006 - 2007	Instructor in Medicine Division of Pulmonary, Allergy & Critical Care Medicine	University of Alabama at Birmingham

**AWARDS/HONORS**

1992-1993	Alabama Presidential Scholarship
1994-1995	President; Phi Eta Omega Honor Society
1996-2000	Clark Holder Clinic Medical Education Scholarship
1996-2000	Hatton Lovejoy Graduate Studies Scholarship
1994-2000	Ty Cobb Scholarship

1996 Omicron Delta Kappa (LaGrange College)  
 1996 LaGrange College Chemistry Award  
 1999 Election to Alpha Omega Alpha  
 2001 Advanced Trauma Life Support Certification, UAH  
 2007 Dept of Medicine Excellence in Teaching Award  
 2007 Fellow, American College of Chest Physicians  
 UAB Delegate, American College of Chest Physicians  
 2007 Leadership Development Program  
 2008 Argus Award for Excellence in Teaching, UASOM  
 2009 Outstanding Division Teacher Award, Pulmonary, Allergy  
 and Critical Care Medicine, UAB  
 2012 Castle and Connolly Top Doctor Designation, Pulmonary Disease  
 2013 C Glenn Cobbs, Edwin Rutsky Award for Clinical Excellence  
 UAB Department of Medicine  
 2014 UAB Pulmonary Division Unsung Hero Award  
 2016 C Glenn Cobbs, Edwin Rutsky Award for Clinical Excellence  
 2016 LaGrange College Shackelford Alumni Achievement Award  
 2017 US News and World Report Best Doctors Award  
 2018 Best Doctors of America Pulmonary Medicine  
 2019 University of Alabama at Birmingham University Honors  
 Program Outstanding Teacher Award  
 2019-2020 Best Doctors in America  
 2020 Jack Fulmer Teaching Award, Pulmonary and Critical Care Division

## **PROFESSIONAL SOCIETIES**

### **Memberships:**

Alpha Omega Alpha, 1999  
 American Academy for the Advancement of Science  
 American College of Physicians, Fellow, #01083925  
 American College of Chest Physicians, Fellow  
 American Heart Association  
 American Medical Association  
 Academy of Specialty Professors  
 American Thoracic Society  
 National Postdoctoral Association  
 Society of Critical Care Medicine, #57539  
 Southern Medical Association  
 University of Alabama Medical Alumni Association  
 Society for Simulation in Healthcare  
 World Association of Sarcoidosis and Other Granulomatous Diseases

### **Councils and Committees:**

2007-2009 Academy of Specialty Professors Member Services Committee  
 2009 American College of Physicians, UAB Fellowship  
 2009-2011 UAB Faculty Senate, alternative senator

## **EDITORIAL BOARD MEMBERSHIPS**

2009 – present *The CHEST Physician*

**Ad Hoc Reviewer:**

2006 - present *Journal of General Internal Medicine*  
2006 - present *Southern Medical Journal*  
2007 - present *Annals of Internal Medicine*  
2007 - present *The CHEST Physician*  
2008 - present *Respiratory Medicine*

**Major Research Interests**

2003-2006 Hepatopulmonary Syndrome  
2003-2006 Portopulmonary Hypertension  
2003-present Interstitial Lung Disease  
2003-present Sarcoidosis  
2003-present Critical Care Research  
2007-present Lung Transplantation

**TEACHING EXPERIENCE:****Mentoring Programs:**

2006-Present Research Mentor  
Jefferson County International Baccalaureate High School  
Student apprenticeship training program

2006-Present Physician Mentor  
University of Alabama School of Medicine  
Career Mentoring Program

**School of Medicine:**

2003-2014 Preceptor  
Introduction to Clinical Medicine Program, MS-1  
University of Alabama School of Medicine

2007-present Preceptor  
Patient Doctor and Society Module  
University of Alabama at Birmingham School of Medicine

2008-present Clinical Preceptor  
Summer Health Enrichment Program  
University of Alabama at Birmingham

2008-2011 Core Clinical Faculty  
Internal Medicine Residency Program  
Department of Medicine  
University of Alabama at Birmingham

2019-present University of Alabama at Birmingham School of Medicine  
Clinical Skills Scholars Program

**University of Alabama at Birmingham Honors Program:**

Fall 2012 "Death be not proud, Death and Dying in the American Health Care System"

- Spring 2015 "God and The White Coat, The influence of religion on medicine and health care providers in the 20-21<sup>st</sup> Century"
- Spring 2018 "Anthropology and Modern Medicine; the common law marriage of human culture and biology of health and illness"
- Spring 2019 "Through the looking glass: Medical photojournalism in the hands of new artists"
- Spring 2020 "God and The White Coat, The influence of religion on medicine and health care providers in the 20-21<sup>st</sup> Century"
- Spring 2021 "Anthropology and Modern Medicine; the common law marriage of human culture And biology of health and illness"
- Spring 2022 Ethno-history and Chronic Disease in America

### **COMMUNITY SERVICE**

- 2003-2012 Volunteer Staff Physician  
M-Power Indigent Clinic  
Birmingham, Alabama
- 2005-2006 Administrative Board Member  
Trinity United Methodist Church

### **OTHER CONTRACTED PHYSICIAN ACTIVITIES**

- 2002-2003 Contract Physician  
Bone Marrow Transplant Unit  
Division Hematology & Oncology  
University of Alabama at Birmingham
- 2002-2006 Contract Physician  
Heart & Lung Transplant Unit  
Division of Cardiovascular Services  
University of Alabama at Birmingham
- 2003-2004 Contract Physician  
Hospital Care Associates  
Saint Vincent's Hospital  
Birmingham, Alabama
- 2003-2007 Contract Physician  
Emergency Department  
Department of Veterans Affairs Hospital  
Birmingham, Alabama

### **GRANT SUPPORT**

**Current**

University of Cincinnati/ Barney (PI) 2013 – present  
 Gilead Pharmaceuticals  
 Registry of Sarcoidosis Associated Pulmonary Hypertension(ReSAPH)  
 Funding: \$58,000  
 Role: PI

ATYR Pharmaceuticals Barney (PI) 2019 – present  
 A Randomized, Double-Blind, Placebo-Controlled Multiple Ascending Dose Study of  
 Intravenous ATYR1923 in Patients with Pulmonary Sarcoidosis  
 Funding: \$73,857  
 Role: PI

Mallinckrodt Pharmaceuticals Barney (PI) 2019 – present  
 Phase 4 Multicenter, Randomized, Double Blind, Placebo Controlled Pilot Study to Assess the  
 Efficacy and Safety of H.P. Acthar® Gel in Subjects with Pulmonary Sarcoidosis.  
 Funding: \$90,000  
 Role: PI

PRIME® Education, LLC Luckhardt (PI) 2019 – present  
 Exploring Benchmarks for Clinical Care Models in Idiopathic Pulmonary Fibrosis (IPF)  
 Funding: \$60,000  
 Role: Co-Investigator

**Past**

*Intermune Inspire Trial* 2004 – 2007  
 A randomized double blind placebo controlled phase III study of safety and efficacy of interferon  
 gamma lb in patients with idiopathic pulmonary fibrosis.  
 Funding: No financial support  
 Role: Sub-investigator

*Tulane University Investigator Initiated Trial (PI-Joseph Laskey, MD)* 2005 – 2006  
 A phase II randomized double blind placebo controlled study of the safety and clinical effects of  
 Gleevec administered orally to patients with idiopathic pulmonary fibrosis.  
 Funding: No financial support  
 Role: Sub-investigator

*NIH, T-32 Fellowship Training Grant* 2005 – 2007  
 University of Alabama at Birmingham  
 Vascular Biology and Hypertension Program  
 Funding: \$90,000  
 Role: Trainee

*Cotherix ACTIVE Study* 2005 – 2009  
 A randomized double blind placebo controlled phase II study  
 to evaluate the safety and pilot efficacy of Iloprost inhalational solution in adults with abnormal  
 pulmonary artery pressure and exercise limitation associated with idiopathic pulmonary fibrosis.  
 Funding: No financial support

Role: Co-investigator

Nektar Therapeutics Barney (PI) 2005 – 2009  
06-IN-AK004

An open label, Multicenter, Multinational Study to Assess the Safety, Tolerability, and Pharmacokinetics of Aerosolized Amikacin in Intubated and Mechanically Ventilated Patients with Nosocomial Pneumonia impairment

Funding: \$36,412

Role: PI

Actelion Pharmaceuticals BUILD 1 trial 2005 – 2010

A randomized double blind placebo controlled multicenter study to assess efficacy, safety, and tolerability of Bosentan in patients with idiopathic pulmonary fibrosis.

Funding: No financial support

Role: Sub-investigator

Intermune Pharmaceuticals CAPACITY Trial 2006 – 2010

A randomized double blind placebo controlled phase III study of safety and efficacy of pirfenidone in patients with idiopathic pulmonary fibrosis.

Funding: No financial support

Role: Co-investigator

NYCOMED Valid Study Barney (PI) 2007 – 2009

Venticute® (rSP-C Surfactant) in Patients with Pneumonia or Aspiration of Gastric Contents Leading to Intubation, Mechanical Ventilation, and Severe Oxygenation I

Funding: \$73,440

Role: PI

Eisai Inc. Barney (PI) 2007 – 2011

A Controlled Comparison of Eritoran Tetrasodium and Placebo in Patients with Severe Sepsis (E5564-G000-301)

Sponsor: Eisai, Inc.

Funding: \$122,896

Role: PI

Astra Zeneca Barney (PI) 2008 – 2009

A Placebo-Controlled, Double-Blind, Dose-Escalation Study to Assess the Safety, Tolerability and Pharmacokinetics and Pharmacodynamics of Single and Multiple Intravenous Infusions of CytoFab™ (AZD9773) in Patients with Severe Sepsis (D0620C00004)

Sponsor: AstraZeneca Pharmaceuticals, LP

Funding: \$135,216

Role: PI

Artisan Pharma, Inc ART-123 Barney (PI) 2008 – 2010

A randomized, Double-blind, placebo-controlled, phase-2B study to assess the safety and efficacy effects of ART-123 on subjects with sepsis and disseminated intravascular coagulation.

Funding: \$40,000

Role: PI

Johnson & Johnson Barney (PI) 2008 – 2010

Pharmaceutical Research & Development (CEFTONOS1001)

**Open-Label, Parallel-Group, Multiple-Dose Study of Ceftobiprole to Evaluate the Plasma Pharmacokinetics in Adults Hospitalized in Intensive and Intermediate Care Units**  
Funding: \$29,393  
Role: PI

Johnson & Johnson  
Pharmaceutical Research & Development (CEFTONOS1002) Barney (PI) 2008 – 2010

**Open-Label, Exploratory, Multiple-Dose Study of Ceftobiprole to Evaluate the Pharmacokinetics and Broncho Alveolar Penetration in Adults with Ventilator-Associated Pneumonia**  
Funding: \$37,521  
Role: PI

Sponsor: Pfizer, Inc.  
A5951001 Barney (PI) 2008 – 2010  
**Linezolid In the Treatment of Subjects with Nosocomial Pneumonia Proven to Be Due To Methicillin-Resistant Staphylococcus Aureus**  
Funding: \$113,860  
Role: PI

Eli Lilly and Company  
F1K-MC-EVDP Barney (PI) 2008 – 2011  
**Efficacy and Safety of Drotrecogin Alfa (Activated) in Adult Patients with Septic Shock**  
Funding: \$57,202  
Role: PI

Bristol-Myers Squibb  
Pharmaceutical Research Institute Barney (PI) 2008 – 2011  
CV185-036  
**A Phase 3 Randomized, Double-Blind, Parallel-Group, Multi-Center Study of the Safety and Efficacy of Apixaban for Prophylaxis of Venous Thromboembolism in Acutely Ill Medical Subjects During and Following Hospitalization**  
Funding: \$39,694  
Role: PI

Centocor Research  
& Development, Inc. Barney (PI) 2009 – 2013  
1275148SCD2001  
**Phase 2, Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study Evaluating the Safety and Efficacy of Treatment with Ustekinumab or Golimumab in Subjects with Chronic Sarcoidosis**  
Funding: \$737,701  
Role: PI

A Oxford Outcomes;  
OXO2497 Barney (PI) 2010 – 2011  
**Qualitative Investigation into the Impact of Severe Sepsis on Health Related Quality of Life of Patients and/or Their Caregivers**  
Funding: \$12,450  
Role: PI



Agennix Incorporated Barney (PI) 2010 – 2012  
OASIS: A Phase 2/3 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Talactoferrin Alfa in Patients with Severe Sepsis (LF-0802)  
Funding: \$83,282  
Role: PI

Agennix Incorporated (see above) 2010 – 2012  
A Pharmacokinetic, Pharmacodynamic and Echocardiographic Sub-Study of Talactoferrin Alfa in Patients with Severe Sepsis Who are Participating in Protocol LF-0802 (LF-0802A)  
Role: PI

GlaxoSmithKline Barney (PI) 2010 –2013  
NAI114373  
A Phase III International, Randomized, Double-Blind, Double-Dummy Study to Evaluate the Efficacy and Safety of 300 mg or 600 mg of Intravenous Zanamivir Twice Daily compared to 75 mg of Oral Oseltamivir Twice Daily in the Treatment of Hospitalized Adults and Adolescents with Influenza  
Funding: \$126,137  
Role: PI

Spectral Diagnostics, Inc. Barney (PI) 2010 – 2015  
SDI-PMX-NA001  
Evaluating the Use of Polymyxin B Hemoperfusion in a Randomized Controlled Trial of Adults Treated for Endotoxemia and Septic Shock  
Funding: \$32,288  
Role: PI

Celgene Cellular Therapy Barney (PI) 2011 – 2014  
"A Phase 1B, Multi-Center, Open-Label, Dose-Escalation Study to Evaluate the Safety of Intravenous Infusion of Human Placenta-Derived Cells (PDA001) for the Treatment of Adults with Stage II or III Pulmonary Sarcoidosis"  
Funding: \$111,981  
Role: PI

Furiex Pharmaceuticals, Inc. Barney (PI) 2011 – 2015  
32729463CAP2001  
A Randomized, Controlled, Double-Blind, Multicenter, Phase 2 Study of the Safety/Tolerability and Efficacy of JNJ-32729463 Compared with Moxifloxacin for the Treatment of Subjects Requiring Hospitalization for Community-Acquired Bacterial Pneumonia (CABP) with a PORT Score of II or Greater  
Funding: \$61,922  
Role: PI

## BIBLIOGRAPHY

### Manuscripts published:

1. Willett L, **Barney J**, Saylor G, Dransfield M. "An Unusual Case of Chronic Cough; Foreign Body Aspiration." *J Gen Int Med* 2006; 21: C1-C3.
2. **Barney, J** . "Some pulmonary sarcoidosis resolves without treatment." Editorial comment. *Chest Physician* 2007;2(6): Page 6.
3. Willie K, Gaggar A, Hajari A, Leon K, **Barney J**, et al., Bronchillitis Obliterans Syndrome and Survival Following Lung Transplantation for Patients with Sarcoidosis. *Sarcoidosis Vasc Diffuse Lung Dis. Sarcoidosis Vasc Diffuse Lung Dis.* 2008 Dec;25(2):117-24.
4. Judson MA, Baughman RP, Costabel U, Drent M, Gibson KF, Raghu G, Shigemitsu H, **Barney JB**, Culver DA, Hamzeh NY, Wijsenbeek MS, Albera C, Huizar I, Agarwal P, Brodmerkel C, Watt R, Barnathan ES. Safety And Efficacy Of Treatment With Ustekinumab Or Golimumab In Patients With Chronic Sarcoidosis *Eur Respir J.* 2014 Nov;44(5):1296-307. Epub 2014 Jul 17.
5. Nevin CR, Cherrington A, Roy B, Daly DD, Rodriguez JM, Patel M, Snyder ED, Gaffo AL, **Barney J**, Willig JH. A qualitative assessment of resident perceptions of graduate medical education following implementation of the 2011 ACGME duty hour standards. *BMC Med Educ.* 2014 Apr 22;14:84. doi: 10.1186/1472-6920-14-84.
6. Wille KM<sup>1</sup>, Sharma NS, Kulkarni T, Lammi MR, **Barney JB**, Bellot SC, Cantor RS, Naffel DC, Diaz-Guzman E, McGiffin DC Characteristics of Patients with Pulmonary Venooclusive Disease Awaiting Transplantation. *Ann Am Thorac Soc.* 2014 Nov;11(9):1411-1418.
7. Gallop KH, Kerr CE, Nixon A, Verdian L, **Barney JB**, Beale RJ. A Qualitative Investigation of Patients' and Caregivers' Experiences of Severe Sepsis. *Crit Care Med.* 2014 Sep 23
8. **Barney, J.** Sarcoidosis Patient Education Portfolio. Lung Health and Diseases. American Lung Association/ACCP website. 2015
9. **Barney, J.** Capsule Commentary on Griffith et al., Overuse and Misuse of Inhaled Corticosteroids Among Veterans with COPD: a Cross-Sectional Study Evaluating Targets for De-implementation. *J Gen Intern Med.* 2020 Jan 2.
10. Massey M, **Barney J**. Pulmonary Actinomycosis and Marijuana Vaping. *BMJ Case Rep* 2021(Apr 1;14(4)).
11. Schwalbach K, Yong S, Wade R, and **Barney J**. Impact of intraosseous versus intravenous resuscitation during in-hospital cardiac arrest. A retrospective study. *Resuscitation.* 2021 Jul 14:S0300-9572(21)00253-7.

## POSTER PRESENTATIONS

### National and International Meetings

1. **Barney J, Fallon M, et al.** "Estrogen Dysregulation and the Hepatopulmonary Syndrome" Poster Presentation Comprehensive Cancer Center Research Trainee Conference. October 24, 2005.
2. **Barney J, Fallon M, et al.** "Estrogen Modulation of Pulmonary Vascular Tone". Poster Presentation Vascular Biology and Hypertension Conference. October 8, 2005.
3. **Barney J, Fallon M, Lou B.** "Estrogen Dysregulation in Experimental Hepatopulmonary Syndrome" Poster Presentation University of Alabama at Birmingham 22<sup>nd</sup> Annual Trainee Research Symposium. March 1, 2006.
4. **Case C, Loebi D, Barney J, Wille K.** "Strongyloidiasis Complicating Immunosuppressive Therapy for ANCA-Associated Vasculitis" CHEST Conference Poster Presentation 2007.
5. **Perry P, Barney J, Dismukes W.** "Multi-Organ Dysfunction in a Returning Traveler due to Leptospirosis" CHEST Conference Poster Presentation 2009.
6. **Barney J<sup>1</sup>, Baughman RP<sup>2</sup>, O'Hare L<sup>1</sup>, Lower EE<sup>2</sup>** "Clinical Experience with Acthar gel in refractory Sarcoidosis" WASOG International October 2014, Istanbul Turkey.
7. **Acosta P, Barney J,** "Vitamin D Ratios in patients with sarcoidosis and other interstitial lung diseases" ASOG North American Conference September 2015, Denver, Colorado.
8. **Blackburn B, Barney J,** "Relative risk of pulmonary arterial hypertension in patients with idiopathic pulmonary fibrosis exposed to immunosuppressive therapies" CHEST 2015, Montreal, Canada.
9. **Robison SW, Barney J.** "When the smoke clears: Constrictive Bronchiolitis from Gulf War Exposures" American Thoracic Society May 21, 2018. San Diego, CA.
10. **Davis J, Stuart S, Barney J, Bardita C.** "A rapidly progressive symmetrical upper extremity rash in a critically ill hemodialysis patient. SGIM Southeastern Conference. SGIM 2018, New Orleans, LA.
11. **Stuart S, Davis J, Barney J, Bardita C.** "If it looks, Sounds, and acts like an infection, It must be a PTE?" SGIM Southeastern Conference. New Orleans, LA, SGIM 2018.
12. **Bardita C, Sonovane S, Barney J,** "Radiologic characteristics in patients with psoriasis undergoing interstitial lung disease evaluation" American College of Chest Physicians San Antonio Texas October 2018.

13. O'Hare L, Acosta P, **Barney J.** "Biomarker relationships to fatigue in patients with chronic sarcoidosis" American Thoracic Society. San Diego, CA May 2018.
14. Blumhof S, **Barney J.** "Hypogammaglobulinemia in Sarcoidosis patients" American Association of Sarcoidosis and Granulomatous Disease National Conference. Iowa City, IA April 11, 2019.
15. Schwalbach K, **Barney J.** "Impact of intraosseous resuscitation on return of spontaneous circulation during in-hospital cardiac arrest" *CHEST World Congress 2019* in Bangkok, Thailand April 12, 2019
16. Vijaykumar K, **Barney J.** "LACTATE TO PYRUVATE RATIOS AS A MARKER OF SKELETAL MUSCLE DYSFUNCTION AND HYPOXIA IN INTERSTITIAL LUNG DISEASES. American College of Chest Physicians National Conference New Orleans, LA October 2019.
17. Schwalbach K, **Barney J.** "Impact of Obesity on Anoxic Brain Injury After in hospital cardiac arrest" Society of Critical Care Medicine Orlando FL Feb 16, 2020.
18. Pereira G, **Barney J.** "Serum Estradiol Concentrations in male subjects with cirrhosis and critical illness." American Thoracic Society Conference. Dallas, TX May 2019.
19. Schwalbach K, **Barney J.** "Long Term Minimally Progressive Interstitial Fibrosis in a Dental Technician." American Thoracic Society Conference. Dallas TX May 2019
20. Song K, **Barney J.** "Recurrent fever and skin rash in a patient with persistent lymphadenopathy. The occult variations of malignancy". Society of General Internal Medicine Southern Regional Meeting. New Orleans. LA. Feb 2020.
21. Sasser J, **Barney J.** "Asymptomatic lung atelectasis diagnosed after minor trauma: Hidden diseases that require vigilant investigation." Society of General Internal Medicine Southern Regional Meeting. New Orleans. LA. Feb 2020.
22. Pate J, **Barney J.** "Persistent dyspnea and exertional hypoxemia in a patient with clear chest imaging" Society of General Internal Medicine Southern Regional Meeting. New Orleans. LA. Feb 2020.
23. Massey M, **Barney J.** "Subacute pneumonia and marijuana vaping in a previously healthy patient." Society of General Internal Medicine Southern Regional Meeting. New Orleans. LA. Feb 2020.
24. Roddy E, **Barney J.** "Complex metabolic acidosis in a dialysis patient with septic shock and hypoglycemia." Society of General Internal Medicine Southern Regional Meeting. New Orleans. LA. Feb 2020.

### Oral Presentations

Scientific papers presented at national and international meetings

1. **Barney, J.** "Immunosuppressive Therapy in Sarcoidosis; The Good, the Bad, and the Granulomas." WASOG North American Conference, Patient Section, Cleveland Clinic, October 2012.
2. **Barney, J.** "Diagnosis and Management of Pneumothorax and Chylothorax", Lymphangiomyomatosis Foundation, National Lamposium, Patient Section, University of Cincinnati, April 2013.

3. **Barney, J.** "Diagnostic Imaging of Sarcoidosis." ATS Clinical Symposia, Denver, Colorado, May 2015.
4. **Barney J.** "Sarcoidosis Update" American College of Chest Physicians. Toronto, Canada October 29, 2017
5. **Barney J.** "Therapeutic Management of Sarcoidosis" American College of Chest Physicians Chest Learning Theater. October 1,2017 Glenview Illinois.
6. **Barney J.** 'Surviving with Sarcoidosis in the age of Social Distancing" American Thoracic Society Webinar 4/15/2020.

Invited lectures at local and regional courses and meetings

1. **Barney, J.** "Hepatopulmonary syndrome-Physiology and Mechanisms of Disease." Medical University of South Carolina, Division of Pulmonary, Allergy, and Critical Care Grand Rounds, October 2006.
2. **Barney, J.** "Hemodynamic Monitoring During Sepsis." UAB Critical Care Nursing Megaconference, 2008-2010.
3. **Barney, J.** "Cutaneous and Rheumatologic Manifestations of Sarcoidosis." University of Alabama at Birmingham, Rheumatology Fellows Conference, October 2009.
4. **Barney, J.** "Pulmonary Fibrosis, management and new directions in research." Southern Society of Respiratory Therapists Annual Conference, 2010.
5. **Barney, J.** "Current Concepts in Diagnosis and management of Sarcoidosis." University of Alabama at Birmingham, Pulmonary Grand Rounds, August 2011.
6. **Barney, J.** "Physiology and Management of Respiratory failure for the Internist." University of Alabama at Birmingham, Medicine Residency Conference, October 2011.
7. **Barney, J.** "Acute Coronary Syndromes and Sepsis." University of Alabama at Birmingham, Cardiology Grand Rounds, January 2012.
8. **Barney, J.** "Dyspnea for the Internist." UAB Department of Medicine, House Staff Conference, September 2012.
9. **Barney, J.** "Update on Sarcoidosis",General Medicine Grand Rounds, University of Alabama Montgomery Internal Medicine Program, Montgomery, Alabama , September 2013.
10. **Barney, J.** "Diagnosis and management of Idiopathic Pulmonary Fibrosis" University of Mississippi Internal Medicine Grand Rounds. Corinth MS. April 17, 2018. France Foundation Speakers Grant.
11. **Barney J.** "Sarcoidosis Disease Update" Foundation for Sarcoidosis Research Birmingham Regional Patient Conference. January 26<sup>th</sup>, 2019. Birmingham, AL.