


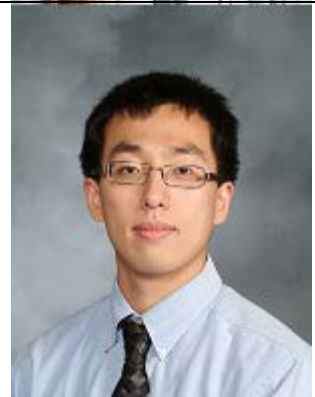


## Recent Grads (2016-2019)

	<p><b>Kerri I. Aronson, M.D.</b> <b>BS:</b> Syracuse University <b>MD:</b> SUNY Upstate Medical University <b>Residency:</b> NewYork-Presbyterian Hospital/Weill Cornell Medical Center</p> <p><a href="#">Research Profile and Publications</a></p>
	<p><b>David R. Price, M.D.</b> <b>BS:</b> Rice University <b>MD:</b> Drexel University College of Medicine <b>Residency:</b> UC Davis Medical Center</p> <p><a href="#">Research Profile and Publications</a></p>
	<p><b>Andrea Shioleno, M.D.</b> <b>BS:</b> University of Notre Dame <b>MD:</b> Penn State College of Medicine <b>Residency:</b> Baylor College of Medicine</p> <p><a href="#">Research Profile and Publications</a></p>
	<p><b>William Zhang, M.D.</b> <b>BS:</b> Johns Hopkins University <b>MD:</b> New York University School of Medicine <b>Residency:</b> NewYork-Presbyterian Hospital/Weill Cornell Medical Center</p> <p><a href="#">Research Profile and Publications</a></p>



## **Kerri I. Aronson, M.D.**

### **Research Interests**

My research is focused on patient-centered outcomes in Interstitial Lung Disease. My research interest focuses on understanding patient experiences with these illnesses, the incorporation of patients' values and preferences into care plans, elevating patient centered outcomes as high tier endpoints in clinical trials, and the development and validation of disease specific patient reported outcome measurement tools. I am currently working with patients with Chronic Hypersensitivity Pneumonitis to better understand determinants of quality of life in this population of patients and design quality of life measures for use in clinical practice and clinical trials. I am also working to address the challenges related to antigen identification in Hypersensitivity Pneumonitis.

**Mentors:** Monika Safford, M.D., Robert Kaner, M.D., Fernando Martinez, M.D.

### **Publications, Talks, and Awards**

#### **PUBLICATIONS**

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1. **Aronson KI**; Rajwani K. The Acute Respiratory Distress Syndrome: A Clinical Review. Journal of Emergency and Critical Care Medicine. September 2017
2. Ma KC, Chung A, **Aronson KI**, Krishnan JK, Barjaktarevic IZ, Berlin DA, Schenck EJ. Bronchoscopic intubation is an effective airway strategy in critically ill patients. J Crit Care. 2017; 38:92-96
3. **Aronson KI**, Zappetti D. Pulmonary Trends: Are We Assessing Patients' Experiences of Breathlessness Accurately During Spontaneous Breathing Trials? Clinical Pulmonary Medicine. May 2016. Vol 23, Issue 3.

#### **ABSTRACTS**

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1. **Aronson KI**, Hayward B, Robbins L, Kaner RJ, Martinez FJ, Safford M. Development of a Patient Centered Thematic Framework for Experiences Living with Chronic Hypersensitivity Pneumonitis; A Qualitative Study". Presented at American Thoracic Society Meeting, Dallas TX, May 2019
2. **Aronson KI**, Ely S, Sanders A. Rare Diagnosis of Myelomatous Pleural Effusions in Kappa Light Chain Multiple Myeloma. A Case Report and Review of the Literature. Poster Presented at NYS Thoracic Society Conference 2017
3. Torres LK, **Aronson KI**, Turetz M, and Zappetti D. Paradoxical adalimumab-induced sarcoidosis. Poster Presented at American Thoracic Society International Conference, Washington DC, 2017

## ORAL PRESENTATIONS

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1. "A Patient-Centered Approach to Understanding Chronic Hypersensitivity Pneumonitis" Presented at Briscoe-King Lung Club. New York, NY. November 28 2018
2. "Living with Chronic Hypersensitivity Pneumonitis. What can we learn from our patients, and how can we optimize their quality of life?" Presented at Weill Cornell Division of Basic and Translational Research Conference June 25, 2018
3. "Looking past the heartache". Invited Case Presentation at the Great Cases Conference. American Thoracic Society Conference. May 19, 2018. San Diego California.

## HONORS/AWARDS

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1. 2019- WCMC Department of **Medicine Fund for the Future Award**



## David R. Price, M.D.

### Research Interests

My research at Cornell is focused on critically ill patients in the intensive care unit. My area of interest is translational, patient-centered studies that improve the management and outcomes of these patients. Specifically, I am isolating neutrophils from the blood of critically ill patient to better understand the neutrophil contribution to alternative inflammatory pathways. I am working in the lab of Dr. Augustine Choi while also obtaining my Master's Degree in Clinical & Translational Investigation from the Weill Cornell Medical College

Clinical & Translational Science Center.

**Mentors:** Augustine MK Choi, M.D., Joseph Scandura, M.D., Ph.D., Suzanne Cloonan, Ph.D.

### Publications, Talks, and Awards

#### PUBLICATIONS

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1. Ma KC, Jones DS, **Price DR**, Turetz ML. Novel discoveries and advances in management of acute respiratory distress syndrome. *American Journal of Respiratory and Critical Care Medicine*. 2017, 195:9.

#### ABSTRACTS

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1. **Price, DR**, Oromendia C, Schenck EJ, Siempos II, Choi AM. Acute Respiratory Distress Syndrome in Neutropenic Patients: A Retrospective Analysis of Randomized Controlled Clinical Trials. 2018 ATS International Conference. ATS 2018.
2. Ma KC, **Price DR**, Nicholson T, Finkelzstein E, Pabon MA, Nakahira K, Siempos II, Choi AM, Schenck EJ. Plasma TRAIL Levels Correlate With Organ Injury and Predict Organ Failure During Critical Illness. *2017 ATS International Conference*. ATS 2017
3. **Price DR**, Sanders AS, Ma KC, Turetz ML. A Young Healthy Male with Rash and Progressive Respiratory Failure. *New York State Thoracic Society Annual Assembly 2017*. NYSTS 2017.

## ORAL PRESENTATIONS

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1. The Do's and Don'ts of Direct Oral Anticoagulants. *Department of Medicine Grand Rounds*. Hospital of the University of Pennsylvania. Jan 2016. Philadelphia, PA.

## HONORS/AWARDS

- 2018      **Chief Fellow**, Division of Pulmonary and critical Care Medicine, New York Presbyterian/ Weill Cornell Medicine
- 2018      **Participant**, American Thoracic Society Fellows Track Symposium (FTS) at the ATS International Conference in San Diego, CA.
- 2017      **1st Place, Best Research Abstract**, New York State Thoracic Society Annual Assembly
- 2017      **1st Place, Best Clinical Abstract**, New York State Thoracic Society Annual Assembly



## Andrea Shioleno, M.D.

### Research Interests

Pulmonary hypertension is a rapidly evolving field combining the worlds of pulmonology and cardiology. I am particularly interested in studying Group 3 Pulmonary Hypertension in patients with underlying interstitial lung disease. Although there have been pharmacologic advances in this field, there is still a great deal that is unknown about the molecular biology. MicroRNAs are an important group of non-coding RNAs that control gene transcription and ultimately affect disease development. MicroRNAs were originally studied in cancer research and more recently have been investigated in hypoxia mouse models to better understand the pathways involved in pulmonary hypertension. However, little work has been done in humans and specifically in those with Group 3 pulmonary hypertension. Teaming up with our ILD Clinic, Advanced Heart Failure colleagues, and Rockefeller University, I am investigating different MicroRNA patterns in ILD patients with the hopes of finding a serum biomarker and learning more about the pathogenesis of this disease. I have also taken a personal interest in resident education and development. With the help of my co-fellows' initiative to promote fellows at teachers, I have developed an intern ICU curriculum to promote a uniform, resident focused didactic on core ICU topics.

**Mentors:** Evelyn Horn M.D., Robert Kaner, M.D.

### Publications, Talks, and Awards

#### PUBLICATIONS

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1. **Shioleno A**, Zappetti D. A New Alternative to Cancer Associated Venous Thromboembolism? *Clinical Pulmonary Medicine*. May 2018. 25(3):116-117.
2. S Liu J, **Shioleno A**, Kaul B, Mehta N, Mejia R. Brucellosis Prostatitis: A Neglected Diagnosis for a Tropical Disease. *Current Tropical Medicine Reports* 2016. 3:181.

#### ABSTRACTS

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1. **Shioleno A**, Rajwani K. *Medical Intensive Care Unit Educational Curriculum for Interns*. ATS International Conference May 2019.
2. **Shioleno A**, Wu X. *Dyspnea and Dry Eyes in a Patient Receiving Pembrolizumab*. ATS International Conference May 2019.
3. **Shioleno A**, Kariyawasam S, Mailman J, Sanders A. *Deceptive Dieulafoy: Massive Hemoptysis Complicating a Chronic Histoplasmosis Mediastinal Granuloma*. New York State Thoracic Society Conference March 2019. 2<sup>nd</sup> place winner.
4. **Shioleno A**, Wu X. *Benign Metastasizing Leiomyoma Mimicking Lymphangitic Carcinomatosis*. ATS International Conference May 2018.
5. **Shioleno A**, Lief L. *Purpura Fulminans with Refractory Hyperkalemia*. ATS International Conference May 2018.
6. **Shioleno A**, Patel S. *Mycobacterium Tuberculosis Arthritis Masquerading as a Post-Traumatic Joint Effusion*. National ACP Conference April 2015.

## ORAL PRESENTATIONS

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1. *The Role of MicroRNA in Group 3 Pulmonary Hypertension*. Pulmonary Basic and Translational Research Conference. NYP/Weill Cornell Medical Center. May 2019. New York, NY.
2. *Hemoptysis Gone South*. Pulmonary Joint Case Conference. NYP/Weill Cornell Medical Center. April 2019. New York, NY.
3. *Dyspnea and Menometrorrhagia*. Pulmonary Joint Case Conference. NYP/Weill Cornell Medical Center. May 2018. New York, NY.
4. *Improving Physician-Nursing Communication at Michael E. DeBakey VA Hospital*. Baylor Resident Forum. Baylor College of Medicine. March 2015. Houston, TX.
5. *Some Wounds Never Heal*. Department of Medicine Clinical Pathologic Case Conference. Baylor College of Medicine. January 2015. Houston, TX.

## HONORS/AWARDS

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|------|--------------------------------------------------------------------------------------------------------------|
| 2019 | <b>2<sup>nd</sup> Place, Best Clinical Poster</b> , New York State Thoracic Society Conference               |
| 2015 | <b>Resident of the Month</b> , Baylor College of Medicine                                                    |
| 2010 | <b>Infectious Disease Society of America Student Research Grant</b> , Pennsylvania State College of Medicine |



## William Zhang, M.D.

### Research Interests

Chronic Obstructive Pulmonary Disease (COPD) is the 3<sup>rd</sup> leading cause of mortality worldwide, but despite this tremendous impact on human health, little is known about COPD pathogenesis (aside from smoking), and there are no validated biomarkers that track disease progression. Our research explores these questions using both a well-characterized, multicenter cohort as well as murine models of disease, truly bridging the translational gap between the bench and the bedside.

**Mentor:** Suzanne Cloonan, Ph.D., Augustine MK Choi, M.D., Fernando J. Martinez, M.D.

### Publications, Talks, and Awards

#### PUBLICATIONS

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1. **Zhang WZ**, Butler JJ, Cloonan SM. Smoking-induced Iron Dysregulation in the Lung. *Free Radic Biol Med.* 2018 Jul 31.
2. **Zhang WZ**, Gomi K, Mahjour SB, Martinez FJ, Shaykhiev R. Update in Chronic Obstructive Pulmonary Disease 2017. *Am J Respir Crit Care Med.* 2018 Jun 15; 197(12):1534-1539.
3. Price DR, **Zhang W**, Zappetti D. Azithromycin for Older, Atopic, Asthmatic Patients with Severe Uncontrolled Disease and a History of Tobacco Use. *Clinical Pulmonary Medicine.* 25 (1) (pp 30-31), 2018.
4. **Zhang WZ**, Zappetti D. Endobronchial Valve Placement: Too Much Risk for the Benefit? *Clinical Pulmonary Medicine.* 23 (3) (pp 148-149), 2016.
5. Pohl MA, **Zhang W**, Shah SN, Sanabria-Valentín EL, Perez-Perez GI, Blaser MJ. Genotypic and phenotypic variation of Lewis antigen expression in geographically diverse *Helicobacter pylori* isolates. *Helicobacter.* 2011 Dec;16(6):475- 81.

#### ABSTRACTS

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1. Extracellular Bronchoalveolar Lavage Fluid Ferritin and Risk for Exacerbation in COPD: An Analysis from the Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS). American Thoracic Society 2019 International Conference.
2. NCOA4 and Ferritin Turnover in Alveolar Macrophages: Implications for Chronic Obstructive Pulmonary Disease. 8<sup>th</sup> Congress of the International Biolron Society 2019.
3. Extracellular Ferritin as a Biomarker in Chronic Obstructive Pulmonary Disease. Weill Cornell Pulmonary Academic Day 2018.
4. Clot in Transit through Patent Foramen Ovale. NYS Thoracic Society Conference 2017.

#### ORAL PRESENTATIONS

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- 2018 "Bronchoalveolar Lavage Fluid Ferritin and Risk of COPD Exacerbations - Evidence for a Novel Endotype". SPIROMICS Steering Committee Meeting, Chapel Hill, North Carolina.



- 2018 “Abnormal Ferritin Turnover in Chronic Obstructive Pulmonary Disease”. 14<sup>th</sup> Annual National Jewish Health Respiratory Disease Young Investigator’s Forum, Washington D.C.
- 2018 “Local Iron Overload as a Novel Endotype in Chronic Obstructive Pulmonary Disease”. 3<sup>rd</sup> Annual Weill Department of Medicine Research Retreat, New York, New York.

#### **HONORS/AWARDS**

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- 2019 Stony Wold-Herbert Fund Fellowship
- 2018 CHEST Foundation Research Grant in Chronic Obstructive Pulmonary Disease
- 2018 Fourteenth Annual Respiratory Disease Young Investigators’ Forum