

## In Ignotis “Into the Unknown”

### Message from the Chair

Dear Colleagues, I am thrilled to begin this month's newsletter by sharing some remarkable achievements within our department. First and foremost, I am delighted to announce that our esteemed faculty member, Dr. Milton Brown, has been awarded a prestigious \$1.5 million Breakthrough Award from the Department of Defense. In addition to this outstanding recognition, Dr. Brown has been appointed by Governor Youngkin to the Virginia Department of Education's Science Education Advisory Board. Please join me in extending our heartfelt congratulations to Milt for these well-deserved honors!

Secondly, I am pleased to inform you that Dr. David Lieb has been elected as the Vice President of the MidAtlantic Society of Endocrinologists. His dedication and expertise continue to elevate our department's reputation, and we are immensely proud of his accomplishments.

Lastly, I extend a warm welcome to Mr. Scott Griffin, our new Chief Administrator for the Department of Medicine. Scott joins us with a wealth of experience and expertise. He will be taking on the responsibilities previously held by Ms. Lynn Morganti, who has contributed twelve years of exemplary service to our department. I am deeply grateful to Ms. Morganti for her dedication and leadership. She has graciously agreed to remain with the department until the end of this year, ensuring a smooth and seamless transition in leadership.

It is the collective dedication and achievements of our team that make our department shine. I look forward to witnessing more accomplishments and celebrating the successes of our colleagues in the months to come.

### Peer-reviewed Publications

- 1) Biederman S, Sadr N, **Qayyum R**. Improving Interdisciplinary Communication on an Academic Hospitalist Service: A Quality Improvement Project. *J Healthc Qual*. 2023 Oct 10. Epub ahead of print.
- 2) Gold MR, El-Chami MF, Burke MC, Upadhyay GA, Niebauer MJ, Prutkin JM, **Herre JM**, Kutalek S, Dinerman JL, Knight BP, Leigh J, Lucas L, Carter N, Brisben AJ, Aasbo JD, Weiss R; S-ICD System Post Approval Study Investigators. Postapproval Study of a Subcutaneous Implantable Cardioverter-Defibrillator System. *J Am Coll Cardiol*. 2023 Aug 1;82(5):383-397.
- 3) Jani AB, Ravizzini GC, Gartrell BA, Siegel BA, Twardowski P, Saltzstein D, **Fleming MT**, Chau A, Davis P, Chapin BF, Schuster DM. Diagnostic Performance and Safety of <sup>18</sup>F-rhPSMA-7.3 Positron Emission Tomography in Men With Suspected Prostate Cancer Recurrence: Results From a Phase 3, Prospective, Multi-center Study (SPOTLIGHT). Reply. *J Urol*. 2023 Sep;210(3):411-412.
- 4) Pearston AP, Ingemi AI, Shaeffer ZA, Cameron CM, Biagi KT, Gobble M, **Yehya A**, **Baran DA**. Conversion to tacrolimus alone compared to full immunosuppression following cardiac transplantation (TACTFUL). *Clin Transplant*. 2023 Sep 21:e15140.

### Presentations & Published Abstracts

**Eggert M** co-chaired a Plenary Session on 30 September 2023 at the Pulmonary Hypertension Professional Network (PHPN) Symposium, Arlington, Virginia. Foundations for a Successful Care Team.

**Shah M., Mohan, N.** poster presentation 1 October 2023 at the American Thyroid Association 2023, Washington D.C. Riding the Storm: A Case of Thyrotoxicosis Encephalopathy Secondary to Solitary Toxic Adenoma.

**Almirante JL, Cecchini A, Sill JM**. Spontaneous hemopneumothorax and bilateral spontaneous pneumothoraces after covid-19 infection. *CHEST*. 2023;164(4):A3703-4.

**Bahniwal R, Ayeman B, Sharma K, Kassabo W, Tahhan S**. A Stitch in Time Saves Nine: Right Ventricle Perforation Repair During Pacemaker Lead Extraction. *CHEST*. 2023;164(4):A2949-A2950.

**Bahniwal R, Harsha S, Altaf Z, Acharya V**. Fatal Pneumonia in a young male: A unique presentation of adult-onset still's disease (AOSD). *CHEST*. 2023;164(4):A4103.

**Bahniwal R, Moen S, Johnston M, Inayet N**. Granulomatous mimicry sarcoidosis masking Hodgkin lymphoma: A case report. *CHEST*. 2023;164(4):A4845.

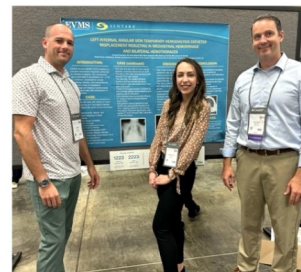
**Bahniwal R, Altaf Z, Mcauliffe JD, Bhasin M**. Levoatrial cardinal vein: A possible culprit of brain abscess in a middle-aged patient. *CHEST*. 2023;164(4):A714.

**Bahniwal R, Mcauliffe JD, Altaf Z, Mohan N, Bhasin M**. Peek-a-boo: Carcinoid metastasis to the interventricular septum: A rare finding. *CHEST*. 2023;164(4):A4103.

**Bahniwal R, Naseem M, Al-Allawi M, Tahhan S**. Steroids steered us the wrong way: Lethal Tumor Lysis Syndrome precipitated by a single dose of intravenous steroids. *CHEST*. 2023;164(4):A2856-A2857.

**Biancatelli RM, Solopov PA, Bavuso M, Miller N, Sill JM, Dobrian AN, Sharlow E, Lazo JS, D Catrivas JO**. KVX-053, A PTP4A3 Inhibitor, modulates the endocytic pathway, extracellular vesicle uptake, endothelial barrier dysfunction, and the development of ARDS in in vitro and in vivo. *CHEST*. 2023;164(4):A4565-6.

**Cecchini A, Darweesh, M, Sill JM**. Successful medical management of emphysematous gastritis. *CHEST*. 2023;164(4):A1893.



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## Researcher Spotlight—Xian Qiao, MD

### Please tell us about your research interests.

I'm interested in Post-COVID (PASC) pathophysiology & potential treatments, acute lung injury & sepsis in the ICU, and improving outcomes for patients & families. Specifically, I'm interested in characterizing dysautonomia in Post-COVID patients, evaluating the potential therapies for these patients and using large databases to review the medications & supplemental oxygen strategies used in determining outcomes, trends, and lessons for future diseases.

### As a busy practicing physician, how are you able to manage the demands of research? What strategies do you find to be most effective?

To be successful in research, it requires the commitment of an entire team. The PI can set goals & the direction of the research, but nothing will be accomplished with the support of a dedicated team. Fortunately, I have such a team here at EVMS/Sentara. I rely on the team to gather data, enroll patients, and meet deadlines. The best strategy is clear communication with the team from the beginning of the project & regularly scheduled meetings. Interest & momentum can wane, but regularly scheduled meetings can help to keep everyone engaged.

### What are some “hot topics” of research in your specialty?

It's difficult to isolate just a few in PCCM because these two specialties capture a multitude of diseases. Unless something like COVID-19 takes over the world & every specialty, it seems unfair to talk about just one or two of the subspecialty “hot topics.” The “hot topics” make the headlines & receive research funding, but this perpetuates the imbalance to other diseases that are actually more common & impactful—but not as well funded. Within pulmonary, there are hot topics in asthma, COPD, interstitial lung disease, pulmonary hypertension, lung cancer, cystic fibrosis, etc. In critical care, acute respiratory disease syndrome, mechanical ventilator strategies, sepsis, to name a few. In the ICU, classifying the different phenotypes of acute respiratory distress syndrome, sepsis, and other high mortality diseases to evaluate different treatment options within the same diagnosis would be important. In Pulmonary disease, evaluating serum biomarkers for early detection of lung cancer is equally important.



*“Research means that you don't know, but are willing to find out.”*

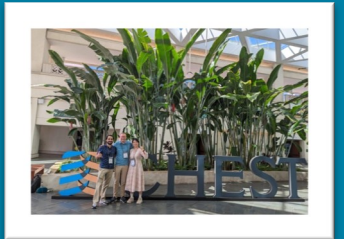
- Charles F. Kettering

## Published Abstracts Continued...

- Cecchini A, Bishop J, Haddaden M, Khreis M, Sill JM.** Left internal jugular vein temporary hemodialysis catheter misplacement resulting in mediastinal hemorrhage and bilateral hemothoraces. CHEST. 2023;164(4):A1986-7.
- Cecchini A, Othman A, Haddaden M, Sill JM.** A surprising cause of middle mediastinal mass: Reoccurrence of papillary thyroid carcinoma 37 years after treatment. CHEST. 2023;164(4):A3459-60.
- Cecchini A, Bishop J, Zusin D, Aron A, Sill JM.** Cardiac tamponade: A rare presentation of profound hypothyroidism. CHEST. 2023;164(4):A188.
- Khreis M, Khreis K, Cecchini A, Soliman M.** Mediastinal Granuloma. CHEST. 2023 Oct 1;164(4):A3434-5.
- Mcauliffe JD, Bahniwal R, Kohan L, Lavigne.** SCA in ACS: An unexpected anatomic challenge. CHEST. 2023;164(4):A489-A490.
- Mcauliffe J, Ahmed R, Pierce F, Dusa LN, Alimard R, et al.** Conquering the giant: Successful surgical resection of a massive coronary artery aneurysm with intraluminal thrombus. CHEST. 2023; 164(4): A222-3.
- Mcauliffe JD, Bahniwal R, Gambill ML, Summers MR.** Fistula to failure: An unexpected source of biventricular cardiomyopathy. CHEST. 2023;164(4):A470-A471.
- Mcauliffe JD, Altaf Z, Tasneem Z, Muskrat S, Ahmad Q, Badiye A.** Shock stemming from “Shock!?”: A case of multifaceted cardiogenic shock. CHEST. 2023;164(4):A562-A563.
- Mears C, **Pierce D, McCoy K, Bernens M.** A case of spontaneous esophageal perforation presenting as a right-sided pleural effusion. CHEST. 2023;164(4):A785.
- Moen S, Johnston M, Eggert MS, Summers MR.** Pulmonary hypertension of the carcinoid heart: Fleeting affair or enduring relationship? CHEST. 2023; 164(4):A6143-A6144.
- Salem A, Dossett C, Soliman M, **Khreis M, Salem AA, Mathew M.** Silent nocardia wallacei diagnosed by imaging in a heart transplant recipient. CHEST. 2023;164(4):A1068-9.
- Sill JM, Barthomae M, Karpov MV, Scholling J, Toepp A, Roess A, Renshaw K, Levy BL, Jain P, Dodani S.** Occupational and environmental factors affecting COVID-19-related anxiety and depressions: a longitudinal analysis of the COVIDSMART study. CHEST. 2023;164(4):A3796-7.
- Qayyum R** received the EVMS Service & Recognition Faculty Award for Mentoring.

### Reminders:

- Grand Rounds, Wednesdays at noon in Waitzer Hall, Suite #300
- Call for abstracts, ATS 2024 (San Diego, CA) due 11/1/23
- Call for abstracts, Society of Hospital Medicine Converge (San Diego, CA) due 11/28/23
- Call for abstracts, Digestive Disease Week 2024, (Washington D.C.) due 11/30/23
- Call for abstracts is open, American Diabetes Association (Orlando, FL)
- Call for abstracts is open, Southern Gerontological Society (Greenville, SC)



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