

Message

Scholarship



#IMResearchEVMS

Dear Colleagues,

Welcome to Volume 2, Issue 4 of our Research Newsletter! On March 9, Dr. Fang led a workshop on Secondary Datasets 101, and on March 23, Dr. Liza Botros led a journal club on “Prediction Model Development & Validation.” Looking ahead, mark your calendars on April 20 for our next journal club session on “Pre-Post Intervention Studies” and June 2 for the 42nd Annual IM Resident Scholarship Day!

PEER-REVIEWED PUBLICATIONS:

EVMS Faculty, Fellows, Residents

1. Ahmad Q, Green A, Chandel A, King C, Puri N. Prolonged Noninvasive Respiratory Support Before Intubation Leads to Increased Duration of ECMO: More Evidence That Less Is More [online ahead of print, 2023 Mar 7]. *ASAIO J.* 2023;10.1097/MAT.0000000000001903.
2. Lopacinski A, Kim C, Khreis M. A Case of Fatal Invasive Trichosporonosis in the Setting of Immunosuppression and Post-COVID-19 Pneumonia. *Cureus.* 2023;15(2):e35079. Published 2023

Community Faculty

1. Levitan O, Ma L, Giovannelli D, Burluson D, McCaffrey P, Vala A, Johnson D. “The gut microbiome – does stool represent right?” *HELIYON* (2023),
2. Brush JE Jr. Sex Disparities in Chest Pain Patients: Observations and Opportunities. *J Am Coll Cardiol.* 2023;81(10):946-948.

ABSTRACTS, PRESENTATIONS, & AWARDS:

The American Thoracic Society Conference in D.C.

- Mari A, Sill J. “An enigmatic empyema in a patient with Sars-COV-2”
- Cechini A, Inayet N, Sill J. “Treatment with hydroxycobalamin for post-arrest vasoplegi shock”
- Cechini A, Sill J. “An uncommon cause of immunosuppression: fatal pneumocystic jiuoveci pneumonia in a patient with cushings syndrome”
- Abouleish Y, Sill J. “A case of asthma masquerading as hypersensitivity pneumonitis.”

The Society for Post-Acute and Long-Term Medicine Conference in Tampa

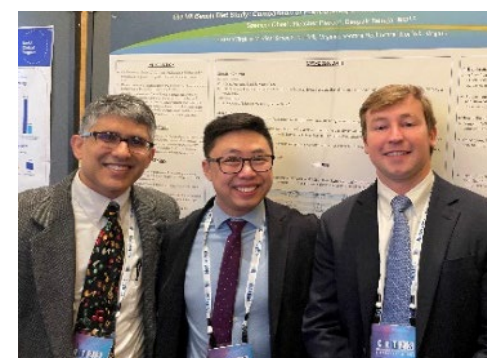
- Sharma K, El Moudden I, Galicia-Castillo M. “Impact of heart failure education on knowledge and comfort of healthcare at skilled nursing facility”
- Stamos H, Minson N, Sharma K, Patel H. “Decisional Capacity for Sexual Consent in Patients with Dementia”

The International Head and Neck Cancer Conference in Montreal.

- Sun S, Lieb D. “Establishment of Interdisciplinary Hands-on Didactics for Thyroid and Lateral Neck Ultrasound and Fine Needle Aspiration”

The 2023 Cardiovascular Research Technology Conference in D.C.

- Pierce F, Chee S, Talreja D. “Echo-Guided Percutaneous Mitral Valvuloplasty as Bridging Therapy in a High-Risk Pregnancy.”
- Pierce F, Chee S, Talreja D. “Transcatheter Valve in Valve Pulmonic and Tricuspi Replacement for Complex Congenital Disease in a High-Risk Surgical Patient.”
- Chee S, Pierce F, Talreja D. “The VA Beach Diet: Comparison of Plant Based, Mediterranean, Paleolithic, and Dash Diets.”
- Chee S, Pierce F, Summers M. “Complex Distal Coronary Artery Perforation Treated Successfully with Coil and Autologous Fat Embolization”
- Chee S, Pierce F, Summers M. “Cardiogenic Shock secondary to bioprosthetic valve degeneration.”
- Bahniwal R, Mahoney P. “The Use of BA-BASILICA Technique for Prevention of Coronary Artery Obstruction in Valve-in-Valve TAVR.”



The Society of Hospital Medicine Conference in Austin, TX

- 20+ IM faculty, residents, students, and staff attended the SHM conference from March 26 – 29 to showcase their research posters, clinical vignettes, give oral plenary presentations, and more!



Congratulations to our scholarship winners who received funds from The SHM Hampton Roads Chapter:
Research: First place - Chloe Carr (MS4), Second place – Madeeha Deo (PGY3)
Clinical Vignettes: First place – Alynna Knaub (PGY1), Second Place - Sarah Al Allawi (PGY2), Third Place - Yuliia Varava (PGY2), Fourth Place – Ayeman Basith (PGY2), Banshi Patel (PGY3), FNU Ayesha (PGY2)

Dr. Johnson gave a lecture “Esophageal Disease and Beyond” in Chennai, Mumbai, and Delhi as part of ACG India Live, a collaboration between the ACG and the Indian Society of Gastroenterology. He also provided recent Medscape commentary, [“In Barrett Esophagus Surveillance, Slower is Better”](#).

RESEARCH WORKSHOPS & JOURNAL CLUBS:



April 20, 2023 – “Pre-Post Intervention Studies” led by Liza Botros, MD, PhD (Community Faculty) **and Nargiza Kurbanova** (MS2)

John A, Kurbanova N, Ulbing A, Qayyum R. Measuring the Effectiveness of Choosing Wisely Campaign on Laboratory Testing for Hospitalized Patients. *Jt Comm J Qual Patient Saf.* 2022;48(10):529-533. [doi:10.1016/j.jcjq.2022.06.011](https://doi.org/10.1016/j.jcjq.2022.06.011)

Previously, we covered cost-benefit analysis, retrospective cohort design, and more! All welcome – no research experience necessary. Copies of the article are provided.

GRAND ROUNDS: In-person attendees receive lunch. Registration not required. Grand rounds are approved for 1.0 *AMA PRA Category 1 Credit*. Noon – 1PM in Waitzer Hall, Suite 300).

April 5 – “The Lupus Anticoagulant Misnomer” – Dr. Seth Berney (EVMS)

April 12 – “Challenges in Medical Education” – Dr. Ronald Flenner (EVMS)

April 19 – “IBD Therapies: Past, Present, and Future” – Dr. Edward Oldfield (EVMS)

May 3 – “Pulmonary Hypertension” – Dr. Deborah J. Levine (UT Health San Antonio)

CALL FOR JUDGES! Internal Medicine Resident Scholarly Activity Day

The 42nd Annual Scholarly Activity Day will be held **Friday, June 2, 2023 in Waitzer Hall, Room 100 at 12:30PM**. Three faculty members preside as judges of senior resident research and QI scholarly presentations. Please email Deborah Lucas at LucasDM@evms.edu if you would like to serve as a judge.

STEVE D’SOUZA, MD

Please tell us about yourself: I came to EVMS as a medical student in 2014, and completed my residency here in internal medicine. This year, I serve as one of the two chief residents before starting my fellowship in gastroenterology at Case Western MetroHealth this summer.

Describe the studies you are currently involved in: I am currently working to investigate the role of esophageal microbiome plays in the pathogenesis of gastroesophageal reflux disease (GERD). GERD can lead to tissue metaplasia and esophageal cancer, but many patients with longstanding GERD never develop metaplasia. We suspect that the composition of bacteria in esophageal lumen is a key reason, and are investigating mechanisms by which we can change this pathway through new therapeutics.

Do you have any research mentors? If so, what have they taught you? My first research mentor was Dr. Dianne Pawluk, the PI of a haptics lab at VCU, where I worked on developing accessible devices for individuals who are blind and visually impaired. She taught me the foundations of every step of dry lab research, from coming up with a research question to presenting data to the scientific community. This bend experience was invaluable to work with my next mentors here at EVMS, Drs. Chris Stout, David Dexter, and Jean Panneton in the Vascular Surgery division, where I was able to gain an appreciation for, and apply those skills towards clinical research in peripheral arterial disease. Finally, in medical school, I was fortunate to meet Dr. David Johnson, who has become my career mentor and sponsor in gastroenterology. Under his guidance, I have worked on numerous translational research projects, systematic reviews, book chapters, and grant applications. Through this work, I was able to identify my subject-matter area of interest – esophageal disease.

What skills do you hope to develop as a researcher moving forward? One area that particularly interests me is the creation of meta-analyses and writing society guidelines. Most major medical societies use the GRADE framework for assessing quality and certainty of evidence. I was fortunate to attend the GRADE Working Group conference this past winter to learn more about this process.

What is your favorite hobby, a recent book you’ve read, or TV show you’ve watched...and tell us what you enjoy about it! My favorite hobby is reading biographies. I recently read the biography of Marie Curie written by her daughter, Eve Curie. She was such a remarkable individual, and the biographer notes by her daughter at the end personalized her outside of her astounding scientific career.

Announcements

Hofheimer Hall, 5th floor
Large Conference Room

In-person or virtual
option available

Researcher Spotlight



Please send research updates to [Cindy Avila AvilaCJ@evms.edu](mailto:Cindy.Avila@evms.edu) for consideration in our upcoming newsletters