

IN IGNOTIS *“Into the unknown”*

EVMS Internal Medicine Research Newsletter

Message

“Going into the unknown is how you expand what is known”

- Julien Smith, Author

Dear Colleagues,

Welcome to Volume 1, Issue 5 of our Department of Internal Medicine Research Newsletter! Our goal is to document and distribute information about ongoing research activities within the Dept.

On July 14th, Dr. Gakhokidze/Dr. Qayyum led Journal Club on “Retrospective Cohort Study Design.” They reviewed ‘cohorts’, well-defined control groups at study design level, propensity score matching, confounders, and the missing data problem.



On July 22, the annual Summer Scholars Symposium was held in Waitzer Hall, which included medical student IM research. The Internal Medicine Research Advisory Committee (IMRAC) met on July 27.

On July 28, Dr. Sharma/Dr. Botros led Journal Club on “Propsective Cohort Study Design.” Looking ahead, we are preparing for EVMS Research Day (Friday, Oct. 14, 2022)!

Scholarship

Follow us on Twitter and LinkedIn at #IMResearchEVMS

PUBLICATIONS & PRESENTATIONS:



Valasquez M., Walters L., Okhravi H., Niknejhad B., Cohen D., Elzie C. “Use of Virtual Reality to Improve Understanding, Emphathy, and Self-Efficacy in Caregivers of Dementia Patients” [Poster Presentation]

Carrie Elzie, PhD and Hamid Okhravi, MD mentored Alexis Walters and Mark Valasquez. Both students engaged caregivers at the Glennan Center Memory Consultation Clinic. Caregivers participated in simulations, surveys, and structured interviews.

Knapp BJ, Stoner J, Lang J, Johnson R, **Fleener R**, Gathambo M. An emergency medicine based model for community-engaged learning. *J Am Coll Emerg Physicians Open*. 2022 Jun 20;3(3):e12752. [Publication]

Ritter E, **Qayyum R**. Restoring "bedside" in the bedside procedures. *J Hosp Med*. 2022 Jul 19. doi: 10.1002/jhm.12916. Epub ahead of print. PMID: 35855518. [Publication]

McCartney CR, Corrigan MD, Drake MT, El-Hajj Fuleihan G, Korytkowski MT, Lash RW, **Lieb DC**, McCall AL, Muniyappa R, Piggott T, Santesso N, Schünemann HJ, Wiercioch W, McDonnell ME, Murad MH. Enhancing the Trustworthiness of the Endocrine Society's Clinical Practice Guidelines. *J Clin Endocrinol Metab*. 2022 Jul 14;107(8):2129-2138. [Publication]

Hosseiny M, Sung KH, Felker E, Suvannareg V, Tuptawee T, Shafa A, **Arora KR**, Ching J, Gulati A, Azadikhah A, Zhong X, Sayre J, Lu D, Raman SS. Read-out Segmented Echo Planar Imaging with Two-Dimensional Navigator Correction (RESOLVE): An Alternative Sequence to Improve Image Quality on Diffusion-Weighted Imaging of Prostate. *Br J Radiol*. 2022 Aug 1;95(1136):20211165. [Publication]

Gajera A, South C, Cronley K, Ziebert J, Wrigth C, Levitan O, Burleson D, **Johnson D**. “High-volume colonic lavage is a safe and preferred colonoscopy preparation for patients with inflammatory bowel disease” *Crohn's & Colitis 360*, July 2, 2022; <https://doi.org/10.1093/crocol/otac024> [Publication]

AWARDS/GRANTS:

Brooke Hooper, MD - 2022 Building Trust and Equity in Internal Medicine grant recipient through the American Board of Internal Medicine, American College of Physicians, and Josiah Macy Jr. Foundation.

“[EVMS] will expand its Vaccine Hesitancy project to (1) assess perceptions of vaccines...medical misinformation...(2) educate medical students and residents about vaccine hresitancy...(3) provide standardized patient simulations...and (4) [engage] in community outreach teams in local clinics.”



Please send research updates to Cindy Avila AvilaCJ@evms.edu for consideration in our upcoming newsletters

Upcoming Events

RESEARCH WORKSHOP & JOURNAL CLUB:

August 11 (5-6PM) *Workshop* “Idea to Question: Developing a Research Question” Led by Dr. Qayyum
August 25 (5-6PM) *Workshop* “Choosing the right study design” Led by Dr. Botros

HADSII Spring 2022 Research Bootcamp RECORDINGS:

Research Methods, Designs, Epidemiology, Library Services; Data Cleaning, Data Analysis, Designing your own study; REDCap Training; IRB and HADSII Service Overview

Office of Research July Funding! (copy and paste link into browser)

<https://docs.google.com/spreadsheets/d/11EmzwX5EVi2QddxN9TrPw2ngF6ed9ItQ/edit#gid=2125201093>

2022 Resident/Student Abstract Competition!

DEADLINE: 11:59 PM ET, Monday, Aug. 17, 2022



EVMS Research establishes process for Sentara EPIC clinical data access.

All data requests from students, residents, fellows, and faculty must follow these guidelines.



Workshop/Poster Abstract for AAIM now open! (Friday, August 26 deadline)

Conference held April 2-5, 2022 in Austin, TX.

The 2023/2024 Commonwealth Health Research Board (CHRB) Grant Guidelines are now posted!

This year **twelve** concept papers are allowed per institution. EVMS Sponsored Programs will use first come, first serve process for selecting the twelve proposals. Email OSP@evms.edu by August 12, 2022 with your intent to submit a concept paper! Include: (1) prospective title of your proposal, (2) name of co-investigator(s)/collaborators, and (3) brief description how your project meets CHRB strategic objectives.

Research Study Spotlight



MA: Physician Ratio (MAP) Study:

EVMS Medical Students collect over 215 patient-satisfaction survey's in the Hof. Hall, 4th floor Primary Care Clinic for **Dr. Jennifer Ryal's** “Models for Clinic Staffing and Patient Satisfaction (MAP) Study.”

We are actively recruiting Providers to complete a one page (5 Q's) electronic survey after clinic!

Researcher Spotlight



Catherine Derber, MD:

Tell us a little about yourself:

I was a medical student at EVMS, and I returned as an infectious diseases faculty member in 2010. Prior to pursuing a career in infectious diseases, I worked as a general medicine physician for the United States Air Force. My passions include medical education, medical student and physician well-being, and the care of patients living with HIV. I live in Virginia Beach with my husband, 2 teenagers, and 2 dogs.

You recently mentored a Summer Scholar on the project “Impact of Telemedicine on Care of Patients Living in the Hampton Roads Area”. Please describe why this topic is important to you:

During the COVID pandemic, physicians have increasingly used telemedicine to provide medical care for patients. The impact of telemedicine on healthcare outcomes of patients living with HIV, as well as access to telemedicine, is not clear. We are hoping the results of this study will help identify the needs of patients living with HIV in our community.

How have your research interests evolved during your career?

My initial research endeavors were case reports or QI projects. However, after gaining more experience, I have started participating in prospective and retrospective studies that directly impact the local community. Over the past decade, my interests have expanded to incorporate medical education, either through mentoring learners on research studies or choosing projects that might impact their clinical experiences or well-being.

Did you have any research mentors? If so, how have they influenced you?

I try to learn something from every research team I've collaborated with. One of the most important things I've learned is the significance of reaching out to other individuals, including other departments or institutions, who may have similar interests but a range of diverse ideas and experiences.