

INTERNAL MEDICINE NEWS

Fall 2022

Vol. 4, No. 2

WELCOME TO OUR NEW RESIDENTS!



On July 1, 2022, the UND Internal Medicine Department welcomed eight new Internal Medicine Residency Program residents and eight new Transitional Year residents. Welcome to the team!

Internal Medicine Residents



Derek Anderson
Des Moines
University College of
Osteopathic Medicine



Mitchell Keena
Idaho College of
Osteopathic Medicine



Anil Sriramoju
Osmania
Medical College



Samuel Condon
American University
of Antigua College
of Medicine



Arman Quraishi
University of
Minnesota
Medical School



Dre Steinwehr
University of
North Dakota School
of Medicine &
Health Sciences



Shabbir Haiderbhai
Ross University
School of Medicine



Guneet Sidhu
Dayanand
Medical College

Transitional Year Residents



Bret Andersen
University of
Minnesota
Medical School



**Joyce Jimenez
Zambrano**
Universidad Catolica
de Santiago de
Guayaquil



Jeremy Jones
Liberty University
College of
Osteopathic Medicine

WELCOME TO OUR NEW RESIDENTS!

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Brian Mikolajczyk
University of
Minnesota
Medical School



Andrew Pritchard
Midwestern University
Arizona College of
Osteopathic Medicine



Mark Wiche
Edward Via College
of Osteopathic
Medicine-Virginia
Campus



Sean Montgomery
University of North
Dakota School
of Medicine &
Health Sciences



**Austin
Promersberger**
University of North
Dakota School
of Medicine &
Health Sciences

2022 INTERNAL MEDICINE RESEARCH SYMPOSIUM



The 2022 Internal Medicine Research Symposium was held on May 10, 2022, at the Sanford Medical Center Fargo Boardroom. The Internal Medicine and Transitional Year residents presented their research through oral and poster presentations. We saw seven posters in the research category, eight posters in the clinical vignette category, and five oral presentations.

A special thank you to our moderator Dr. Emmanuel Fohle and our judges: Dr. Tze Shien Lo, Dr. Kim Hammer, Dr. Siddharth Singhal, Dr. Brad Smith, Dr. Avish Nagpal, and Dr. Riley Clark.

The award winners were:

Oral Presentations

1st Place: Anastasia Schroeder, PGY1 TY – Assessment of Hospital Readmissions in Decompensated Cirrhosis: Are We Doing Enough?
Dr. John Bassett

2nd Place: Rhianna Rubner, PGY1 TY – Safety and Efficacy of Implantable Testosterone Pellets in Transgender Patient Population
Dr. William Newman and Dr. David Newman

3rd Place: Hallie Thompson, PGY1 IM and Anya de Leeuw, PGY1 IM – Interact and Impact: Structured Nursing Rounding Tool to Improve Patient Centered Care in Inpatient Oncology
Megan Hills, RN; Nicole Plante, RN;
and Devendranath Mannuru, MD

Research Posters

1st Place: Eugene Aleksandrovich, PGY3 IM – Individualized Audit and Feedback Improves Colonoscopy Quality Indicators
Dr. John Bassett

2nd Place: James Broadbent, PGY1 TY – Hand-off Bootcamp: Development and Implementation of Patient Hand-off among Medical Students
Dr. Devendranath Mannuru, Dr. Dubert Guerrero,
Dr. Neville Alberto, Dr. Kristopher Holaday

3rd Place: Chris Wiger, PGY1 TY – QI investigation of Vertebroplasty Documentation at Sanford Health, Fargo
Dr. Dubert Guerrero and Dr. Dileep Kumar

Clinical Vignette Posters

1st Place: Swetha Saladi, PGY2 IM – Cardiac Bronchus: A Rare Cause of Hemoptysis
Dr. Vinita Vaidya and Dr. Venkatkiran Kanchustambham

2nd Place: James Fowler, PGY1 IM – Resistant Hypertension: Evaluating for the usual and the not so usual causes

3rd Place: Nikitha Sathish Kumar, PGY1 IM – Case of an atypical presentation of ethylene glycol ingestion with vision changes treated with two competitive inhibitors and hemodialysis.
Dr. Mahmoud Mahmoud

Congratulations to all winners and thanks to all who participated!

WELCOME TO THE NEW HEMATOLOGY AND ONCOLOGY FELLOWS!

The first class of UND Hematology and Oncology fellows started on July 1. Program Director, Dr. Matthew Tinguely, and Program Coordinator, Andrew Ludwig, are excited to welcome the fellows!



Haritha Mopuru

Medical School: Narayana Medical School
Residency: St. Vincent Medical Center
(Bridgeport, CT)

Julia Parrish

Medical School: University of Washington
School of Medicine
Residency: Baylor College of Medicine
(Houston, TX)



Sanford Health and the UND School of Medicine & Health Sciences have officially launched their Sanford-based Hematology-Oncology Fellowship Program. Dr. Tinguely states the goal of the fellowship program is to close the gap in rural health care. There is evidence for under-diagnosis of some cancers in rural counties. Part of the solution, he said, is not only to recruit and retain more oncologists to rural regions, but to train medical oncology and hematology physicians locally for practice in a rural setting. The new fellowship is the first accredited program for hematology and oncology in North Dakota, South Dakota, Wyoming, Montana, and Idaho.

FRANK LOW RESEARCH DAY

The 42nd Annual Frank Low Research Day was held virtually on Thursday, April 21, 2022. The Department of Internal Medicine residents and faculty members were part of 42 overall presentations. Authors affiliated with the department included Dr. Abe Sahnoun, Dr. Dubert Guerrero, Dr. William Newman, Dr. Kimberly Hammer, Dr. Rekha Kallamadi, Dr. Abhishek Matta, Dr. Dinesh Bande, Dr. Christian Dequet, Dr. Nayan Desai, Dr. Neville Alberto, Dr. Phanindra Antharam, Dr. Ismail Bekdash, Dr. Puneet Sharma, Dr. Thomas Haldis, Dr. Stephanie Melquist, Dr. John Bassett, Dr. Mahmoud Mahmoud, Dr. Devendranath Mannuru, and Dr. Kristopher Holaday.

Internal Medicine and Transitional Year resident participants included Dr. Ciciley Littlewolf, Dr. Regan Helbling, Dr. Eugene Aleksandrovich, Dr. Niktha Sathis Kumar, Dr. Jame Broadbent, Dr. Praneeth Thadi, Dr. Andrew Sefain, and Dr. Mathew Gerving.

Internal Medicine affiliated winners were:

Best Poster winners in the Medical Student category:

1. **Marcus Osman** – Marcus Osman, Christy Jesme, Zachary McMiller, **Abhishek Matta**, **Rajesh Kunadharaju**, **Erika M. Johnson**, **Danielle Matta**, **Rehka Kallamadi**, and **Dinesh Bande**, “Clinical Presentation and Outcomes of Myocarditis Post mRNA Vaccination: A Meta-Analysis and Systematic Review.”
2. **Chase Gauthier** and **Luke Teigen** – Chase Gauthier, MS3 and Luke Teigen, MS3, James R. Beal, Ph.D. and **Abe E. Sahnoun, Ph.D.**, “Association Between Wait-Time for TAVR Procedure and Post-Operative FEV1%.”

Honorable Mention

1. **KC A. Braaten** and **Wyatt L. Limke** – KC A. Braaten, Wyatt L. Limke, James R. Beal, Ph.D., **Abe E. Sahnoun, Ph.D.**, “Association between Bullying and Sexual Assault and Risky Sexual Behavior in Adolescents.”

Great job to the participants and winners at this year’s research day!

CALL FOR POSTER JUDGE VOLUNTEERS

The Department of Internal Medicine offers volunteer opportunities to judge several poster competitions, including at the:

- American College of Physicians (ACP) North Dakota Chapter annual meeting poster competition in October.
- Society of Hospital Medicine North Dakota Chapter meeting poster competition in October.
- Internal Medicine Research Symposium held annually in May.

If you are interested in volunteering as a judge for any of these competitions, please sign-up online: UND.qualtrics.com/jfe/form/SV_77LRxAWSHLVgKai. You will be contacted prior to the event.



FACULTY PUBLICATIONS

Congratulations to the following IM faculty, residents, and students who have recently published articles:

Chandra DL, Hove H, Miller TK, Pinks K, Njau G, Hagan JJ, Jansen R. Epidemiology of Hepatitis C virus infection among incarcerated populations in North Dakota. *PLoS One*. 17(3). doi 10.1371/journal.pone.0266047. PMID 35349606.

Elzanaty AM, Maraey A, Elbadawi A, Khalil M, Hashim A, Vyas R, Moustafa A, Ramanathan PK, Mentia A, Abbott JD, Aronow HD, Kapadia S. Early versus late discharge after transcatheter aortic valve replacement and readmissions for permanent pacemaker implantation Catheter. *Cardiovasc. Interventions*. 100 (2), 245-253. doi 10.1002/ccd.30299. PMID 35758231.

Weisel CL, Dyke CM, Klug MG, Haldis TA, Basson MD. Day-to-day blood pressure variability predicts poor outcomes following percutaneous coronary intervention: A retrospective study. *World J. Cardiol*. 14:5, 307-318. doi 10.4330/wjc.v14.i5.307. PMID 35702324.

Nichols L, Guerrero D, Mannuru D, Basson MD, Sahmoun AE, Bande D. Integrated secure messaging to enhance medical education: a mixed methods study. *BMC Med Educ*. 22:01, 580. doi 10.1186/s12909-022-03637-8. PMID 35902846.

Roth F, Leedahl ND, Leedahl DD, Guerrero DM. Clinical and Financial Impact of Rapid Antimicrobial Susceptibility Testing in Blood Cultures Antibiotics. 11:02, 122. doi 10.3390/antibiotics11020122. PMID 35203725.

Matta A, Matta D, Bande D. A meta-analysis of myocarditis post-mRNA vaccine administration. *Crit. Care Med*. 50:1, 170. doi 10.1097/01.ccm.0000807792.52397.94.

Rasuleva K, Elamurugan S, Bauer A, Khan M, Wen Q, Li Z, Steen P, Guo A, Xia W, Mathew S, Jansen R, Sun D. β -Sheet Richness of the Circulating Tumor-Derived Extracellular Vesicles for Noninvasive Pancreatic Cancer Screening. *ACS Sens*. 6:12, 4489-4498. doi 10.1021/acssensors.1c02022. PMID 34846848.

Maraey A, Hashim A, Esharnoby H, Khalil M, Elzanaty A. Morbid obesity in hospitalized young adults: Insights from a national database. *Obes Res Clin Pract*. 16(2), 177-179. doi 10.1016/j.orcp.2022.03.004. PMID 35397992.

Maqsood MH, Khalil M, Maraey A, Elzanaty A, Louka B, Elbadawi A, Ong K, Megaly M, Garcia S. Temporal Trends and Outcomes of Same-Day Discharge After Left Atrial Appendage Occlusion: Insight from National Readmission Database. *Am J Cardiol*. 173, 149-151. doi 10.1016/j.amjcard.2022.03.049. PMID 35431051.

Khalil M, Maraey A, Aglan A, Akintoye E, Salem M, Elzanaty A, Younes A, Saeyeldin A, Barbhaiaya C, Shokr M. Impact of chronic kidney disease on in-hospital mortality and clinical outcomes of catheter ablation of ventricular tachycardia: Insights from the national readmission database. *J Interv Card Electrophysiol*. doi 10.1007/s10840-022-01187-z. PMID 35314904.

Younes AM, Salem M, Maraey A, Nomigolzar S, Sewell K, Khalil M, Elzanaty A, Saeyeldin A, Dar M. Safety outcomes of SGLT2i in the heart failure trials: A systematic review and Meta-analysis. *Int J Cardiol*. S0167-5273(22)01012-9. doi 10.1016/j.ijcard.2022.06.059. PMID 35777490.

Khalil M, Hashim A, Maraey A, Saeyeldin A, Elzanaty A, Biskupski P, Ong K, Barbhaiaya C, Shokr M. Outcomes of conventional pacemaker implantation in patients with dementia: insights from the National Readmission Database *J Interv Card Electrophysiol*. doi 10.1007/s10840-022-01265-2. PMID 35672620.

Waechter J, Allen J, Lee CH, Zwaan L. Development and Pilot Testing of a Data-Rich Clinical Reasoning Training and Assessment Tool. *Acad Med*. doi 10.1097/ACM.0000000000004758. PMID 35612911.

Staskywicz Z, Burchill K, Sahr S, Sahmoun AE, Sang T. Changing patterns in Midwestern farm trauma: A retrospective comparative analysis. *Am Surg*. 2022; 88(8): 1792-97.

* If you have recently published scholarship, received grant funding, or presented at a conference, please email the details (year/journal/pages/funding organization) to Danielle at danielle.cellucci@UND.edu.



SCHOLARLY ACTIVITIES

If you are interested in working with a medical student to present a case at a research event or simply contribute an interesting potential case of yours for a student to write up, please indicate your interest on this form.

If you are interested in becoming involved in research or have research ideas but do not know where to start, please contact Danielle Cellucci at danielle.cellucci@UND.edu. If you have published research or presented a poster or oral presentation, please inform Danielle.



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SAVE THE DATE!

October 7, 2022 – North Dakota Chapters of American College of Physicians and Society of Hospital Medicine are joining the North Dakota Medical Association for their annual meeting at Delta Marriot in Fargo, N.D.

- ACP will host the resident poster competition and Doctor's Dilemma medical trivia on October 5, 2022, at the Sanford Medical Center Fargo Boardroom.
- ACP/SHM will host the virtual poster competition for medical students and residents on October 6, 2022, via Zoom.

March 26-29, 2023 – SHM Converge 2023 in Austin, TX

April 2-5, 2023 – AAIM Academic Internal Medicine Week 2023 in Austin, TX

April 27-29, 2023 – ACP Annual Meeting 2023 in San Diego, CA

May 10-13, 2023 – SGIM Annual Meeting in Aurora, CO

RECENT NEWS

- Dr. Erik Heitkamp is the Phase 3 Acting Internship/Elective Director in the UND School of Medicine & Health Sciences Department of Internal Medicine.
- Dr. Issa Al Rabadi is the hospitalist core faculty for the Internal Medicine Clerkship in Bismarck, N.D.

