

INTERNAL MEDICINE NEWS

Summer 2022

Vol. 4, No. 1

RESIDENCY EBB AND FLOW



In my first two years as program director for the SMHS Internal Medicine Residency Program, I have learned there is a unique ebb and flow to the residency calendar.

Summertime is full of activity, excitement, and jitters as everyone adjusts to new roles and systems. Fall is a period of settling as interns and residents find their stride and feel more comfortable and competent as physicians, rising to meet academic and patient care expectations. Winter is a time of perseverance. As the cold and dark descend, we fend off the natural tendency to hibernate into routine by bringing a renewed focus to personal and professional leadership development. And finally, springtime brings the promise of possibilities as we prepare to welcome our newest class of interns and graduate our most senior residents.

Without doubt my favorite time of the residency calendar is where we find ourselves now. It's thrilling to see residents achieve their goals and be ready for independent practice. This year we will celebrate the accomplishments of eight

remarkable young physicians who have poured their hearts and souls into the past three years of training.

This graduating class had the unique experience of being in their intern year when the pandemic began. These residents, as well as countless healthcare team members with whom they work, faced this pandemic head-on, in person, since day one, when much about COVID-19 was still unknown. They showed up day after day to meet the needs of patients, well aware that they were taking risks while doing so. They did this without hesitation, because our patients never stopped needing us, and because as physicians, this is our calling.



These residents have modeled leadership and teamwork. Over half of these residents will remain in the region, continuing to serve our local communities by practicing internal medicine in the clinic and hospital settings. Those who leave for fellowship or practice opportunities elsewhere will serve as fine ambassadors for the residency program. I am incredibly proud of each of their accomplishments.

Dr. Jennifer Raum
Director
UND Internal Medicine Residency Program

Graduate

Eugene Aleksandrovich
Larae Beth
Emmanuel Fohle
Regan Helbling
Ciciley Littlewolf
Hannah Schradick

Vinita Vaidya

Umama Zareen

Post-graduation plan

Hospitalist – Sanford Health, Bemidji, Minn.
Chief Resident – Sanford Health, Fargo, N.D.
Cardiology Fellowship – University of South Dakota
Hospitalist – Sanford Health, Fargo, N.D.
Hospitalist – Sanford Health, Fargo, N.D.
Outpatient Internal Medicine – Sanford Health, Wahpeton, N.D.
Pulmonary/Critical Care Fellowship
– West Virginia University
Hospitalist – Christus St. Frances Cabrini Hospital, Alexandria, Lou.

CALL FOR POSTER JUDGE VOLUNTEERS

The Department of Internal Medicine is seeking faculty volunteers to judge posters at the following:

- American College of Physicians (ACP) North Dakota Chapter annual meeting poster competition on October 6, 2022
- Society of Hospital Medicine North Dakota Chapter meeting poster competition on October 6, 2022

- Internal Medicine Research Symposium annually in May

If you are interested in volunteering as a judge for any of these competitions, please sign-up online at und.qualtrics.com/jfe/form/SV_77LRxAWSHLVgKai. The details will be sent to you prior to the event.

HEALTH EQUITY INITIATIVE UPDATE

In November 2021, the resident-led UND Health Equity Initiative coordinated a Homeless Shelter Drive for Churches United and the New Life Center in Fargo/Moorhead. The team collected donations at various clinical sites through the month of October and delivered four carloads of goods to the two shelters. Winter coats, clothing, hygiene items, and bedding were priorities for both Churches United and New Life Center and were a focus of the efforts.

Read more about the UND Health Equity Initiative featured in the Spring 2022 issue of North Dakota Medicine magazine at med.UND.edu/nd-medicine/spring-2022/asking-the-toughest-questions.html.

If you are interested in finding out more or joining the efforts of the UND Health Equity Initiative, please contact one of our following fearless leaders:

Ciciley Littlewolf

(Internal Medicine, PGY3, ciciley.littlewolf@sanfordhealth.org),

Rhianna Rubner

(Transitional Year, PGY1, rhianna.rubner@sanfordhealth.org),

Hallie Thompson

(Internal Medicine, PGY1, hallie.thompson@sanfordhealth.org), and
and **Anastasia Schroeder**

(Transitional Year, PGY1, anastasia.schroeder@sanfordhealth.org).



2021 ACADEMIC FACULTY PROMOTIONS



In 2021, we had one academic faculty member awarded a promotion from the UND SMHS Committee on Promotion and Tenure. Dr. Dubert Guerrero was promoted from Assistant Professor to Associate Professor - Clinical Scholar Track.

Dr. Guerrero is the current department chair for Infectious Diseases in Sanford Health Fargo and Associate Director for Research and Scholarly Activity for Internal Medicine at the University of North Dakota. He is a practicing infectious disease clinician and a translational research scientist.

He has worked on many projects involving hospital epidemiology, including methicillin resistant *Staphylococcus aureus* and *Clostridium difficile*. Currently, he serves as a site principal and sub-investigator on a number of industry sponsored studies, including active clinical trials on SARS-CoV-2 infections. He is the director of the travel clinic that provides numerous vaccinations every day. He has participated in many vaccine studies, including for the ebola and yellow fever vaccines. As Associate Director for Research of Graduate Medical Education of the School of Medicine and Health Sciences, he is responsible for the research activity of a number of students and faculty.

FACULTY PUBLICATIONS

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

Case Reports:

- Anderson H, Nichols L, Gonzalez Santiago T. Bullous fixed drug eruption following administration of the recombinant adjuvant Shingrix vaccine. *BMJ Case Rep.* 2021 Aug;14(8):e241293
- Matta A, Kallamadi R, Matta D, Bande D. Post-mRNA COVID-19 vaccination myocarditis *Eur J Case Rep Intern Med.* 2021 Aug;8(8):002769
- Sharma A, Mannuru D, Matta A, Kaushal A. Rare complication of ceftriaxone therapy: Drug-induced thrombocytopenia (DITP). *BMJ Case Rep.* 2021 Sep 6;14(9):e245228

Peer-Reviewed Articles:

- Montgomery AD, Hammer KDP, Nelson C, Lo TS, Guerrero D. Effect of pulsed-xenon ultraviolet light on environmental contamination and risk of health care worker hand contamination. *Am J Infect Control.* 2021 Jul;49(7):957-9
- Stacy JM, Greenmyer JR, Beal JR, Sahmoun AE, Diri E. The efficacy of low dose short-term prednisone therapy for remission induction in newly diagnosed rheumatoid arthritis patients *Adv. Rheumatol.* 2021 Aug 9;61(1):50
- Elzanaty AM, Maraey A, Khalil M, et al. Sex differences in outcomes of spontaneous coronary artery dissection: Insights from the national readmission database. *Cardiovasc Revasc Med.* 2021 Sep 15;S1553-8389(21)00637-0
- Basson MD, Newman WE, Klug MG. Correlations among Visit-to-Visit Blood Pressure Variability and Treatment with Antihypertensive Medication with Long-Term Adverse Outcomes in a Large Veteran Cohort. *Am J Hypertens.* 2021 Oct 27;34(10):1092-99
- Khthir R, Santhanam P. Artificial Intelligence (AI) approach to identifying factors that determine systolic blood pressure in type 2 diabetes (study from the LOOK AHEAD cohort). *Diabetes Metab Syndr.* Nov-Dec 2021; 15(6), 102278.
- Maraey A, Ahmed M Elzanaty, Mahmoud Salem, et al. Relation of Type 2 Myocardial Infarction and Readmission with Type 1 Myocardial Infarction in Hypertensive Crises. *Am J Cardiol.* 2021 Dec 15;161:56-62
- Staskywicz Z, Burchill K, Sahr S, Sahmoun A, Sang T. Changing Patterns in Midwestern Farm Trauma: A Retrospective Comparative Analysis. *Am Surg.* 2022 Apr 7:3134822108394

*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.cellucci@UND.edu.

FACULTY NEWS

- Two internal medicine faculty were elected to leadership roles with NDMA First District Medical Society. Dr. Siddharth Singhal is president and Dr. John Bassett is vice president.
- Dr. Dev Mannuru was a presenter for a national podcast, Association of Clinical Documentation Integrity Specialists (ACDIS), on the topic of teaching clinical documentation to medical students.
- Dr. Mubashir Badar, hospitalist at Sanford Health Bismarck, was named Vice President of Sanford Health Bismarck.

CLINICAL RESEARCH

If you have ideas for projects related to quality improvement, healthcare access, health disparities, or preventive medicine, and would like assistance with getting IRB approval, study design, statistical analysis, and/or help from students, please contact danielle.cellucci@UND.edu.

SAVE THE DATE!

Annual AICoRN Summit & DaCCoTA Symposium – August 4-5, 2022

- The American Indian Collaborative Research Network (AICoRN) & Dakota Community Collaborative on Translational Activity (DaCCoTA) at Sanford Center in Sioux Falls, S.D. Events include: Educational Opportunities, Poster Sessions, DaCCoTA Awardee Presentations, Networking Opportunities



DEV MANNURU VOTED INAUGURAL CLINICAL PRECEPTOR FOR THE UND PRECEPTOR RECOGNITION STUDENT SCHOLARSHIP PROGRAM

Dr. Devendranath “Dev” Mannuru, internal medicine clerkship director and associate program director for the UND School of Medicine & Health Sciences (SMHS) internal medicine residency, has been named the inaugural clinical preceptor for the SMHS Preceptor Recognition Student Scholarship Program.

The new Preceptor Recognition Student Scholarship Program is funded by a \$100,000 endowment at the UND Alumni Association & Foundation that produces approximately \$3,750 annually for medical student scholarships. It allows fourth-year medical students to select their favorite “preceptor” (or clinical instructor) based on their third-year clinical rotations.

At graduation in May 2022, a scholarship was given in Dr. Mannuru’s name to the second-year student who earned the highest scores in the first 20 months (Phase 1) of their class’s four-year curriculum. The recipients this year were Zachary Mohs and Samuel Wilke. Current third-year medical students will get an opportunity to select a different preceptor next year, and a student from the MD Class of 2025 will receive a scholarship in that new preceptor’s name in May 2023, and so on.

“I am honored and blessed to be voted as the inaugural clinical preceptor,” said Mannuru, a physician at Sanford Health in Fargo who cites medical education and safe and effective patient-centered care as goals of his practice. “I feel genuinely content that students feel my educational efforts are beneficial to them and are shaping them to



be compassionate and skilled physicians. I want to thank my wife and children for their support. Without them allowing me to do this work, I will not have the additional time to educate learners. Finally, I would like to thank UND and Sanford for providing the opportunities to educate learners. I will continue to share the knowledge and skill with all learners and develop great physicians ahead.”

The UND Alumni Foundation is hoping to increase this initial amount dramatically through additional donations from UND alumni and friends. Any donation amount is welcome! Please donate at UNDalumni.org/clinicalpreceptor.