

INTERNAL MEDICINE NEWS

Summer 2021

Vol. 3, No. 2

WELCOME NEW RESIDENTS!

On July 1, 2021, the UND Department of Internal Medicine welcomed eight new Internal Medicine residents and eight new Transitional Year residents. We would like to welcome them to Fargo and we expect outstanding achievements from these men and women!

Internal Medicine Residents



Brock Ashmore
Ross University
School of Medicine



Anya de Leeuw
NUI Galway
School of Medicine



James Fowler
University of Nevada
Reno School
of Medicine



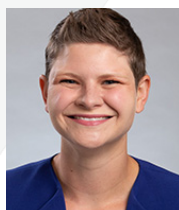
Andrew Herting
UND School of Medicine
& Health Sciences



Noreen Khan
Ross University School
of Medicine



Nikitha Sathish Kumar
Kansas City University
of Medicine and
Biosciences, College of
Osteopathic Medicine



Logan Schmalz
UND School of Medicine
& Health Sciences



Hallie Thompson
UND School of Medicine
& Health Sciences



Joshua Blotter
University of Utah
School of Medicine
Neurology



James Broadbent
Touro University Nevada
College of
Osteopathic Medicine
Hofstra/Northwell
Anesthesiology



Rhianna Rubner
University of Colorado
School of Medicine
Diagnostic Radiology



Anastasia Schroeder
UND School of Medicine
& Health Sciences
Radiology



Andrew Sefain
American University of
Antigua College
of Medicine
Neurology



Praneeth Thadi
Burrell College of
Osteopathic Medicine
Neurology



Christopher Wiger
University of Minnesota
Medical School
Radiology



Benjamin Wilke
Des Moines University
College of
Osteopathic Medicine
Diagnostic Radiology

Transitional Year Residents



Joshua Blotter
University of Utah
School of Medicine
Neurology



James Broadbent
Touro University Nevada
College of
Osteopathic Medicine
Hofstra/Northwell
Anesthesiology



Praneeth Thadi
Burrell College of
Osteopathic Medicine
Neurology



Christopher Wiger
University of Minnesota
Medical School
Radiology



Benjamin Wilke
Des Moines University
College of
Osteopathic Medicine
Diagnostic Radiology

RESEARCH AND SCHOLARLY ACTIVITIES

If you are interested in becoming involved in research, or have research ideas but do not know where to start, feel free to contact Mikki Eken at mikki.eken@UND.edu. If you have published research or presented a poster or oral presentation, please inform Mikki Eken.

2021 INTERNAL MEDICINE

RESEARCH SYMPOSIUM

Due to the ongoing pandemic and UND policies concerning COVID-19, the 2021 Internal Medicine Research Symposium was held on April 28, 2021, for limited in-person viewing and on WebEx for extended viewing. The presentations were divided into three categories: clinical vignette, research poster, and oral presentation. The residents presented the clinical vignettes and research posters via short videos, and the oral presentations were given in person at the Sanford Medical Center Fargo Boardroom. We had an astonishing 23 presentations by Transitional Year and Internal Medicine residents. Of those 23 presentations, we had 8 clinical vignettes, 10 research posters, and 5 oral presentations.

We had the honor of hosting Dr. Kimberly Hammer, associate chief of staff for Research and Development at the Fargo VAMC and academic associate professor with UND's Department of Internal Medicine, and Dr. Dubert Guerrero, associate program director for Research for UND's Department of Internal Medicine and infectious disease physician at Sanford, as moderators for the symposium. We also had the pleasure of welcoming nine judges with varying specialties. Judging oral presentations were Ben Forred, director of Genetics and Genomics Clinical Research at Sanford Health and director of the CoRDS Registry; Dr. Kirsten Juhl, internal medicine physician at Sanford and associate program director for Ambulatory Medicine for UND's Department of Internal Medicine; and Dr. Jennifer Raum, internal medicine physician at Sanford and director of the Internal Medicine Residency Program at UND SMHS. Judging the research poster competition was Dr. Hermina Fernandes, hematologist/oncologist at Sanford Cancer Center Bismarck and clinical associate professor with UND's Department of Internal Medicine, Jennifer Rasmussen, director of clinical research at Sanford Health Fargo, and Kate Syverson, director of Quality and Safety for the Fargo region of Sanford Health. For the clinical vignette competition we had Dr. Abhishek Matta, hospital medicine physician at Sanford Medical Center Fargo and assistant professor with UND's Department of Internal Medicine, Dr. Tze Shien Lo, chair of the Infectious Disease Department at the Fargo VAMC and academic professor with UND's Department of Internal Medicine, and Dr. Sunita Sharma, cardiologist at Sanford Health and clinical assistant professor with UND's Department of Internal Medicine.

After deliberation, the judges chose first, second, and third place for each category. In the oral presentation category, first place went to Dr. Rebekka Sneed for her presentation "Catheter Associated Urinary Tract Infections (CAUTI) in the Critical Care Unit." Dr. Emmanuel Fohle won second place for his presentation "Clinical Outcomes and Complications in Patients with Cardiac Arrest: Comparison of Manual Chest Compressions versus Use of LUCAS Devise in Cardiopulmonary Resuscitation." Third place was awarded to Dr. Vinita Vaidya for her presentation "Preventing the Transmission of COVID-19 Among

Catheter Associated UTI (CAUTI) in Critical Care Unit

Rebekka Sneed, MD
Avish Nagpal, MD



ASSESSING THE DIAGNOSTICITY OF MULTIPLEX PCR IN BRONCHOALVEOLAR LAVAGE SAMPLES

CULLEN TRANGSRUD, MD, PGY-3
UNIVERSITY OF NORTH DAKOTA INTERNAL MEDICINE RESIDENCY
DUBERT GUERRERO, MD, VENKATKIRAN KANCHUSTAPPAH, MD

In the research presentation category, Dr. Cullen Trangsrud won first place for "Assessing the Diagnosticity of Multiplex PCR in Brochoalveolar Lavage Samples." Dr. Jessie Bjella received second place for her research on "Provider Bias in Clinical Documentation and Pain Management," and Dr. Tyler Beattie was awarded third place for "Pre-procedural Asymptomatic Patient with COVID-19."

The slide is a medical presentation titled "A Case of De Novo ANCA-associated Vasculitis in Pregnancy" by R. Helbling, MD. It is structured into several sections: Background, Hospital Course, Case Report, Discussion, Conclusions, and References. The Background section discusses ANCA-associated vasculitis (AAV) and its association with pregnancy. The Hospital Course section details the patient's presentation with hematuria and proteinuria, leading to a diagnosis of ANCA-associated vasculitis. The Case Report section describes the patient's clinical course, including the use of corticosteroids and immunosuppressants. The Discussion section highlights the challenges of managing AAV during pregnancy. The Conclusions section states that the use of ANCA-associated vasculitis in pregnancy is rare and presents diagnostic challenges. The slide also includes several images: a chest X-ray, a CT scan of the abdomen, and a microscopic image of a renal biopsy showing crescentic glomerulonephritis.

In the clinical vignette competition, first place was "A Case of De Novo ANCA-associated Vasculitis in Pregnancy," presented by Dr. Regan Helbling. Second place went to Dr. Hannah Schradick for "Case Report: Spontaneous Type A Aortic Dissection in a Patient with Systemic Sclerosis." Dr. Stephanie Melquist won third place for her presentation on "COVID-19 Presenting as Fulminant Hepatic Failure: A Case Report."

Congratulations to this year's winners! Thank-you to our judges, moderators, and all the participants.

FRANK LOW RESEARCH DAY

At Frank Low Research Day 2021 on April 22, the Department of Internal Medicine residents and faculty members were part of 35 presentations. Dr. Abe Sahnoun, Dr. Dubert Guerrero, Dr. Avish Nagpal, Dr. Laura Nichols, Dr. Erik Heitkamp, Dr. Paul Carson, Dr. Rachel Ness, Dr. Tze Shien Lo, Dr. Kimberly Hammer, Dr. John Bassett, Dr. Peter Kurniali, Dr. Gopikrishna Paladugu, and Dr. Venkatkiran Kanchustambham assisted medical students and residents with these 35 presentations. Internal Medicine and Transitional Year residents Vinita Vaidya, Cullen Trangsrud, Emmanuel Fohle, Phanindra Antharam, Eugene Aleksandrovich, Stephanie Melquist, Larae Beth, Hannah Schradick, Kellen Mastick, Spencer Campbell, Naidu Guriginjakunta, Anaas Mergoum, Jessie Bjella, Benjamin Kreitz, and Tyler Beattie participated in 13 presentations.

Dr. Abe Sahnoun assisted with two honorable mention presentations with medical students in the UND Department of Family & Community Medicine. The poster “Current practice of post orthopedic surgery venous thromboembolism (VTE) prophylaxis and incidence of VTE”

Venous thromboembolism and bleeding complications following hip and knee surgery: does chemoprophylaxis method influence risk?

Phanindra Antharam MD, Benjamin Kreitz MD, Abe Sahnoun PhD, Gopikrishna Paladugu MD



presented by Internal Medicine PGY-3 resident Phanindra Antharam, and assisted by Transitional Year resident Benjamin Kreitz, Dr. Abe Sahnoun, and Dr. Gopikrishna Paladugu, won Best Poster in the Medical Resident category. Transitional year resident Tyler Beattie and Dr. Dubert Guerrero won Honorable Mention in the same category with the poster “Pre-procedural Asymptomatic Patients with Covid-19.”

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

QUARTERLY NEWS

Congratulations to our faculty and residents who received awards/nominations:

- Dr. Tze Shien Lo, academic professor of Internal Medicine and chair of the Infectious Disease Department at the Fargo VAMC, received the Byron D. Danielson MD Award: Physician of the Year 2021.
- Dr. Paul Mariani, associate professor of Internal Medicine and associate chief of staff for education at the Fargo VAMC, received the Byron D. Danielson MD Award: Physician of the Year 2021.
- Dr. Peter Kurniali, assistant professor of Internal Medicine and hematologist/ oncologist with the Sanford Cancer Center Bismarck, received the 2021 Dean’s Special Recognition Award for Outstanding Volunteer Faculty.
- Dr. Abe Sahnoun, professor and director of research affairs in the Department of Internal Medicine, was accepted into the Alpha Omega Alpha Honor Medical Society.
- Dr. Ciciley Littlewolf, Internal Medicine second-year resident, and Dr. Stephanie Melquist, Internal Medicine third-year resident, were both nominated for the Alpha Omega Alpha Honor Medical Society.
- The North Dakota Chapter of the Society of Hospital Medicine received the Silver Status Excellence Award in April of this year.

IMPORTANT DATES*

2021

- Sept. 8-11: Ninth Annual SOHO Meeting, Houston, TX
- Sept. 29 - Oct. 3: ID Week 2021, San Diego, CA
- Oct. 7-8: SGIM Midwest Regional Virtual Meeting: <https://www.sgim.org/meetings/regional-meetings/midwest>
- Oct. 22-27: ACG Annual Scientific Meeting; Las Vegas, NV/Virtual <https://acgmeetings.gi.org>
- Nov. 2-7: ASN Kidney Week; San Diego, CA
- Nov. 4-8: ACAAI Annual Meeting; New Orleans, LA
- Nov. 5-9: ACR Convergence; San Francisco, CA/Virtual <https://www.rheumatology.org/Annual-Meeting/Registration>
 - Late breaking abstract submission Aug. 31 - late Sept.

2022

- April 2-4: ACC 71st Annual Scientific Session & Expo; Washington, DC
 - Abstract/case submission accepted Aug. 24-Oct. 13
- April 6-9: 2022 SGIM Annual Meeting, Orlando, FL
- April 10-13: AAIM Academic Internal Medicine Week, Charlotte, NC
- April 28-30: ACP Internal Medicine Meeting 2022, Chicago, IL
- April 7-10: SHM Annual Conference, Nashville, TN
- May 13-18: ATS International Conference, San Francisco, CA
- June 3-7: ASCO 2022 Annual Meeting, Chicago, IL
- June 11-14: ENDO 2022 Conference; Atlanta, GA

*Dates are subject to change.

FACULTY PUBLICATIONS

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

- Adkins D, Ley J, Atiq O, Powell S, Spanos WC, Gitau M, Rigden C, Palka K, Liu J, Oppelt P. Nanoparticle albumin-bound paclitaxel with cetuximab and carboplatin as first-line therapy for recurrent or metastatic head and neck cancer: A single-arm, multicenter, phase 2 trial. *Oral Oncol.* 2021; 115:105173. doi: 10.1016/j.oraloncology.2020.105173.
- Bleeker J, Wernisch J, Tronier S, Terstriep SA. Oncology patient and provider preferences regarding rapid radiology result release to online portals. *J Clin Oncol.* 2021; 39(15_suppl): 1544.
- Bueide P, Hunt J, Bande D, Guerrero, DM. Maggot Wound Therapy Associated with *Wohlfahrtiimonas chitiniclastica* Blood Infection. *Cureus.* 2021; 13(1):e12471. doi: 10.7759/cureus.12471.
- Fohle E, Hess A, Antharam P, Vaidya V, Zareen U, Sharma A, Guerrero DM, Dyke C, Khan H, Sharma S, Sahmoun A. Clinical Outcomes and Complications in Patients with Cardiac Arrest: Comparison of Manual Chest Compression Versus Use of LUCAS Device in Cardiopulmonary Resuscitation. *J Am Coll Cardiol.* 2021; 77(18_Suppl1): 3248.
- Fohle E, Montgomery S, Murat J, Ness R, Lo TS. An unusual timing of amoxicillin-induced IgA vasculitis in an elderly patient. *Cureus.* 2021; 13(6):e15757. doi:10.7759/cureus.15757.
- Fohe E, Seth R, Matta A. A Case of Histoplasmosis Mimicking Primary Lung Cancer with Liver Metastasis. *Cureus.* 2021; 13(2): e13517. doi: 10.7759/cureus.13517.
- Fohle E, Smith BA, Guerrero DM. A Rare Case of Spontaneous Splenic Rupture Secondary to Tularemia Following a Cat Bite. *Cureus.* 2021; 13(2): e13218. doi: 10.7759/cureus.13218.
- Gaba A, Cao L, Renfrew R, Eglund KA, Witte DL, Wernisch J, Crosby R. Abstract SS1-08: Did Medicaid expansion under the Affordable Care Act narrow the gap between American Indians and Whites on breast cancer management and prognosis? *Cancer Res.* 2021; 81(4_Suppl): SS1-08. doi: 10.1158/1538-7445.SABCS20-SS1-08.
- Kanchustambham V, Saladi S. Adenocarcinoma of the Lung with Inguinal Lymph Node Metastasis. *Cureus.* 2021; 13(3): e13658. doi: 10.7759/cureus.13658.
- Lane A, Pacella J, Beal JR, Sahmoun AE, Fedo-Rosvold S, Bellas WM, Brower-Breitwieser C. A cross-sectional analysis of infant-driven and traditional feeding outcomes for neonatal intensive care unit infants. *J Perinatol.* 2021; 1-8. doi: 10.1038/s41372-021-01084-9.
- Mack M, Nichols L, Guerrero DM. Rhabdomyolysis Secondary to COVID-19 Vaccination. *Cureus.* 2021; 13(5): e15004. doi:10.7759/cureus.15004.
- McGrath R, Vincent BM, Jurivich DA, Hackney KJ, Tomkinson GR, Dahl LJ, Clark BC. Handgrip Strength Asymmetry and Weakness Together are Associated with Functional Disability in Aging Americans. *J Gerontol A Biol Sci Med Sci.* 2021; 76(2): 291-296. doi: 10.1093/gerona/glaa100.
- Oppelt P, Ley J, Daly M, Rich J, Paniello R, Jackson RS, Pipkorn P, Liu J, Gay H, Palka K, Neupane P, Powell S, Spanos WC, Gitau M, Zevallos J, Thorstad W, Adkins, D. nab-Paclitaxel and cisplatin followed by cisplatin and radiation (Arm 1) and nab-paclitaxel followed by cetuximab and radiation (Arm 2) for locally advanced head and neck squamous-cell carcinoma: a multicenter, non-randomized phase 2 trial. *Med Oncol.* 2021; 38(4):35. doi: 10.1007/s12032-021-01479-w.
- Pacella JC, Niwattisaiwong S, Newman D. IgG4-Related Retroperitoneal Fibrosis: A Rare Association With Riedel's Thyroiditis. *Cureus.* 2021;13(3):e13997. doi:0.7759/cureus.13997.
- Phadke G, Hanna RM, Ferrey A, Torres EA, Singla A, Kaushal A, Kalantar-Zadeh K, Kurtz I, Jhaveri KD. Review of intravitreal vascular endothelial growth factor inhibitor toxicity and report of collapsing focal and segmental glomerulosclerosis with thrombotic microangiopathy in patient with age-related macular degeneration. *Clin Kidney J.* 2021; sfab066. doi: 10.1093/ckj/sfab066.
- Quick AM, Dockter T, Le-Rademacher J, Salani R, Hudson C, Hundley A, Terstriep S, Streicher L, Faubion S, Loprinzi CL, Coleman JS. Pilot study of fractional CO2 laser therapy for genitourinary syndrome of menopause in gynecologic cancer survivors. *Maturitas.* 2021; 144: 37-44. doi: 10.1016/j.maturitas.2020.10.018
- Reinholz A, Mannuru D, Bande D, Matta A. Reactive arthritis: an unusual presentation of acute *Clostridioides difficile* colitis. *BMJ Case Rep.* 2021; 14(4): e240890. doi: 10.1136/bcr-2020-240890.
- Rokkam VRP, Kutti Sridharan G, Vegunta R, Vegunta R, Boregowda U, Mohan BP. *Clostridium Difficile* and COVID-19: Novel Risk Factors for Acute Portal Vein Thrombosis. *Case Rep Vasc Med.* 2021; 2021:8832638. doi: 10.1155/2021/8832638.
- Schmitz K, Groth N, Mullvain R, Renier C, Oluleye O, Benziger C. Prevalence, Clinical Factors, and Outcomes Associated with Myocardial Infarction with Nonobstructive Coronary Artery. *Crit Pathw Cardiol.* 2021; 20(2):108-113. doi: 10.1097/HPC.0000000000000249.
- Talluri K, Lall N, Moreno MA, Nichols L, Bande D. Posterior Reversible Encephalopathy Syndrome in a Patient With SARS-CoV-2 Infection Treated with Tocilizumab. *Cureus.* 2021; 13(2): e13475. doi: 10.7759/cureus.13475.

*This list may only be partial. If you have a recent scholarly activity that you would to have included in the next newsletter, please contact Mikki Eken at mikki.eken@UND.edu.

MAJOR MEDIA MENTIONS

Congratulations to the following IM faculty who were featured or quoted recently in the local and national news:

- Dr. Avish Nagpal – “Some Catholic leaders discourage taking Johnson & Johnson vaccine, but don't fully dismiss it” – Fargo Forum – March 4, 2021
- Dr. Avish Nagpal – “Local health experts warn of another COVID-19 spike” – Fargo Forum – March 19, 2021
- Dr. Avish Nagpal – “Infected youth behind Fargo-Moorhead's jump in COVID-19 cases” – Fargo Forum – March 29, 2021
- Dr. Avish Nagpal – “Fargo area's recent COVID-19 spike is the exception among North Dakota's urban hubs” – Grand Forks Herald – April 9, 2021
- Dr. Joshua Ranum – “'Vaccine hesitancy' takes hold in western North Dakota, threatening herd immunity” – The Dickinson Press – April 11, 2021
- Dr. Avish Nagpal – “Sanford Health begins clinical trials of hydroxychloroquine” – AM 1100 The Flag – April 16, 2021
- Dr. Joshua Wynne, Joshua Ranum – “Manitoba well behind North Dakota in race to herd immunity” – Global News – April 20, 2021
- Dr. Avish Nagpal – “Sanford Health will resume use of Johnson & Johnson Vaccine” – Valley News Live – April 26, 2021
- Dr. Joshua Ranum – “Some health care workers still resist getting the COVID-19 vaccine. Essentia and Sanford aim to change that” – Grand Forks Herald – April 28, 2021
- Dr. Avish Nagpal – “Experimental COVID treatment may have saved ND woman's life; doctor says more study needed” – Grand Forks Herald – May 1, 2021
- Dr. Avish Nagpal – “Lyme disease: A silent problem in the human body” – Valley News Live – May 7, 2021
- Dr. Avish Nagpal – “Sanford Health responds to CDC investigation of myocarditis among younger teenagers” – Valley News Live – May 25, 2021

*This list is only partial. If you have recently been in the news media and would like to be included in the next newsletter, please contact Mikki Eken at mikki.eken@UND.edu.

INSTITUTIONAL REVIEW BOARD REMINDER

If you are the primary investigator of the research team, UND IRB approval is mandatory in addition to your provider's IRB approval. For questions, please contact: Michelle Bowles at michelle.bowles@UND.edu or 701.777.4079.