

INTERNAL MEDICINE NEWS

Summer 2023

Vol. 5, No. 1

RESIDENCY PROGRAM FEATURE



On June 9, 2023, we celebrated our graduating residency class. This class has been through a most unusual residency experience, given that the start of their

residency aligned with the beginning of the pandemic. Individually and as a group, these residents have thrived and are well trained to serve the communities in which they will practice. These physicians are not only prepared to provide excellent clinical care, but they are well prepared as physician leaders to lead teams and organizations through changing times in healthcare.

The mission of our program is to train internal medicine residents to provide

high-value care to the people of North Dakota and the adjacent regions we serve. This year we have a record number of graduates who will join practices in North Dakota, continuing our tradition of training physicians for the great state of North Dakota. Congratulations to our graduates!

Dr. Jennifer Raum
Program Director
UND Internal Medicine Residency Program

Graduate

Shannon Chamberlain

Jenna Gassman
Mathew Gerving

Katrina Lybeck
Nathan Marsh

Swetha Saladi
Alexander Spacek

Post-graduation plan

Sanford Health, Fargo –
Chief Resident/General Internal Medicine/Hospital Medicine
Sanford Health, Sioux Falls – General Internal Medicine
Sanford Health, Dickinson –
General Internal Medicine/Hospital Medicine
Sanford Health, Fargo – Hospital Medicine
Sanford Health, Fargo – Hospital Medicine
Sanford Health, Fargo – General Internal Medicine
Sanford Health, Fargo – Hospital Medicine

HEALTH EQUITY COMMITTEE PARTICIPATES IN 5K RUN/WALK FUNDRAISER



The Resident and Medical Student Health Equity Committee participated in a 5k run/walk on May 11 to benefit the Sanford Health Foundation. Donations assist patients with purchasing



medical supplies, medications, and medical care. The event raised over \$4,000 to help patients in need!

2023 INTERNAL MEDICINE RESEARCH SYMPOSIUM

Drs. Sahmoun and Guerrero would like to thank everyone who joined us for the 2023 Internal Medicine Research Symposium on May 11, 2023. A special thank you to our moderator, Dr. Jenna Gassman, and our judges: Drs. Tze Shien Lo, Jody Thompson, Breton Weintraub, Mentor Ahmeti, Venkatkiran Kanchustambham, and John Shabb.

Great job to all of our residents. The presentations were outstanding. Thank you for your hard work and for taking the time to share your research.

The winners are:

Oral Presentations



1st Place: Sean Montgomery, PGY1 TY, Brock Ashmore, PGY2 IM, James Fowler, PGY2 IM – Association Between Statins Use and Myasthenia Gravis Exacerbation

Advisors: Dr. Abe Sahmoun and Dr. Dubert Guerrero

2nd Place: Logan Schmaltz, PGY2 IM – The role of rapid molecular assay Group A streptococcal testing and the Mclsaac Criteria in adults with pharyngitis: Do rapid molecular assays reduce antibiotic therapy?

Advisors: Dr. Kimberly Hammer and Dr. Tze Shien Lo

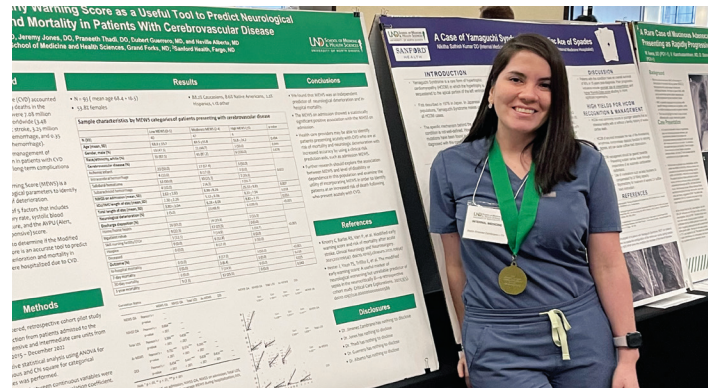
3rd Place: Dre Steinwehr, PGY1 IM and Hallie Thompson, PGY2 IM – Evaluation of multi-discipline PADIS intervention on ICU patient outcomes

Advisors: Karen Baatz, NP and Dr. Mazen Kherallah

Research Posters

1st Place: Joyce Jimenez Zambrano, PGY1 TY – The Modified Early Warning Score as a Useful Tool to Predict Neurological Deterioration and Mortality in Patients with Cerebrovascular Disease

Advisors: Dr. Jeremy Jones, Dr. Praneeth Thadi, Dr. Dubert Guerrero, and Dr. Neville Alberto



2nd Place: Shannon Chamberlain, PGY3 IM – Assessment of Hospital Readmissions in Decompensated Cirrhosis: Are We Doing Enough?

Advisors: Dr. Anastasia Schroeder and Dr. John Bassett

3rd Place: Mark Wiche, PGY1 TY – Trends in Initial Imaging Modality Selection Among Patients Presenting to the Emergency Department with Lower Abdominal Pain

Advisors: Dr. Abe Sahmoun and Dr. Dubert Guerrero

Clinical Vignette Posters



1st Place: Dre Steinwehr, PGY1 IM – Noncompaction Cardiomyopathy in Young Patient Presenting with Advanced Heart Failure

Advisor: Dr. Mohamed Sanallah

2nd Place: Nathan Marsh, PGY3 IM, Alex Spacek, PGY3 IM, and Jenna Gassman, PGY3 IM – Cranial Nerve Palsy with Progression to Flaccid Paralysis in a Young Healthy Female Secondary to Foodborne Botulism

Advisors: Dr. Bradley Smith and Dr. Hasrat Khan

3rd Place: Shabbir Haiderbhai, PGY1 IM – An unusual case of a young female with portal vein thrombosis in liver cirrhosis.

Advisor: Dr. Riley Clark

Congratulations to all!

FACULTY PUBLICATIONS

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

Gao AR, Nichols L, Mannuru D. A Rare Case of West Nile Virus-Associated Cardiomyopathy. *Cureus*. 2022 Aug 27;14(8):e28473. doi: 10.7759/cureus.28473. PMID: 36176843; PMCID: PMC9512124.

Sharma A, Matta A, Bande D. Bilateral Symmetric Gastrocnemius Myositis Secondary to COVID-19. *Cureus*. 2022 Sep 13;14(9):e29127. doi: 10.7759/cureus.29127. PMID: 36258976; PMCID: PMC9573325.

Pekas D, Telken W, Sahmoun AE, Beal JR. Association Between Race and Usage of Pain Medications in Children With Long Bone Fractures in US Emergency Departments, 2011-2019. *Pediatr Emerg Care*. 2023 May 9. doi: 10.1097/PEC.0000000000002958. Epub ahead of print. PMID: 37159330.

Kurniali, P.C., Storandt, M.H, Jin, Z., Utilization of Circulating Tumor Cells in the Management of Solid Tumors. *Journal of Personalized Medicine*. *J Pers Med*. 2023 Apr 20;12(4):694. PMID 37109080

Gray T, Boccardi A, Shahwan KT. Simulation-based training in dermatologic surgery: a literature review [published online ahead of print, 2023 Apr 6]. *Arch Dermatol Res*. 2023;10.1007/s00403-023-02606-5.

Visconti MJ, Archibald LK, Shahwan KT, Kimyon RS, Bakker C, Mattox AR, Alam M, Maher IA. Nasal reconstructive techniques following Mohs surgery or excisions: a systematic review. *Arch Dermatol Res*. 2023 Apr;315(3):333-337.

Shahwan KT, Amon GJ, Archibald LK, Bakker C, Mattox AR, Alam M, Maher IA. Repair of auricular defects following Mohs micrographic surgery or excision: a systematic review of the literature. *Arch Dermatol Res*. 2023 Apr;315(3):443-446.

Nash J, Shahwan KT, Carr DR. Clinical practicality of reporting cutaneous squamous cell carcinoma risk factors at the time of Mohs surgery. *Arch Dermatol Res*. 2023 Mar;315(2):301-303.

Boettler MA, Gray AN, Brodsky MA, Shahwan KT, Carr DR. Mohs Micrographic Surgery for Verrucous Carcinoma: A Review of the Literature. *Arch Dermatol Res*. 2023 Mar;315(2):133-137.

Archibald LK, Gupta R, Shahwan KT, Swick M, Bakker C, Mattox AR, Alam M, Maher IA. Periorbital Reconstructive Techniques Following Mohs Surgery or Excisions: A Systematic Review. [published online ahead of print, 2023 Jan 17]. *Arch Dermatol Res*. 2023;10.1007/s00403-022-02523-z.

Walker TD, Cusick A, Shahwan KT, Carr DR. Timing of sentinel lymph node biopsy in cutaneous squamous cell carcinoma. *J Am Acad Dermatol*. 2023 Jan;88(1):249-251.

Shahwan KT, Demer AM, Maher IA. Repair of an extensive defect of the ear and retroauricular scalp. *Dermatol Surg*. 2023 Apr 1;49(4):415-417.

Faisel L, Swanson A, Sheridan C, Walker T, Carr DR, Shahwan KT. The Role of Sentinel Lymph Node Biopsy in Extramammary Paget Disease: A Systematic Review. Accepted to *Archives of Dermatological Research*, May 2023.

Libson K, Sheridan C, Schulte SJ, Carr DR, Shahwan KT. Use of Imaging in Cutaneous Squamous Cell Carcinoma to Detect High-Risk Tumor Features, Nodal Metastasis, and Distant Metastasis: A Systematic Review. Submitted to *Dermatologic Surgery*, June 2023.

Mafee M, Carr D, Xu YG, Eisen D, Nehal K, Etkorn J, Lawrence N, Kibbi N, Worley B, Michalski B, Shahwan K, Cahn B, Pearlman R, Nadir U, Yi M, Aasi S, Albertini J, Carucci J, Schmults C, Waldman A, Maher I, Wysong A, Leitenberger J, Brodland D, Miller C, Alam M. Registries and Research Pertaining to Rare Cutaneous Tumors. Submitted to *Journal of the American Academy of Dermatology*, June 2023.

Mager L, Gardeen S, Carr DR, Shahwan KT. Cemiplimab for the treatment of advanced cutaneous squamous cell carcinoma: appropriate patient selection and perspectives. Submitted to *Clinical, Cosmetic and Investigational Dermatology*, March 2023.

Walker TD, Liao YT, Nikahd M, Hyer M, Shahwan KT, Carr DR. Cutaneous Squamous Cell Carcinoma Outcomes in Solid Organ Transplant Recipients: A Matched Retrospective Cohort Study. Submitted to *Dermatologic Surgery*, March 2023.

Guerra R, Shahwan KT, Nikahd M, Hyer M, Carr DR. Performance of the American Joint Committee on Cancer 8th Edition and Brigham and Women's Hospital Staging Systems for Non-Head and Neck Cutaneous Squamous Cell Carcinoma. Submitted to *JAMA Dermatology*, March 2023.

Sheridan C, O'Connor MC, Sitton B, Bass J, Shahwan KT, Carr DR. Nevus spilus with dermatoheliosis: a histologic mimicker of melanoma in situ at melanoma excision margins. Submitted to *American Journal of Dermatopathology*, March 2023.

Nikahd M, Hyer M, Ruiz ES, Shahwan KT, Carr DR. Survival analyses in cutaneous squamous cell carcinoma: accounting for both competing risks and repeated measures. Submitted to *Journal of the American Academy of Dermatology*, February 2023.

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FACULTY PUBLICATIONS

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Bouni ME, Guerra R, Viveiros MD, Hobayan GP, Carr DR, Shahwan KT. Progression of atypical fibroxanthoma to metastatic pleomorphic dermal sarcoma in a lung transplant recipient. Submitted to International Journal of Dermatology, February 2023.

*This may be a partial list and includes publications from the last quarter of the 2023 fiscal year. If you have recent scholarly activity that you would like to have included in the next newsletter, please contact Danielle at danielle.cellucci@UND.edu.

SAVE THE DATE!

- North Dakota Chapters of American College of Physicians and Society of Hospital Medicine will join the North Dakota Medical Association for the 2023 Annual Meeting on October 5-6, 2023, at Alerus Center in Grand Forks.
- Internal Medicine Grand Rounds will feature guest speaker Dr. Adam Rodman from the Bedside Rounds podcast on September 20, 2023, via Zoom.

RESEARCH AND

SCHOLARLY ACTIVITIES

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.