

Research & Scholarship Day 2026

March 18, 2026

Names in **bold** indicate presenters

Plenary Presentations | Noon - 1:00 pm

From Recovery to Resilience: Community-Driven Data Infrastructure for Housing Stability in Post-Helene Western North Carolina | *Andrea Golden (PODER Emma), Lanier Hagerty (PODER Emma), Ori Baber, PhD* | Data Science

Investigating Best Practice for Screening for Metabolic Associated Liver Disease in the Primary Care Setting | *Dana Cornwell, Johnathan Hong, Al Kopak, PhD, Chelsea Atkins, MPH, Nancy Kubiak* | Internal Medicine

Evaluating Screening Tools for Disordered Eating Tools in Collegiate Athletes | *Jessica Knapp, MD, Al Kopak, PhD, Chelsea Atkins, MS, MPH* | FM - Sports Medicine

Poster Presentations | 4:00 - 6:00 pm

Original Research

Improving the student experience in outpatient rotations through community and team-based care | *Aya Abou-Jaoude, MD, Chad Owens, MD, and Susan Alexander, MD, DipABLM, FAAFP* | Family Medicine-Asheville

Syphilitic hepatitis manifesting as cholestatic liver injury | *Ebraheem AlShatti, MD, Stephanie Call, MD, MSPH* | Internal Medicine

Characterizing pediatric inpatient burden and costs of California (la crosse) encephalitis using the kids' inpatient database (2019 & 2022) | *Chelsea Atkins, MS, MPH (ECU), Brook Alemu, PhD, MPH (WCU), Brian Byrd, PhD, MSPH (WCU), Ross Boyce, MD, MSc (UNC), Stephanie Richards, PhD, MSEH (ECU)* | Program Evaluation and Research

An evaluator framework for ambient AI Scribes in a teaching health center | *Graham Custar, MD, Shannon Jaquess, ChE, SSMBB, Ori Baber, PhD* | Data Science

Patient Risk Stratification Model: Development, validation and implementation for population health | *Amy Russell, MD, Elizabeth Flemming, and Ori Baber, PhD* | Data Science

Modeling Matters: How faculty prescribing shapes graduate OUD care | *Emma Bazemore, Blake Fagan MD, Sarah Fleischer MS, Brendan Crow MD, and Wendy Barr MD* | Family Medicine - Asheville

A review of patients with opioid use disorder on long-acting buprenorphine injectable at a family health center | *Elainna Ng, PharmD Candidate (UNC), Al Kopak, PhD, Sierra Thomas, MA, and Olivia Caron, PharmD, BCACP, CPP* | Pharmacy and Family Medicine

Improved glycemic outcomes with the Omnipod 5 AID system in adults with Type 2 diabetes (T2D) previously using basal without bolus insulin: sub-analysis of the SECURE-T2D study | *Anders L. Carlson, et al.* | Program Evaluation and Research

Expanding access to dignified food support: creating a franchise manual to facilitate replication of a community-based free cafe | *Anu Chaparala, Anusha Dubey, and Lindsay Macchio* | UNC School of Medicine

A phase 2, double-blind, randomized, placebo-controlled study to evaluate the efficacy, safety, tolerability, and pharmacokinetics of ct-868 administered for 16 weeks to overweight and obese adult participants with type 1 diabetes mellitus | *Michelle Chapman RN, Casey Wells PharmD, Stephen Weinrib MD, Deirdre Kaan PharmD, Edward Jauch MD MS MBA, on behalf of the Carmot Research Team* | Program Evaluation and Research

Racial differences in wRVU compensation for pediatric dermatology visits may be driven by laser procedures | *Udeyvir S. Cheema, Beiyu Liu (Duke University SOM), Cynthia Green (Duke University SOM), and Suephy Chen (Duke University SOM)* | Transitional Year

Beginner's recipe for cooking up a nutrition curriculum | Pinyu Chen, MD, Brittany Browning, M.Ed. (Wake Forest University SOM), and Vanessa Baute Penry, MD (Wake Forest University SOM) | Transitional Year

Improving propranolol adherence and tolerability with a generic strawberry flavor | Silvija Milanovic (UFCOM), Bliss Colao, Kelly Gahagan (UFCOM), Caitlin Purvis (UF Dermatology), and Michael Lavery (UF Dermatology) | Transitional Year

Attitudes to rural practice and rural life associated with rural placement after residency: an exploratory study | Julianne Power, PhD, Gwyneth DeHart, MHA, Kylie Agee, MPA, and Bryan Hodge, DO | Program Evaluation and Research

Clinical impact of fluoroscopically guided lumbar punctures in suspected meningitis | Chase Blackburn (WFUSM), Ibrahim Kaouk (WFUSM), Jayraj Jonnalagadda (WFUSM), Warren Sams (WFUSM), MPharm Omar Shaltout (WFUSM), Walter Duy MD, and Kevin Hiatt MD (WFUSM). | Transitional Year

Code Ready: Developing a structured code-training curriculum for internal medicine residency | Elizabeth Hagenmaier, DO, Tonja Schroder, MSN, RN, CPN, and Cindy Boyle, BA | Internal Medicine

A comparative analysis of cadaveric models as training tools for ultrasound guided kidney biopsy | Travis Hall, MD, Tyler Hale, MD (ETSU), Lance Klosterman, MD (ETSU), Timothy Estrada, DO (ETSU), Katrina Taylor, DO (ETSU), and James Denham, MD (ETSU) | Transitional Year

Beyond treatment: Geospatial distribution of recovery housing in Western NC | Nash Hardy, BS, Caitlin Hettich, LCSW, LCAS, Zach White, LCSW, LCAS, Joan Colburn, MLIS, and Ana Cabello De la Garza, MSW, MPH | Population Health

Training amid a natural disaster: Effects on trainee wellbeing | Jonathan Y Hong, MD, Stephanie Ann Call, MD, MSPH, Chelsea Atkins, MS, MPH, and Al Kopak, PhD | Internal Medicine

Impact of shift-length on resident wellbeing in a medium-sized OB/GYN program | Christen L. Jarshaw, MD, Lauren Knowlson, MD, and Katie Aman, BA, MPH | OB/GYN

Associations among biomarkers, cytokines, and ultrasound features of knee osteoarthritis: A cross-sectional analysis in the Johnston County health study | Jasmine Kimber, Carolina Alvarez MS, Virginia B. Kraus MD PhD, Janet L. Huebner MS, Liubov Arbeeva MS, Todd A. Schwartz DrPH, Yvonne M. Golightly PT PhD, Richard Loeser MD, and Amanda E. Nelson MD MSCR RhMSUS | UNC School of Medicine

Building healthy habits together: Evaluating the impact of 7-week healthy living group visits | Bahtya Peterson, DO, Ashley Smith, MD, Elizabeth Strauss, MD, Boone Marois, MD, DipABLM, Chelsea Atkins (East Carolina University), Al Kopak, PhD, AND Lauren Copenhaver | Family Medicine - Asheville

Clinical utility of the National Outcomes Measures Survey (NOMS) to detect depression and anxiety | Julianne Power, PhD and Al Kopak, PhD | Program Evaluation and Research

Resilience in the face of disaster: A qualitative study of a community health center's response to Hurricane Helene | Hannah Reese, MPH, Jackie Domanico, LCSW, Sierra Thomas, MA, Christopher Trent (UNC), and Julianne Power, PhD | Program Evaluation and Research

Evaluating youth and parent/caregiver reports on healthcare transition readiness in Egypt: Validation of the Arabic STARx and STARx-P Questionnaires | Peter Said, MD, Yara Abumohsen, MS (UNC), Pierina Parraga (UNC) Stephen R. Hooper, PhD (UNC), Maria E. Diaz-Gonzalez de Ferris, MD, MPH, PhD (UNC), Afaf ElAdl, MD (Zagazig University), and Guido Filler, MD (Western University) | Transitional Year

Characterization of birth Control Pharmacists in NC | Mollie Scott, PharmD, BCACP, CPP, FASHP, FNCAP, (UNC), Amanda Savage, PharmD, Macary Marciniak, PharmD, BCACP, BCPS, FAPhA, (UNC), and Chris Gosk (UNC) | Pharmacy

Survival and recurrence rates following SBRT or surgery in medically operable stage I NSCLC | Michael C Snider, MD, Joseph K Salama, MD (Duke University School of Medicine), and Matthew Boyer, MD PhD (Duke University School of Medicine) | Transitional Year

Evaluating disparities in preventive primary care among patients prescribed buprenorphine | Cory N. Spencer, MPH (UNC School of Medicine) and Marina MacNamara, MD, MPH | Family Medicine

Frequent and social lunch breaks associated with lower burnout in residents | Gabrielle Teran, MD, Sierra Thomas, MA, and Nicholas Ladd, DO | Psychiatry

OB Emergencies: NeoMate Pediatric Restraint System Project | Anna Windham, MPH, Toryn Stewart, BA, Julianne Power, PHD, and Katyln Moss, BSN, RN | Program Evaluation and Research

Socioeconomic status as a risk factor for late-stage breast cancer in the US | Chandler Young, DO, Lauren Delmastro, MD, and Katie Aman, MPH | Surgery

Quality Improvement

Enterprise data warehousing in federally qualified health centers: A two-year implementation journey | Anna Beaver, and Ori Baber, PhD | Data Science

The 500 Moment: a quality improvement study to reduce postpartum hemorrhage rates with implementation of a novel multimodal obstetric hemorrhage prevention algorithm. | Bre Bolivar, MD and Sarah Tebe MD | OB/GYN

From stigma to standard of care: A QI approach to SUD documentation | Brendan Crow, Kaitlyn Eckert, Betsy Wright, Sara Beth Neal, and Melinda Ramage (BHG) | Family Medicine

Bridging the gap: Advancing patient access to opioid use disorder treatment | Emily Eichhorn, DO, MPH and Rivers Woodward, MD (Blue Ridge Health) | Family Medicine - Hendersonville

Pain management for IUD placement | Elizabeth England, MD, Sophia Salas, MD, and Katie Conklin, RN | OB/GYN

Increasing EHR portal sign-up | Ashley Ho (UNC), Olivia Matthews (UNC), and Ashlyn Gentry (UNC) | UNC School of Medicine

A review of the decreasing screening and intervention rates of interconception care at MAHEC family health center | Cicely Krebill, MD, Emilia Kaslow-Zieve, MD, Anna Fetterolf, MPH (Lancaster General Health), and Rathika Nimalendran, MD | Family Medicine - Asheville

Quality metric discrepancies between English- and Spanish- Speaking patients at an FQHC | Hannah Motes DO, Sierra Thomas MA, Katie Aman MPH, and Sylvia Kauffman MD, MSPH | Family Medicine - Asheville

Ticking Timer? Try the Vitalizer! Decreasing Patient Wait Times in MAHEC Internal Medicine Clinic | Schuyler Livingston, Carson Merenbloom, Sarah Purdy, Nikki Garcia, Anna Beaver, Jay Zhao, Zachary Gratch, and Jessica Dotson | Internal Medicine

Increasing the rate of women attending their postpartum visit: A quality improvement project | Kristen Oyen, RN, BSN, C-EFM, DNP Candidate (WCU) | OB/GYN

Chew and park: A quality improvement initiative to improve intern confidence in prescribing combination nicotine replacement therapy | Kit Sturm and Maddy McKnight | UNC School of Medicine

Improving developmental screening completion for ages 6-24 months | Katlin Dockery, Morgan Greenwood, MD, Stephanie Morgan, Paulin Pagulayan, Melissa Jenkins Soares, MD, Marcia Thacher, MD, and Jan Westphal, MD | Family Medicine - Asheville

Improving monitoring for metabolic risk in adults taking second generation antipsychotic medications at MAHEC psychiatry | Janet Lindsay Ariana Morales, Rose Pike, Emily Snow, Matthew Torres, and Susan Whitley | Psychiatry

Adherence to HIV pre-exposure prophylaxis protocols by FM providers in teaching FQHC | Nicholas Oyarzun and Genevieve Verrastro, MD | Family Medicine - Asheville

Increasing provider awareness and confidence in prescribing connected insulin pens for diabetes management | Casey Wells, PharmD, BCACP, CDCES, and Caroline McKenna, PharmD | Pharmacy

From screening to charting: Enhancing prostate cancer screening & documentation | Hannaneh Mirmozaffari (UNC), Kate Aberman (UNC), Julia Wood (UNC), Ashley Ho (UNC), and Blake Fagan, MD | UNC School Of Medicine

Case Report and Reviews

Cholestatic liver injury among hospitalized patients with syphilis: A propensity-matched study of inpatient outcomes and resource utilization | Ebraheem AlShatti, MD and Hamza Almusabeh, MBBS (WVU) | Internal Medicine

Platypnea-Orthodeoxia syndrome due to a PFO diagnosed via right heart catheterization | Brett Behers, MD, Ben Behers, MD, and Kylie Calderon, MD | Internal Medicine

Comparing standard clinical evaluation & immunoassays in diagnosing of rupture of membranes: A systematic review | Bhaskari Burra, Baillie Bronner, Katie Aman, and Kathryn Davidson | Maternal Fetal Medicine

Childhood-onset Takayasu arteritis in a previously healthy 2-year-old girl | Kylie Calderon, MD and Cynthia Rigsby, MD (Lurie Children's Hospital/Northwestern University Feinberg SOM) | Transitional Year

Kratom Neurotoxicity | Alyssa Colombo, MO and Kevin Hiatt, MD | Transitional Year

Clear lungs, clouded mind: Amoxicillin-clavulanate neurotoxicity | Joshua Goble, MD and Adrian Singson, MD, FACP | Internal Medicine

Pulmonary artery sarcoma: Both an imitator and a nidus of pulmonary embolism | Samuel Gordon, MD, Brent M. Skiver, DO (Messino Cancer Center), David Schuetze, DO, FACP (UNC Health), and Gregg Stashenko, MD, MHS, FCCP (Asheville Pulmonology Associates) | Internal Medicine

Update in internal medicine graduate education: Review of high-quality education research in 2025 | Elizabeth Hagenmaier, DO, Kayleigh Lewis, MD, Stephanie Call, MD, and AAIM Literature Review Team (VCU, Hackensack, and Emory) | Internal Medicine

Dapsone induced agranulocytosis after short-course pneumocystis prophylaxis | Jonathan Hong MD, Eduardo Reyes Bruno, MD, and Sean Warsch, MD | Internal Medicine

COVID-19 encephalitis in a donor kidney recipient | Jonathan Hong, MD and Praveena Mylvaganam, MD | Internal Medicine

A case of opioid-associated amnestic syndrome | Anuj Jailwala, MD and Kevin Hiatt, MD (Wake Forest School of Medicine) | Transitional Year

Air pollution and its effects on sports and exercise: A narrative review of impacts and mitigation strategies | Keifer P. Walsh, DO (NMRTC Quantico); Peyton A. Tharp (Naval Hospital Camp Pendleton), MD; Katherine Kiley, MD; and Michael S. Koehle, MD, PhD (University of British Columbia) | Family Medicine - Asheville

Amiodarone-influenced diffuse alveolar hemorrhage in a patient with interstitial lung disease and recent coronary artery bypass grafting: Diagnosis and treatment of a rare, life-threatening side effect | Alec Knupp, DO and Lydia Chang, MD | Internal Medicine

Spontaneous coronary artery dissection: When less is more: A case report | Kevin Le, DO and Jon McGregor, MD (Mission Hospital) | Internal Medicine

Doc Ock: Conservative management of fusobacterium necrophorum cavitory pneumonia in a young adult | Praveena Mylvaganam, MD, Jonathon Hong, MD, and Luke Habegger, MD | Internal Medicine

When memory fades: Recognizing progressive multifocal leukoencephalopathy after immunotherapy | Nikki Mehta DO and Stephanie Call, MD | Internal Medicine

The new DIEP? A case of daptomycin-induced eosinophilic pericarditis | Sarah B. Purdy, MD, William L. Pomeroy, MD, FACC, and Nancy T. Kubiak, MD, FACP | Internal Medicine

Clutching at beads on a string: atypical presentation of reversible cerebral vasoconstriction syndrome with acute infarction | Praveena Mylvaganam, MD, MaryAnn Reeves, MD, Adrian Singson, MD, FACS, and Taylor Fie, MD, MPH | Internal Medicine

A case of malignancy-induced type B lactic acidosis in a patient with mantle cell lymphoma | Alex Nazzal, DO and Jorgen Madsen, MD | Transitional Year

Late enterococcus faecalis prosthetic valve endocarditis with aortic root abscess during routine cystoscopy | Eduardo Reyes, MD and Anthony Barile, MD | Internal Medicine

A case of typhoidal tularemia complicated by pneumonia and empyema | Robert Tuosto, DO and Danial Gutman, MD | Internal Medicine

Diffuse large b-cell lymphoma masquerading as complete heart block: Case Report | Jas Virk, MD, Michael O'Quinn, MD (HCA), Vinay Thohan, MD (HCA), and Matthew Riesbeck, DO (HCA) | Internal Medicine