

Research & Scholarship Day

Celebrating MAHEC Learner Scholarship

Wednesday, April 10, 2024

Names in **bold** indicate presenters

Plenary Presentations | Noon - 1:00 pm

Vitamins That Matter: Primary Care Physicians are under screening for B12 Deficiency in Type II Diabetes Patients on Metformin | **Boone Marois, MD**, Resident - MAHEC Family Medicine; **Al Kopak, PhD**, **Chelsea Atkins, MS, MPH** - MAHEC Program Evaluation & Research; **Jessica Knapp, DO** - MAHEC Sports Medicine

Improving Hypertension Control Through Bluetooth Home Monitors: A Quality Improvement Study at Blue Ridge Health Funded by The Dogwood Trust | **Isla Neel**, MPH Candidate - UNC Asheville-UNC Gillings Master of Public Health Program; **Andrew Morris, MD**, **MaryShell Zaffino, MD** - Blue Ridge Health

Approaches to Treating Kratom Use Disorder in the Perinatal Population: A Case Comparison of Three Patients in Rural Western North Carolina | **James Hardy, BS** - Davidson Impact Fellow; **Olivia Caron, PharmD, BCACP, CPP**, **Amy Marietta, MD, MPH, FAAFP, FASAM** - MAHEC Project CARA; **Nathan Mullins, MD** - MAHEC Ob/Gyn

Poster Presentations | 5:00 - 7:00 pm

Analysis of Diabetes Control in the Presence of Depression in a Rural Primary Care Clinic | **Haley Fenner**, PharmD candidate; **Amanda Savage, PharmD**; **Stephanie Kiser, RPh**; **Irene Ulrich, PharmD, CPP** - MAHEC Family Health

Assessing the Experiences of Transgender and Nonbinary Patients in an Academic Family Medicine Clinic | **Kaylee Deardorff**, **Chichi Zhu** - UNC School of Medicine students; **Ben Kaplan, MD, MPH**, **Riley Smith, MD** - UNC Family Medicine

Buncombe Bridge to Care: Program Outcomes | **Courtney Coules, MPH**, **Kasey Pike, NCCPSS**, **Carla Frye, CMA, PSS, CADC-R**, **Laurie Sykes, NCCPSS, CHW, CADC-I** - MAHEC Psychiatry; **Tess Friesen** - MAHEC Public Health Integration; **Zach White, LCSW, LCAS, CSI**, **Maddi Spainhour, RN, BSN, CARN**, **Nick Hunter, Carriedelle Fusco, FNP** - MAHEC Family Medicine; **Kayla Rice** - MAHEC CPD

Colorectal Cancer Screening: An Educational Intervention for Primary Care Providers | **Kayleigh Lewis, MD**, **Stephanie Call, MD, MSPH** - MAHEC Internal Medicine; **Al Kopak, PhD**, **Chelsea Atkins, MS, MPH** - MAHEC Program Evaluation & Research

Completion of Iron Carboxymaltose vs Iron Sucrose Regimens for Iron Deficiency Anemia in Pregnant Patients | **Lucey Gavilinski**; **Jason Collier, MD**, Resident - MAHEC Ob/Gyn; **Katherine Grette, MD**, Faculty - MAHEC Ob/Gyn

Development of PainFace Software to Simplify, Standardize, and Scale Up Mouse Grimace Analyses | **Joshua Lopez** with others from various departments and centers at UNC Chapel Hill - **Eric S. McCoy**, **Sang Kyoong Park**, **Rahul P. Patel**, **Dan F. Ryan**, **Bonnie Taylor-Blake**, **Kelly A. Vandena**, **James L. Krantz**, **Wenxin Hu**, **Rosanna L. Garris**, **Magdaly G. Snyder**, **Adam D. Kashlan**, **Sanya Shah**, **Abigail K. Trocinski**, **Samhitha S. Pudipeddi**, **Rami M. Major**, **Hannah O. Bazick**, **Morgan R. Klein**, **Guorong Wu**, **Mark J. Zylka**; **Kitware Inc.** - **Zachary J. Mullen**, **Jacob, J. Nesbitt**; **McGill University, Montreal** - **Lucas V. Lima**, **Susana G. Sotocinal**, **Jean-Sebastien Austin**, **Jeffrey S. Mogil**

Impact of Pre-Clinical Teaching on Medical Students' Attitudes & Interest in Nephrology | **Anameeka Singh**; **Yara Abumohsen**; **Heather Morris, MD**; **Longfei Zhang**; **Quefeng Li, PhD**; **Koyal Jain, MD, MPH**

Continued →

2024 MAHEC Research & Scholarship Day, continued

Impact of the COVID-19 Pandemic on Prenatal Genetic Screening Test Acceptance in Western North Carolina | Anna Phares, DO, Resident, Nafiah S. Enayet, MD, Resident - MAHEC Ob/Gyn; Shelley L. Galvin, MA, Carol C. Coulson, MD, FACOG - MAHEC Ob/Gyn Residency Faculty; Diana Marquez; James Hong; Micha Belden, PhD - MAHEC Program Evaluation & Research (former)

A Medical Student-Run Auditing System for Unintentionally Retained Foreign Object Prevention | Cody Mitchell, BS, with others from various departments, divisions and schools at UNC Chapel Hill - Logan Butler, MD, Kathryn Calloway BS, Ashley Manifold, BA, Jennifer Bissram, MSIS, John Falk, MHA, John Hudson, PhD, RN, NEA-BC, FACHE, Lauren Schiff, MD, Moe Lim, MD, Lukasz Mazur, PhD

Naloxone Access Quality Improvement Initiative Led by Pharmacy Team in a Perinatal Substance Use Clinic in Western North Carolina | Autumn Ward, McKenna Knock, PY4 - UNC Eshelman School of Pharmacy; Olivia Caron, PharmD, BCACP, CPP - MAHEC Project CARA

Patterns of Care and Outcomes in Patients with Pancreatic Cancer Treated with Radiotherapy | Arvind Rajan, MPH; Elizabeth Gleeson, MD, MPH; Veronica Pham, MPH; Karyn A. Goodman, MD, MS

Pharmacist-Led Outpatient-Based Opioid Treatment Clinic within MAHEC Family Medicine | Abby Bechtol, PharmD, Resident, Olivia Caron, PharmD, BCACP, CPP - MAHEC Family Medicine

Qualitative Assessment of Recommendations from an Interprofessional Hormonal Contraception Summit Focused on Increasing Uptake and Impact of Pharmacist-Prescribed Contraception | Mollie Scott, PharmD, BCACP, CPP, FASHP, FNCAP, MAHEC Pharmacotherapy / UNC Eshelman School of Pharmacy; McKenna Knock, PY4, Amanda Savage, PharmD, Macary Marciniak, PharmD, Deborah Sturpe, PharmD - UNC Eshelman School of Pharmacy

Ratio of Cholesterol to Triglycerides within High-density Lipoprotein as a Novel Marker of Risk for Myocardial Infarction | Yuka Koyama, MS3 – UNC School of Medicine; Christy L. Avery; Kristin Young; Sarah H. Koenigsberg; Carolina G. Downie; Meyer L. Michelle; Daniel I. Chasman; Kathryn M. Rexrode; Kari E. North; Ming Ding

Retrospective Chart Review of Antipsychotic Prescribing Patterns at MAHEC and a Proposed Intervention to Reduce Racial Disparities in Care | Emily Kulpa, DO, Resident - MAHEC Psychiatry Program; Micha Belden, PhD - MAHEC Program Evaluation & Research (former); Stephen Buie, MD - MAHEC Department of Psychiatry

Review of Non-Traditional Buprenorphine Inductions in a Family Medicine Practice in Western North Carolina | Emili Anderson, PharmD Candidate - UNC Eshelman School of Pharmacy; Olivia Caron, PharmD, BCACP, CPP, Andy Warren, PharmD - MAHEC Family Medicine

A Scoping Review of Individual Outbreaks of Nosocomial Norovirus Infections Between 2012-2022 | Zachariah Stern - UNC School of Medicine, University of Minnesota School of Public Health

Screening for Postpartum Depression in Patients at a Perinatal Substance Use Clinic in Western North Carolina | Brooke Jordan-Brown, PY4, Stephanie Kiser, RPh, Amanda Savage, PharmD - UNC Eshelman School of Pharmacy; Amy Marietta, MD, MPH, FAAFP, FASAM - MAHEC Project CARA; Abby Bechtol, PharmD, Resident, MAHEC Pharmacotherapy; Olivia Caron, PharmD, BCACP, CPP - MAHEC Family Medicine

Towards Equitable Care Access: Policy Recommendations for the Future of AI-Enhanced Mapping in Western North Carolina | Moriah Barker, MPH Student; Ana Cabello-De La Garza, MSW, MPH, Bryan Hodge, DO - MAHEC Community and Public Health; Joan Colburn, MLIS - MAHEC Library Science (retired)

When Injuries Play Dirty: Right Shoulder Pain in a 14-year-old Dirt Biker | Anastasia Weinberg, MD, Resident - MAHEC Family Medicine; Brian Atkinson, MD - MAHEC Sports Medicine; Ole Raustol, MD - Mission Children's Specialists – Orthopaedics