The symposium is a showcase of initiatives happening throughout East Carolina University’s Health Sciences Campus and Vidant Medical Center/Vidant Health related to quality improvement, patient safety, population health, and interprofessional practice. The goal of the symposium is to provide academic and community physicians, health professionals, health care teams, residents, fellows, and students the opportunity to present their work in systems improvement and practice redesign to an audience of peers and health system leaders.

REGISTRATION

Registration is online only at [https://www.easternahec.net/courses-and-events/63253](https://www.easternahec.net/courses-and-events/63253) and requires a current MyAHEC account. If you do not have a MyAHEC account, you will need to create one at [https://my.ncahec.net/login.php](https://my.ncahec.net/login.php). There is no fee for registration.

SYMPOSIUM OBJECTIVES

At the end of this symposium, participants will be able to:
1. Explain the quality improvement process as illustrated through inpatient, acute care, ambulatory practice and interprofessional improvement projects.
2. Describe how the quality improvement process can impact clinical care and system’s based practice.
3. Provide a platform for participants to describe how they would change rules, habits, policies, or procedures to improve care delivery.

AGENDA

7:45-8:00  Login and Troubleshoot
          Zoom

8:00-8:15  Welcome and Overview
          Timothy Reeder, MD, Associate Professor of Emergency Medicine

8:15-9:25  Podium Session
          Bridging Communities and Primary Care: Addressing Unmet Social Health Needs via Process Improvement
          Lisa Hager, MBA, ECU Family Medicine-Research Division, Erika Taylor, MS, LMFT, Hannah M. Barnett, MPH, Megan Thomas BSN, RN, Judy Wade, BSN, RN, Kathryn Clary, M4, Brody School of Medicine, Caroline Porter-Miller, Department of Health Psychology, Kayla Neal, BSN, College of Nursing, Kaitlyn Vinson, M4, Brody School of Medicine, Rachel Roeth, MHA, Vidant Health, Megan Freeze, M3, Research Scholar, Brody School of Medicine

          Screening for Depression and Anxiety in Adolescents with Chronic Medical Conditions Cared for at the ECU Physicians Pediatric Specialty Clinic
          Jennifer Sutter, MD, Division Chief ECU Pediatric Endocrinology, Co-Pediatric Outpatient Medical Director, Rhonda Strickland, BSN, RN, Nurse Manager, Pediatric Specialty Care Clinic, Crystal Garman, MSW, LCSW, Pediatric Specialty Care Clinic and Emily Downs, M2, LINC Scholar, Brody School of Medicine
Survey, Education, and Vaccine Consent Alterations: Improving Hepatitis B Vaccination Timeliness for Very Low Birth Weight Infants in the NICU
Arjun Patel, M4, LINC Scholar, Brody School of Medicine and Ryan Moore, MD, ECU Department of Pediatrics

Medical Intensive Care Unit Throughput: Optimizing the ED to ICU Transfer Process
Jennifer Stahl, MD, ECU Department of Emergency Medicine, Melanie Porter, Vidant Medical Center, Transfer Center, Christel Molnar, M3, LINC Scholar, Brody School of Medicine and Wendy Lutgens, Vidant Medical Center

Improving accessibility of long acting reversible contraceptives in eastern North Carolina
Amber Gautam, MPH, M4, LINC Scholar, Brody School of Medicine, Anita Gandhi, M3, LINC Scholar, Brody School of Medicine and James deVente, MD, PhD, ECU Department of Obstetrics & Gynecology

9:25-9:35 Break

9:35-10:20 Quick Shot Podium Session

Culture Shock: Bundling a Culture of Compliance
Melissa Reason, RN, Christine Smith, MSN, RN, OCN, Erin Williams, MSN, RN, OCN, Vickie Downing, MSN, RN, OCN and Chelsea Passwater, MSN, RN, AGCNS-BC, OCN, Medical Oncology/Vidant Medical Center

SWARM: A Regional Health System’s Intervention Approach to Addressing COVID-19 Outbreaks in Nursing and Adult Care Homes in Rural Eastern North Carolina
Pamela Cowin, PhD, RN, Vidant Health, Todd Hickey, Vidant Health, Bennett Wall, Vidant Health, Jeffrey Shovel, Vidant Health, Michael Waldrum, MD, MSc, MBA, Vidant Health, Debra Thompson, Vidant Health and Gregory D. Kearney, DrPh, MPH, ECU Department of Public Health

Improving Follow Up of Anemia Screening Laboratory Results at Pediatrics Visit
Yingying Zheng, MD, Bianca Rad, DO, Nicole Stephenson, MD, Luisa Fernanda Bonilla Hernandez, MD, Kyle Pipkin, DO, Nicholas Preziosi, MD, Tamima Hossain, DO, Jennifer Crotty, MD and Amanda Higginson, MD, ECU Department of Pediatrics

Initial Impact of a Palliative Care Program in a Community Hospital
Sherrill Beaman, RHIA, CPHQ, MPH and Vicki McLawhorn, DNP, RN, FNP-BC, Vidant Edgecombe Hospital

Improving Pediatric Asthma Management by Utilizing a Scoring System and Care Pathway
Julie Brown, M4, LINC Scholar, Brody School of Medicine and Kathleen Bryant, MD, ECU Department of Emergency Medicine

InHouse Call: Streamlining Communication to Optimize Efficiency and Patient Care in a Hospital
George Schilling, DO and Leonardo Villarosa, MD, ECU Department of Physical Medicine & Rehabilitation
Optimizing Telehealth for Greenville Community Shelter Clinic operations during the Covid-19 Pandemic
Grant O’Brien, M2, LINC Scholar, Brody School of Medicine, Anna Beth Robertson, M2, Service-Learning Scholar, Brody School of Medicine, Jessica Barbee, LCSW, Access East, David Collier, MD, ECU Department of Pediatrics, Ryan Moore, MD, ECU Department of Pediatrics and Shantell Cheek, RN, MAEd, Access East

10:20-10:30  Break
10:30-11:15  Poster Session
Session presenters listed below
11:15-11:25  Break
11:25-12:00  Works in Progress Poster Session
Session presenters listed below
12:00-12:30  Awards and Lunch Break
Podium, Quick Shot Podium, and Poster Session awards will be announced at the beginning of the session
12:30-2:30  Concurrent Education Sessions
I. Leading Change
Presenter: Robin R. Hemphill, MD, MPH, Chief of Staff, Cincinnati Veterans Affairs Health System
This session will discuss why change is hard, identify leadership skills that may help manage your team, and explore tools to help create change in your organization.

II. By What Method? - How Understanding Variation Transforms Performance
Presenters: David Williams, PhD, Senior Improvement Advisor, Institute for Healthcare Improvement
In the early 20th century, the application of statistical thinking to understanding and improving systems transformed our sense of quality and continually improve results. Data can serve as both a diagnostic tool and vital signs to guide us to figure out what needs fixing, learn as we use scientific problem solving, and confirm when our changes lead to improvement. Data helps us appreciate how and where to act and then provides guidance as we improve. In this session, join senior improvement advisor David M. Williams, Ph.D. and discover a practical and tactical approach to applying data for learning and improvement to anything.

2:30  Adjourn
**Non-Narcotic Pain Management Protocol in Thoracoscopic Lobectomy Patients Significantly Decreases Use of and Exposure to Opioids While Improving Overall Pain Control**
Tamara Goda, DNP, Vidant Medical Center/BSOM Division of Thoracic and Foregut Surgery, James Speicher, MD, ECU Thoracic Surgery, Tyler Chanas, PharmD, VMC Pharmacy, Mark Iannettoni, MD, ECU Thoracic Surgery, Carlos Anciano, MD, ECU Thoracic Surgery, Aundrea Oliver, MD, ECU Thoracic Surgery, Kathryn Smith, FNP, VMG Thoracic Surgery, Robert Allman, MD, ECU General Surgery, Austin Rodgers, MD, ECU General Surgery, Isabelle Clark, MD, ECU General Surgery, Melissa Laughinghouse, RN, ECU Thoracic Surgery, Jade Ormond, RN, VMC Nursing CVIU

**Assessing the Population Risk for Breast Cancer in Eastern North Carolina: A Pilot Program at The Outer Banks Hospital**
Charles Shelton, MD, Radiation Oncology/The Outer Banks Hospital, Bryan Jordan, MD, ECU and Eastern Radiology, Brian Kuszyk, MD, Eastern Radiology and Antonio Ruiz, MD, The Outer Banks General Surgery/Chesapeake Regional Medical Center

**Making Lifestyle Risk Modification an Integral Part of Survivorship: A QI project and Call for a Randomized Trial**
Christina Bowen, MD, Department of Wellness and Lifestyle Medicine, The Outer Banks Hospital, Charles H. Shelton, MD, The Outer Banks Hospital Cancer Chair, William C. Guenther, MD, The Outer Banks Hospital Medical Oncology and Jennifer Cox, NP, Oncology The Outer Banks Hospital

"Is my mic on?": Improving engagement for residents during remote didactics
Paige Driver, MD, LINC Scholar Alumni C/O 2018, Department of Family Medicine- Atrium Health, Austin Bush, MD, Jennifer Okpala, MD and Gunnar Key, DO, Atrium Health

**ENC COVID-19 Surveillance and Community Mapping Project**
Greg Kearney, DrPH, MPH, ECU Department of Public Health, Bennett Wall, Vidant Medical Center, Yoo Min Park, PhD, ECU Department of Geography, Planning, & Environment, Todd Hickey, Vidant Medical Center, Katherine Jones, ECU Department of Public Health, Ray Hylock, PhD, Department of Health Services & Information Management, Rob Howard, ECU Department of Geography, Planning, & Environment, Maria Clay, PhD, ECU Department of Bioethics and Interdisciplinary Studies, John “Jay” Fallon, MD, PhD, ECU Department of Pathology & Laboratory Medicine and Vidant Medical Center and Peter Schmidt, PhD, Brody School of Medicine

**Improving Diabetic Foot Exam Rates for Medicare Patients**
Kyle Luke, BS/BA, M4, LINC Scholar, Brody School of Medicine and Shiv Patil, MD, ECU Department of Family Medicine

**Development and Institution of a Virtual Platform for the Physiology Camp**
Holly Ingram, MPH, M3, Service-Learning Scholar, Brody School of Medicine, Department of Public Health, East Carolina University, Jahnavi Meka, Drexel University College of Medicine, Karen Macia, Puja Patel, Public Health and Nutrition/Dietetics, East Carolina University, Obeth Bahena Gutierrez, M3, Brody School of Medicine, Lauren Moore, M2, Service-Learning Scholar, Brody School of Medicine and Stephanie Wilcher, M3, Service-Learning Scholar, Brody School of Medicine, Department of Public Health, East Carolina University
Validation of the NSQIP Pediatric Surgery Risk Assessment Calculator Estimates with Surgical Outcomes for a Rural Population
Garrett A. Berk, BS, M3, LINC Scholar, Brody School of Medicine, Lauren Geisel, MD, Service-Learning Scholar Alumni C/O 2020, Orlando Health, William D. Irish, PhD, MSc, ECU Department of Surgery, Leslie Hopper, MD, UC Davis Medical Center, Lauraine E. Etheridge, Vidant Medical Center, Elaine Henry, MSN, RNC-NIC, Vidant Medical Center, Shannon W. Longshore, MD, Vidant Medical Center, David A. Rodeberg, MD, ECU Department of Surgery, Vidant Medical Center and Danielle S. Walsh, MD, ECU Department of Surgery, Vidant Medical Center

Standardizing care of Cesarean Section Patients Using a Quality Bundle
Elaine Henry, MSN, RNC-NIC, Women’s Division at Vidant Medical Center, James deVente, MD, PhD, ECU Department of Obstetrics & Gynecology and Tulsi Patel, M3, LINC Scholar, Brody School of Medicine

Improving CPAP Before Endotracheal Intubation in VLBW Infants
Kelly Bear, DO, ECU Department of Pediatrics, Amy Williford, NNP-BC, Vidant Medical Center and Allyson Yelverton, BSN, CCRN, Vidant Medical Center

Standardized Resident Physician Transitions of Care in the Emergency Department
Greyson Vann, M4, LINC Scholar, Brody School of Medicine and Jennifer Bennett, MD, ECU Department of Emergency Medicine

Improving Communication of Lab Results to Patients at an Outpatient Pediatric Obesity Clinic
Sanjana Prabhu, M4, LINC Scholar, Brody School of Medicine, Suzanne Lazorick, MD, MPH, FAAP, ECU Department of Pediatrics, David N. Collier, MD, PhD, FAAP, ECU Department of Pediatrics, Gloria Randolph, CMA, ECU Department of Pediatrics and Natalie Taft, MSN, LDN, ECU Department of Pediatrics

WORKS IN PROGRESS POSTER PRESENTATIONS

Non-Candidacy for Kidney Transplant: An Experience from Rural Eastern North Carolina
Samuel Dadzie, MD, Geetha Samuel, MD, Rashed Alfarra, MD, Debargha Basuli, MD and Hsiao Lai, MD, ECU Nephrology

Best Practice Discharge for Patients Post Percutaneous Coronary Intervention (PCI): Implementation of Creative Solutions to Ensure that Best Practice Discharge Care Happens Consistently
Jessica Decker, MBA, BSN, RN-BC, Cardiac Outpatient Unit/Cardiac Cath Lab – Vidant Medical Center, Adeel Siddiqui, MD, Interventional Cardiology Fellow, Rony Shammas, MD, FACC, FSCAI, FASNC, FASE, Quality Medical Director, Martha Martin, BSN, RN-BC, Staff Nurse COU, Kaitlyn Swindell, BSN, RN-BC, ANM COU and Jennifer Kravitz, ADN, RN, Staff Nurse COU

Rehab Airway Management Rounds: An Interdisciplinary Collaboration for Improving Trach Patient Outcomes in the COVID Era
Julie Gaven, MS, CCC-SLP, Vidant-Rehabilitation Center, Kenneth Stephens, RCP, BSRT, Latasha Williams, MSN, RN, CRRN, Vidant Medical Center

Improving ED Sepsis Identification and Time to Treatment Initiation
Tyler Powell, M4, LINC Scholar, Brody School of Medicine, Amy Campbell, PhD, RN, Quality Nurse Specialist, Vidant Medical Center and John Kohler, Sr, MD, MBA, Senior Medical Director for Quality, Vidant Medical Center and Clinical Assistance Professor, ECU Department of Pediatrics
Improving Completion and Documentation of Diabetic Foot Exams: A Quality Improvement Project at ECU Family Medicine
Elizabeth Cochran, BA, M4, Service-Learning Scholar, Brody School of Medicine, William Pinson, ECU Department of Physician Assistant Studies and Chris Driessen, ECU Department of Human Development and Family Science

Implementation of 2020 ADA Recommendations for the Initial Management of Overweight and Obese Pediatric Patients with New Onset Diabetes
Atima Huria, M3, LINC Scholar, Brody School of Medicine, Jennifer A. Sutter, MD, Division Chief, ECU Pediatric Endocrinology, Kaitlin Hamilton, PA-C, ECU Pediatric Endocrinology and Mindy Saenz, RDN, LDN, CDCES, ECU Pediatric Specialty Care

Improving Management of Type II Diabetes by Assessing Barriers to SuperSNAP Program Utilization in Patients with Poorly Controlled Diabetes: A Quality Improvement Project at the Roanoke Chowan Community Center
Katri Thiele, BS, M4, Brody School of Medicine, Courtney Sheets, ECU Physician Assistant Program, Marissa Bare Burchette, M4, Brody School of Medicine and Zachary Force, ECU Clinical Health Psychology Doctorate Program

The Use of High Flow Nasal Cannula Outside of the Pediatric Intensive Care Unit: Modified Policy December 2019
Judith Ugale-Wilson, MD, Vidant Medical Center, Michael Dunkerly, BSN, Vidant Medical Center, Frederick Stine, DO, MHA, ECU Department of Pediatrics, Dmitry Tumin, PhD, ECU Department of Pediatrics and Camille Bauer, MS, M3, LINC Scholar, Brody School of Medicine

Increasing Colorectal Cancer Screening Rates: A Quality Improvement Project at Vidant Multispecialty Clinic-Tarboro
Hannah Conley, M4, Service-Learning Scholar, Brody School of Medicine, Kelsey Booth, ECU College of Nursing, Paula Reyes, ECU Physician Assistant Studies and Alexander J. Capiaghi, ECU Department of Psychology

Establishing a Dental Home in a Timely Manner: Improving the Referral Process of Patients from Pediatric Primary Care to Dental Care
Veronica Lavelle, M3, LINC Scholar, Brody School of Medicine, Linda-Brenda Wansi, ECU School of Dental Medicine, Christopher Cotterill, DMD, ECU School of Dental Medicine, Michael D. Webb, DDS, MEd, ECU School of Dental Medicine, Dmitry Tumin, PhD, ECU Department of Pediatrics and Amanda Higgenson, MD, ECU Department of Pediatrics

Geriatric Health Disparity Screening: A Quality Improvement Project at ECU Family Medicine
Zachary Pruitt, M4, Research Scholar, Brody School of Medicine, Sarah Bankhead, Physician Assistant Studies, Lauren Conder, Clinical Psychology and Kelsi Wilson, Marriage and Family Therapy

REGISTRATION
This free event is open to the public, online registration is required. https://www.easternahec.net/courses-and-events/63253
Registration is online only at www.easternahec.net and requires a current MyAHEC account. If you do not have a MyAHEC account, you will need to create one at https://my.ncahec.net/login.php.
If you have any questions regarding registration, please contact Angie Campbell at mcathura@ecu.edu or 744-5208.

**ACCREDITATION:**
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Brody School of Medicine at East Carolina University and Vidant Medical Center Quality Office. The Brody School of Medicine at East Carolina University is accredited by the ACCME to provide continuing medical education for physicians.

**Credit:** The Brody School of Medicine at East Carolina University designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Other Professionals:**
Eastern AHEC Contact Hours: Certificates will reflect 5.5 contact hours

AAPA accepts certificate of participation for educational activities certified for AMA PRA Category 1 Credit(s)™ from organizations accredited by ACCME or a recognized state medical society. Physician Assistants may receive a maximum of 5.5 hours of Category 1 credit for completing this program.

ANCC and the North Carolina Board of Nursing accepts AMA PRA Category 1 Credits™ from the organizations accredited by the Accreditation Council for Continuing Medical Education (ACCME).

**ADDITIONAL INFORMATION**
Handouts will be available online only. One week prior to the program, registrants will receive a confirmation email with instructions to access handouts along with other program information.

Evaluations will be emailed after the program. Once the evaluation has been completed, your certificate will be available.

Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the Department of Disability Support Services at (252) 737-1016 (V/TTY) at least five business days prior to the program.

By attending this event, I acknowledge that Eastern AHEC staff and/or their designees including news media may take general (not close-up) photos or videos of this event for marketing/publicity purposes, and I further allow my likeness to be used in this manner. If I do not wish to appear in these photos or videos, I understand that it is my responsibility to notify Eastern AHEC staff so my preference can be met.

For more information or to view the slides and posters presentations visit [https://medicine.ecu.edu/medicaleducation/reach-qi-symposium/](https://medicine.ecu.edu/medicaleducation/reach-qi-symposium/) or scan the QR code.