



8th Annual ECU Health Quality Improvement Symposium

Eastern AHEC and Virtual Live Webinar

January 31, 2024

The symposium is a showcase of initiatives happening throughout East Carolina University's[®] Health Sciences Campus and ECU 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

Advanced registration is required. Registration will close at noon the day before the program on Tuesday January 30th. Registration is online only at <https://www.easternahec.net/courses-and-events/71058> and requires a current MyAHEC account. If you do not have a MyAHEC account, you will create one during the registration process. There is no fee for registration. If you have any questions regarding registration, please contact BSOM CME at cme@ecu.edu.

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

- 8:00-8:30 **Check-in at Eastern AHEC for in-person attendees – or – Sign-in to Zoom for virtual attendees**
Eastern AHEC Lobby
Coffee and light refreshments provided
- 8:30-8:40 **Welcome and Opening Remarks**
Conference Room A & B
- Jennifer Sutter, MD, Clinical Professor, Pediatric Endocrinology
- Michael Waldrum, MD, MSc, MBA, Dean, Brody School of Medicine, CEO, ECU Health
- 8:40-9:45 **Podium Session— IN-PERSON & VIRTUAL LIVE WEBINAR**
Conference Room A & B
Moderator: Teresa Anderson, PhD, RN, NE-BC, Senior Vice President of Quality, ECU Health

Identifying Families with Food Insecurities During Well Child Visits at the Adult and Pediatric Health Care Clinic in Rural North Carolina

Hannah Spiker, DO, MPH, Department of Internal Medicine/Pediatrics, Brody School of Medicine, East Carolina University

Improving the Care of Infants with Neonatal Opioid Withdrawal Syndrome

Jessica Scheller, MSN, RNC-NIC, ACCNS-N, Pediatric Administration, ECU Health

Improving Mental Health Access for Children in Foster Care in Eastern North Carolina

Benjamin Copeland, MD, Department of Pediatrics, Brody School of Medicine, East Carolina University

Right Care at the Right Location: Tele ICU Project

Jennifer Stahl, MD, Department of Emergency Medicine, Brody School of Medicine, East Carolina University

Impact of Hospital-Wide Prevention and Reduction of Clostridium difficile, an ECUH North's multidisciplinary collaborative on reduction in Hospital Acquired Infection (HAI)

Aparesh Balla, MPH, Department of Quality – Infection Prevention, ECU Health

Increasing Counseling about the Risk of Hypoglycemia associated with Alcohol Consumption and Insulin Use for Adolescent Patients with Diabetes at the ECU Health Pediatric Diabetes Clinic

Erin Atwood, MD, MEd, Department of Pediatrics, Division of Endocrinology, Brody School of Medicine, East Carolina University

9:45-9:55

Break

9:55-11:15

Quick Shot Podium Session—IN-PERSON & VIRTUAL LIVE WEBINAR

Conference Room A & B

Moderator: Timothy Reeder, MD, MPH, Associate Professor, Emergency Medicine

Improving Radiation Stewardship by Decreasing CT Utilization for Pediatric Appendectomies

Elaine Henry, MSN, RNC-NIC, Maynard Children's Hospital, ECU Health Medical Center

Improving the Safety of Children Receiving Chemotherapy

Victoria Greco, MSN, RN, Pediatric Day Unit, Maynard Children's Hospital, ECU Health Medical Center

Reducing Unplanned Extubations in the Neonatal Intensive Care Unit

Juan Guillen-Hernandez, MD, Department of Pediatrics, Brody School of Medicine, East Carolina University

Back to the Basics: Hand Hygiene

Katie Knowles, MSN, RN, CNL, Management, ECU Health Medical Center - Duplin

Development of a Molecular Service for Precision Oncologic Treatment for Underserved Cancer Patients in Rural Eastern North Carolina

Daniela Chala Garcia, MS, MS3, Brody School of Medicine, East Carolina University

The War on HAIs

Tilak Kalaria, MD, Hospitalist and Administrative Fellow, ECU Health Medical Center

Improving documentation of Pediatric Early Warning Score (PEWS) in the Electronic Health record (EHR)

Titilola Babatunde, BS, MS4, LINC Scholar, Brody School of Medicine, East Carolina University

Improving Efficiency and Staff Satisfaction in the Operating Room Through a Revised Block Scheduling Framework at a Rural Community Hospital

Juli Forbes, MSN, RN, ECU Health Medical Center - Beaufort

The "I Gave Birth" Medical Alert Bracelet in the Fourth Trimester

Jessica Noble, MSN-NE, RNC-EFM, Perinatal Outreach, ECU Health Medical Center

11:15-12:15

Poster Session IN-PERSON ONLY

Session presenters listed below

*Further opportunity for symposium attendees to view the quality improvement work that is being conducted throughout ECU's Health Science Campus and ECU Health System. We encourage you to visit with the poster presenters and engage in learning about their projects. *****No CME credit for this session******

12:15-1:00

Lunch and Networking

Conference Room A & B

1:00-1:15

Awards and Closing Remarks IN-PERSON & VIRTUAL LIVE WEBINAR

Conference Room A & B

Moderator: Lou Reida, MSN, RN, CPHQ, Vice President of Quality, ECU Health
Podium, Quick Shot Podium, and Poster Session awards announced

*******No CME credit for this session*******

1:15-1:30

BREAK

1:30-3:30

Concurrent Education Sessions

I. Patient Safety, Reliability Science, and Root Cause Analysis Application IN-PERSON ONLY

Presenter: Susan Ingram, MSN, RN CPHQ, Director of Patient Safety, ECU Health

Participants will engage in a discussion of high reliability science principles and apply proven methods for Root Cause Analysis (RCA) identification in a simulated RCA activity.

II. Fostering Psychological Safety for Team and Quality Outcomes IN-PERSON & VIRTUAL LIVE WEBINAR

Presenter: Randy Cobb, DSL, ACC, CPCC, Director of Organization and Leadership Development, ECU Health

Psychological Safety is an initial building block in high reliability organizations. Participants in this session identify behaviors and build personalized action plans relative to the four stages of building psychological safety. They are poised to create belonging and inclusion for others, increased learning agility and safety reporting, highly engaged and collaborative teams, and empowered team members who drive for innovation.

3:30

Adjourn

POSTER PRESENTATIONS

Postpartum Depression Screening: Are We Doing Enough? A Quality Improvement Project

Cady Hansen, MD, Department of Pediatrics, Brody School of Medicine, East Carolina University

Central Line Dressing Team

Jamie Hall, MSN, RN, CIC, Infection Prevention, ECU Health Medical Center

Pet Therapy and Resilience

Patty Jordan, MSN, RN, NE-BC, ECU Health Medical Center

Improving Infant and Child Outcomes in Eastern NC With Free Community CPR And Choking Classes

Andrew Cunningham, MS2, Brody School of Medicine, East Carolina University

The Impact of Using a Health Systems Sciences Signposting on Student Health Systems Sciences (HSS) Knowledge During the Preclinical and Clinical Medical Education Curriculum

Ashish Khanchandani, MS, MS4, Brody School of Medicine, East Carolina University

Implementation Of Daily Huddle Improves Transitions and Patient Safety on a Busy Academic Regional Anesthesiology Service

Ashley Moore, MS, MS3, Brody School of Medicine, East Carolina University

Improving fall risk identification in pediatric patients

Stephanie Smith, MSN, RN, ACM-RN, Maynard Children's Hospital, ECU Health Medical Center

Promoting Radiology Integration through Medical Education (PRIME): Improving Student Competency at an Early Stage

Taha Lodhi, MS3, LINC Scholar, Brody School of Medicine, East Carolina University

Advancing Nursing Practice and Excellence: Co-Designing the Future of Nursing

Maria Yen, MSc, ECU Health Medical Center

Integrating interprofessional education into an advanced practice nursing curriculum

Julie Linder, DNP, APRN, ACCNS-AG, CCRN-K, College of Nursing, East Carolina University

Improving Sick Visit Clinic Access at ECU Health Physicians Adult and Pediatric Health Care

Gabriella Boccia, MHA, Administrative Fellow, ECU Health

Optimizing outcomes for patients with first trimester bleeding

John "JC" Rowe IV, MD, Department of Obstetrics and Gynecology, Brody School of Medicine, East Carolina University

Wiping CAUTIs Away With CHG

Latasha Williams, MSN, AGCNS, NE, CRRN, Inpatient Rehabilitation Services, ECU Health Medical Center

Implementation of Molecular Pathology Consultations as Part of a Molecular Pathology Service in a Rural Health System

Insha Pun, Department of Pathology and Laboratory Medicine, Brody School of Medicine, East Carolina University

Using a treatment summary template to improve the completion rate of oncology treatment summaries in the ECU Pediatric Oncology Survivorship Clinic

Andrea Whitfield, DO, Division of Hematology/Oncology, Department of Pediatrics, Brody School of Medicine, East Carolina University

Treating and Preventing Breast Cancer Using an Automated Screening Tool as Part of Risk Assessment: A Model of Academic-Community Collaboration to Address Rural Disparities

Mason Martin, MS2, Brody School of Medicine, East Carolina University

Standardizing Skill Development Discussions with Adolescents with Diabetes to Improve Transition from Pediatric to Adult Care

Ananya Koripella, BSPH, BA, MS4, LINC Scholar, Brody School of Medicine, East Carolina University

Improving Patient Rounding Techniques through the Implementation of Nurse Led Rounds in the PICU

Jessica Garris, BSN, RN, PICU, ECU Health Medical Center

Enhancing Faculty Well-being Through a Longitudinal Wellness Curriculum: A Pilot Study

Jenna Garris, MA, Office of Medical Education, Brody School of Medicine, East Carolina University

WORKS IN PROGRESS POSTER PRESENTATIONS

Data Analysis of Mental Health Visits for College Students at ECU Student Health Services (SHS)

Briyanna Privott, BSN, RN, College of Nursing, East Carolina University

Decreasing midazolam exposure in premature infant under 32 weeks gestation

Meredith Chanas, Pharm-D, Pharmacy, NICU, ECU Health Medical Center

Right Care at the Right Location: Retrospective review

Miles Farlow, MS3, LINC Scholar, Brody School of Medicine, East Carolina University

Early Initiation of Spinal Cord Injury Education and Follow Up

Anne Serrao, DO, MS, Department of Physical Medicine and Rehabilitation, Brody School of Medicine, East Carolina University

Improving Transition to Adult Care in Children & Youth with Special Health Care Needs

Rishita Yeduri, MS4, LINC Scholar, Brody School of Medicine, East Carolina University

Improving Care for People with Diabetes in ECU APHC through Optimization of Clinic Resources

Nolan Davis, MS4, LINC Scholar, Brody School of Medicine, East Carolina University

ECU College of Nursing and ECU Health Quality Collaboration: Falls

Amy Campbell, PhD, RN, CPHQ, LSSBB, Quality, ECU Health Medical Center

ECU College of Nursing and ECU Health Quality Collaboration: Foley Catheters

Amy Campbell, PhD, RN, CPHQ, LSSBB, Quality, ECU Health Medical Center

Improving Sickle Cell Patient Transition from Pediatric to Adult Care

Jonathan Bowling, MS3, LINC Scholar, Brody School of Medicine, East Carolina University

Ambulatory Care: Proposal for Improving Fall Prevention by Establishing an ECU Family Medicine Equipment Clinic for Evaluation, Education and Training on Assistive Devices for Ambulation

Allison Connelly, MD, PT, Department of Family Medicine, Brody School of Medicine, East Carolina University

TARGET AUDIENCE:

Physicians, professionals, health system leaders, fellows, residents, and students

REGISTRATION INFORMATION:

This free event requires online registration. Registration is online only at

<https://www.easternahec.net/courses-and-events/71058> and requires a current MyAHEC account. If you do not have a MyAHEC account, you will create one during the registration process. Registration will close the day before the program on 1/30/24 at noon. If you have any questions regarding registration, please contact BSOM CME at cme@ecu.edu.

ACCREDITATION:

This live 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 ECU Health Quality Office. The Brody School of Medicine at East Carolina University is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT:

Physicians will receive *AMA PRA Category 1 Credit*[™]. The Brody School of Medicine at East Carolina University designates this live activity for a maximum of 4.25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistants will receive CME for Physician Assistants: 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 4.25 hours of Category 1 credit for completing this program.

All other health care providers will receive Eastern AHEC Contact Hours: 4.25

Certificates will reflect 4.25 contact hours. This live activity is designated for 4.25 *AMA PRA Category 1 Credits*[™].

ADDITIONAL INFORMATION:

NC AHEC Photo Policy:

Attendance at this activity grants permission for Eastern AHEC to use any photographs, audio, video, or other images from this activity for promotional or educational purposes. Please notify an AHEC staff member if you have concerns.

Evaluations & Certificates:

Evaluations will be emailed within 7 business days after the program. Once the evaluation has been completed, your certificate will be available.

Americans with Disabilities Act:

Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the ADA coordinator at least five days prior to the event at 252-737-1018 / ada-coordinator@ecu.edu.

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



CONCURRENT SESSION SPEAKER BIOGRAPHY:



Susan Ingram MSN, RN CPHQ

Susan is the Director of Patient Safety at ECU Health. She has over 25 years in nursing experience in clinical and leadership roles. For more than a decade, Susan has focused on event analysis and how to spread and share learnings from these reviews. Susan has a Master of Science in Nursing from East Carolina University and is a Certified Professional in Healthcare Quality (CPHQ).



Randy Cobb, DSL, ACC, CPCC

Randy Cobb joined ECU Health in 2011 and serves as the Director of Organization and Leadership Development. He is noted for his contribution in strategy design for enterprise leadership development, facilitation in team mobilization and renewal events, and mid-level and executive leadership coaching and development.

Randy earned a Doctorate of Strategic Leadership from Regent University and holds certifications as an Associate Certified Coach with the International Coaching Federation and is a Certified Professional Co-Active Coach with the Co-Active Training Institute. He has also earned certification in Leadership Architect through Korn Ferry International and as a Leadership Development and Succession Strategist with the Human Capital Institute.