



8th Annual Brody Medical Education Day
Wednesday, April 27th, 2022
Brody Commons and Brody Auditorium

Brody Medical Education Day celebrates Scholarship and Innovation in medical and health professions education and offers an excellent opportunity to join a growing community of educators, leaders, scholars, and learners to promote exciting changes in medical education. Poster and podium presentations will provide the opportunity to learn more about ongoing educational activities at the Brody School of Medicine and ECU's Health Sciences Campus.

Registration

Advanced registration is required. Registration will close at noon the day before the program on Tuesday, April 26, 2022. Registration is online only at <https://www.easternahec.net/courses-and-events/66515> and requires a current MyAHEC account. If you do not have a MyAHEC account, you will need to create one at <https://www.easternahec.net/create-account>. There is no fee for registration.

Program Objectives

At the end of this program, participants will be able to:

1. Provide a forum for sharing educational innovations in curriculum and teaching, educational research and leadership related to medical education.
2. Enhance knowledge and understanding of new approaches in medical education across the US.
3. Build a network of faculty, staff and students interested in promoting educational excellence.

Agenda

8:00 – 8:30

Registration

Brody Auditorium Atrium

8:30 – 8:40

Welcome and Opening Remarks

Brody Auditorium

David Gilbert, MD, Interim Associate Dean for Innovation in Medical Education

8:40-9:40

Podium Session I

Brody Auditorium

Moderator: Pamela Hopkins, PhD, ECU School of Communication

8:40-8:52 Identifying Medical Errors: An Interactive and Case-Based Workshop

Matthew Parrish, M4, MET Scholar, Brody School of Medicine, Cassandra Bradby, MD, ECU Department of Emergency Medicine, Jennifer Stahl, MD, ECU Division of Critical Care, Department of Internal Medicine

8:55-9:07 Interprofessional Education (IPE) with Certified Nurse Midwives and Medical Students on the 3rd Year Ob/Gyn Clerkship: A qualitative review of medical student experience

Olivia Campbell, M4, MET Scholar, Brody School of Medicine, Jill Sutton, MD, ECU Department of Obstetrics and Gynecology, Monica Horne, CNM, ECU Department of Obstetrics and Gynecology

9:10-9:22 Utilizing Art as an Educational Tool for Discussing Healthy and Unhealthy Relationships with Adolescents

Supriya Sivanam, M2, Brody School of Medicine, Nupur Jain, M2, LINC Scholar, Brody School of Medicine, Tana Hall, MD, ECU Department of Obstetrics and Gynecology

9:25-9:37 Integration of Pathology Content into a First-Year Medical School Histology Course and its Impact on Student Performance

Mitchell Jester, M4, MET Scholar, Morgan Beamon, M2, MET Scholar, Brady Buchanan, M3, MET Scholar, Brody School of Medicine, Ann Sperry, PhD, ECU Department of Anatomy and Cell Biology, Philip Boyer, PhD, ECU Department of Pathology and Laboratory Medicine

9:40-9:50 **Break**

9:50 – 10:50 **Podium Session II**
Brody Auditorium

Moderator: Pamela Hopkins, PhD, ECU School of Communication

9:50-10:02 Utilization of a student-created, simulation-based curriculum to enhance learning amongst preclinical medical students

Jennifer McMains, M2, RDT Scholar, Michael Larkins, M2, Alexandra Doherty, M2, MET Scholar, Julia Horiates, M2, Kamel Alachraf, M2, Julian Gordon, M2, Brody School of Medicine, James Fletcher, MD, Kori Brewer, PhD, ECU Department of Emergency Medicine

10:05-10:17 Quality Improvement: Incorporating Medical Student Teaching in the Pediatric Clerkship to Increase Subject Proficiency

Denise Elizondo, M4, MET Scholar, Brody School of Medicine, Mary Lenfestey, MD, Dmitry Tumin, PhD, ECU Department of Pediatrics, Jared Barkes, M3, MET Scholar, Brody School of Medicine

10:20-10:32 Artificial Intelligence (AI) Potential to Shorten Learning Time with Computed Tomography (CT) Images for Head and Neck Organs at Risk (OAR)

Michael Larkins, M2, Brody School of Medicine, David Meyer, M3, Brody School of Medicine, Brandon Karimian, M3, Brody School of Medicine, Robert Corns, MD, ECU Department of Radiation Oncology, Andrew Ju, MD, Department Chair, ECU Radiation Oncology

10:35-10:47 Improving Patient Health Literacy via Multimedia Presentations for Prostate, Pancreatic, and Colorectal Cancer Pathology Reports

Ashish Khanchandani, M2, MET Scholar, Brody School of Medicine, Michael Larkins, M2, Brody School of Medicine, Ann Tooley, MD, New Hanover Regional Medical Center, David Meyer, M3, Brody School of Medicine, Sina Kazemzadeh, M3, RDT Scholar, Brody School of Medicine, Vijay Chaudhary, MD, WakeMed Health, John Fallon, PhD, ECU Department of Pathology and Laboratory Medicine

10:50 – 11:50 **Poster Viewing and Lunch**
Brody Commons

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

11:50-12:00 **Break and Transition to Brody Auditorium**

- 12:00-1:00 **Keynote Presentation: The Role of Scholarship in Defining your Journey**
Brody Auditorium
Moderator: Jill Sutton, MD, Clinical Associate Professor, Department of Obstetrics & Gynecology
- Speaker: Helen Morgan, MD, Clinical Professor of Obstetrics and Gynecology and Learning Health Sciences at the University of Michigan Medical School
- Does your journey define your scholarship or does your scholarship define your journey? This presentation will introduce how scholarship and impact can help to clarify medical educator's purpose and battle burnout, as well as ideas for creative dissemination of scholarship in 2022.
- 1:00 – 1:15 **Awards, Evaluation, and Closing Remarks**
Brody Auditorium
Jill Sutton, MD, Clinical Associate Professor, Department of Obstetrics & Gynecology
- 1:30 – 3:00 **Concurrent Educational Sessions**
- I. **Resources, Tips and Hacks for Propelling your Scholarship Over the Finish Line**
Brody 2S-04
Presenter: Helen Morgan, MD, Clinical Professor of Obstetrics and Gynecology and Learning Health Sciences at the University of Michigan Medical School.
This workshop will review published resources and life hacks for helping to translate good ideas into scholarship. Participants should bring ideas and challenges from their own projects at any stage for interactive discussions and work.
 - II. **Shark Tank: Brody Bites Edition**
Brody 2N-86
Moderator: Allison Flowers, MAEd, Director, Office of Faculty Affairs and Leadership Development
Submissions that are designated as Works in Progress (WIP) will be presented in Shark Tank format. Presenters will have five minutes to pitch their research to a panel of three expert judges and an audience of peers from whom they will receive feedback on how best to move the project forward.
- 3:00 Adjourn

Medical Education Day Judges

Jennifer Bennett, MD, Clinical Assistant Professor, Emergency Medicine, Brody School of Medicine

Karlene Cunningham, PhD, Psychiatry and Behavioral Medicine, Brody School of Medicine

Steve Schmidt, PhD, Department of Interdisciplinary Professions, ECU College of Education

Christine Lysaght, PT, DPT, ATP, CSCS, Clinical Assistant Professor, Department of Physical Therapy, ECU College of Allied Health Sciences

David Leaser, MD, MBA, Professor and Chief, Surgical Immunology and Transplantation, Brody School of Medicine

Kelly Whitehurst, MAEd, Program Manager, MAO & GME Education, Vidant Medical Center

Accreditation

The Brody School of Medicine at East Carolina University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit

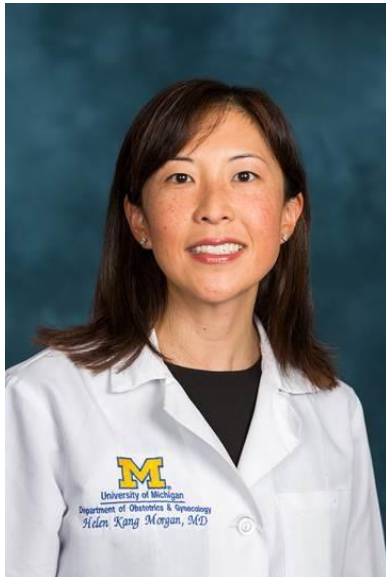
The Brody School of Medicine of East Carolina University designates this live activity for a maximum of 4.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Eastern AHEC Contact Hours:

Certificates will reflect 4.5 contact hours

This live activity is designated for 4.0 *AMA PRA Category 1 Credits*[™].

Speaker Biography



Helen Kang Morgan, MD

Helen Kang Morgan is Clinical Professor of Obstetrics and Gynecology and Learning Health Sciences at the University of Michigan Medical School. She is currently Director of Residency Preparation Courses at Michigan and is a Co-Investigator and Program Evaluation Lead on the \$1.7 million AMA Reimagining Residency Grant for APGO *Right Resident, Right Program, Ready Day One*. She has been a member of the Undergraduate Medical Education Committee since 2016.

POSTER PRESENTATIONS

1st Week on the Wards: The role an introductory OB/GYN podcast can play on student success in the clinical space

Veronica Lavelle, M4, LINC Scholar, Brody School of Medicine, Jill Sutton, MD, ECU Department of Obstetrics and Gynecology

Multipurposing Interesting Clinical Cases to Meet Diverse Medical Student and Resident Physician Research and Educational Skill Sets and Curriculum Vita Needs

Arjun Bhatt, M2, Brody School of Medicine, Breann A. Zeches, MD, Marwan Majeed, MD, ECU Department of Pathology and Laboratory, Patrick M. Dugom, M4, Brody School of Medicine, Felisha M. Davis, MD, ECU Department of Pathology and Laboratory Medicine, Stephen A. Orr, M4, RDT Scholar, Brody School of Medicine, Donald L. Price, MD, ECU Department of Internal Medicine, Mohamed M. Maher, MD, ECU Department of Pathology and Laboratory Medicine, Shivam P. Patel, MD, Internal Medicine, Philip J. Boyer, PhD, ECU Department of Pathology

WE CARE Project-Reducing Socioeconomic Disparities in Health at Pediatric Visits

K'Shylah Whitehurst, M4, SLDT Scholar, Brody School of Medicine, Shaundreal Jamison, MD, Drew Baker, MD, Allison Lemon, MD, Hannah Morris, MA, Clinical Research Coordinator, Amber Davis, LCSW, ECU Department of Pediatrics

Understanding and Manipulating the Components of Multiple Choice Question Writing within the "Higher-Order" Thinking / Bloom's Taxonomy Rubric: A Preliminary Report

Ashish Khanchandani, M3, MET Scholar, Brody School of Medicine, Philip Boyer, PhD, ECU Department of Pathology

Invited Guest Presenters: Medication Education and Teaching Distinction Track Class of 2022 Scholars

Interprofessional Education (IPE) with Certified Nurse Midwives and Medical Students on the 3rd Year Ob/Gyn Clerkship: A qualitative review of medical student experience

Olivia Campbell, M4, MET Scholar, Brody School of Medicine, Jill Sutton, MD, ECU Department of Obstetrics and Gynecology, Monica Horne, CNM, ECU Department of Obstetrics and Gynecology

Incorporating Medical Student Teaching in the Pediatric Clerkship to Increase Subject Proficiency

Denise Elizondo, M4, MET Scholar, Brody School of Medicine, Mary Lenfestey, MD, Dmitry Tumin, PhD, ECU Department of Pediatrics, Jared Barkes, M3, MET Scholar, Brody School of Medicine

Integration of Pathology Content into a First-Year Medical School Histology Course and its Impact on Student Performance

Mitchell Jester, M4, MET Scholar, Brody School of Medicine, Morgan Beamon, M2, MET Scholar, Brody School of Medicine, Brady Buchanan, M3, MET Scholar, Brody School of Medicine, Ann Sperry, PhD, ECU Department of Anatomy and Cell Biology, Philip Boyer, PhD, ECU Department of Pathology

Embracing Attention and Empathy Through Narrative Medicine in the Third Year Family Medicine Clerkship

Emmanuella Mensah, M4, MET Scholar, Brody School of Medicine, Johnstone, Miller, MD, PhD, ECU Department of Family Medicine, Savitt, Todd, PhD, ECU Department of Bioethics and Multidisciplinary Studies

Brody RISE: Evaluation of Program Goals

Keyur Patel, M4, MET Scholar, Brody School of Medicine, Milton Bond, MSA, Director, Brody RISE, ECU Office of Diversity Affairs

Opportunities and barriers to conducting educational quality improvement work: An analysis of medical education journal author guidelines

Amber Priester, M4, MET Scholar, ECU Brody School of Medicine, Dmitry Tumin, PhD, ECU Department of Pediatrics, David Eldridge, MD, ECU Department of Pediatrics

WORKS IN PROGRESS SHARK TANK PRESENTATIONS

3D Printed Model of the Pterygopalatine Fossa

Taha Lodhi, M1, Brody School of Medicine, Simone Montoya, MD, Director of Radiology Education, Vidant Health

Surgical technical video with 3D anatomic modeling integration to aid technical teaching for surgical residents

Robert Allman, MD, ECU Department of Cardiovascular Sciences Division of Thoracic and Foregut Surgery, James E. Speicher, MD, ECU Department of Cardiovascular Sciences – Thoracic Surgery, Austin L. Rogers MD, ECU Department of Surgery, Audrea L. Oliver, MD, Mark D. Iannettoni, MD, Carlos J. Anciano Granadillo, MD, ECU Department of Cardiovascular Sciences – Thoracic Surgery

Transitioning to case-based didactics with the integration of surgical learning videos related to the SCORE curriculum

Robert Allman, MD, ECU Department of Cardiovascular Sciences, Division of Thoracic and Foregut Surgery Nicole Garcia MD, ECU Department of Surgery, Michelle Brownstein, MD, Program Director, ECU Department of Surgery – General Surgery Residency, Maria Altieri, MD, ECU Department of Surgery

Improving Communication in the Intensive Care Unit by Addressing Patient Spiritual Distress Through Physician Training on Religious Practices and Interpretations of Medical Ailments

Nitin Gupta, MD, ECU Department of Pulmonary and Critical Care, Amish Parikh DO, Stanley Oghoghorie, MD, ECU Department of Internal Medicine, Thomas Blair, MD, Vidant Health, Sara Cowles, DO, ECU Department of Internal Medicine, William Leland, MD, Program Director, ECU Department of Internal Medicine

ECU Leadership Training in Special Needs Population Oral Health

Michael Webb, DDS, MEd, ECU School of Dental Medicine, Department of Pediatric Dentistry and Orthodontics and Dentofacial Orthopedics, Mark Moss, DDS, David MacPherson, DDS, Robert Carter, DDS, Ford Grant, DDS, Wanda Wright DDS, ECU School of Dental Medicine

Expanding and Integrating the Diversity Frame: Development of a Comprehensive DEI Psychiatry Curriculum

Karlene Cunningham, PhD, Irma Corral, PhD, MPH, Brandon Kyle, PhD, ECU Department of Psychiatry and Behavioral Medicine

What's in a name? Mapping Health Systems Science Topics in an Established Curriculum.

David Gilbert, MD, Interim Associate Dean, Curricular Innovation in Medical Education, BSOM Office of Medical Education, ECU Department of Family Medicine, Jenna Garris, MA, Executive Director REACH Initiative, BSOM Office of Medical Education, Dr. Jill Sutton, MD, ECU Department of Obstetrics and Gynecology, Eric Ellis, Curriculum Mapping Specialist, BSOM Office of Medical Education, Jessica Day-Brinkley, Medical Education Coordinator, BSOM Office of Medical Education