



**5th Annual Brody Medical Education Day
Brody Auditorium & Brody Commons**

April 10, 2019

AGENDA

- 8:15-2:45 **Registration**
Concurrent Sessions: Brody 2W Suite
General Conference Programming: Brody Commons
- 8:30-10:30 **Concurrent Educational Sessions**
Brody 2W Suite
Session 1: Kendall Campbell, MD and Irma Corral, PhD-Cross-Cultural Mentoring
Session 2: Stephen Charles, PhD- A Stepwise Process to Developing an Educational Research Plan
Session 3: Leigh Patterson, MD-Giving Feedback to Learners
- 9:30-10:30 **Poster Viewing**
Brody Commons
- 10:30-11:30 **Welcome, Overview, and Podium Session I**
Brody Auditorium
Leigh Patterson, MD, MAEd, Associate Dean for Faculty Development, Associate Professor of Emergency Medicine, Brody School of Medicine
Moderator: Pamela Hopkins, PhD, ECU School of Communication
- 10:30 – 10:45 Caitrin Curtis, M3 Student, Medical Education and Teaching Scholar, Brody School of Medicine**
The Educational Impact of a Required, Combined Neurology-Physical Medicine and Rehabilitation Clerkship for Fourth-Year Medical Students: Design, Introduction, and Preliminary Data
- 10:45 – 11:00 Kelsey Evans, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine**
Stop the Bleed: Medical students as instructors of the bleeding control basics course
- 11:00 – 11:15 Andrew Ray, M4 Student, and William McAllister, M3 Student, Brody School of Medicine**
Cardiovascular Pathology Education Optimization and Improvement: A Critical Review of Topics and Teaching Modalities
- 11:15 – 11:30 Elisabeth Lee, BA, Department of Cardiovascular Sciences, Brody School of Medicine**
Evaluating an Online Training Protocol to Improve Cause of Death Reporting in North Carolina
- 11:30-12:30 **Poster Viewing and Lunch**
Brody Commons
- 12:30-1:30 **Keynote**
Brody Auditorium
Someone's Favorite Doctor: Medicine as a Public Good
Catherine Lucey, MD, Executive Vice Dean, Vice Dean for Education, School of Medicine at the University of California, San Francisco

- 1:30-1:45 **Break**
- 1:45-2:45 **Podium Session II**
Brody Auditorium
Moderator: Pamela Hopkins, PhD, ECU School of Communication
- 1:45 – 2:00 Yuxuan Mao, MD, MS, Clinical Assistant Professor, Department of Internal Medicine**
Sim Lab Success: A Novel Interprofessional Curriculum Bridging the Gap Between Didactics and Bedside
- 2:00 – 2:15 Kelly Harrell, PhD, MPT, Teaching Assistant Professor, Department of Anatomy and Cell Biology**
Flipping radiologic anatomy – an assessment of effectiveness in a condensed medical gross anatomy and embryology course
- 2:15 – 2:30 Emily Askew, PhD, Teaching Assistant Professor, Department of Anatomy and Cell Biology**
Student Outcomes In A Summer Pipeline Anatomical Sciences Course As A Predictor Of Performance In Gross Anatomy In A Condensed Medical School Curriculum
- 2:30 – 2:45 William Clark, M3 Student, Brody School of Medicine**
A Wearable Telemedicine Device Feasible for Acute Stroke Assessment: The Neurology Resident Evaluation Using Google Glass (NeuRoEGG) Study
- 2:45-3:15 **Closing Remarks, Awards, and Evaluation**
Brody Auditorium
Luan Lawson, MD, MAEd, Associate Dean for Curricular Innovation in Medical Education, Professor of Emergency Medicine, Brody School of Medicine

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.

Medical Education Day Judges:

Milton Bond, MSA, Director, Brody RISE

Mott P. Blair IV, MD, FAAFP, Vidant Family Medicine, Wallace, NC

Irma Corral, PhD, MPH, Assistant Dean for Diversity and Inclusion, Associate Professor and Director, Division of Behavioral Medicine

Jennifer Hodgson, PhD, Associate Professor, Department of Child Development and Family Relations

Toni Johnson, MD, Clinical Associate Professor, Vice-Chair and Residency Training, Department of Psychiatry and Behavioral Medicine, Brody School of Medicine

Jo Anne Murray, EdD, Director of Faculty Development and Continuing Education, School of Dental Medicine

Annette Peery, EdD, RN, CNE, Associate Dean for Academic Affairs, ECU College of Nursing

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

Jed Smith, MS, Data Analyst, Office of Data Analysis and Strategy

Danielle Walsh, MD, Associate Professor, Pediatric Surgery, Residency Program Director

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

PODIUM PRESENTATIONS

Session One – 10:30 – 11:30

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Session Two – 1:45 – 2:45

1:45 – 2:00 Yuxuan Mao, MD, MS, Clinical Assistant Professor, Department of Internal Medicine

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A Wearable Telemedicine Device Feasible for Acute Stroke Assessment: the Neurology Resident Evaluation Using Google Glass (NeuRoEGG) Study

POSTER PRESENTATIONS

Amanda Baucom, M4 Student, Brody School of Medicine

Let the Good Grades Roll: Optimizing shelf exam performance with a novel peer-led comprehensive review session.

William Brader, M3 Student, Brody School of Medicine

Impact of predefined angles and a revised APPLES mnemonic on simulated ultrasound-guided injections

Laura Canino, BSN, RN III, TCRN, Trauma Surgical Intermediate Unit, Vidant Medical Center

Skin for the Win

Allison Connelly, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Patient Education in the Pre-Clinical Years of Medical School: A Pilot Study

Caitrin Curtis, M3 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Teaching Conflict Resolution Techniques to Fourth-Year Medical Students in a Psychiatry Clerkship using Standardized Professionals – A Pilot Study

Megan Ferderber, MD, CAQSM, Clinical Assistant Professor, Department of Family Medicine

Evaluation of a Brief Musculoskeletal Ultrasound Workshop to Enhance Physical Examination Skills of Third-Year Medical Students

Jacob Jackowski, M3 Student, Medical Education and Teaching Scholar, Brody School of Medicine

In a Mass Casualty Simulation, Medical Students and Nursing Students Report Different Factors Impairing Performance

Joshua Jenkins, M4 Student, Brody School of Medicine

Study Materials for Medical Student Pathology Course Content: New and Digital Resources are In and Traditional Resources are Out

John Kohler Sr., MD, MBA, Clinical Assistant Professor, Department of Pediatrics

A Pilot of an Enhancement to the Patient Safety & Quality Improvement Curriculum for Pediatric Housestaff and Faculty

Brandon Kyle, PhD, Associate Professor, Department of Psychiatry and Behavioral Medicine

Use of Flipped Classroom Sessions to Teach about Difficult Encounters and Psychosocial Orientation in an Undergraduate Psychiatry Course

Donna Lake, PhD, RN, ECU College of Nursing

Building QI Leaders: Validating a Master of Science in Nursing a Stand-Alone Quality Improvement Course (QI) Based on Student Learning Outcomes

Arjun Patel, M3 Student, LINC Scholar, Brody School of Medicine

Ultrasound Sessions are Highly Effective in Teaching Anatomical Structures and Basic Ultrasound Skills to First-Year Medical Students

Andrew Piner, M3 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Interprofessional Triage Emergency Assessment and Management (ITEAM) Day: Advancing interprofessional development through student-led mass casualty simulation experience

Holly Pittard, M3 Student, Service-Learning Scholar, Brody School of Medicine

Physiatry Research Interest & Engagement: A Focus on Increasing Research in the Physiatry Setting Across Brody Medical Students

Nicholas Slattery, M3 Student, Brody School of Medicine

The Effectiveness of In-time Training of EMS Treatment Protocols for High Stress Clinical Simulations

Robert Stanley, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Peer-Directed Small Group Learning in M1 Gross Anatomy: Enhancing Student Learning while Reducing Required Contact Hours

Christopher Thomas, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Examining the Impact of the Hidden Curriculum on First Year Medical Students: A mixed methods sequential explanatory study

Amber Whitmill, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Training Medical Student Facilitators of Peer Assisted Study Sessions Using an Objective Standardized Teaching Exercise

Niki Winters, M3 Student, Brody School of Medicine

Incorporation of Basic Microbiology Concepts in an Organ System-Based Medical Student Curriculum: Longitudinal Exposure to Reinforce High-Yield Topics

Breann Zeches, M3 Student, Research Scholar, Brody School of Medicine

Increasing Awareness of Research Resources for Physical Medicine and Rehabilitation (PM&R) residents via a Blackboard Research Folder

WORKS IN PROGRESS POSTER PRESENTATIONS

Kaitlyn Brobst, M3 Student, Brody School of Medicine

Implementation of Sexual Health and Relationship Education for High Risk Adolescent Females

Shannon Cathey, Leslyn Davis, LaShawn Harvey, Ashley King, Chelsea Lawson, Julie McNamara, Christina Moore, ECU Physical Therapy Students

ECU PT Student Run Clinic Patient No-Show Solution

Hannah Conley, M3 Student, Service-Learning Scholar, Brody School of Medicine

Getting Their Feet Wet- Vaginal Delivery Simulation for Preclinical Medical Students

Drew Corpening, Rachel Dobson, Ariel Griffin, & Emily Harvey, ECU Physical Therapy Students

Decreasing PT Clinic “NO-SHOWS” via Smart Device Application Reminders”

Jennifer Crotty, MD, Associate Professor, Department of Pediatrics

The Family Academy at Carver Library: Involving Pediatric Residents in School Readiness Efforts in Pitt County

Jacob Jackowski, M3 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Recognizing Heart Murmurs: Using Simulation-Based, Self-Directed Learning for USLME Step One Preparation

Spencer Jackson, M3 Student and William McAllister, M3 Student, Brody School of Medicine

Changes in Health Habits of First Year Medical Students Upon Entering Medical School

Richard Jordan, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine

Early Introduction to the Practice of Pathology: A Modular Approach to Pathology Integration in the Medical Student Gross Anatomy Laboratory

Shahzeb Khan, M4 Student, Service-Learning Scholar, Brody School of Medicine

Classification of the “Higher-Order” Thinking / Cognitive / Bloom's Taxonomy Level of Multiple Choice Questions: Establishing a Practical Baseline of Familiarity and Comfort

Debbie Mercer, Department of Physical Medicine and Rehabilitation

Continuous Quality Improvement in the Context of a Combined Neurology-Physical Medicine and Rehabilitation Advanced Core Clerkship

Kaitlyn O'Connor, M4 Student, Medical Education and Teaching Scholar, Brody School of Medicine

The Implementation of Peer-led Anatomy Review Sessions for USMLE Step 1 Examination Preparation

Walter Robey, MD, CHSE, Brody School of Medicine Clinical Simulation Program

An Online Introduction to Basic Simulation for Faculty: Making Simulation Easy

Jedediah Smith, MS, Office of Data Analysis and Strategy

Operationalizing Educational Data at the Brody School of Medicine

Hannah Verrilli, M3 Student, Service-Learning Scholar, Brody School of Medicine

Increasing Medical Student Confidence in Identifying Suicidal Patients and Accessing Resources for Intervention

Continuing Medical Education Credit

Accreditation

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

Credit Designation

The Brody School of Medicine of 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. CME credit will not be awarded during the poster sessions.*

For more information contact Jenna Garris, at garrisj15@ecu.edu or 744-0439