



## **1ST ANNUAL BRODY MEDICAL EDUCATION DAY**

**East Carolina Health Institute**

**April 22, 2015**

### **AGENDA**

- 12:00-12:15     **Registration and Refreshments**
- 12:15-12:25     **Welcome and Opening Remarks**  
Dr. Luan Lawson, Assistant Dean, Curriculum, Assessment & Clinical Academic Affairs
- 12:25-1:15     **Keynote Speaker**  
Dr. Rajesh S. Mangrulkar, Associate Dean for Medical School Education, University of Michigan, Ann Arbor Michigan
- 1:15-2:15     **Session One**  
Moderator: Jason Higginson, MD, MA, Chief of Neonatology, Associate Professor of Pediatrics
- 2:15-2:40     **Poster Session One and BREAK – 1<sup>st</sup> Viewing Opportunity**
- 2:40-3:40     **Session Two**  
Moderator: Donna Lake, PhD, RN, MEd, Clinical Assistant Professor, College of Nursing
- 3:40-4:05     **Poster Session Two and BREAK – 2<sup>nd</sup> Viewing Opportunity**
- 4:05-4:50     **Session Three**  
Moderator: Suzanne Lazorick, MD, MPH, Associate Professor of Pediatrics and of Public Health
- 4:50-5:00     **Closing Remarks**  
Dr. Elizabeth Baxley, Senior Associate Dean, Academic Affairs, Brody School of Medicine

### **Medical Education Day Judges**

- Leigh Patterson, MD, MAEd, Associate Professor, Department of Emergency Medicine
- Richard Ray, PhD, Professor, Department of Physiology
- Steven Schmidt, PhD, Associate Professor and Adult Education Program Coordinator, College of Education

### **Program Objectives**

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

## PODIUM PRESENTATIONS

### Session One – 1:15-2:15 p.m.

**Thomson C. Pancoast, Department of Medicine, Division of Pulmonary, Critical Care and Sleep Medicine, BSOM**

Co-authors: Michael Ritchie, MD; Ariel Hidalgo, MD; James Ford, MD, Vidant Medical Center/ECU Fellowship in Pulmonary Disease & Critical Care Medicine; Patricia Oullette, Vidant Medical Center; Susan Ingram, Vidant Medical Center; Walter C. Robey III, MD, Department of Emergency Medicine, BSOM

*Critical Event Simulation Team: A New Educational, Patient Safety, and Quality Improvement Initiative*

**Linda Bolin, ANP, MSN, RN and Gina Woody, DNP, MSN, RN, College of Nursing**

*Patient Safety and Quality Improvement: Interprofessional Collaboration*

**Robert G. Carroll, Office of Medical Education, BSOM**

Co-authors: David L. Giles, Office of Medical Education, BSOM; Anne C. Carroll, ECU Department of Psychology  
*Communicating Predictive Factors Impacting USMLE Step 1 Licensing Examination Performance to M2*

*Students: An Alternative Platform for Discussing Epidemiology*

**Jason Foltz, DO, Department of Family Medicine, BSOM**

*Team Based Care/Disease Management*

**Kelly M. Harrell, PhD, MPT, Department of Anatomy and Cell Biology, BSOM**

*The Relationship between In-class Written Exercise and Exam Performance in an Allied Health Gross Anatomy Course*

### Session Two – 2:40-3:40 p.m.

**Megan Sippey, MD, Department of Surgery, BSOM**

Co-authors: Gina Woody, DNP, MSN, RN, ECU College of Nursing; Shannon Longshore, MD; Carl Haisch, MD, Department of Surgery, BSOM

*Improving Patient Safety: A System's Approach*

**Lou Anne Baldree, MD, College of Nursing, Undergraduate Degree Program**

Co-author: Linda Bolin, ANP, MSN, RN, College of Nursing

*I GET IPE, MAN! Instructional Gaming Engages and Teaches Interprofessional Education in Medicine and Nursing.*

**Kevin Harris, Medical Student, Brody School of Medicine**

Co-authors: Nicholena K. Etxegoien; Dioval A. Remonde; Nicholas M. Zerona; Cassandra D. Acheampong, PhD, LCP-S; Terri Edwards, MEd, MA, BSOM

*Medical Students Who Aim Higher: Shifting from the Old Instructor Led Paradigm to a New Peer-Led Approach in Collaborative Learning*

**Rajni Sandhu, MD, Department of Pediatrics, BSOM**

Co-authors: Shiva Zargham, MD; Rashmi Patel, DO; Jennifer Crotty, MD; Melissa Brinn, MD; Karin Hillenbrand, MD, MPH, Department of Pediatrics, BSOM

*Ambulatory-based Quality Improvement in a Pediatric Residency Program*

**Jill Sutton, MD, Department of Obstetrics and Gynecology, BSOM**

Co-authors: Christie Heubel, Department of OB-GYN, BSOM

*Simulation Day in the OB-GYN Clerkship: A Unique Approach to Student Education*

## Session Three – 4:05-4:50 p.m.

**Pam Reis, PhD, CNM, NNP-BC, Department of Graduate Nursing Science, College of Nursing**

*Team-based Care in the Management of Abnormal Uterine Bleeding*

**William L. Doss, MD, Department of Physical Medicine and Rehabilitation, BSOM**

Co-authors: Steven Schmidt, PhD, Department of Higher, Adult & Counseling Education, ECU College of Education

*Opioid Jeopardy!: A Game to Promote the Understanding of Opioids*

**Michael Kennedy, PhD and Thomas Ross, PhD, College of Allied Health Sciences, Health Services Management**

*Creating Video Modules to Facilitate “Just in Time” Self-Study and Complement Classroom Instruction about Quality Improvement.*

**Coral Steffey, MD, Department of Pediatrics, BSOM**

*Recognizing and Acknowledging Medical Error – A Modified Team-Based Learning Session*

## POSTER PRESENTATIONS

- **Harry G. Adams, MD, Office of Medical Education, BSOM**  
*Integration of Pathology and Pharmacology Learning Issues into M2 Medicine Small Groups*
- **Gail A. Allen, MD, Department of Emergency Medicine, BSOM**  
*Medication Prescription Writing*
- **Niti Armistead, MD, Department of Internal Medicine, BSOM**  
Co-authors: Sandra Hardee, PharmD, Vidant Medical Center; Caroline Houston, MD, Department of Internal Medicine, BSOM  
*Optimal Management of Diabetes Mellitus in Hospitalized Patients: Case Based Learning Session*
- **Philip J. Boyer, MD, PhD, Department of Pathology, BSOM**  
*“Wow! Cool Photo (Table/Figure)! Can I use it in my Power Point Talk?”: Fair Use of Copyrighted Material in Medical Education , Opportunities and Risks*
- **Matt Chovaz, MD, Department of Emergency Medicine, BSOM**  
Co-authors: Walter C. Robey III, MD, Department of Emergency Medicine; Zach Frabitore, MS; Chris Grimes, BSOM  
*A YouTube Type Video Plus Task Trainer Approach for the Instruction of Cricothyrotomy*
- **Daa’iyah Cooper, MD, Department of Emergency Medicine, BSOM**  
Co-authors: Kraigher O’Keefe, MD; Walter C. Robey III, MD, Department of Emergency Medicine, BSOM  
*Emergency Skills: “Just In Time” Training*
- **David Eldridge, MD, Department of Pediatrics, BSOM**  
*Patient Handovers Regarding a Child with Septic Arthritis: A Modified Team-Based Learning Exercise Involving Entrustable Professional Activity 8*
- **Timothy Fitzgerald, MD, Department of Surgery, BSOM**  
*Designing the Optimal Surgical Clerkship “Lecture”: Flipping the Paradigm from Teacher Centered/Passive to Learner Centered/Active Learning*

- **Kelly M. Harrell, PhD, MPT, Department of Anatomy and Cell Biology, BSOM**  
 Co-authors: John Norbury, MD; Daniel P. Moore, MD, Department of Physical Medicine & Rehabilitation, BSOM  
*Novel Four-Year Longitudinal Electrodiagnostic Curriculum for Physical Medicine and Rehabilitation Residents*
- **Eleanor E. Harris, MD, Department of Radiation Oncology, BSOM**  
*A Problem-Based Learning Case in Breast Cancer Diagnosis and Management for Medical Students Doctoring Course, BSOM*
- **Caroline Houston, MD, Department of Internal Medicine, Endocrinology Division, BSOM**  
*A New Curriculum for the Medical Student Elective in Endocrinology*
- **Nadyah John, MD, Department of Psychiatry and Behavioral Medicine, BSOM**  
*PBL on Disruptive Behavior Disorders and ADHD*
- **Toni Johnson, MD, Department of Psychiatry and Behavioral Medicine, BSOM**  
*Poverty, Privilege and Professionalism: A Consideration of Resources with Problem Based Learning*
- **Bryan Kitch, MD, Department of Emergency Medicine, BSOM**  
*A Longitudinal Approach to Inserting Evidence Based Medicine in the Clinical Year*
- **Darla Liles, MD, Department of Internal Medicine, BSOM**  
 Co-authors: CS Lea; T Desai; R Mageau; L Stewart; A Rice; CL Knupp, Brody School of Medicine  
*Enhancing Provider Education and Improving Healthcare Disparities in Chronic Myeloid Leukemia (CML) and Multiple Myeloma (MM) through a Rural Regional North Carolina Hospital Network*
- **Ari Mwachofi, PhD, Department of Public Health, BSOM**  
*Community Engagement and Social Determinants of Health  
 Cost Effectiveness Analysis and Quality Improvement  
 Introduction to Health Policy Formation and the Patient Protection and Affordable Care Act*
- **Rajasekhar Nekkanti, MD, Department of Cardiovascular Sciences, BSOM**  
 Co-authors: Minh Tran, MD; Arjun Chagarlamudi, MD, Department of Cardiovascular Sciences, BSOM  
*Basic Overview of Cardiac Rhythm Devices Curriculum*
- **Keith Nelson, MD, Department of Obstetrics and Gynecology, BSOM**  
*Ready for Takeoff? Understanding Surgical Checklists*
- **Balaji Pabbu, MD, Department of Family Medicine, BSOM**  
 Co-authors: Ann Nye, PharmD, Department of Family Medicine; Jane Patton, EDd, Department of Occupational Therapy; Keith Sales, DPT, Department of Physical Therapy; Janna Daughtery, BSOM  
*Accidental fall risk reduction in frail elderly by a multi-disciplinary team based evaluation and management method at ECUP-Geriatrics*
- **Hellen Ransom, DHCE, Department of Bioethics and Interdisciplinary Studies, BSOM**  
*Expanding Case Studies to Explore Community Resource*
- **Aniel Rao, MD, Department of Internal Medicine, BSOM**  
 Co-authors: Kelley E. Whitehurst, MAEd, Vidant Medical Center; Alyson P. Riddick, C-TAGME, Vidant Medical Center; Suzanne Kraemer, MD, Department of Internal Medicine, BSOM; Herbert G. Garrison, MD, Department of Emergency Medicine  
*Confidence to Perform the Core Entrustable Professional Activities for Entering Residency: Perceptions of Incoming PG-1 Resident Physicians*

- **Timothy Reeder, MD, MPH, Department of Emergency Medicine, BSOM**  
Co-authors: Luan Lawson, MD, Department of Emergency Medicine, BSOM  
*Simulated Root Cause Analysis to Teach Error Analysis*
- **Michael Ritchie, MD, Department of Internal Medicine, Division of Pulmonary, Critical Care & Sleep Medicine**  
Co-authors: Pete Pancoast, MD, Critical Care Department, BSOM  
*Critical Care Simulation*
- **Walter C. Robey III, MD, Department of Emergency Medicine, BSOM**  
Co-authors: Pauline E. Meekins; MD, Kenneth Palm, MD; Kori Brewer, PhD; Matthew B. Weinger, MS, MD; Allison Mainhart, BSCLR, CCRP; Mark Bowler, PhD; Anne Carroll; Michael Long, MD, Brody School of Medicine; Medical University of South Carolina; Vanderbilt University School of Medicine; Bristol Regional Medical Center  
*Putting Our Trainees to the Task Trainer: A Simple, Inanimate Cricothyrotomy Airway Model for the Training and Assessment of Technical Skills*
- **Megan Sippey, MD, Department of Surgery, BSOM**  
Co-authors: Konstantinos Spaniolas, MD, Department of Surgery; Marysia Grzybowski, PhD, Department of Public Health; Mark Manwaring, MD, Walter Pofahl, MD, Kevin Kasten, MD, Department of Surgery, BSOM  
*"Should a Resident Participate in my Cancer Operation?": Elucidating Trainee Level Effect on Oncologic Surgery Outcomes*
- **Beatrice G. Zepeda, MD, Department of Pediatrics, BSOM**  
Co-authors: Coral Steffey, MD; David Eldridge, MD, Department of Pediatrics, BSOM  
*Pediatric Residency Quality Improvement, Safety, and Leadership Curriculum*

#### **Accreditation:**

The Brody School of Medicine of East Carolina University is accredited by the Accreditation Council for Continuing Medical Education 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 4 hours of AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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### **Medical Education Day Evaluation**

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[https://ecu.az1.qualtrics.com/jfe/form/SV\\_cvIkRfC6JcnH2yV](https://ecu.az1.qualtrics.com/jfe/form/SV_cvIkRfC6JcnH2yV). Otherwise, you will receive an email a day after the program with the link to the survey. We would appreciate your prompt response. **You will only be able to resume your survey if you use the same computer each time you return. THANK YOU!**