

**4<sup>th</sup> Annual  
Indiana University School of Medicine  
Education Day Program**

**Hine Hall Conference Center**

**Friday, April 28<sup>th</sup>, 2023  
8:00 am – 5:00 pm**

***“Innovations in Medical Education”***



**INDIANA UNIVERSITY**  
SCHOOL OF MEDICINE

## 9:00 – 9:05 AM: WELCOME FROM DEAN WALLACH



### **Paul M. Wallach, MD**

Executive Associate Dean, Educational Affairs & Institutional Improvement  
Indiana University School of Medicine

Paul M. Wallach, MD, a national leader in academic medicine and a proponent of educational innovation, joined IU School of Medicine in 2018. He is a general internist who completed medical school and residency at the University of South Florida College of Medicine. Since arriving at IUSM, Wallach has focused on introducing point of care ultrasound to our educational program and enhancing our 9-campus model through the creation of a scholarly concentrations. The 1st annual Education Day for IUSM was introduced in 2020 to highlight education as a core mission and to showcase the important work by many at our school.

## 12:00 – 12:45 PM: KEYNOTE SPEAKER



### **Kent Stobart, MD, MSc, FRCPC, CCPE**

*Vice-Dean of Education at the College of Medicine, University of Saskatchewan*

***“It’s Zed not Zee: Your Northern Neighbour’s Approach to Medical Education.”***

Dr. Stobart was born in Thunder Bay, Ontario and raised in Toronto, Ontario. He holds an undergraduate BSc degree from Trinity College and received his medical degree from the University of Toronto. He completed his postgraduate training in the Family Medicine Residency Program at the Université d’Ottawa and practiced as a family physician in Peterborough, Ontario. Dr. Stobart completed Royal College Fellowships in both Pediatrics and Pediatric Hematology Oncology and Bone

Marrow Transplantation at The University of British Columbia. He was awarded a Terry Fox Research Scholarship to complete a Master’s of Science in Epidemiology with a special focus on program evaluation, with the Clinical Trials Group of the National Cancer Institute of Canada.

Dr. Stobart has practiced as a pediatric oncologist at CancerCare Manitoba and most recently with the Northern Alberta Children’s Cancer Program at Stollery Children’s Hospital.

In medical education, he has been the director of the northern Alberta rural longitudinal integrated clerkship. His research and medical education interests include evidence-based medicine for both the undergraduate and postgraduate medical school curriculum. Dr. Stobart was the University of Alberta’s Associate Dean of Undergraduate Medical Education and took the University of Alberta’s medical school through a very successful accreditation. He was appointed the University of Alberta Provost Fellow before relocating to the University of Saskatchewan in 2015.

<b>4<sup>th</sup> IUSM Education Day Agenda</b> <b>In-Person Meeting @ Hine Hall, IUPUI Campus</b> <b>Friday, April 28, 2023</b>		
8:00-9:00 am	Hine Hall Slate Foyer	Registration
9:00-9:05 am	Hine Hall Auditorium	Welcome from Paul Wallach, MD – Executive Associate Dean Educational Affairs, IUSM
9:05-9:50 am	Hine Hall Auditorium	1 <sup>st</sup> Selected Oral Presentations
9:50-10:00 am		Break
10:00-10:45 am	Hine Hall Auditorium	2 <sup>nd</sup> Selected Oral Presentations
10:45-11:00 am		Break
11:00-11:45 am	Hine Hall / University Tower	Concurrent Small Group Discussions and Workshops
11:45-12:00 pm		Break
12:00-12:45 pm	University Tower Ballroom	Lunch and Keynote Speaker ( <i>Kent Stobart, MD, MSc, FRCPC, CCPE</i> )
12:45-1:00 pm		Break
1:00-1:45 pm	Hine Hall (HH) / University Tower (UT)	<b>1<sup>st</sup> Concurrent Themed Oral Presentations:</b> <ul style="list-style-type: none"> <li>▪ Diversity, Equity, Inclusion &amp; Justice (UT PRESIDENTS ROOM)</li> <li>▪ Wellness (UT INDIANA ROOM)</li> <li>▪ Simulation (HH 232)</li> <li>▪ Point of Care Ultrasound (HH 226)</li> <li>▪ Resident Patient Safety – I (UT PURDUE ROOM)</li> </ul>
1:45-2:00 pm		Break
2:00-2:45 pm	Hine Hall (HH) / University Tower (UT)	<b>2<sup>nd</sup> Concurrent Themed Oral Presentations</b> <ul style="list-style-type: none"> <li>▪ Regional Medical Campuses (UT INDIANA ROOM)</li> <li>▪ Biomedical Education (HH 226)</li> <li>▪ Undergraduate Medical Education (HH 231)</li> <li>▪ Graduate Medical Education (UT PRESIDENTS ROOM)</li> <li>▪ Resident Patient Safety – II (UT PURDUE ROOM)</li> <li>▪ Simulation Center Collaboration Group (HH 232)</li> </ul>
2:45-3:00 pm		Break
3:00-4:00 pm	Hine Hall Hallway	Poster Presentations (1 <sup>st</sup> and 2 <sup>nd</sup> floor) Scholarly Concentration Poster Presentations (2 <sup>nd</sup> floor)
4:00-5:00 pm	Hine Hall Auditorium Lobby	Reception and Certificates

### 9:05 - 9:50 AM: 1<sup>st</sup> SELECTED ORAL PLATFORM PRESENTATIONS

[Auditorium]

1. **An Examination of Gender and Racial Bias within the American College of Surgeons Resident Objective Structured Clinical Exam**  
*Madeline Blackwell, Christopher Thomas, Dominique Doster, E. Matthew Ritter, Dimitrios Stefanidis*
2. **Home Advantage: Students Prefer Gross Anatomy Study Advice from Internal Faculty and Near-Peers Over Internet “Med-fluencers”**  
*Andrew Cale, Margaret McNulty*
3. **Factors Related to Pediatric Resident Preparedness and Plans to Care for Children in Immigrant Families and Underserved Children**  
*Palka Patel, Mitali Thanawala, Feenalie Patel, Christina Knight, Jang-Dong Seo, Scott Coven, Shaina Hecht, Megan McHenry*
4. **Exploring Competency-Based Narrative Feedback Through End-of-Course Comments**  
*Helen Shere, Charles Rudick, Jessica Byram*

**9:50 – 10:00 AM: BREAK**

## 10:00 – 10:45 AM: 2<sup>nd</sup> SELECTED ORAL PLATFORM PRESENTATIONS

[Auditorium]

- 1. The Surgical Disparity Curriculum: Creation, Implementation, and Evaluation of a Novel Curriculum to Train Residents to Recognize Perioperative Health Inequity**  
*Dominique Doster, Madeline Blackwell, Krishna Manohar, E. Matthew Ritter, Dimitrios Stefanidis, Jennifer Choi*
- 2. Evaluating the AMPATH Surgical App (ASAP): Open Appendectomy Module: A Randomized Controlled Trial**  
*Makayla Standfest, Wendy Li, Manisha Bhatia, Jeffrey Levy, Dimitrios Stefanidis, Seno Saruni, JoAnna Hunter-Squires*
- 3. Associations between Slipped Capital Femoral Epiphysis, Food Deserts, Poverty, and Urban/Rural Locale**  
*Taylor Luster, Zachary Gunderson, Seungyup Sun, Randall Loder*
- 4. Development of a Novel Multimodal Educational Boot Camp for Pediatric Extracorporeal Membrane Oxygenation Training**  
*Yujin Park, Gail Hocutt, Nathan Swinger, Kamal Abulebda, Kellie Pearson, Brian Gray*

## 10:45 – 11:00 AM: BREAK

## 11:00 – 11:45 AM: CONCURRENT WORKSHOPS & SMALL GROUP DISCUSSIONS

HINE HALL [AUDITORIUM]

- 1. How Can Artificial Intelligence Language Models & Other Tools Be Incorporated in Undergraduate Medical Education?**  
*Katie Stanton-Maxey, Megan Rendina*

HINE HALL [ROOM 118]

- 1. Validity: The Cornerstone of Assessment**  
*Christopher Thomas, Madeline Blackwell, Dimitrios Stefanidis, E. Matthew Ritter*

HINE HALL [ROOM 226]

- 1. Network Analysis for Education Research: Using VOSviewer Software**  
*Mirian Ramirez*

HINE HALL [ROOM 231]

- 1. “Serema’s Story”: Collaborative Development of a Real Patient Narrative Addressing a Black Woman’s OB/GYN Healthcare Experiences and Its Impacts on First-Year Undergraduate Medical Learners at IUSM**  
*Kathleen Eggleston*

HINE HALL [ROOM 232]

- 1. Education for the Future: Incorporating Climate Health into Medical School Curricula**  
*Mary Holohan, Megan Eigsti*

UNIVERSITY TOWER [INDIANA ROOM]

- 1. Are Students Prepared for Professional Coursework? A Discussion on Preparedness Interventions**  
*Megan C Balle, Margaret A McNulty*
- 2. Debriefing after Sentinel Events in Obstetrics: A Curriculum**  
*Joanna Izewski, Anthony Shanks*

#### UNIVERSITY TOWER [PRESIDENTS ROOM]

1. **Unearthing the Hidden Curriculum of Professionalism toward Health Disparity Education**  
*Sacha Sharp, Christen Dilly*
2. **Promoting Health Equity and Anti-Racism Using Art**  
*Sacha Sharp*

#### UNIVERSITY TOWER [PURDUE ROOM]

1. **Operation Diagnosis: Applying Virtual Escape Room Construct to Clinical Reasoning Education**  
*LeeAnn Cox, Zeb Saeed, Lauren Pavlik, Sacha Sharp*

**11:45 – 12:00 PM: BREAK**

**12:00 – 12:45 PM: KEYNOTE SPEAKER & LUNCH [UNIVERSITY TOWER BALLROOM]**

**12:45 – 1:00 PM: BREAK**

**1:00 – 1:45 PM: 1<sup>st</sup> CONCURRENT THEMED ORAL PRESENTATIONS**

#### DIVERSITY, EQUITY, AND INCLUSION

[University Tower - Presidents Room]

Session Leaders: *Matthew Holley, EdD; Alvaro Tori, MD*

Additional Contributors:

1. **Creating a More Equitable Future: Development, Implementation and Evaluation of a Novel Surgical Disparities Curriculum for Medical Students**  
*Krishna Manohar, Dominique Doster, Madeline Blackwell, Signe Braafladt, Sarah Huber, Dimitrios Stefanidis, Katie Stanton-Maxey*
2. **Integration of Sex and Gender Inclusive Language in Small Group, Case Based Learning in Anatomy Education**  
*Daniel Martin, Valerie O'Loughlin, Tracy Vargo-Gogola, Jessica Byram*

#### WELLNESS

[University Tower - Indiana Room]

Session Leader: *Heather Kelker, MD*

Additional Contributors:

1. **Relationship between Stress and Resident Non-Technical Skills during Interdisciplinary Trauma Simulations**  
*Nicholas Anton, Amelia Collings, Dimitrios Athanasiadis, Spyridon Giannopoulos, Mohammad Kalantar, Lauren Falvo, Geoffrey Hays, E. Matthew Ritter, Dimitrios Stefanidis*

#### SIMULATION

[Hine Hall 232]

Session Leader: *Dylan Cooper, MD*

Additional Contributors:

1. **Effectiveness of a Simulation-Based Technical Skills Curriculum for Medical Students Asynchronous Instruction and Video Assessment: A Comparative Cohort Study**

*Christopher Thomas, Madeline Blackwell, Matthew Lin, Hueylan Chern, Dominique Doster, Dimitrios Stefanidis, E. Matthew Ritter, Yujin Park, Katie Stanton-Maxey*

**2. Effect of a Reusable 3D Printed Model for Antenatal Ultrasound-Guided Needle Procedures on Trainee Skill and Confidence**

*Kelsey Pape, Anthony Shanks, Caroline Rouse, Ashtin Wilson, Nichole Cronin, Nick Ellis, Jacob Parmenter*

**3. Visualizing Simulation-based Research Networks Using Bibliometrics**

*David Rodgers, Maxwell Bohrer, Adrian Morales, Matthew Needler*

**POINT OF CARE ULTRASOUND – POCUS**

**[Hine Hall 226]**

*Session Leader: Rob Ferre, MD*

*Additional Contributors:*

**1. Introduction to Breast Ultrasound Short-Course: Evaluation through Kirkpatrick’s Model**

*Manisha Bhatia, Lucy Nanjala Wabende, Seno Saruni, JoAnna Hunter-Squires*

**2. The Utilization of Tele-Ultrasound at a Student-Run Free Clinic**

*Morgan Black, Kennedy Stoll, James Wilcox, Zoe Burrow, Kathryn Smeltzer, Asael Nunez, Brett Hopf*

**RESIDENT PATIENT SAFETY -I**

**[University Tower - Purdue Room]**

*Session Leader: Christopher Bosma, MD*

*Additional Contributors:*

**1. How to HEEAL: A Curriculum in Medical Error Disclosure**

*Lauren Falvo, Anna Bona, Melanie Heniff, Dylan Cooper, Malia Moore, Devin Doos, Elisa Sarmiento, Cherri Hobgood, Rami Ahmed*

**1:45 – 2:00 PM: BREAK**

**2:00 – 2:45 PM: 2<sup>nd</sup> CONCURRENT THEMED ORAL PRESENTATIONS**

**REGIONAL MEDICAL CAMPUSES**

**[University Tower - Indiana Room]**

*Session Leader: Elizabeth Ryan, EdD*

*Additional Contributors:*

**1. Geographic Distribution of Health Behaviors, Health Outcomes, and Social Determinants of Health in Northwest Indiana: A Health System and Regional Medical Campus Research Partnership**

*Antonio Presutti, Omkar Tamhankar, Jonathan Guerrero, Baraka Muvuka*

**BIOMEDICAL EDUCATION**

**[Hine Hall 226]**

*Session Leader: Thomas Hurley, PhD*

*Additional Contributors:*

**1. A Nationwide Look at Expectations and Compensation for Graduate Funding in Programs Associated with Medical Schools**

*Polly Husmann, Jessica Byram*

**2. Designing a Workshop to Improve Graduate Student Teaching Efficacy and Better Prepare Future Faculty**

*Emily Seiden, Andrew Cale, Jessica Byram, Margaret McNulty, Lauren Easterling*

**3. An Integrated Strategy for Preparing Future Biomedical Science Faculty for Teaching-Related Roles**

*Lauren Easterling, Emily Seiden, Jessica Byram*

## UNDERGRADUATE MEDICAL EDUCATION

[Hine Hall 231]

Session Leader: Bradley Allen, MD; Paul Ko, MD

Additional Contributors:

- 1. Integration of Emerging Topics of Microbiology and Immunology into Undergraduate Medical Education**  
*Margaret Bauer, Samina Akbar, Timothy Bauler, Jessica Chacon, Erin McClelland, Shawn Staudaher, Yuan Zhao*
- 2. Use of Site-Specific Service Evaluations Allows for Identification of Differences in Clinical Educational Experiences**  
*Katie Stanton-Maxey, Siena Cooper*
- 3. Student and Faculty Collaboration in Student Affairs**  
*Evelyn Crowley, Chase Salmon, Emily Walvoord, Erin Dafoe*
- 4. Impact of Experiential Learning on Medical Student Engagement with Population Health Curriculum**  
*Sarah Hoseus, Laura Hinkle*

## GRADUATE MEDICAL EDUCATION

[University Tower - Presidents Room]

Session Leader: Michelle Howenstine, MD

Additional Contributors:

- 1. Pilot Study Evaluating a Post Hospital Follow-Up Curriculum for Internal Medicine Interns**  
*Eric Frontera, Monling Ho, Komal Kochhar*
- 2. Evaluating the Effectiveness and Perceived Benefit of a Breast Imaging Website as an Educational Tool for Residents**  
*Rylee Friel, Elise Miller, Katie Niemeyer*
- 3. Developing a Teaching Assessment Committee (TAC) for Core Clinical Faculty Evaluation**  
*Brent Bagley, Laura Hinkle, Gabriel Bosslet*

## RESIDENT PATIENT SAFETY - II

[University Tower - Purdue Room]

Session Leader: Christopher Bosma, MD

## SIMULATION CENTER COLLABORATION GROUP

[Hine Hall 232]

Session Leader: Dimitris Stefanidis, MD, PhD

### **2:45 – 3:00 PM: BREAK**

### **3:00 – 4:00 PM: POSTER PRESENTATIONS**

[1<sup>st</sup> & 2<sup>nd</sup> Floor Hallway]

#### **ED 1. Role of Plating versus Intramedullary Nailing of Intra-articular Distal Tibia Fractures in Reducing Post Operative Complications**

*Doriann Alcaide, Jenna Jones, Nathaniel Wilson, Jan Szatkowski, Anthony Sorkin, Roman Natoli, Yohan Jang*

#### **ED 2. Ruptured Brain Arteriovenous Malformations: Early vs Delayed Surgery Phase 1**

*Joseph Davis, Weston Troja, Bradley Bohnstedt*

#### **ED 3. Investigating the Association between Apolipoprotein A1 and Cardiovascular Mortality**

*Zaki Hafeez, Shivang Desai, Arshed Quyyumi*

#### **ED 4. Beyond the Breast Cancer Diagnosis: A Qualitative Study**

*Anna Feliciano, Taylor Smith*

- ED 5. Prehospital Lung Ultrasound in Acute Heart Failure: Impact on Diagnosis and Treatment**  
*Omkar Tamhankar, Frances Russell*
- ED 6. Optimizing Educational Curricula by Identifying Patterns in Point-of-Care Ultrasound Usage by Faculty Physicians**  
*Daniel Brenner, Drew Frey, Harpriya Singh, Francis Russell, Robinson Ferre*
- ED 7. 4th year POCUS Elective in the Rural Medical Education Program**  
*Jennafer Grasfeder, Michael Gamble, Taihung Duong*
- ED 8. Utilizing Eye Tracking to Assess Medical Student Non-Technical Performance During Scenario-Based Simulation: Results of a Pilot Study**  
*Nicholas Anton, Jackie Cha, Edward Hernandez, Dimitrios Athanasiadis, Jing Yang, Guoyang Zhou, Dimitrios Stefanidis, Denny Yu*
- ED 9. Ahead of the Curve: Identifying Predictors of Robotic Psychomotor Skill Performance in Novices**  
*Dominique Doster, Amelia Collings, Christopher Thomas, Nicole Blichmann, Mohammad Kalantar, Spyridon Giannopoulos, Dimitrios Stefanidis, E. Matthew Ritter*
- ED 10. Lightening the Load: Novices Experience Less Workload during Robotic Surgery Compared to Laparoscopy and Endoscopy**  
*Dominique Doster, Amelia Collings, Christopher Thomas, Nicole Blichmann, Mohammad Kalantar, Spyridon Giannopoulos, Dimitrios Stefanidis, E. Matthew Ritter*
- ED 11. A Bibliometric Descriptive Study of the State of Simulation-based Healthcare Research at Indiana University**  
*David Rodgers, Maxwell Bohrer, Adrian Morales, Matthew Needler*
- ED 12. Policy Impact of COVID-19 Research Published by the IU School of Medicine: An Exploratory Bibliometric Analysis, 2020-2021**  
*Mirian Ramirez, Elizabeth Whipple*
- ED 13. Instructors' Practices and Perceptions of Teaching Sexual Function and Pleasure**  
*Brenda Kucha Anak Ganeng, Heather Bergan-Roller*
- ED 14. Assessment of a Statewide Pregnancy Options Panel for Second Year Medical Students**  
*Carli King, Leah Peipert, Lucy Brown, Amna Yaqub, Cynthia Wu, Amy Caldwell*
- ED 15. Retraumatization in Undergraduate Medical Education: Evaluating the Prevalence and Support Resources Available to Students**  
*Keith Makhecha, Dominique Doster, Makayla Standfest, E. Matthew Ritter, Dimitrios Stefanidis*
- ED 16. Pregnancy Options Counseling for Pediatric Residents and Fellows: Effectiveness, Acceptability, and Appropriateness**  
*Lauren Bell, L Kirkpatrick, C Robbins*
- ED 17. Adapting a Validated Measure of Psychological Ownership to Assess Radiology Residents' Sense of Ownership**  
*Reid Fisher, Peter Gunderman*
- ED 18. Towards a Trauma-Informed Medical School**  
*Niki Messmore, Sabria Abufares, Jayden Dover, Kelsey Farris, Brett Hopf, Katie Wong, Janie Zeh*
- ED 19. Why Not Medicine? Perceived Barriers to Pursuing Medical School in 2-Year College Students**  
*Austin Blais, Sally Mitchell, Corinna Yu*
- ED 20. Changing Career Trajectory: Understanding the Impact of an Undergraduate Human Anatomy Course**  
*Victoria Gomez, Jason Organ, Michael Yard, Jessica Byram*
- ED 21. Virtual Longitudinal Patient for Pre-Clinical Medical Students**  
*Mojgan Sarmadi, Jill Grant, Lisa McTavish*
- ED 22. Overcoming Barriers to Providing Narrative Feedback in Pre-clinical Medical Education: Design and Implementation of a Comment Builder Tool**  
*Leslie Hoffman, Helen Shere, Erich Bauer, Tracy Vargo-Gogola*
- ED 23. Inspired to Learn: Integrating Pre-Clinical Respiratory Educational Principles into Clinical Clerkship Practice**

*Aish Thamba, Rylee Friel, Shannen Sharpe, Emily Barron, Emily Shockley, Erin Bontrager, Shannon Cooper, Sruthi Ganapaneni, Kennedy Stoll, Natalie Vellutini, Komal Kochhar, Lynn Roy, W. Graham Carlos*

**ED 24. Evaluating the Efficacy of a Procedure Training Session for Pre-Clinical Medical Students Designed and Facilitated by Medical Students**

*Maxwell Bohrer, David Rodgers*

**ED 25. Creating Interactive Digital Anatomy Modules for the Indiana University School of Medicine Human Structure Course**

*Rowan Farrell, Christine Eckel, Jose Mas*

**ED 26. Analysis of Medical Student's Preferences Pre- and Post-Human Structure Course at the Northwest and West Lafayette Campuses for Medical education at the Indiana University School of Medicine**

*Tatiana Kostrominova, Jose Mas, Samar Khirallah, Christine Eckel*

**ED 27. Student Perceptions of a Specifications Grading System in a Graduate Level Gross Anatomy Course**

*Dallas Kelm, Jason Organ, Elizabeth Agosto*

**ED 28. "I'm Seeing Things Through a New Lens as an Educator Rather than a Student": Evaluating the Impact of Peer Education in Gross Anatomy**

*Megan Kruskie, Jason Mussell, Jessica Byram*

**ED 29. Development and Pilot of Rubric for Evaluating Canvas Pages of Undergraduate Medical Education Courses**

*t'Jacques Guillot, Trey Shupp, Saira Butt, Christine Eckel, Joshua Magnum, Sally Mitchell, Polly Husmann*

**ED 30. Clinician Use and Perceptions of Anatomical Eponyms**

*Rebecca Wisner, Jessica Byram, Amanda Meyer, Margaret McNulty*

**ED 31. Undergraduate Medical Students' Perceptions of Communication Skill Training**

*Katherine Chartier, Brian Skillman, Sarah Walsh*

**ED 32. A Roadmap to the Development of the Osteosarcoma Patient Decision Aid for Surgery in the Lower Limb: From Inception to Implementation**

*Janet Panoch, Sabria Abufares*

**ED 33. Visual Aids Simulating Cue Notes in Teaching Physical Exam to Medical Students**

*Mojgan Sarmadi*

**ED 34. Medical Students' Expectations of an Internal Medicine Clerkship Curriculum, a Single Center Experience**

*Abdulrahman Nazif, Zeb Saeed, Christen Dilly, LeeAnn Cox*

**ED 35. Vertical Integration: Bringing Basic Sciences Back into Phase 3**

*Margaret McNulty, Elizabeth Agosto, Roman Natoli*

**ED 36. IUSM Transitions 2 Radiology Curriculum**

*Sean Brockman, Peter Gunderman, Mohsin Mukhtar, Richard Gunderman, Joseph Harmon*

**ED 37. Examining Visiting Student Evaluation Forms**

*Gabriel Rigueiro, Erin Dammann, Daniel Guillaud, Senthil Packiasabapathy, Sally Mitchell, Corinna Yu*

**ED 38. Evaluating the Medical Leadership Reading Elective**

*Robert Weller, Sally Mitchell, Corinna Yu*

**ED 39. A Great Divide: Health Professional Student Views of Referencing Materials in Clinical Practice**

*Sabrina Woods, Margaret McNulty*

**ED 40. "We Don't Know What We Don't Know" – A Qualitative Study of Medical Student Perceptions of Student Affairs**

*Molli Fromke, Brooke Starr, Antwione Haywood, Emily Walvoord, Krista Longtin*

**ED 41. Small Group Best Practice: From Design to Implementation**

*Jennelle Durnett Richardson, David Bell, Jonathan Guerrero, Rachel Kowal*

**ED 42. Deconstructing Professionalism**

*Eli Schantz, Afsheen Mansoori, Clayton Hicks, Jonathan Harris*

**ED 43. Developing Future Educators Through a Peer-Led Procedure Training Session**

*Maxwell Bohrer, David Rodgers*

**ED 44. Neuropsychological Differences Between Surgery Interns and Age-Matched Adults**

*Nicholas Anton, Dominique Doster, Jennifer Choi, E. Matthew Ritter, Dimitrios Stefanidis*

**ED 45. Executive Function Differences Between Surgery Interns and Practicing Surgeons**

*Nicholas Anton, Dominique Doster, E. Matthew Ritter, Jennifer Choi, Dimitrios Stefanidis*

**ED 46. Thinking Makes It So: Relationship Between Cortical Activity During Mental Imagery and Surgical Skill**

*Nicholas Anton, Meredith Ziliak, Christopher Thomas, Abigail Smith, Dimitrios Stefanidis*

**ED 47. Augmenting Mental Imagery for Robotic Surgery Using Neurofeedback: Results of a Randomized-Controlled Trial**

*Nicholas Anton, Meredith Ziliak, Dimitrios Stefanidis*

**ED 48. Assessing the Need for a Standardized Didactic Critical Care Curriculum for Pulmonary and Critical Care Fellowship Training**

*Brent Bagley, Gabriel Bosslet, Laura Hinkle*

**ED 49. Interprofessional Accredited Continuing Education on Cystic Fibrosis for the Healthcare Team; a Review of 7 Courses**

*Kim Denny, Rima Patel, Michelle Howenstine*

**ED 50. APGO Preparation for Residency: How well does it prepare for CREOG?**

*Anthony Shanks, Megan Christman, Amanda Morgan, Nicole Scott*

**ED 51. All that Glitters: The Value of Gold and Silver Signals on OB/Gyn Interview Offers**

*Megan Eigsti, Megan Christman, Debra Rusk, Tony Shanks*

**ED 52. Emergency Medicine Residents Perceived Gaps in Education Regarding Pediatric Emergencies: A Needs Assessment**

*Kyle Schoppel, Jordan Spector, Haley Connelly, Ijeoma Okafor, Richard Church, Katy Deblois, David Della-Guistina, Adam Kellogg, Casey MacVane, Matthew Pirotte, David Snow, Jordan Spector, Geoffrey Hays, Alexander Sheng*

**ED 53. Does Length of Emergency Medicine Training Matter for Leadership Skills in Pediatric Resuscitation? A Pilot Study**

*Kyle Schoppel, Travis Whitfill, Ashley Keilman, Jabeen Fayyaz, Patricia Padlipsky, Carmen Maria Diaz, Robyn Wing, Mary Hughes, Marleny Franco, Kellie Pearson, Barbara Walsh, Erin Montgomery*

**ED 54. Assessment of Mental Skills Level in Incoming Surgical Trainees vs Experienced Surgeons**

*Mohammad Kalantar, Dimitrios Stefanidis, Nicholas Anton*

**ED 55. Assessment of Resident Feedback from Medical Students**

*Sade Imeokparia, Lindsay Haskett, Megan Rendina, Lindsey Mossler, Katie Stanton-Maxey*

**ED 56. Incorporating Planetary Health into Graduate Medical Education**

*Stella Protopapas, Taylor Diedrich, Margaret Tharp, Eashan Kumar*

**ED 57. Experiences of Residency Program Directors: A Job Demands-Resource Theory Perspective**

*Kyle Robertson, Jessica Byram*

**ED 58. Retention of Indiana Medical Students for Residency following Dobbs vs. Jackson Decision**

*Anthony Shanks, Amy Caldwell, Luci Hulsman, Paige Bradley, Megan Christman, Debra Rusk*

**ED 59. Supporting the GME Scholarship Requirement: A Pilot Study of Two Library Interventions**

*Julia Stumpff, Cecelia Vetter, Emilee Delbridge*

**ED 60. Asian American Experience in the Largest Allopathic Medical School**

*Steven Chen, Manda Wang, Komal Kochhar, Paul Ko*

**ED 61. Sickle Cell Disease Patient Panel: Exploring Health Care Disparities During Phase I**

*Claire Marks, Sacha Sharp, Seethal Jacob, Andrew O'Brien, Rakesh Mehta*

**ED 62. Evaluation of Medication Needs at a Student Outreach Clinic Following Addition of a Pharmacy Team**

*Victoria Ochs*

**ED 63. Evaluation of Prevalence and Management of Abnormal Uterine Bleeding at the Student Outreach Clinic**

*Willa Sasso, Juliet Hardesty*

**ED 64. An innovated approach to the care of older adults**

*Anna Pendrey, Javier Sevilla-Martir*

**ED 65. Teaching Telemedical Primary Care in Patients with Social Determinants of Health**

*Lindsey Reese, Maria Parker Spector Robles, Katherine Chartier, Brandy Everett, Paul Ko, Rachel Susler*

**ED 66. Investigating Leadership Beliefs Among Medical Students Before and After Women's Physician Panel**

*Alison Jeffries, Jinan Ayub, Alexa Jauregui, Sara Kendrick, Julianne Stout*

**ED 67. U.S. Pediatric Residents' Preparedness, Attitudes, and Knowledge in LGBTQ+ Healthcare**

*Dustin Nowaskie, Jonathan Dauterman, Leah Dauterman, Olwen Menez*

**ED 68. A Resident Diversity, Equity, and Inclusion Committee: A Framework to Empower Residents to Advance Health Equity**

*Dominique Doster, Manisha Bhatia, Jasmine Lee, Krishna Manohar, Madeline Blackwell, Signe Braafladt, Laura Torbeck, E. Matthew Ritter, Katie Stanton, Dimitrios Stefanidis, Jennifer Choi*

**ED 69. Holistic Recruitment in Internal Medicine: Implementation and Outcomes of a Diversity Toolkit to Improve Residency Recruitment**

*Curtis Wright, Noelle Sinex, Allyson Thomas, Julie Vannerson, Jennifer Hur*

**ED 70. AmeriCorps as a Pathway to Developing Culturally Competent Physicians**

*Niki Messmore, Samuel Garrison, Rachel Gross, Asif Hossain, Abigail Miller, Chaenny Sim, Collin Wilkins, Klaudia Wojciechowska*

**ED 71. An Analysis of Indiana Youth Group Demographics**

*Rachel Gross, Olivia Abraham*

**ED 72. Slemenda Scholars: The Impact of Early Experiential Learning in Global Health Education**

*Micaela Gaviola, Destiny Resner, Marissa Vander Missen, Jenny Baenziger*

**ED 73. Global Connection: Learning with Indiana University**

*Nucharin Supakul, Isaac Wu*

**3:00 – 4:00 PM: SCHOLARLY CONCENTRATION POSTER PRESENTATIONS**

[2<sup>nd</sup> Floor Hallway]

**SC 1. Analyzing the Efficacy of a Housing First Program in South Bend, Indiana**

*Daniel Armounfelder*

**SC 2. Determining Health Information Sources in a Student-Run Clinic Community in East Indianapolis**

*Christina Salgado, Ruben Hernandez*

**SC 3. Influence of Medical Interpreters on the Healthcare Experiences of Hospitalized Spanish-Speaking Patients**

*Christian Arce Guzman, Catherin Morocho, Kristen Lentsch, Ashley Meagher*

**SC 4. Healthcare Disparities by Insurance Status for Hispanic/Latino Patients in Indiana**

*Mark Westbroek, Raymundo Munguia-Vazquez*

**SC 5. An Investigation of Factors Impacting Vaccine Hesitancy Among Rural Indiana Hispanic Population**

*Catherine Burns, Claire Marks, Nicholas Young, Julianne Stout*

**SC 6. Sampling Attitudes about Carbon Monoxide Safety in Rural Indiana**

*Sarah Hopfer, Eric Reyes, Robin Danek, Ellen Ireland*

**SC 7. Identifying Novel Opportunities to Improve Smoking Cessation Among Emergency Department Observation Unit Patients**

*Nicholas Pettit, Colton Houchin*

**SC 8. Expectations, Experiences and Effects of Women's First Patient-Provider Visit about Infertility: a Qualitative Study**

*Erin Becker, Katharine Head*

**SC 9. Assess the Association Between Healthcare Utilization Patterns, The Receipt of Quality Primary Care and Likelihood of Hospitalization in Children with ASD**

*Kazeerat Adedokun, Sarah Wiehe, Tammy Lynne, Sami Gharbi*

**SC 10. Knowledge of Current Exercise Guidelines and Perceived Utilization in Rural Indiana**

*Rachel Nettleton, Robin Danek, Ellen Ireland, Eric Reyes*

**SC 11. An Assessment of Nutritional Quality of Foods Provided in a Midwestern Food Pantry and Food Consumption Habits among its Clients**

*Collin Wilkins, Victor Olafusi, Shellye Suttles*

**SC 12. Impacts of the COVID-19 Pandemic on Youth Violence: Insights from Professional Key Informants**

*Deeb Omari, Mohamed Aldallal, Baraka Muvuka, Elizabeth Ryan*

**SC 13. American Singles' Attitudes toward Future Romantic/Sexual Partners' COVID-19 Vaccination Status: Sizeable Evidence for Both Vigilance and Indifference in a National Sample**

*JT Campbell, M Bennett-Brown, AS Marcotte, EM Kaufman, Z Moscovici, OR Adams, S Lovins, AN Gesselman*

**SC 14. A Rural Urban Comparison of Adherence to Treatment Plans in Patients with Type 2 Diabetes Mellitus**

*Olivia Neese, Ellen Ireland, Robin Danek, Eric Reyes*

**SC 15. Correlation of Diabetes Status and the Severity of Cognitive Impairment of Post-Covid Patients Who Developed Long Covid Brain Fog Symptoms – Implications for the Development of Alzheimer's Disease in Long Covid Patients**

*Cade Plyer, Fen-Lei Chang*

**SC 16. Guilty as CHARGed: A Case Report of an Alternative Molecular Culprit for CHARGE Syndrome**

*Vijai Kumar Dharla, Theodore Wilson*

**SC 17. Use of SGLT2-Inhibitors Reduces Heart Failures and Hospitalizations: A Multi-Center Real World Evidence Study**

*Christopher Blanco, Kara Garcia, William Smith, Adrian Singson*

**SC 18. Systems Modeling of Gut Microbiome Regulation of Estrogen Receptor Beta Signaling in Ulcerative Colitis**

*Alan Trinh, Javier Munoz, Tzu-Wen Cross, Doug Brubaker*

**SC 19. Impact of Gabapentin and Pregabalin on Neurological Outcome After Ischemic Stroke**

*Michael Weber, Caleb Morton, Fen-Lei Chang*

**SC 20. Risk of Bleeding with Outpatient use of Rivaroxaban in VTE Management at a National Referral Hospital in Western Kenya**

*D Njuguna, F Nwaneri, Allyson Prichard, Imran Manji, Gabriel Kigen, Naftali Busakhala, Samuel Nyanje, Emily O'Neil, Sonak Pastakia*

**SC 21. Observational Study of the Diagnosis and Referral Patterns of a Tertiary Care Children's Hospital's Multidisciplinary Cerebral Palsy Clinic**

*Brian Moreno, Florence Sun, Emily Scott*

**SC 22. Practice Transformation as a Feasible Solution to the Quadruple Aim**

*Abigail Deal, Amanda Bohleber*

**SC 23. Deep Learning Cardiac Segmentation of Ultrasound and Photoacoustic Data**

*Katherine Leyba, Hayley Chan, Olivia Loesch, Craig Goergen*

**SC 24. Feasibility and Acceptability of a New Biomedical Device to Augment Kangaroo Mother Care and Prevent Hypothermia in Kenya: Qualitative Analysis**

*Nudar Bhuiya, Scott Liu, David Muyodi, Sherri Bucher*

**SC 25. Participatory Design and Development of a Mobile App to Improve Kangaroo Mother Care in Kenya Using the People at the Center of Mobile Application Development (PACMAD) Framework**

*Allison Young, Madison Dolan, Namisha Thakur, Vandana Munjal, Fabian Esamai, Saptarshi Purkayastha, Sherri Bucher*

**4:00 – 5:00 PM: RECEPTION & CERTIFICATES**

[Auditorium Lobby]

Presented by Paul Wallach, MD

**PLANNING COMMITTEE**

Komal Kochhar, MBBS, MHA (Chair)

Katie Pettit, MD

Margaret McNulty, PhD

Dimitrios Stefanidis, MD, PhD

Paul Wallach, MD

**ACKNOWLEDGEMENTS**

Continuing Education in Healthcare Professions (CEHP): Leila Amir Soleimani and CEHP Team

Educational Affairs Data Analytics (EDA): Maddie Potter

Research in Medical Education (RIME): Monling Ho

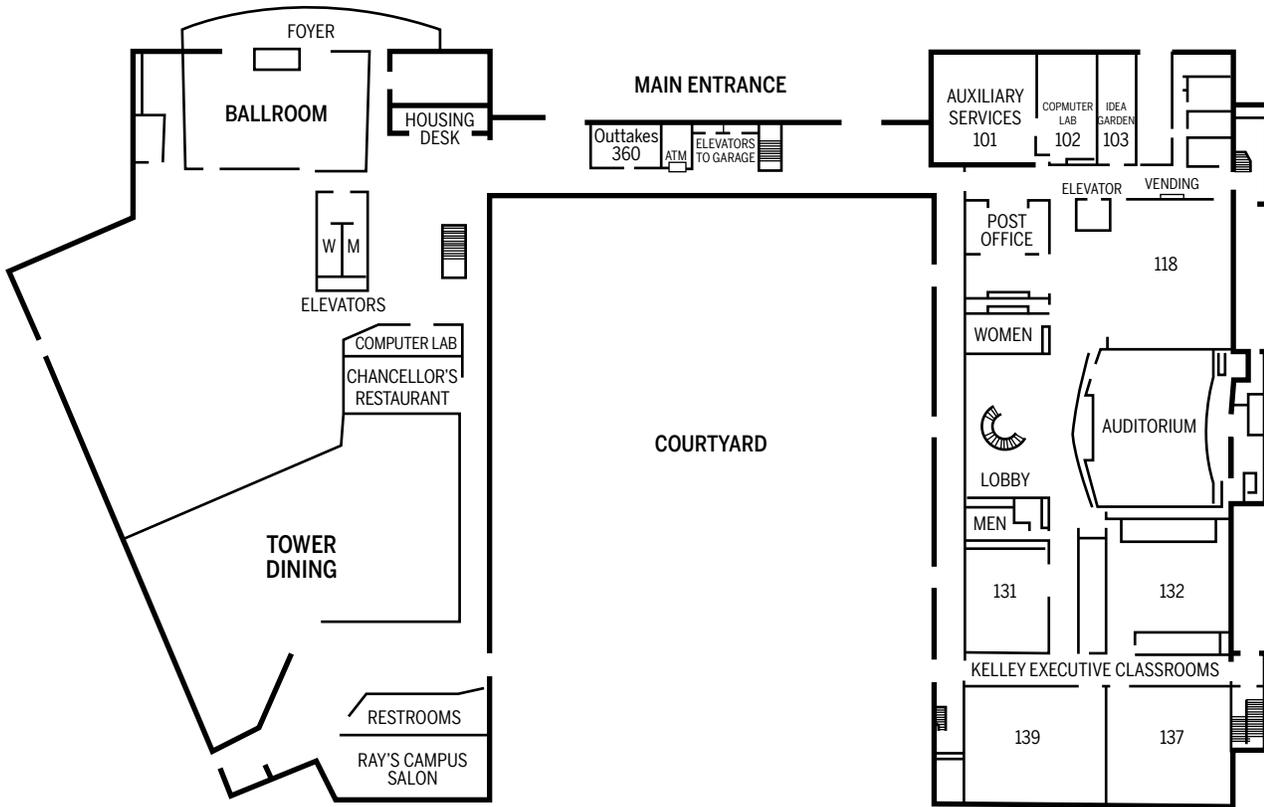
**SPECIAL THANKS**

To IUSM faculty who served as abstract reviewers

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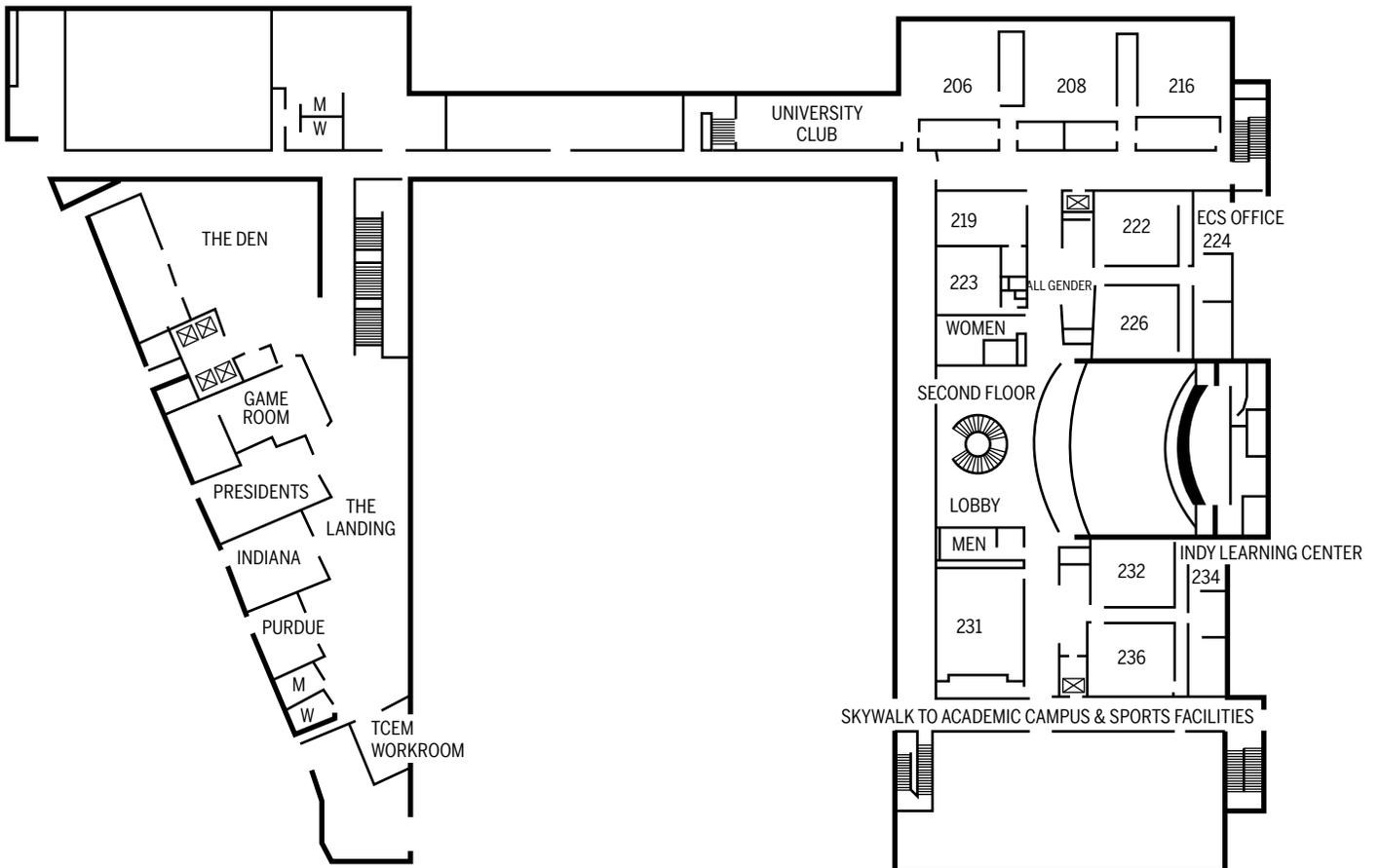
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## Continuing Medical Education Learner Information

### Course Objectives:

- Identify examples of best practices in medical education
- Recognize the current approaches to assessing and evaluating learners
- Describe how educational outcomes data can be presented and published
- Network and collaborate with educators from other IUSM departments and campuses

### Accreditation Statement



In support of improving patient care, Indiana University School of Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

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