In Celebration of Medical Education Week

presents

Advances in Medical Education 2010

Sponsored by the Office of Educational Affairs
**Educational Projects**

1. Irene Alexandraki, MD  
Department of Medicine  
J.E. Balls, V. Kumar, K. Lukens-Bull, E.A. Zenni, D. Wood  
*Introducing Public Health to Internal Medicine Residents through the Design and Implementation of an Obesity Case Module*  
Faculty Project

2. Kelly A. Best, MD  
Department of Obstetrics and Gynecology  
D.S. Lyon, B. Seibel  
*Applicant Simulation Experience: “Behavioral Interviewing” and the Task Trainer*  
Faculty Project

3. Dreama V. Brar, MD  
Department of Neurology  
L. Schnepel, B. Adkins, S. Silliman  
*Potential Utility of Scenario-Based Simulations for Teaching Neurology Residents Interpersonal Communications Skills and Systems-Based Practice*  
Resident Project

4. Patty Callison, RN, BSN, MSN  
Professional Practice and Research  
*Improving Insulin Use*  
SJMC Staff Project

5. Sophia Sheikh, MD  
Department of Emergency Medicine  
M. Desai, L. Simon, J. Sabato, S.A. Godwin, D. Vukich  
*Simulation Training for Combat Casualty Care*  
Resident Project

6. Jayson Edwards, MD  
Department of Ophthalmology  
C. Cutler Peck, A.T. Kelmenson, D.W. Hwang, K.V. Chalam, S. Grover  
*‘Residents as Educators’ – A Pilot Study in Ophthalmology*  
Resident Project

7. Gloria Dunham, MS, BSN, RN-BC  
Professional Practice and Research  
*The Use of Simulation with Nursing in an Academic Medical Center*  
SJMC Staff Project

8. Jeremy Ingram, MD  
Department of Emergency Medicine  
C. Zeretzke, J. Sabato, C. Kalynych, P. Hendry  
*Utilization of Simulation for Mass Casualty Training of Emergency Medicine Residents*  
Resident Project

9. Derek James, RN, CCRN  
Surgical Intensive Care Unit  
E. Nelson, R.M. Gauthier, K. Hanel
Inspiring Nurses to Teach
SJMC Staff Project

10. John Beach, MD
Department of Emergency Medicine
J. Sabato, L. Box
Implementation of EMS Field-Activated STEMI Protocol to Improve Door-to-Balloon Times
Resident Project

11. Amy Kelmenson, MD
Department of Ophthalmology
D.P. Edward, K.V. Chalam, S. Grover
Live Webcast Lectures as an Emerging Tool in Ophthalmic Resident Education
Resident Project

12. John S. Kirkpatrick, MD
Department of Orthopaedic Surgery
A Comparison of C1-C2 Transarticular Screw Placement after Self-Education and Mentored Education of Orthopaedic Residents
Faculty Project

13. Kevin Lee, MD
Department of Pathology
S. Shuja, B.H. Villas
Improving Patient Safety through Educational Efforts: Reducing Erroneous Entries in Electronic System Resulting in Surgical Pathology Reports Released on Wrong Patients
Resident Project

14. Ben Lenhart, MD
Department of Emergency Medicine
K. Gray-Eurom, D. Caro
ED Documentation Training in the Face of ED Overcrowding
Resident Project

15. Andrew Lim, MD
Department of Emergency Medicine
J. Sabato, Z. Dembitsky, C. Redfield, C. Kalynych
Prehospital Induced Hypothermia Sim Training
Resident Project

16. Stephanie McCormick, Pharm. D
Department of Pharmacy
T. Hogan
Preceptor Approval Process for Residency Training
Faculty Project

17. Roberta Vallish, MSN, ARNP
Professional Practice and Research
T. Holzendorf
Charge Nurse Leadership Development Program as a Retention Strategy
SJMC Staff Project

18. Amy Rockwell, Pharm. D.
Department of Pharmacy
T. Hogan
Assessment of Pharmacist Attitudes toward Mentoring PGY-1 Residency Programs
Faculty Project

19. Joan K. Sacerio, MHSA, BSN, RN-BC, CHPN
Professional Practice and Research
A Patient-Centered Approach to Pain Management
SJMC Staff Project

20. Miren Schinco, MD
Department of Surgery
A. Garcia, A. TenBroeck, S. Richardson
Pre-Medical Education
Faculty Project

21. Nicole Scott, Pharm. D.
Department of Pharmacy
D. Johnson, P. Tan
PGY-2 Critical Care Pharmacy Residency at Shands Jacksonville: The Past, the Present and the Future
Resident Project

22. Brent Seibel, MD
Department of Obstetrics and Gynecology
K. Best
Biopsy Positive: Risk Identification and Prevention of Unprofessional Behaviors in Medical Education
Faculty Project

23. Scott Silliman, MD
Department of Neurology
J. Peters, R. Bautista
Neurology Resident Epilepsy Treatment and Management Performance Measure Scorecard
Faculty Project

24. Debra Shockley Stubits, MSN, ARNP, RN-BC
Professional Practice and Research
L. Schnepel
Stroke Education in an Acute Care Setting
SJMC Staff Project

25. Michele Vicari-Christensen, DNP, ARNP, ACNP-BC, CCRN
Department of Medicine
D.S. Stubits, S. Repper, M. Vincent
Renal Transplant Nurse Expertise and Patient Satisfaction, Mortality and Length of Stay
SJMC Staff Project

26. Jose Zayas, DO
Department of Pediatrics
Increasing Scholarly Activity within a Residency Training Program
Faculty Project

27. June McAdams, Pharm.D.
Department of Pharmacy
E. Poon, M. de los Santos, N. Shami
Overview of the Pharmacy Resident Research Committee
Faculty Project

28. Sartaj Kadiwala, DO
Department of Pediatrics
N. Sharma
Newborn Nursery Survival Guide
Resident Project

29. Gurjit S. Kaeley, MD
Department of Medicine
C. Pappa, M. Dickenson
Electronic Learning in Rheumatology: Pilot Project
Faculty Project

Master Educator Fellows 2009-2010 Projects

Mohsen Akhlaghi, MD
Department of Emergency Medicine
C. Kalynych, T. Swanson, D. Brimblecom
Accuracy of ECG Interpretations by Emergency Medicine Residents and the Efficacy of Immediate Feedback by Attendings

Ayesha Mirza, MD
Department of Pediatrics
Utilization of a Healthcare Matrix Using Aims for Improvement and Core Competencies to Augment Resident/Fellow Case Presentations and Assessment of Patient Care

Tom Morrissey, MD, PhD
Department of Emergency Medicine
Does Integration of EM and IM Residents During Interactive Learning Exercises Improve Their Perceived Interactions as Physicians?

Sania Shuja, MD, PhD
Department of Pathology
C. Davis
Resident Education in Quality Improvement: Exploring Physician In-Training and Teaching Faculty’s Comprehension Regarding Quality Improvement Processes

Darnell-Cookman Middle/High School Projects

Behavioral and Social Science
Hadley McLaren (7th Grade) – The Effect of Age on Memory
Josh Nevers (8th Grade) – The Effects of Video Games on People’s Reaction Time
Zoe Sieber (10th Grade) – Using Elaborative Presentation to Improve Medical Information Retention

Biochemistry
Rory Peterson (7th Grade) – The Effect of Caffeine on the Heart Rate of Daphnia Magnus

Forensics
Tyler Hansberry (10th Grade) – The Effect with Different pH Levels on the Amount of Maggots Present in the Decomposing Rattus
Medicine and Health
Jacob Goodpasture (8th Grade) – The Effect of Different Cleaning Methods on Blood Glucose Readings
Tony Hansberry III (10th Grade) – Deep Knee Bends: Measuring Knee Stress with a Mechanical Model
Christine Joseph (7th Grade) – The Effect of Different Types of Music on Heart Coherence
Ryan Shih (8th Grade) – The Degree of Angle Deformation that a Nitinol Intravascular Stent Can Sustain

Zoology
Bryce Gall (7th Grade) – The Effect of Proteins on the Growth of Planarian

DCMHS School of Medical Arts Advisors
Doris Green
Gayle Fiser
Barbara Matteson
LeAnn Sagmeister
Angela TenBroeck

University of Florida College of Medicine – Jacksonville Advisors
Madeline Joseph, MD – Emergency Medicine
Miren Schinco, MD – Surgical Critical Care Medicine
Bruce Nappi – Administrative Director, Center for Simulation Education and Safety Research