STEERING COMMITTEE ON CLINICAL INFORMATION TECHNOLOGY (SCOCIT)
Program for Section Members
Sunday, October 10, 2004
9:00 AM – 5:30 PM

9:00 AM   **The Electronic Medical Record- The Whole Truth – a Panel Discussion**

How To Choose an EMR
Joseph H. Schneider, MD, MBA, FAAP
- Overview Standards
- Pediatric-Specific Needs
- Educating Yourself
- Shopping for an EMR
- "Kicking the Tires"

Financing, Support, and Maintenance.
Eugenia Marcus, MD, FAAP

Transitioning from Paper to Electrons
- Iimplementing a System
- Installing Software
- Training Staff and MDs
- Going Live
David M. N. Paperny, MD, FAAP, FSAM

12:00 –   **SCOCIT Business Meeting and Lunch**
1:30 PM   *(catered event ticket required for lunch)*

2:00 –   **SCOCIT Scientific Abstract Session**
4:45 PM

2:00 PM   A Computerized Program To Determine Standardized Drug Concentrations For
Continuous Medication Infusions
<u>Elora Hilmas, PharmD, BCPS</u>,[1] Mohamed Gaffoor, MD,[2] LeAnthony Mathews, RN,[2]
Vinay Vaidya, MD.[2] [1]Pharmacy, University of Maryland Medical System, Baltimore, MD;
[2]Pediatrics, University of Maryland School of Medicine, Baltimore, MD.

2:15 PM   Evaluating A Diabetes Prediction Tool With Continuous Glucose Monitoring
<u>Victoria L Franklin, MRCPCH</u>,[1] Alex W Wilson, CStat,[2] Richard A Butler, PhD,[2] Stephen
A Greene, FRCPCH.[1] [1]Maternal and Child Health Sciences, Ninewells Hospital and
Medical School, Dundee, Scotland, United Kingdom; [2]Departments of Computing and
Engineering, Robert Gordon University, Aberdeen, Scotland, United Kingdom.

2:30 PM   Safety In Pediatric Oncology: Provider Order Entry
<u>George R Kim, MD</u>,[1] Allen R Chen, MD,[2] Robert J Arceci, MD, PhD,[2] K Michelle
Kokoszka, RN,[2] Denise Daniel, RN,[2] Christoph U Lehmann, MD.[1] [1]Division of Health
Sciences Informatics, Johns Hopkins University School of Medicine, Baltimore, MD;
[2]Division of Pediatric Oncology, Johns Hopkins University School of Medicine, Baltimore,
MD.

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2:45 PM	**Comparison Of A Computerized Program For Management Of Pediatric Diabetic Ketoacidosis To A Conventional Paper-Based Clinical Pathway** Keisha G Crawford-Bell, MD,[1] Wynne Morrison, MD,[1] Vinay U Vaidya, MD.[1] [1]Pediatrics, Division of Critical Care, University of Maryland Medical Center, Baltimore, MD.
3:00 PM	**Reducing Physician Errors: Web-Based Infusion Medication Calculator** Renmeet Gujral, PharmD,[1] Michael A Veltri, PharmD,[1] John S Clark, PharmD, MS,[1] Coda L Davison, MPA,[2] Christoph U Lehmann, MD, FAAP.[2] [1]Division of Pediatric Pharmacy, Johns Hopkins Hospital, Baltimore, MD; [2]Department of Pediatrics, Johns Hopkins University, Baltimore, MD.
3:15 PM	BREAK
3:30 PM	**Learning From Errors In Ambulatory Pediatrics (LEAP)** Julie J Mohr, MSPH, PhD,[1] Carole Lannon, MD, MPH,[2] Kathy Thoma, MS,[3] Donna Woods, PhD,[4] Eric Slora, PhD,[3] Mort Wasserman, MD,[3] Lynne Uhring, MD.[3] [1]Department of Medicine, University of Chicago, Chicago, IL; [2]Pediatrics, University of North Carolina, Chapel Hill, NC; [3]Pedatric Research in Office Settings (PROS) Network, American Academy of Pediatrics; [4]Northwestern University, Chicago, IL.
3:45 PM	**Automated Surveillance Of Pneumonia In Neonates Using Natural Language Processing Of Radiology Reports** Eneida A Mendonca, MD, PhD,[1] Janet Haas, RN,MS,[2,3] Elaine Larson, RN, PhD, FAAN, CIC,[3] Carol Friedman, PhD.[1] [1]Biomedical Informatics, Columbia University, New York, NY; [2]Epidemiology, New York-Presbyterian Hospital, New York, NY; [3]School of Nursing, Columbia University, New York, NY.
4:00 PM	**Wellcaretracker™ - Linking Child Care Centers With Medical Homes - A Technology-Based "Push" Strategy To Improve Immunization And Health Screening Completeness** Jerold M Aronson, MD MPH FAAP, Stuart T Weinberg, MD FAAP. ECELS - Healthy Child Care America, PA Chapter - American Academy of Pediatrics, Media, PA.
4:15 PM	**Evaluation Of Two On-Line Pediatric Diagnosis Systems** S Andrew Spooner, MD, MS,[1] Scott C Russell, MD.[1] [1]Pediatrics, University of Tennessee Health Science Center, Memphis, TN
4:30 PM	**The Standard Sharable Active Guideline Environment** Robert M Abarbanel, MD, PhD,[1] Nick Beard, MD, MSc,[1] James R Campbell, MD,[2] Stanley M Huff, MD,[3] James G Mansfield, PhD,[4] Eric Mays, PhD,[1] Mark A Musen, MD, PhD,[5] Prabhu Ram, PhD,[1] Sidna M Scheitel, MD,[6] Samson W Tu, MS.[5] [1]Health Informatics, IDX Systems Corporation, Seattle, WA; [2]Internal Medicine, University of Nebraska Medical Center, Omaha, NE; [3]Medical Informatics, Intermountain Health Care, Salt Lake City, UT; [4]Apelon, Inc., Ridgefield, CT; [5]Stanford Medical Informatics, Stanford University, Stanford, CA; [6]Primary Care Internal Medicine and Health Care Policy and Research, Mayo Clinic, Rochester, MN.
4:45 – 5:30 PM	**Reception/View Posters**
P1	**Utility And Feasibility Of Using A Personal Digital Assistants (PDA) Database For ED Patient Followup** Abu NGA Khan, MD, MS,[1,2] Rajesh Geria, MD,[2] Antonios Likourezos, MA, MPH,[2] Giora Winnik, MD,[2] Steven J Davidson, MD, MBA.[2] [1]Pediatrics, Morgan Stanley Children Hospital, Columbia College of Physicians and Surgeons, New York, NY; [2]Emergency Medicine, Maimonides Medical Center, Brooklyn, NY.

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P2   Personal Digital Assistant (PDA) Database With Actual Signature Of The Supervising Physician - An Innovative Procedure Evaluation Logbook For The Residents

Abu NGA Khan, MD, MS.[1,2] [1]Pediatrics, Morgan Stanley Children Hospital, College of Physicians and Surgeons, Columbia University, New York, NY; [2]Emergency Medicine, Maimonides Medical Center, Brooklyn, NY.

P3   Use Of Personal Digital Assistant (PDA) As A Tool For Research Data Entry

Abu NGA Khan, MD, MS,[1,2] Joshua Frank, MD,[3] Rajesh Geria, MD,[2] Steven J Davidson, MD, MBA.[2] [1]Morgan Stanley Children Hospital,, Columbia College of Physicians and Surgeons, New York, NY; [2]Emergency Medicine, Maimonides Medical Center, Brooklyn, NY; [3]Pediatrics, Maimonides Medical Center, Brooklyn, NY.

P4   Discharge Analgesic Prescription Errors In Pediatrics: A Preliminary Study Of 105 Patients

Benjamin H Lee, MD, MPH, FAAP,[1] Peter Pronovost, MD, PhD,[1] Eric V Jackson, MD,[1] Myron Yaster, MD, FAAP.[1] [1]Departments of Anesthesiology/Critical Care Medicine and Pediatrics, Johns Hopkins Medical Institutions, Baltimore, MD.

P5   Informatics-Based Approach For Evaluating PNP Student Performance

Ritamarie John, RN, MSN, PNP,[1] Karen Desjardins, RN, MS, MPH, ANP,GNP,[1] Melinda Jenkins, RN, PhD, APRN-BCa,[1] W Dan Roberts, RN, MS, ACNP,[1] Suzanne Bakken, RN, DNSc.[1,2] [1]Columbia University School of Nursing, Columbia University, New York, NY; [2]Department of Biomedical Informatics, Columbia University, New York, NY.

P6   Assessing The Culture Of Safety In A Children's Hospital

Gitte Y Larsen, MD, FAAP,[1,2] Mary Jo C Grant, PNP, PhD,[1] Amy E Donaldson, MS.[2] [1]Pediatric Critical Care, Primary Children's Medical Center, Salt Lake City, UT; [2]Pediatrics, University of Utah, Salt Lake City, UT.

P7   Using The Continuity Of Care Record To Share Immunization And Growth Records

Alan E Zuckerman, MD.[1] [1]Pediatrics, Georgetown University School of Medicine, Washington, DC.

P8   Use Of A Novel Pediatric Body Composition Technique For Assessing Body Fatness In Infants

Kenneth J Ellis, PhD,[1] Manjiang Yao, MD, PhD,[2] William C Heird, MD,[1] William W Wong, PhD,[1] Alessandro Urlando, MS,[2] Roman J Shypailo, MS.[1] [1]Department of Pediatrics, USDA/ARS Children's Nutrition Research Center, Baylor College of Medicine, Houston, TX; [2]Life Measurement, Inc., Concord, CA.

P9   Web-Based Eligibility Survey For The Intranasal Flu Vaccine

Marc J Starer, MD, FAAP,[1,2] Janet Rahelich, RN.[1] [1]Pediatrics, Timber Lane Pediatrics, South Burlington, VT; [2]Pediatrics, Univerity of Vermont, College of Medicine, Burlington, VT.

P10   The Pediatrician's Office As A Primary Community Resource For The National Center For Missing And Exploited Children (NCMEC) And The Amber Alert System

Peter A Feinstein, M.M.S.,M.D.,FAAOS,[1,3] Michael W Harris, M.D.,FAAP.[2] [1]Orthopedic Surgery, John Heinz Institute of Rehabilitation Medicine, Wilkes-Barre, PA; [2]Pediatrics, Wilkes-Barre General Hospital, Wilkes-Barre, PA; [3]Orthopedic Surgery, Wilkes-Barre General Hospital, Wilkes-Barre, PA.

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P11   Readability Of Electronic Responses Of Clinicians To Consumers Perinatal Health Care Questions

Gregg C Lund, DO, FAAP,[1,2] Jullie Stones, BS, MBA,[1] Elmer Bernstam, MD,MSE,MS.[2] [1]Department of Information Services, Pediatrix Medical Group, Sunrise, FL; [2]School of Health Information Sciences, The University of Texas Health Science Center at Houston, Houston, TX.

P12   Comparisons Of Internet Usage Characteristics By Youth Self-Reported Depressive Symptomatology

Michele L Ybarra, PhD,[1] Kimberly J Mitchell, PhD,[2] Cheryl Alexander, PhD.[3] [1]Internet Solutions for Kids, Inc., Internet Solutions for Kids, Inc., Irvine, CA; [2]Crimes Against Children Research Center, University of New Hampshire, Durham, NC; [3]Population and Family Health Sciences, Johns Hopkins Blommberg School of Public Health, Baltimore, MD.

P13   Utilizing The World Wide Web To Write A Textbook To Enhance Faculty Professional Development

Loren G Yamamoto, MD, MPH, MBA, FAAP.[1,2] [1]Department of Pediatrics, University of Hawaii John A. Burns School of Medicine, Honolulu, HI; [2]Emergency Department, Kapiolani Medical Center for Women and Children, Honolulu, HI.

P14   Improving Immunization Compliance Using A Web-Based Tracking System

Wen Hsin Shen, MD,[1] Adrian Zai, MD-PhD.[2] [1]Department of Pediatrics, MetroHealth Medical Center, Cleveland, OH; [2]Laboratory of Computer Science, Massachusetts General Hospital, Boston, MA.

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