**SATURDAY, NOVEMBER 03, 2012**

**T07: End to End Quality Reporting from Electronic Health Records**
8:30 AM - 4:30 PM; Room: TBD
Robert Dolin; Floyd Eisenberg; Gaye Dolin

**T10: CMIO/CNIO (This tutorial continues on Sunday, November 4)**
8:30 AM - 7:00 PM; Room: TBD
Jane Carrington; Adam Cheriff; Paul Fu, Jr.; Jonathan Gold; Linda Harrington; Julie Hollberg; Joseph Kannry; David Liebovitz; Mary Beth Mitchell; Richard Schreiber; Ferdinand Velasco

**SUNDAY, NOVEMBER 04, 2012**

**T10: CMIO/CNIO (Continued from Saturday, November 3)**
8:30 AM - 12:00 PM; Room: TBD
Jane Carrington; Adam Cheriff; Paul Fu, Jr.; Jonathan Gold; Linda Harrington; Julie Hollberg; Joseph Kannry; David Liebovitz; Mary Beth Mitchell; Richard Schreiber; Ferdinand Velasco

**T16: Leveraging Electronic Health Records for Clinical Quality Measurement and Performance Reporting**
8:30 AM - 12:00 PM; Room: TBD AMIA-0190-A2012.
Leveraging Electronic Health Records for Clinical Quality Measurement and Performance Reporting
Anil Jain; Stephen Hayden

**S01: Panel - Enhancing Patient Safety and the Quality of Care with Improved Usability of Health Information Technology: Recommendations from AMIA**
3:30 PM - 5:00 PM; Room: TBD AMIA-0183-A2012.
Enhancing Patient Safety and the Quality of Care with Improved Usability of Health Information Technology: Recommendations from AMIA
Charlotte Weaver; Blackford Middleton; Mark Dente; Samuel Rosenbloom

**S10: State of the Practice - Clinical Decision Support**
3:30 PM - 5:00 PM; Room: TBD AMIA-0337-A2012.
The Life Cycle of Clinical Decision Support(CDS): CDS Theory and Practice from Request to Maintenance Joseph Kannry; David Bates; Tonya Hongsermeier; Michael Krall; Thomas Yackel
4:00 PM - 4:30 PM  AMIA-0577-A2012.  
The Science Behind Health Information Technology Implementation: Understanding Failures and Building on Successes  
Kim Unertl; Laurie Novak; Cindy Gadd; Nancy Lorenzi

4:30 PM - 5:00 PM  AMIA-0658-A2012.R1.  
The Practice of Clinical Decision Support: Applying Standards and Technology to Deliver Knowledge-Driven Interventions  
Robert Jenders; Guilherme Del Fiol; Kensaku Kawamoto

5:30 PM - 7:00 PM; Joliet (Hilton Chicago)  
Clinical Decision Support Working Group Business Meeting

5:30 PM - 7:00 PM; Lake Ontario (Hilton Chicago)  
People and Organization Issues Working Group Business Meeting

MONDAY, NOVEMBER 05, 2012

10:30 AM - 12:00 PM; Room: TBD  AMIA-0026-A2012.R1  
S12: Panel - Unintended Consequences of Health Information Exchange: Identifying the Issues and Mitigating the Impact  
Julie McGowan; Gilad Kuperman; Shaun Grannis; P. Jon White; Kathy Kenyon

10:30 AM - 12:00 PM; Room: TBD  AMIA-0517-A2012  
S14: Panel – Meaningful Use of End-of-Life Data in EHR Systems: Multidisciplinary Challenges and Opportunities  
Gail Keenan; Ashfaq Khokhar; Yingwei Yao; Andrew Johnson; Diana Wilkie

10:30 AM - 12:00 PM; Room: TBD  AMIA-0786-A2012  
S15: Panel - Computerized Provider Documentation: Impact and Implications for Healthcare Practice, Quality, and Research in the Meaningful Use Era  
Peter Embi; Charlene Weir; Kenric Hammond; Samuel Rosenbloom

10:30 AM - 12:00 PM; Room: TBD  AMIA-0201-A2012  
S21: State of the Practice - Clinical Informatics  
Safer electronic health records: Using the science of Informatics to develop safety assessment guides  
Dean Sittig; Joan Ash; Adam Wright; Hardeep Singh
Electronic Tools for Cognitive Support During Resident Handoffs: State of the Practice and Future Directions
Karen Dunn Lopez; Vineet Arora; Andrew Johnson; Andrew Boyd; Gail Keenan; Diana Wilkie

Managing the Flood of Codes: maintaining patient problem lists in the era of Meaningful Use and ICD10
Samuel Rosenbloom; Edward Shultz; Adam Wright

Impact of Meaningful Use and Organizational Strategies for Success
William Stead; David Bates; George Hripcsak; Kevin Johnson; Walter Stewart

Opportunities to Support Complex Medical Decisions Through Informatics
Donna Zulman; Mary Goldstein; Mark Musen; Roberto Rocha

Regenstrief Institute’s Next-Generation Clinical Decision Support System
Jon Duke; Burke Mamlin; Doug Martin

Discharge Decision Support to Identify High Risk Patients and Reduce Readmissions
Eric Heil; Mrinal Bhasker; Matt Tanzer; Kathryn Bowles

Leveraging Health Information Exchange to Address Inter-facility Patient Transfers
Joshua Richardson; Harrison Fox; Mary Frances Thaler; Gregory Fortin; Audrey Compton

mHealth Decision Support System for Guideline-based Care: An RCT
Suzanne Bakken; Elizabeth Chen; Jeeyae Choi; Haomiao Jia; Rita John; Nam-Ju Lee; Eneida Mendonca; Willaim Roberts; Olivia Velez
3:50 PM - 4:10 PM; Room TBD AMIA-0756-A2012.R1.
Study of the factors that promoted the implementation of Electronic Medical Record on iPads at Two Emergency Departments
Akhil Rao; Terrence Adam; Raymond Gensinger; Bonnie Westra

EHR on the Move: Resident Physician Perceptions of iPads and the Clinical Workflow
Colin Walsh; Peter Stetson

4:30 PM - 4:50 PM AMIA-0931-A2012.
Development of a data infrastructure to support text messaging use for patient-provider communication and automated integration of patient-reported information into an EHR
Andy Steele; Henry Fischer; Susan Moore; Jeff Berschling; Cecilia Rice-Peterson; Adam Medford

**S40: Papers/Podium Presentations - EHR Training and Usage**

3:30 PM - 5:00 PM; Room: TBD AMIA-1071-A2012.R1
Quality Assurance in LOINC using Description Logic
Tomasz Adamusiak; Olivier Bodenreider

A Qualitative Analysis of EHR Clinical Document Synthesis by Clinicians
Oladimeji Farri; David Pieczkiewicz; Ahmed Rahman; Serguei Pakhomov; Terrence Adam; Genevieve Melton

Advanced Proficiency EHR Training: Effect on Physicians’ EHR Efficiency, EHR Satisfaction and Job Satisfaction
M. Tariq Dastagir; Homer Chin; Michael McNamara; Kathy Potrej; Sarah Battaglini; Lauren Alstot

Duplicate Patient Records – Implication for Missed Laboratory Results
Erel Joffe; Charles Bearden; Michael Byrne; Elmer Bernstam
How Many Medications are Entered through Free-text in EHRs? - A Study on Hypoglycemic Agents
Li Zhou; Lisa Mahoney; Anastasiya Shakurova; Foster Goss; Frank Chang; David Bates; Roberto Rocha

Development of a Novel Tool for Engaging Children and Parents in Asthma Self-Management
Flory Nkoy; Bryan Stone; Bernhard Fassl; Karmella Koopmeiners; Sarah Halbern; Eun Hea Kim; Justin Poll; Joseph Hales; Dillon Lee; Christopher Maloney

4:10 PM - 4:30 PM AMIA-0898-A2012.
Implementing Evidence-Based Quality Improvement and Patient Kiosks in Specialty Mental Health: Improving Employment Services and Outcomes
Alexander Young; Amy Cohen; Alison Hamilton; Fiona Whelan; Anna Teague; Eran Chemerinski; Max Schubert; Christopher Reist

Characterizing the Use and Contents of Free-Text Family History Comments in the Electronic Health Record
Elizabeth Chen; Genevieve Melton; Timothy Burdick; Paul Rosenau; Indra Sarkar

Poster Session 1
5:00 PM - 6:30 PM; Exhibition Hall
AMIA-0741-A2012.R1. Development of an Informatics-Based Predictive Model for 30-Day Readmission Customized for a Single Hospital System
Courtney Hebert; Jared Wasserman; Randi Foraker; Stanley Lemeshow; Hagop Mekhjian; Philip Payne; Peter Embi

Megha Kalsy; Bruce Bray; Jennifer Garvin; Katherine Sward
AMIA-0227-A2012. Frequency Analysis of the Medical Providers’ Access to Past Patient Clinical Information via an EHR System
Kengo Miyo

AMIA-0008-A2012. Building a Nursing Information System with Standardized Nursing Terminologies in Korea to promote Data Interoperability
Hyejin Park

AMIA-0168-A2012. Meaningful Use Quality Reporting: Multiple Roles, Measures, and Facilities
Ryan Sandefer

AMIA-0851-A2012.R1. The Path to Meaningfully Use at a Large HIT-Enabled Academic Medical Center
Victoria Tiase; Aurelia Boyer; Virginia Lorenzi; Adam Wilcox; I-Ping Shue

Pedro Caraballo; Kristy Doan; Bruce Morlan; Kristina Haugaa; J. Martijn Bos; Rick Nishimura; Michael Ackerman

AMIA-0314-A2012. Creating a More Readable Electronic Health Record (EHR) Model: Analysis of Primary Care Physicians’ Information Needs
Martina Clarke; Jeffery Belden; Richelle Koopman; Linsey Steege; Joi Moore; Shannon Canfield; John Tucker; Min Kim

Peter Haug; Nathan Hulse; David Yauch; Emory Fry; Samson Tu; Mary Goldstein; Pamela Kum; Robert Greenes

AMIA-1026-A2012. Engaging Clinicians in Clinical Systems Development
Laura Heermann Langford; Katherine Repko; Pam Farrell

AMIA-0148-A2012.R1. Validation of a Risk Assessment Scale for Predicting Pressure Ulcers in Critical Care Using EHR Data
Sookyung Hyun; Brenda Vermillion; Linda Ruh; Susan Moffatt-Bruce
Naqi Khan; Samuel Rosenbloom

Valmeek Kudesia; Leonard D'Avolio

AMIA-0244-A2012. Improving Discharge Summaries: Leveraging Process, Technology and Culture Change  
Andrew Buchert; Stephanie Dewar; James Levin

AMIA-0128-A2012. Using an On-Line Personal Health Record to Reduce Hospital Readmissions  
 Carlton Moore; Maria Sanchez; Monica Reed; Anna Cameron; Jayashri Mehta; Charles Spain

Michael Phipps; Hajime Tokuno; Nallakkandi Rajeevan; Forrest Levin; Sandra Frawley; Cynthia Brandt; Perry Miller

AMIA-0173-A2012.R1. Physician Perceptions of Community-Based EHR Implementations  
Joshua Richardson; Erika Abramson; Elizabeth Pfoh; Rainu Kaushal

Kshitij Saxena; Judith Reed

AMIA-0796-A2012. Clinical Decision Support with Natural Language Processing for Cervical Cancer Screening  
Kavishwar Wagholikar; Kathy MacLaughlin; Michael Henry; Robert Greenes; Hankey Ronald; Hongfang Liu; Rajeev Chaudhry

David Yauch; Pamela Kum; Samson Tu; Peter Haug; Nathan Hulse; Emory Fry; Robert Greenes; Mary Goldstein
AMIA-0060-A2012. An Evaluation of Clinical Decision Support Alert Overrides in Primary Care Clinics
Sarah Slight

AMIA-0631-A2012. Information Foraging Behavior in a Trauma Emergency Department
Ning Shang; Thomas Kannampallil; Amy Franklin

AMIA-0500-A2012. Anatomy of a preventable adverse drug reaction: Dissecting the aftermath using concepts of workflow and routines
Saira Haque; Carsten Oesterlund; Lawrence Fagan

AMIA-0193-A2012. Analysis of voice-transcription software on outpatient charting efficiency
Ravy Vajravelu; David Kaelber

Peter Killoran; Jiajie Zhang

AMIA-0175-A2012. iPads vs. Pen-based Portable PCs: Eye Tracking Evaluation of a Universal EHR Interface Design
Andrea Mahnke; Natalie Yoder; Robert Moritz; Nathan Curtis; Chris Detzi; Simon Lin

AMIA-0306-A2012. Electronically Assessing Components of a Primary Care Consultation
Yonas Tamrat; Shane Reti; Henry Feldman; James Gray; Daniel Sands; Charles Safran

Brittany Melton; Alissa Russ; Bruce Carlstedt; Jon Duke; Alan Zillich

AMIA-0452-A2012. Using a Patient Portal to Communicate Laboratory Test Results in Community Practices
Caitlin Colling; Lynn Volk; Chelsea Jenter; Marti Dembowitz; David Bates; Steven Simon

AMIA-0185-A2012. Barriers to and Facilitators of Community-Based Health Information Technology Implementation
Thomas Campion; Lisa Kern; Alison Edwards; Renny Thomas; Stephen Johnson; Rainu Kaushal
AMIA-0048-A2012. Usability of Selected Databases for Low-Resource Clinical Decision Support
Lincoln Sheets; Alex Gavino; Fang Liu; Paul Fontelo

AMIA-0303-A2012. Use of Tablet Computers at the Point-of-Care: A Case Study from the Philippines
Alvin Marcelo; Iris Thiele Isip-Tan; Leilanie Apostol-Nicodemus; Faith Joan Mesa-Gaerlan; Paul Nimrod Firaza; John Francis Jr Faustorilla; Alex Gavino; Paul Fontelo

AMIA-0598-A2012. Project Galen: User-Centered Tablet EHR Development
Ronald Vullo; Nicolas Thireos; Chad Weeden; Edward Holden

8:00 PM - 10:00 PM; Williford C (Hilton Chicago)
Clinical Information Systems Working Group Business Meeting

TUESDAY, NOVEMBER 06, 2012

8:30 AM - 10:00 AM; Room: TBD
S44: Featured Presentation - Informatics Year in Review
Daniel Masys

10:30 AM - 12:00 PM; Room: TBD
S48: Panel - From Guidelines to Clinical Decision Support: A Unified Approach to Translating and Implementing Knowledge
Blackford Middleton; Kensaku Kawamoto; Jacob Reider; Douglas Rosendale; Richard Shiffman

10:30 AM - 12:00 PM; Room: TBD AMIA-0539-A2012
S50: Panel - Improving Usability, Quality and Safety: Key Lessons from Airplane Cockpit Design
Thomas Payne; Keith Butler; Frank Ruggiero; Blackford Middleton

S54: Papers/Podium Presentations - Clinical Decision Support and Cognition

10:30 AM - 12:00 PM; Room: TBD AM AMIA-0265-A2012.R1
Applying Human Factors Principles to Improve Medication Alerts
Alissa Russ; Alan Zillich; Brittany Melton; Jeffrey Spina; Michael Weiner; Scott Russell; Mildred McManus; Amanda Kobylnski; Bradley Doebbeling; Jason Hawsey; Anthony Puleo; Elizabette Johnson; Jason Saleem
Reducing Free-Text Communication Orders Placed by Providers Using Association Rule Mining
Zahra Hajihashemi; Paul Pancoast

I meant that med for Baylee not Bailey!: A mixed method study to identify incidence and risk factors for CPOE patient misidentification
Hannah Levin; James Levin; Steven Docimo

The Orderly and Effective Visit: Impact of the Electronic Health Record in Modews of Cognitive Control
Charlene Weir; Frank Drews; Molly Leecaster; Robyn Barrus; Jonathan Nebeker
Issues in Creating and Maintaining Value Sets for Clinical Quality Measures
Rainer Winnenburg; Olivier Bodenreider

S74: Papers/Podium Presentations - Evaluation of EHRs

Clinician Acceptance of Electronic Medical Records (EMRs)
Molly McClellan; Julie Jacko; Francois Sainfort; Sandra Potthoff; James Fricton

The Relationship Between Structural Characteristics of Electronic Clinical Texts and Ratings of Document Quality
Shuying Shen; Brett South; Jorie Butler; Robyn Barrus; Charlene Weir

Ensuring Patient Safety in Care Transitions: An Empirical Evaluation of a Handoff Intervention Tool
Joanna Abraham; Thomas Kannampallil; Bela Patel; Khalid Almoosa; Vimla Patel

Poster Session 2
5:00 PM - 6:30 PM; Exhibition Hall

Will Meaningful Use Bridge or Widen the EHR Adoption Gap?
Elizabeth Davidson; Ellen Hoffman

An electrocardiogram on QR code
Masaharu Nakayama; Hiroaki Shimokawa

Predictors of Health Information Technology (HIT) Adoption in Texas Long-Term Care Facilities
Rick Nauert PT, MHF, MHA, PhD; Catherine Pepper; Vickie Nguyen, MA; Craig Johnson

Educating physicians in meaningful use of information technology for medication management (MMIT), a conceptual framework
F van Stiphout; Jos Aarts; Liset van Dijk; Jeannette Zwart; Toine Egberts; Edith ter Braak
Sanjeev Tandon; James Daniel; Mark Jensen

AMIA-0488-A2012. Visualizing Omaha System Nursing Interventions Via Stream Graphs
Era Kim; Karen Monsen; David Pieczkiewicz

AMIA-0768-A2012. Measuring Patient Preferences for the Primary Care Referral Process
Robert Dunlea; Leslie Lenert; Charlene Weir

AMIA-0079-A2012. Validation of Real-Time Automatic Calculation of the SOFA Score for Use in an ICU Patient Viewer
Andrew M. Harrison; Rodrigo Cartin-Ceba; Hemang Yadav; Brian Pickering; Andrew Hanson; Daryl Kor; Vitaly Herasevich

AMIA-0687-A2012. Implementing a Hypoglycemia Risk Prediction Algorithm as a Clinical Decision Support Alert
Kevin Heard; Michael Elliott; Stephen Schafers; Elizabeth Pratt; Clare Blackburn; Nicholas Hampton; Paul Milligan; Garry Tobin

Justin Hubbard; Shane Reti; Howard Wolpert; Charles Safran

AMIA-0005-A2012. Adverse Drug Events caused by Serious Medication Administration Errors
Abhivyakti Kale; Carol Keohane; Saverio Maviglia; Tejal Gandhi; Eric Poon

AMIA-0023-A2012.R1. Decision Support to Ensure Proper Follow-up of PSA Testing
Francine Maloney; Gianna Zuccotti; Lipika Samal; Julie Fiskio; Adam Wright

AMIA-0469-A2012. Relationship between Documentation Method and Quality of Visit Notes
Pamela Neri; Lynn Volk; Stephanie Pollard; Amy Fitzpatrick; Samuel Edwards; Harley Ramelson; Gordon Schiff; David Bates
AMIA-0751-A2012. Informatics Opportunities for Better Anticoagulation Management
Mustafa Ozkaynak; Bengisu Tulu; Abir Kanaan; Jennifer Donovan; Adam Rose; Sharon Johnson

AMIA-0459-A2012. EMR Practicum-II at University of Wisconsin-Milwaukee: Transition of Norris Health Center from Paper Forms to EMR
Timothy Patrick; Nazanin Tabesh-Saleki; Rami Owais; Zubair Dhala; Maryanne Wawrzyn

AMIA-0249-A2012. Understanding Medical Providers Information Management Strategies
Lori Polzin; Erin Long; Sara Engler; Robert Moritz; Po-Huang Chyou; Amit Acharya

AMIA-0228-A2012. Discharge summaries often lack explicitly clear medication reconciliations and explanations of medical reasoning regarding changes in regimens.
Farrant Sakaguchi; Leslie Lenert; Michael Strong

AMIA-0616-A2012. Measuring Data Quality in an Ambulatory Electronic Health Record
Elisabeth Scheufele; Candace White; Michael Esters; Jonathan Einbinder

5:00 PM - 5:00 PM AMIA-0899-A2012. A Needs Assessment of Critical Care Physicians: Data Presentation for Anemia as a Prototypical Clinical Problem
Edna Shenvi; Robert El-Kareh

Dean Sittig; Allison McCoy; Adam Wright; Amy Franklin; Trevor Cohen

AMIA-0086-A2012. Enabling Clinicians to Directly Deploy Clinical Logic in a Patient Safety Dashboard
Evan Kirshenbaum; Jaap Suermontd; Natalie Pageler; Chris Longhurst; Jessica Wayne; Margie Godin; Andrew Shin; Deborah Franzon

Alisha Tucker

Dean Yergens; Christopher Doig; John Ray; Brent Winston
AMIA-0482-A2012. Information Variability in Emergency Department Sign-Out Procedures
Vickie Nguyen; Nnaemeka Okafor; Amy Franklin

AMIA-0032-A2012. Where Do Physicians Direct Their Attention When Reading Electronic Notes?
Patrick Brown; Brian Amster; Jenna Marquard; Matthew Romoser

AMIA-0763-A2012. Use of Open Source Tools (Diff and Diffstats) to Determine the Magnitude of Change Between Sequential Daily Progress Notes on Inpatient Medical Service
Hershan Johl

AMIA-0562-A2012.R1. Inside The Highly Interactive Handoff
Alisabeth Shine;lena Mamykina; R. Stanley Hum; barbara Sheehan; David Kaufman

AMIA-0738-A2012. Exploring E-Prescribing Task Flow and Design in Commercial EHRs
Yuanyuan Li; Muhammad Walji; Amy Franklin; Jiajie Zhang

AMIA-1096-A2012.R1. End-users’ input and their satisfaction with Computerized Physician Order Entry (CPOE) in Intensive Care Unit (ICU)
Shamim Usman

AMIA-0052-A2012. Usability Testing of a Novel System for Patient-Provider Messaging in a Health Information Exchange Environment
Jessica Ancker; Melissa Miller; Sudeep Hegde; Kunal Agarwal; Rainu Kaushal; Ann Bisantz

AMIA-0750-A2012.R1. Care coordination metrics in a health information exchange enabled environment
Sarah Johnson; Jason Shapiro; Gilad Kuperman

AMIA-0825-A2012. An automated transition to ICD-10 encoding
Rob Wynden; Henry Grause; Ketty Mobed; Hari Rekapalli; Prakash Lakshminarayanan; Mark Weiner

AMIA-0689-A2012. Diabetes and Susceptibility to Infection: A Study of Lab Culture Results in the EMR
Lisa Bastarache; Wei-Qi Wei; Joshua Denny
AMIA-1018-A2012.R1. Investigating Nursing Handoffs with Automated Topic Identification
Nancy Staggers; Kristina Doing-Harris; Charlene Weir

AMIA-0377-A2012. TURFS: A tool to Semi-Automate Usability Assessments of EHRs
Deevakar Rogith; Min Zhu; Muhammad Walji; Amy Franklin; Jiajie Zhang

AMIA-0342-A2012. Successful Project Initiation in Health Services: Case Studies of Three TeleStroke Implementations
Dora Luz Arango; Allison Tuma; Cynthia LeRouge; Bengisu Tulu

Kelly Zeng; Wei Ma; Andrew Rickert; Soma Lanka; John Kilbourne; Chris Hui; Stuart Nelson

Eungyoung Han; Peter Haug

AMIA-0854-A2012. Which Terminology Best Represents Defined Perinatal Nursing Elements?
Catherine Ivory

5:30 PM - 7:00 PM; Boulevard C (Hilton Chicago)
Ethical, Legal, and Social Issues Working Group Business Meeting

5:30 PM - 7:00 PM; Northwest 3 (Hilton Chicago)
Evaluation Working Group Business Meeting

PM - 7:00 PM; Williford A/B (Hilton Chicago)
Nursing Informatics Working Group Business Meeting 5:30

5:30 PM - 7:00 PM; Waldorf (Hilton Chicago)
Primary Care Informatics Working Group Business Meeting

7:00 PM - 8:00 PM; Williford C (Hilton Chicago)
Nursing Informatics Working Group Reception
WEDNESDAY, NOVEMBER 07, 2012

8:30 AM - 10:00 AM; Room: TBD  AMIA-0523-A2012.R1
S80: Panel - Challenges in Electronic Health Record Implementation: Making Meaningful Use Meaningful for Specialists and Primary Care Providers
Michael Chiang; Christoph Lehmann; Thomas Yackel; Jessica Kahn

8:30 AM - 10:00 AM; Room: TBD AMIA-0347-A2012
S84: Papers/Podium Presentations - CDS and CPOE
Enhancing a Computerized Order Entry System to Intercept Wrong-Patient Orders
Robert Green; Susan Bostwick; George Hripcsak; Suzanne Bakken; Eliot Lazar; Mary Quinn; Tony Dawson; David Vawdrey

Data-driven Order Set Generation and Evaluation in the Pediatric Environment
Yiye Zhang; James Levin; Rema Padman

An Application for Monitoring Order Set Usage in a Commercial Electronic Health Record
Cadran Cowansage; Robert Green; Alexander Kratz; David Vawdrey

Application of Preference-Oriented Decision Making to Multimorbidity for Computerized Decision Support: Decision Analysis and Analytic Hierarchy
Joshua Goldner; Samson Tu; Mary Goldstein; Susana Martins; Pamela Kum; Csongor Nyulas; Mark Musen

8:30 AM - 10:00 AM; Room: TBD AMIA-0439-A2012
S85: Papers/Podium Presentations - Patient Communication
PAINRelieveIt: Just-in-Time Decision Support and Tailored Patient Education for Cancer Pain Control
Diana Wilkie; Robert Molokie; Kay Judge; Marie Suarez; Young Ok Kim

Hedging their Mets: The Use of Uncertainty Terms in Clinical Documents and its Potential Implications when Sharing the Documents with Patients
David Hanauer; Yang Liu; Qiaozhu Mei; Frank Manion; Ulysses Balis; Kai Zheng
8:30 AM - 10:00 AM; Room: TBD AMIA-0267-A2012.R1
S86: Papers/Podium Presentations - Health Information Exchange 1
Push and Pull: Physician Usage of and Satisfaction with Health Information Exchange
Thomas Campion; Jessica Ancker; Alison Edwards; Vaishali Patel; Rainu Kaushal

8:50 AM - 9:10 AM AMIA-0279-A2012.
Impact of Health Information Exchange on Diagnostic Testing
Esteban Hebel; Blackford Middleton; Maria Shubina; Alexander Turchin

Comprehensive, Population-based, Peer-to-Peer Health Information Exchange and Clinical Data Repository Creation among Rural Practices and County Public Health Departments: The SE MN Beacon Community
Christopher Chute; Alex Alexander; Timothy Peters; Kris Riess; Rod Hughbanks; Lacey Hart; Larry Lemmon; Danial Jensen; Calvin Beebe

Patient Crossover between Healthcare Systems in Indiana
Blaine Takesue; Marc Overhage; Shaun Grannis; Jane Wang; Siu Hui; Marc Rosenman

10:30 AM - 12:00 PM; Waldorf (Hilton Chicago) AMIA-0980-A2012.R1.
Jeffrey Klann; Adam Wright; Allison McCoy; Shawn Murphy

10:30 AM-12:00 PM
S97: Papers/Podium Presentations - Medication Management and Workflow

Automated Dose Rounding of e-Prescriptions: A Feasibility Study
Kevin Johnson; Yun-Xian Ho; S. Spooner; Stuart Weinberg

Potassium-Increasing Drug-Drug-Interactions: Need for Specific Alerts
Emmanuel Eschmann; Patrick Beeler; Vladimir Kaplan; Markus Schneemann; Gregor Zuent; Juerg Blaser

Ontological approach for safe and effective polypharmacy prescription
Maria Grando; Susan Farrish; Cynthia Boyd; Aziz Boxwala

Effectiveness of Bar Coded Medication Alerts for Elevated Potassium  
Ryan Radecki; Allison McCoy; Anwar Sirajuddin; Robert Murphy; Dean Sittig

S98: Papers/Podium Presentations - EHRs, Terminologies, and Standards

Toward a Virtual Lifetime Electronic Record: The Department of Veterans Affairs Experience with the Nationwide Health Information Network  
Omar Bouhaddou; Jamie Bennett; Jennifer Teal; Margaret Pugh; Melissa Sands; Frank Fontaine; Marie Swall; Sanjay Dhar; Anthony Mallia; Brian Morgan; Timothy Cromwell

Standardized Mapping of Nursing Assessments across 59 U.S. Military Treatment Facilities  
Tiffany Harman; Rachael Seeley; Ivete Oliveira; Amy Sheide; Tosh Kartchner; Dean Woolstenhulme; Patricia Wilson; LM Lau; Susan Matney

Synergism between the Mapping Projects from SNOMED CT to ICD-10 and ICD-10-CM  
Kin Wah Fung; Junchuan Xu

Competing Interpretations of Disorder Codes in SNOMED CT and ICD  
Stefan Schulz; Alan Rector; Jean Marie Rodrigues; Kent Spackman

S100: Papers/Podium Presentations - EHR Usability
10:30 AM - 12:00 PM; Williford B (Hilton Chicago)

Usability Problems and Patient Safety Risks in EHR Design  
Amy Franklin; Debora Simmons; Krisanne Graves; Zhen Zhang; Craig Harrington; Muhammad Walji; Jiajie Zhang
Rapid Usability Assessment of Commercial EHRs
Muhammad Walji; Amy Franklin; Zhen Zhang; Krisanne Graves; Yuanyuan Li; Yingliu Gu; Debora Simmons; Jiajie Zhang