AMIA 2016 Annual
Symposium Sessions Available for CE – Dentists

Saturday Nov 12, 2016

T01: Patient Engagement and Consumer-Facing Health Information Technologies
T02: Big Data Technologies for Biomedical Knowledge Discovery
T03: Analysis of Human Interactive Behavior for Improving Health IT Usability and Minimizing Patient Safety Risks
T04: An Introduction to Natural Language Processing Methods in Clinical Research
T06: AMIA 2016 CMIO Workshop
T07: Beyond the RCT: Practical Study Designs for Evaluating Informatics in the Learning Health System
T08: You Had Me at Hello: Telling Your Biomedical Informatics Story Through Film
T10: Resources for Analyzing Drug Prescription Datasets
T11: Computational Phenotyping Methods
T18: 3rd International Workshop on Genome Privacy and Security (GenoPri’16)
WG01: Effective Change Management Techniques for Health IT Implementation and Optimization
WG02: Workshop on Visual Analytics in Healthcare
WG03: Natural Language Processing Working Group Pre-Symposium: Graduate Student Consortium and Hackathon
WG04: Primary Care Informatics in the Second Decade of Health Information Technology; Challenges, Lessons Learned and Work Remaining to be Done
WG05: Data Mining for Medical Informatics (DMMI) Learning Health
WG06: Designing Next Generation of Clinical Decision Support for Nursing from Hospital to Homecare: AMIA Nursing Informatics Group Pre-Symposium Tutorial
WG07: Aligning Consumer Health Informatics Tools with Patient Work: Translating Research Findings into Technology Design
Sunday Nov 13, 2016

T09: Clinical Decision Support: A Practical Guide to Developing Your Program to Improve Outcomes

T12: Innovations in Interoperability & Standards Implementation: HL7 FHIR & the Argonaut Project

T13: Agile Clinical Decision Support

T14: Building Successful Natural Language Processing Applications in Clinical Research and Healthcare Operations

T15: Large Scale Clinical Text Processing and Process Optimization

T16: Social Media Research in the Health Domain

T17: Disseminating Informatics Knowledge: Peer-review and Scholarly Publications

WG08: Ethical, Legal and Social Issues A 20th Anniversary Pre-Symposium

WG09: Clinical Research Informatics Working Group Pre-symposium: The Emerging Role of the Chief Research Informatics Officer in Academic Medical Centers

WG10: Patient-Generated Health Data in Action

WG11: Quantitative Imaging and Imaging Informatics in the Era of Precision Medicine

WG12: Mind the Communications Gap: Communicating About Biomedical Informatics with the Public

Opening Session and Keynote Presentation: Jessica Richman, MS, DPhil, uBiome

S01: Panel - Patient Generated Data: the Missing Link in Patient Centered Care?

S02: Papers - Extracting and Detecting for Literature or Notes

S03: Panel - Watson Cognitive Computing for Electronic Medical Records

S04: Wait, my Patient is Where? Promises, Challenges, and Impact of Automated Event Notification Systems

S05: Podium Presentations - Complex Care: New Data, New Approaches

S06: Papers - Analytics, Costs, Utilization, & Data Quality

S07: Podium Presentations - Terminologies: Nursing, Oncology, and Dentistry
S08: Panel - Building Software Platforms that Integrate with the EHR: Implementations, Frameworks, and Industry Experiences

S09: Panel - The Human Microbiome: Informatics Challenges and Opportunities

S10: Systems Demonstrations – Patient Reporting Tools

S11: ACMI Featured Presentation - Enduring Challenges in Biomedical and Health Informatics - Celebrating the 40th Anniversary of SCAMC

**Monday Nov 14, 2016**

S12: Papers - Online Communities and Peer Support

S13: Podium Presentations - NLP: Approaches and Applications

S14: Papers - Insights from Connected Data


S16: Panel - Protecting Patient Privacy in Cyber Environments

S17: Panel - Extending Commercial Electronic Health Record Systems through Interoperable Applications and Services: Experiences and Lessons Learned from Four Leading-edge Institutional Programs

S18: Papers - Making Semantic Representation Meaningful

S19: Podium Presentations - Innovations in Translational Medicine

S20: Panel - Electronic Case Reporting: 3600 Perspective by Public Health, Informatics, and Healthcare Stakeholders

S21: Systems Demonstrations - Comprehending Large-scale Data

S22: Late Breaking Session - Accreditation, Certification, and Recognition: The AMIA strategy supporting the professionalization of Health Informatics

S23: Papers - Patient-generated Health Data

S24: Panel - The Best of Imaging Informatics Research 2016

S25: Podium Presentations - Applying Data Science Methods to EHRs

S26: Panel - Global e-Health: The Latin American Perspective

S27: Papers - Advances in Privacy and Security

S28: Podium Presentations – Clinical Decision Support
S29: Papers - Making it SNOMED

S30: Panel - Personalized and Precision Medicine At Scale Genetic Testing and Clinical Intervention in a Large Population

S31: Papers - Smart Data Modeling

S32: Systems Demonstrations - Guiding in mHealth

S34: Papers - Supporting Babies to Adolescents

S35: Panel - Building a Research Ecosystem upon the Early Success of ResearchKit

S36: Panel - Ensuring Reproducibility in Observational Research: Building and Sharing Knowledge Resources in the OHDSI Network

S37: Panel - The OpenMRS Community's Experience: A Decade of Developing and Implementing Medical Record Systems Within Constraint

S38: Panel - Mental Health/Substance Use Disorder Care, Privacy, and HIT: Can We Make it All Work?

S39: Papers - Supporting Knowledge Acquisition for Decision Support

S40: Papers - Representations and Relationships

S41: Podium Presentations – Developing Health Technologies for Community Providers


S43: Systems Demonstrations – Workforce Training through NLP

S45: Panel - Transforming Patient-generated Data for Wellness and Biomedical Research: From Behavioral Sensing to Decision Support

S46: Papers - Using NLP in Clinical Care and Research

S47: Paper - Trajectories of Care: Understanding Change over Time

S48: Late Breaking Session - Reports on Publications, CCIO Workforce Development, and Cyber-Social Learning Systems

S49: Podium Presentations – Policy


S52: Podium Abstract – Harnessing Electronic Health Data

S53: Panel - Interactive Systems in Healthcare

S55: Systems Demonstrations – Utilizing SMART for Interoperability and Decision Support
Tuesday Nov 15, 2016

S54: Papers - Design and Adoption of Electronic Health Records

S57: Papers - Expanding the Patient Portal

S58: Papers - Making sense through NLP

S59: Podium Presentations - Using Data Science to address Clinical Problems

S60: Late Breaking Session - Winds of Change: What Policies Will Survive the New Administration and New Congress?

S61: Papers - Safety and Interruptions

S62: Papers - Developing and Evaluating Clinical Documentation

S63: Podium Presentations – Modeling Here, There, and Everywhere

S64: Panel - Visualization of Patient-reported Outcomes

S66: Systems Demonstrations - Systems for Biomedical Data Discovery and Use

S68: Podium Presentations – Designing Consumer Health IT for Engagement

S69: Papers - NLP for Patient Satisfaction and Questions

S70: Panel - Big Data for Healthcare and Life Sciences: Learning Useful Insights from Imperfect Data

S71: Panel - From the Trenches – Issues Facing Clinical Informatics Administrative Clinicians in the Primary Care Setting

S72: Student Design Challenge – Engaging Providers and Patients in Precision Medicine

S73: Podium Presentations - Making Care Safe

S74: Podium Presentations - Innovations in Clinical Informatics

S75: Papers - Models, Simulations, and Forecasting in Public Health

S76: Panel - Report from the ED-WG Frontline: Biomedical and Health Informatics Baccalaureate (BHIB) Course

S78: Late Breaking Session – Ignite Presentations – 3

S79: Papers - Patient Experience across the Continuum

S80: Papers - Automatic Classification for Adverse Events Prediction
S81: Panel - Calibration of Predictive Models for Clinical Decision Making: Personalizing Prevention, Treatment, and Disease Progression

S82: Panel - Women in Informatics Leadership Forum

S83: Papers - Supporting Older Adults and Outpatient Care

S84: Papers - Using Clinical Data to Profile and Prioritize

S85: Papers - Identifying and Supporting Specific Patient Groups

S86: Papers - Supporting Cognition in Clinical Settings

S87: Panel - Clinical Informatics Fellowship – Future Workforce Development

S88: Papers - Learning from Drugs and Herbs

S89: Systems Demonstrations – Clinical Informatics Dashboards and Platforms

Wednesday Nov 16, 2016

S90: Panel - Population Health Informatics: Connecting Consumers to Care

S92: Papers - Utilizing Data Science for the ICU

S93: Panel - Informatics to Transform Med Wreck to Medication Reconciliation

S94: Panel - Secure Record Linkage for Precision Medicine and Patient Centered Outcomes Research

S95: Papers - Enhancing Decision Support

S96: Papers - Oncology and HIT

S97: Papers - Designing and Implementing HIT

S98: Panel - How Informatics are Being Applied in Industry: Challenge and Opportunity

S99: Panel - PEDSnet: From Building a High-quality CDRN to Conducting Science

S100: Systems Demonstrations - Technologies to Support Veterans’ Care

S101: Panel - Engaging Older Adults in the Design, Implementation, and Evaluation of Health IT

S102: Papers - Data-driven Approaches to Clinical Care

S103: Papers - Applying Predictive Analytics to Patient Care

S105: Papers - Developing and Applying Quality Measures

S106: Papers - Examining Usability and Satisfaction with HIT
S107: Podium Presentations – Supporting Research Trials with Informatics

S108: Papers - Clinical Data Visualization

S110: Panel - A Forum on Qualitative Research in Biomedical Informatics: Controversies, Challenges, and Opportunities

S111: Systems Demonstrations – Advances in Digital Consent

Closing Session and Keynote Presentation: Eric Horvitz, PhD, MD, Microsoft Research