

emerge network

ELECTRONIC MEDICAL RECORDS & GENOMICS

Please find information regarding eMERGE Representation at the upcoming **AMIA 2017 Annual Symposium** below. The AMIA 2017 Annual Symposium runs from November 4th to November 8th in Washington, DC. All times below reflect the local Washington, DC time (Eastern Time zone).

Saturday, November 4

Time	Location	Presenting Author	Presenting Author's Site	Title	Type
8:30-4:30 pm	International Ballroom West	Suzanne Bakken	Columbia University	Interactive Systems in Healthcare (WISH)	Allied Session/Workshop

Monday, November 6

Time	Location	Presenting Author	Presenting Author's Site	Title	Type
8:30-10:00 am	International Ballroom East	Yizhao Ni	CCHMC	Designing and Evaluating an Automated System for Real-time Medication Administration Error Detection in a Neonatal Intensive Care Unit*	Podium Abstract
8:30-10:00 am	Jefferson East	Karthik Natarajan	Columbia University	The Data and Research Center of the All of Us Research Program: Framework for a National Cohort Program and Research Opportunities*	Panel Presentation
10:30-10:48 am	Gunston	Hossein Estiri	Partners	Applying unsupervised learning to characterize rare observations in clinical data: the DQe-p tool*	Oral Presentation
11:00-11:30 am	Lincoln West	Jeffry Klann	Partners	Web-Service-Enabled Apps for Research: SMART-on-FHIR for OMOP and PCORNet*	System Demonstration
12:30-1:30 pm	Lincoln West	Chunhua Weng	Columbia University	ACMI "Meet the Experts": Clinical Research Informatics*	
2:21-2:39 pm	Jefferson West	Jung Hoon Son	Columbia University	Discordances between Patient-Reported Family History and Family Histories in EHR*	Oral Presentation

2:57-3:15pm	Jefferson West	David Albers	Columbia University	Why predicting postprandial glucose using self-monitoring data is difficult*	Oral Presentation
4:06-4:24 pm	Fairchild	Luoxin Chen	Columbia University	Automated Metabolic Phenotyping of Cytochrome Polymorphisms Using PubMed Abstract Mining*	Oral Presentation
5:00-6:30 pm	Columbia Hall	Robert Carroll	VUMC	HealthPro: An integrated web application for essential health data and biological specimen collection in the Precision Medicine Initiative*	Poster Presentation
5:00-6:30 pm	Columbia Hall	Todd Lingren	CCHMC	Integrating Smart Pump Infusion Data with Electronic Health Record Data to Analyze Medication Administration Alerts*	Poster Presentation
5:00-6:30 pm	Columbia Hall	Pauline Kelly	Northwestern	Challenges impacting data collection from Electronic Health Record (EHR) Systems in Small and Medium sized practices in the Midwest*	Poster Presentation
5:00-6:30 pm	Columbia Hall	Richard Kiefer	Mayo Clinic	Leveraging Value Sets from the Value Set Authority Center (VSAC) in a Standards-Based Clinical Data Repository*	Poster Presentation
5:00-6:30 pm	Columbia Hall	Luke Rasmussen	Northwestern	Use of popHealth Open-Source Quality Measure Engine to Support Cardiovascular Care at Small- and Medium-Sized Practices*	Poster Presentation
5:00-6:30 pm	Columbia Hall	Peter Speltz	Vanderbilt University Medical Center	The Phenotype Execution and Modeling Architecture: A Roadmap Towards Next-generation Phenotyping Using EHRs	Poster Presentation
5:00-6:30 pm	Columbia Hall	Samantha Stonbraker	Columbia University	Content for Visualizations to Enhance HIV-Related Communication Between Patients and Health Care Providers*	Poster Presentation

Tuesday, November 7

Time	Location	Presenting Author (s)	Presenting Author's Site	Title	Type
8:30-10:00 am	International Ballroom West	Keith Marsolo, Jeff Brown, Lesley Curtis, Brad Hammill, Laura Qualls	CCHMC	The PCORNet Learning Cycle*	Panel Presentation

1:45-3:15 pm	International Ballroom West	Luke Rasmussen, Darren Ames, Sandy Aronson, Larry Babb, Casey Overby	Northwestern, Baylor/ DNAnexus, Partners/Broad , Geisinger	Design and Implementation of a Structured Sequencing Report Format: A Multi-Stakeholder Perspective from eMERGE	Panel Presentation
2:21-2:39 pm	International Ballroom West	Jeffrey Klann	Partners	Reuse of PCORnet Data to Support the Precision Medicine Initiative: Data Model Harmonization*	Oral Presentation
4:42-5:00 pm	International Ballroom West	Wayne Liang	KPW/UW	User-Centered Design of a Collaborative Genetic Variant Interpretation Tool	Podium Abstract
5:00-6:30 pm	Columbia Hall	Jamie Robinson	VUMC	Sub-Phenotyping of Crohn's Disease Using a Large Electronic Record Cohort*	Poster Presentation
5:00-6:30 pm	Columbia Hall	Al'ona Furmanchuk	Northwestern	A Machine Learning-Based Approach for Identifying Atopic Dermatitis in Adults from Electronic Health Records	Poster Presentation
5:00 – 6:30 pm	Columbia Hall	Jennifer Pacheco	Northwestern	Portable Precision Phenotype Algorithm for Chronic Rhinosinusitis	Poster Presentation
5:00-6:30 pm	Columbia Hall	Ali Hasnie	Mayo	Development and Implementation of a Clinical Decision Support Tool for Familial Hypercholesterolemia	Poster Presentation
5:00-6:30 pm	Columbia Hall	Heekyong Park	Partners	Building Better Timeline Interactions for Patient Chart Reviews*	Poster Presentation

Wednesday, November 8

Time	Location	Presenting Author	Presenting Author's Site	Title	Type
9:24-9:42 am	Jefferson East	Shawn Murphy	Partners/Broad	Integrating Patient Registries into Enterprise wide Patient-Discovery Strategies*	Oral Presentation
11:06-11:24 am	Jefferson East	Sheng Yu	Partners/Broad	High-throughput Phenotyping via Denoised Normal Mixture Transformation*	Oral Presentation

*not eMERGE-specific, but presented by an eMERGE site representative