Personalized Itinerary Planner

AMIA 2014 Annual Symposium
November 14 - 19, 2014

To make changes to your itinerary or view the full meeting schedule, visit
https://amiaannual2014.abstractcentral.com/planner.jsp
### Friday, November 14, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM-5:45 PM</td>
<td>Holmead (Washington Hilton), <strong>NSF/AMIA Doctoral Consortium</strong>, Special Event</td>
</tr>
</tbody>
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### Saturday, November 15, 2014

You have nothing scheduled for this day

### Sunday, November 16, 2014

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<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
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<tbody>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Lincoln East/Monroe (Washington Hilton), <strong>S04: Papers/Podium Presentations - NLP in Practice</strong>, Papers/Podium Presentations, Data Mining, NLP, Information Extraction Retrieval</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>An Evaluation of a Natural Language Processing Tool for Identifying and Encoding Allergy Information in Emergency Department Clinical Notes F.R. Goss; J.M. Plasek; J. Lau; D.L. Seger; F.Y. Chang; L. Zhou</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Using Language Models to Identify Relevant New Information in Inpatient Clinical Note R. Zhang; S.V. Pakhomov; J. Lee; G.B. Melton</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Extracting Patient Demographics and Personal Medical Information from Online Health Forums Y. Liu; S. Xu; H. Yoon; G. Tourassi</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>HARVEST, a Holistic Patient Record Summarizer at the Point of Care N. Elhadad; S. Lipsky Gorman; J.S. Hirsch; C. Liu; D. Vawdrey; M. Sturm</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Fairchild (Washington Hilton), <strong>S05: Papers/Podium Presentations - Knowledge Management</strong>, Papers/Podium Presentations, Clinical Informatics</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>An Automated Approach for Ranking Journals to Help in Clinician Decision Support S.R. Jonnalagadda; S. Moosavinasab; C. Nath; D. Li; C.G. Chute; H. Liu</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>PubMedMiner: Mining and Visualizing MeSH-based Associations in PubMed Y. Zhang; I.N. Sarkar; E. Chen</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>Stochastic Gradient Descent and the Prediction of MeSH for PubMed Records W.J. Wilbur; W. Kim</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>Jefferson West (Washington Hilton), <strong>S07: Papers - Making Drugs Useful</strong>, Papers, Clinical Informatics</td>
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| 3:30 PM-5:00 PM      | Development of an Alert System to Detect Drug Interactions with Herbal Supplements using Medical Record Data  
(J. Proulx; M. Archer; L. Shane-McWhorter; B.E. Bray; Q.T. Zeng) |
| 3:30 PM-5:00 PM      | Evaluation of RxNorm for Medication Clinical Decision Support  
(R.R. Freimuth; K. Wix; Q. Zhu; M. Siska; C.G. Chute) |
| 3:30 PM-5:00 PM      | Towards Drug Repositioning: A Unified Computational Framework for Integrating Multiple Aspects of Drug Similarity and Disease Similarity  
(P. Zhang; F. Wang; J. Hu) |

Monday, November 17, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
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<tbody>
<tr>
<td>8:30 PM-10:00 PM</td>
<td>Natural Language Processing Working Group Meeting, Business Meeting</td>
</tr>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>S18: Papers/Podium Presentations - Useful Approaches for Analyzing Data, Papers/Podium Presentations, Clinical Informatics</td>
</tr>
</tbody>
</table>
| 10:30 AM-12:00 PM    | Congestive Heart Failure Information Extraction Framework (CHIEF) Evaluation  
(S. Meystre; Y. Kim; A.M. Redd; J.H. Garvin) |
| 10:30 AM-12:00 PM    | Effectiveness of Evidence-Based Congestive Heart Failure (CHF) CPOE Order Sets Measured by Health Outcomes  
(J. Krive; J.S. Shoolin; S.D. Zink) |
| 10:30 AM-12:00 PM    | S23: Papers/Podium Presentations - Detecting Knowledge in Unstructured Data, Papers/Podium Presentations, Data Mining, NLP, Information Extraction Retrieval  |
| 10:30 AM-12:00 PM    | Layered Spaces for Clinical Information Retrieval  
(S. Wu; D. Li; J. Masanz; H. Liu) |
| 10:30 AM-12:00 PM    | Automatically Detecting Acute Myocardial Infarction Events from EHR Text: A Preliminary Study  
(J. Zheng; J. Yarzebski; B. Polepalli Ramesh; R. Goldberg; H. Yu) |
| 10:30 AM-12:00 PM    | Identifying Metastases from Pathology Reports in Lung Cancer Patients  
(E. Soysal; J.L. Warner; J. Denny; H. Xu) |
| 10:30 AM-12:00 PM    | Automated Identification of Unsuspected Lung Nodule Findings in Radiology Reports with Natural Language Processing and Text Classification  
(R. Wise; J. Duckart; J. Yang) |
<p>| 1:45 PM-3:15 PM      | S30: Papers - Mental Health: Informatics and Analytics, Papers, Data Mining, NLP, Information Extraction Retrieval  |</p>
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:45 PM-3:15 PM</td>
<td>Concordance of Electronic Health Record (EHR) Data Describing Delirium at a VA Hospital</td>
<td>J.T. Spuhl; K.M. Doing-Harris; S.D. Nelson; N.A. Estrada; G. Del Fiol; C. Weir</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Characterizing the Sublanguage of Online Breast Cancer Forums for Medications, Symptoms, and Emotions</td>
<td>N. Elhadad; S. Zhang; P. Driscoll; S. Brody</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Applying Active Learning to Word Sense Disambiguation in a Real-Time Setting</td>
<td>S. Moon; Y. Chen; J. Wang; J. Denny; H. Xu</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Differences in Nationwide Cohorts of Acupuncture Users Identified Using Structured and Free Text Medical Records</td>
<td>D. Redd; Q.T. Zeng</td>
</tr>
<tr>
<td>1:45 PM-3:15 PM</td>
<td>Automated Assessment of Medical Students' Clinical Exposures according to AAMC Geriatric Competencies</td>
<td>Y. Chen; J. Wrenn; H. Xu; S. Anderson; R. Habermann; J. Powers; J. Denny</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>Machine Learning for Risk Prediction of Acute Coronary Syndrome</td>
<td>J. VanHouten; J. Starmer; N. Lorenzi; D.J. Maron; T.A. Lasko</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>Phenome-Wide Association Studies Using NLP-Derived Concepts</td>
<td>P. Teixeira; R.J. Carroll; L. Bastarache; P. Speltz; J. Smith; J. Denny</td>
</tr>
<tr>
<td>5:00 PM-6:30 PM</td>
<td>Assessment of the Quality of Computerized Physician Order Entry (CPOE)-Related Medication Error Reports in a Large Medication Error Database</td>
<td>M.G. Amato; A.C. Seger; A. Wright; R. Koppel; A. Rashidee; R. Elson; D.L. Whitney; T. Thach; D.W. Bates; G. Schiff</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Finding Different Types of Medical Conditions: From Data Generation to Automatic Classification</td>
<td>N. Artz; J. Choi; S. Doogan</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Patient Screening Application to Identify Suitable Clinical Trials</td>
<td>A. Bucur; J.V. Leeuwen; N. Chen; K. de Schepper; B. Claerhout; D. Perez-Rey; R. Alonso-Calvo; K.S. Saini</td>
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<td>5:00 PM-6:30 PM</td>
<td>Integrating Information from Unstructured Text with Structured Clinical Data from an Electronic Medical Record to Improve Patient Cohort Identification</td>
<td>V.M. Castro; S. Goryachev; C. Herrick; V. Gainer; M. Rees; S. Murphy</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>A Preliminary Study of Coupling Transfer Learning with Active Learning for Clinical Named Entity Recognition between Two Institutions</td>
<td>Y. Chen; Y. Zhang; Q. Mei; D. Account; J. Denny; H. Xu</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Understanding Primary Care Clinic Patients' Information Needs about their Clinic Visit</td>
<td>M.A. Clarke; J.L. Moore; L.M. Steege; R.J. Koopman; J.L. Belden; S. Canfield; M. Kim</td>
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<td>5:00 PM-6:30 PM</td>
<td>Longitudinal Tracking of Pain Phenotypes in Electronic Health Records Using an SVM</td>
<td>C.T. Grasso; A. Joshi</td>
</tr>
<tr>
<td>5:00 PM-6:30 PM</td>
<td>An Analysis of Mayo Clinic Search Query Logs for Cardiovascular Diseases</td>
<td>A. Jadhav; A. Sheth; J. Pathak</td>
</tr>
<tr>
<td>5:00 PM-6:30 PM</td>
<td>Lexical Term Standardization of ICD-11 Using Semantic Web Technologies</td>
<td>G. Jiang; H.R. Solbrig; B. Ustun; C.G. Chute</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>A Knowledge-Based Collaborative Clinical Case Mining Framework</td>
<td>R. Kavuluru; A. Rios; B. Kulengowski; P. McNamara</td>
</tr>
<tr>
<td>5:00 PM-6:30 PM</td>
<td>Development of a Cirrhosis-Associated Symptom/Finding Detection Tool</td>
<td>J.D. Koola; R.M. Cronin; R.M. Reeves; J. Denton; S. Ho; M.E. Matheny</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Using Natural Language Processing for Autism Trigger Extraction</td>
<td>G. Leroy; M. Kurzius-Spencer; S. Pettygrove</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Use of Natural Language Processing in Terminology Coverage Analysis</td>
<td>S. Madani; D.F. Sittig; M. Riben</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>A study of synonym extraction from clinical texts using semantic vector models</td>
<td>S. Moon; T. Cohen; H. Xu</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Developing a Knowledge Base for Detecting Carotid Stenosis with pyConText</td>
<td>D.L. Mowery; D. Franc; S. Ashfaq; E. Cheng; T. Zamora; W.W. Chapman; B.E. Chapman</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Facilitating Visual Exploration of System-generated Reasoning Pathways underlying Drug-Side effect Relations</td>
<td>S. Myneni; T. Cohen</td>
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<td>5:00 PM-6:30 PM</td>
<td>Automatic Content Extraction for Designing a French Clinical Corpus</td>
<td>L. Deleger; C. Grouin; A. Neveol</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Machine Learning Made Easy with Sherlock</td>
<td>T. Ginter; O.V. Patterson; R. Cornia; S.L. DuVall</td>
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<td>Time</td>
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<td>5:00 PM-6:30 PM</td>
<td>Automatic Engine for Mapping Mycobacteriology Reports to SNOMED-CT O.V. Patterson; S.D. Nelson; M.L. Jones; K. Findley; K.L. Winthrop; K.P. Fennelly; S.L. DuVall</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Data Mining Methodologies to Discover Best practices for Diabetic Patients with Health Disparities L. Pruinelli; S. Dey; G.J. Simon; P. Yadav; A. Hangsleben; K. Hauwiller; V. Kumar; C.W. Delaney; M. Steinbach; B.L. Westra</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Improving Case Management via Statistical Text Mining of in a Foster Care Organization: Examining Psychotropic A. Castellanos; A. Castillo; M.C. Tremblay</td>
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<td>5:00 PM-6:30 PM</td>
<td>Does size matter? A comparison of a large web corpus and a smaller focused corpus for medical term extraction, K. Vanopstal; E. Lefever; V. Hoste</td>
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<td>5:00 PM-6:30 PM</td>
<td>A Keyword Suggestion Strategy Based on Citation Networks W. Wei; S. Wang; X. Jiang; L. Ohno-Machado</td>
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<td>5:00 PM-6:30 PM</td>
<td>Development of a Unified Computable Problem-Medication Knowledge base Y. Wu; A. Wright; H. Xu; A.B. McCoy; D.F. Sittig</td>
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Tuesday, November 18, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
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<tbody>
<tr>
<td>10:30 AM-12:00 PM, Jefferson East (Washington Hilton), S53: Podium Presentations - Identifying Drug-drug Interactions, Podium Presentations, Clinical Informatics</td>
<td></td>
</tr>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>Identifying Plausible Adverse Drug Reactions Using Knowledge Extracted from the Literature N. Shang; H. Xu; T. Rindflesch; T. Cohen</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Designing Specific Alerts for Potassium-Increasing Drug-Drug Interactions E. Eschmann; P.E. Beeler; J. Blaser</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Mining electronic health record data to detect drug-repurposing signals for cancers H. Xu; Q. Chen; J.L. Warner; X. Han; M. Jiang; A. Shah; M. Aldrich; Q. Dai; J. Denny</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Extracting drug-drug interactions from literature using a rich feature-based linear kernel approach S. Kim; D. Liu; L. Yeganova; W.J. Wilbur</td>
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<tr>
<td>10:30 AM-12:00 PM, Lincoln West (Washington Hilton), S57: Papers/Podium Presentations - Putting Text into Context, Papers/Podium Presentations, Data Mining, NLP, Information Extraction Retrieval</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Domain Adaptation for Semantic Role Labeling of Clinical Text Y. Zhang; B. Tang; M. Jiang; J. Wang; Y. Wu; H. Xu</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Semantic Role Labeling for Modeling Surgical Procedures in Operative Notes</td>
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<td>10:30 AM-12:00 PM</td>
<td>Identification and Management of Information Problems by Emergency Department Staff</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Automated Extraction of Family History Information from Clinical Notes</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Evaluating Living Situation, Occupation, and Hobby/Activity Information in the Electronic Health Record</td>
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<td>1:45 PM-3:15 PM</td>
<td>Developing a Formal Representation for Medication Appropriateness Criteria</td>
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<td>1:45 PM-3:15 PM</td>
<td>Generating Problem Lists Using Medication Reconciliation</td>
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<td>1:45 PM-3:15 PM</td>
<td>Automatic Extraction of Drug Indications from FDA Drug Labels</td>
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<td>1:45 PM-3:15 PM</td>
<td>Analysis of Medication and Indication Occurrences in Clinical Notes</td>
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<td>1:45 PM-3:15 PM</td>
<td>Using Anchors to Estimate Clinical State without Labeled Data</td>
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<td>1:45 PM-3:15 PM</td>
<td>Application of Bayesian Logistic Regression to Mining Biomedical Data</td>
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<td>1:45 PM-3:15 PM</td>
<td>Divisive Hierarchical Clustering towards Identifying Clinically Significant Pre-Diabetes Subpopulations</td>
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<td>1:45 PM-3:15 PM</td>
<td>Examining the Use, Contents, and Quality of Free-Text Tobacco Use Documentation in the Electronic Health Record</td>
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<td>3:30 PM-5:00 PM</td>
<td>Fairchild (Washington Hilton)</td>
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<td><strong>3:30 PM-5:00 PM</strong> <strong>(Conflict)</strong> TextHunter – A User Friendly Tool for Extracting Generic Concepts from Free Text in Clinical Research</td>
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<td><strong>3:30 PM-5:00 PM</strong> <strong>(Conflict)</strong> Learning to Identify Treatment Relations in Clinical Text</td>
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<td><strong>3:30 PM-5:00 PM</strong> <strong>(Conflict)</strong> Extracting Concepts Related to a Homelessness from the Free Text of VA Electronic Medical Records</td>
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<td><strong>3:30 PM-5:00 PM</strong> <strong>(Conflict)</strong> Sophia: An Expedient UMLS Concept Extraction Annotator</td>
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<td><strong>3:30 PM-5:00 PM</strong>, Lincoln West (Washington Hilton), <strong>S79: Systems Demonstrations - Putting Health Data to Work</strong>, Systems Demonstrations, Simulation and Modeling</td>
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<td><strong>3:30 PM-5:00 PM</strong> <strong>(Conflict)</strong> Narrative Event and Temporal Relation Visualization Tool</td>
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<td><strong>5:00 PM-6:30 PM</strong>, Columbia Hall (Washington Hilton), <strong>Poster Session 2</strong>, Poster</td>
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<td>5:00 PM-6:30 PM</td>
<td>Linking Adenomas Between Colonoscopy And Pathology Notes For PROSPR</td>
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<td>S.R. Halgrim; L. Sizemore; E. Pham; G. Gundersen; D. Carrell; K. Wernli; J. Chubak; C.M. Rutter</td>
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<td>5:00 PM-6:30 PM</td>
<td>Building a Treebank of hospital discharge summaries</td>
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<td>M. Jiang; Y. Huang; J. Fan; E.W. Yang; H. Xu</td>
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<td>5:00 PM-6:30 PM</td>
<td>Semi-Automated Method to Extract Semantic Information from EHR</td>
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<td>Flowsheet Data for Pressure Ulcer Research</td>
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<td>S.G. Johnson; J. Park; M. Byrne; B. Christie; L. Pruinelli; S.G. Sherman; B.L. Westra</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>A Statistical Study of Words Used in Chinese Clinical Documents</td>
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<td>M. Ju; H. Li</td>
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<td>5:00 PM-6:30 PM</td>
<td>Medication Prescription Status Classification in Clinical Narrative</td>
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<td>Documents</td>
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<td>Y. Kim; J.H. Garvin; J. Heavirland; J. Williams; S. Meystre</td>
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<td>5:00 PM-6:30 PM</td>
<td>Identification of Inflammatory Bowel Disease Patients with Steroid-</td>
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<td>Induced Diabetes Mellitus Using an Electronic Health Record</td>
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<td>S. Kinberg; L. Ena; H. Chase; C. Friedman</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>NLP enhances Quality Care Measures in Heart Failure</td>
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<td>R. Komandur; Elayavilli; K.B. Wagholi; H. Liu</td>
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<td>5:00 PM-6:30 PM</td>
<td>Using Element Words to Generate (Multi)words for the SPECIALIST</td>
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<td>Lexicon</td>
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<td>C. Lu; D. Tormey; L. McCready; A.C. Browne</td>
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<tr>
<td>5:00 PM-6:30 PM</td>
<td>Vocabulary Density Method for Customized Indexing of MEDLINE Journals</td>
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<td>J.G. Mork; D. Demmer-Fushman; S.C. Schmidt; A.R. Aronson</td>
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<td>5:00 PM-6:30 PM</td>
<td>How to de-identify a large clinical corpus in 10 days</td>
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<td>C. Grouin; L. Deleger; J. Escudié; G. Groisy; A. Jannot; B. Rance; X. Tannier; A. Neveol</td>
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<td>5:00 PM-6:30 PM</td>
<td>Automating Extraction and Calculation of Daily Dose and Duration for</td>
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<td>Medications in EHRs</td>
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<td>J.A. Pacheco; W.K. Thompson; K. Jackson; A.N. Kho</td>
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<td>Rapid NLP Development with Leo</td>
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<td>R. Cornia; O.V. Patterson; T. Ginter; S.L. DuVall</td>
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<td>Check it with Chex: A Validation Tool for Iterative NLP Development</td>
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<td>S.L. DuVall; R. Cornia; T.B. Forbush; C.H. Halls; O.V. Patterson</td>
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<td>Effect of Pre-annotation on Annotation Time</td>
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<td>A.M. Redd; Y. Kim; S. Meystre; J. Heavirland; A. Weaver; J. Williams; J.H. Garvin</td>
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<td>Error Propagation in EHRs via Copy/Paste: An Analysis of Relative Dates</td>
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<td>K. Roberts; A. Cahan; D. Demmer-Fushman</td>
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<td>5:00 PM-6:30 PM</td>
<td><strong>Automatic coding of Free-Text Medication Data recorded by Research Coordinators</strong> L.M. Rodriguez; V. Huser; O. Bodenreider; J.J. Cimino</td>
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<td>5:00 PM-6:30 PM</td>
<td><strong>Using Data Mining as a Model for Behavior Change</strong> S. Sittig; A. Franklin</td>
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<td>5:00 PM-6:30 PM</td>
<td><strong>A System Usability Study Assessing a Machine-Assisted Interactive Interface to Support Annotation of Protected Health Information in Clinical Texts</strong> B.R. South; D. Mowery; C. Leng; S. Meystre; W. Chapman</td>
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<td><strong>Facilitating Reconciliation of Inter-Annnotation Disagreements</strong> J. Stan; O. Bodenreider; K. Fung; D. Demner-Fushman</td>
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<td><strong>Disease/Disorder Semantic Template Filling – Information Extraction Challenge in the ShARe/CLEF eHealth Evaluation Lab 2014</strong> S. Velupillai; D.L. Mowery; L. Christensen; N. Elhadad; S. Pradhan; G. Savova; W. Chapman</td>
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<td>5:00 PM-6:30 PM</td>
<td><strong>Application of Data Mining Techniques to Predict Physical Activity</strong> S. Yoon; S. Bakken</td>
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Wednesday, November 19, 2014

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<tr>
<td>8:30 AM-10:00 AM</td>
<td><strong>8:30 AM-10:00 AM, International Ballroom East (Washington Hilton), S81: Didactic Panel - Clinical Natural Language Processing in Languages Other Than English, Didactic Panel, Data Mining, NLP, Information Extraction Retrieval</strong></td>
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<td>8:30 AM-10:00 AM</td>
<td><strong>Clinical Natural Language Processing in Languages Other Than English</strong> A. Neveol; H.K. Dalianis; G. Savova; P. Zweigenbaum</td>
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<td>8:30 AM-10:00 AM</td>
<td><strong>8:30 AM-10:00 AM, Fairchild (Washington Hilton), S85: Papers/Podium Presentations - Bad Meds, Papers/Podium Presentations, Clinical Informatics</strong></td>
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<td>8:30 AM-10:00 AM</td>
<td><strong>Pharmacovigilance on Twitter? Mining Tweets for Adverse Drug Reactions</strong> K. OConnor; A. Nikfarjam; R. Ginn; P. Pimpalkhute; A. Sarker; K. Smith; G. Gonzalez Hernandez</td>
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<td>8:30 AM-10:00 AM</td>
<td><strong>8:30 AM-10:00 AM, Cabinet (Washington Hilton), S87: Papers - Patient Data Security, Papers, Consumer Informatics and PHRs</strong></td>
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<td>8:30 AM-10:00 AM</td>
<td><strong>De-identification of Address, Date, and Alphanumeric Identifiers in Narrative Clinical Reports</strong> M. Kayaalp; A.C. Browne; Z. Dodd; P. Sagan; C.J. McDonald</td>
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<td>8:30 AM-10:00 AM</td>
<td>Piloting a Deceased Subject Integrated Data Repository and Protecting Privacy of Relatives V. Huser; M. Kayaalp; Z. Dodd; J.J. Cimino</td>
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<td>The Challenges of Creating a Gold Standard for De-identification Research A.C. Browne</td>
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<td>8:30 AM-10:00 AM</td>
<td>ARX - A Comprehensive Tool for Anonymizing Biomedical Data F. Prasser; F. Kohlmayer; R. Lautenschläger; K.A. Kuhn</td>
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<td>8:30 AM-10:00 AM</td>
<td>Evaluation of Diagnosis Codes, Clinical Notes, and Medications on Identifying Subjects with a Specific Disease Phenotype W. Wei; P. Teixeira; H. Mo; R.M. Cronin; J.L. Warner; J. Denny</td>
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<td>8:30 AM-10:00 AM</td>
<td>Exploring Bayesian Network Development Using Unsupervised Machine Learning for Patient Risk Assessment B.G. Wilson; C.T. Silvers; C.A. Crump; L. Schlachta-Fairchild; J.S. Ashley</td>
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<td>8:30 AM-10:00 AM</td>
<td>Readmission Classification Using Stacked Regularized Logistic Regression Models G. Stiglic; F. Wang; A. Davey; Z. Obradovic</td>
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<td>8:30 AM-10:00 AM</td>
<td>Text Classification towards Detecting Misdiagnosis of an Epilepsy Syndrome in a Pediatric Population R. Sullivan; R. Yao; R. Jarar; J. Buchhalter; G. Gonzalez de Hernandez</td>
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<td>Developing a Section Labeler for Clinical Documents P.J. Haug; X. Wu; J.P. Ferraro; G. Savova; S.M. Huff; C.G. Chute</td>
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<td>10:30 AM-12:00 PM</td>
<td>TagLine: Information Extraction for Semi-Structured Text in Medical Progress Notes D. Finch; S.L. Luther; J. McCart</td>
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<td>10:30 AM-12:00 PM</td>
<td>Detecting Epilepsy Diagnosis in Clinical Notes: A Comparison of Traditional Text Classification Methods T. Lingren; P. Matykiewicz; Y. Ni; S.M. Standridge; K.D. Holland; I. Solti; T.A. Glauser; J. Pestian</td>
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<td>Characterization of a Handoff Documentation Tool Through Usage Log Data S.Y. Jiang; A. Murphy; D. Vawdrey; R. Hum; L. Mamykina</td>
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<td>Mining Consumer Health Vocabulary from Community-Generated Text</td>
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