



The 32<sup>nd</sup> Annual Human-Computer Interaction Lab Symposium

## Workshop: Temporal Event Sequence Analysis

EventFlow and CoCo user group meeting

<http://www.cs.umd.edu/hcil/eventflow/workshop2015/>

Computer-Science Instructional Center, University of Maryland, College Park

Thursday, May 28, 2015

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|----------------|--|------------------|
| <b>9:00am</b>  | <b>HCIL Symposium: Introduction and Plenary Talks</b>  | <i>1st floor</i> |
| <b>11:00am</b> | <b>Workshop: Morning Session</b>   | <i>Room 3120</i> |
|                | 14 Strategies for Sharpening Analytic Focus<br>Fan Du <sup>1</sup> , Ben Shneiderman <sup>1</sup> , Catherine Plaisant <sup>1</sup> , Sana Malik <sup>1</sup> , Adam Perer <sup>2</sup><br><i><sup>1</sup>HCIL, University of Maryland; <sup>2</sup>IBM T.J. Watson Research Center</i>  |                  |
|                | Application of EventFlow to Model the Complexity and Continuity of Antipsychotic Use Among Youth<br>Susan dosReis <sup>1</sup> , Wendy Camelo Castillo <sup>1</sup> , James Gardner <sup>1</sup> , Ming-Hui Tai <sup>1,2</sup><br><i><sup>1</sup>University of Maryland School of Pharmacy; <sup>2</sup>Pharmetrics</i>  |                  |
|                | Management of Co-Morbid Conditions Among Patients Diagnosed with Incident Prostate Cancer<br>Eberechukwu Onukwughu: <i>University of Maryland School of Pharmacy</i>   |                  |
| <b>12:30pm</b> | <b>Lunch Break</b>   | <i>1st floor</i> |
| <b>1:15pm</b>  | <b>Workshop: Afternoon Session I</b>   | <i>Room 3120</i> |
|                | Understanding Temporal Patterns in Hypertensive Drug Therapy<br>Margret Bjarnadottir <sup>1</sup> , Sana Malik <sup>2</sup> , Catherine Plaisant <sup>2</sup> , Eberechukwu Onukwughu <sup>3</sup><br><i><sup>1</sup>Robert H. Smith School of Business, University of Maryland; <sup>2</sup>HCIL, University of Maryland;<br/><sup>3</sup>University of Maryland School of Pharmacy</i>   |                  |
|                | Exploring the Effects of mild Traumatic Brain Injuries using Temporal Events<br>Filip Dabek, Jesus J Caban<br><i>National Intrepid Center of Excellence, Walter Reed National Military Medical Center</i>  |                  |
|                | High-Volume Hypothesis Testing: Systematic Exploration of Event Sequence Comparisons<br>Sana Malik <sup>1</sup> , Catherine Plaisant <sup>1</sup> , Margret Bjarnadottir <sup>2</sup> , Eberechukwu Onukwughu <sup>3</sup> ,<br>Ben Shneiderman <sup>1</sup><br><i><sup>1</sup>HCIL, University of Maryland; <sup>2</sup>Robert H. Smith School of Business, University of Maryland;<br/><sup>3</sup>University of Maryland School of Pharmacy</i> |                  |
|                | Learning Analytics with EventFlow and CoCo: Exploring Course Enrollment Pathways to Inform Curriculum Planning<br>Leah P. Macfadyen: <i>Faculty of Arts, University of British Columbia</i>  |                  |
| <b>3:00pm</b>  | <b>Snack Break</b>   | <i>1st floor</i> |
| <b>3:20pm</b>  | <b>Workshop: Afternoon Session II</b>  | <i>Room 3120</i> |
|                | Analysis of Activity Logs: Using Visualization to Explain Results of Anomaly Detection<br>Fan Du, Catherine Plaisant, Ben Shneiderman: <i>HCIL, University of Maryland</i>   |                  |
|                | (s)queries: Visual Regular Expressions for Querying and Exploring Event Sequences<br>Emanuel Zraggen <sup>1,2</sup> , Steven M. Drucker <sup>1</sup> , Danyel Fisher <sup>1</sup> , Robert DeLine <sup>1</sup><br><i><sup>1</sup>Microsoft Research; <sup>2</sup>Brown University</i>  |                  |
|                | Simplified Overviews for Temporal Event Sequences: Designs for Novice and Expert Analysts<br>Matthew Louis Mauriello, Ben Shneiderman, Fan Du, Sana Malik, Catherine Plaisant<br><i>HCIL, University of Maryland</i>   |                  |
| <b>4:45pm</b>  | <b>HCIL Symposium: Reception, Demos and Posters</b>  | <i>1st floor</i> |