

## Great Plains R Users Group 2015 Conference Agenda

### Thursday Evening

|                   |  |
|-------------------|--|
| 6:00 PM - 6:30 PM | Conference registration (SDSU Student Union Campanile Room)  |
| 6:30 PM - 7:00 PM | Kick-off dinner and welcome (Student Union Campanile Room)   |
| 7:00 PM - 8:00 PM | Keynote Speaker: Lisa Bramer (Tessera): <i>Discussing data storage/division using the R package datadr</i> |
| 8:00 PM - 9:00 PM | Poster Session, Tour of new EMA Building   |

### Friday (all Friday presentations will be held in SDSU Student Union- 2<sup>nd</sup> level)

|                     |  |
|---------------------|--|
| 8:00 AM - 8:30 AM   | Breakfast & Friday-only Conference registration (Student Union Walder Room 269)  |
| 8:30 AM - 9:30 AM*  | Invited Speaker: Carson Sievert (Iowa State University): <i>Web Scraping in R</i>  |
| 9:30 AM - 10:30 AM  | Austin O'Brien (SDSU): <i>Computational Complexity of Eigenvector Decompositions for Anomaly Detection.</i>  |
| 9:30 AM - 10:00 AM  | Doug Armstrong (SDSU): <i>Intro to Parallel Computing Using R</i>  |
| 10:00 AM - 10:30 AM | Chad Birger (Sanford Health): <i>TBA</i>   |
| 10:30 AM - 11:00 AM | Thomas Brandenburger (SDSU): <i>Creating Automated Reports in R</i>  |
| 10:30 AM - 11:00 AM | Gary Hatfield (SDSU): <i>An Evaluation of Methods for Interaction between Excel and R-From Excel and Back</i>  |
| 11:30 AM - 1:00 PM  | Lunch  |
| 1:00 PM - 2:00 PM   | Keynote Speaker: Lisa Bramer (Tessera): <i>Visualization and exploratory data analysis using the R package Trelliscope.</i>                              |
| 2:00 PM - 3:00 PM   | Jessica Derby (SDSU): <i>Negative Binomial Regression Modeling with Overdispersed Trouble Ticket Count Data from the Software Development Lifecycle.</i> |
| 2:00 PM - 3:00 PM   | Toby Flint (SDSU): <i>Introduction to ggplot2</i>  |
| 3:00 PM - 4:00 PM   | Thomas Brandenburger (SDSU): <i>Introduction to Dynamic Dashboards with Shiny and RStudio.</i>   |
| 3:00 PM - 4:00 PM   | Jixiang Wu (SDSU): <i>Using Parallel Computing to Reduce Computational Time</i>  |
| 4:00 PM - 4:30 PM   | Concluding Remarks and Conference Wrap up.   |
| 5:00 PM - 7:00 PM   | Informal Social Hour: Downtown Brookings.  |

\*Note that all 1 hour talk times include 50 minute talks with a 10 minute break at the end. Half hour talk times include a 25 minute talk with a 5 minute break at the end.

