Annual report for the Data, Analytics and Statistics Instruction (DASI) Specific Interest Group of DSI

Information on DASI sessions at DSI 2017 in Washington, DC

The numbers in (parentheses) are the counts of the number of people attending during each of the listed DASI sessions for the 2017 DSI meeting in Washington, DC.

**(42)** 8 – 9:30 AM, Saturday, **What’s Needed in a Second Statistics Class to Prepare Undergraduates for a Data Analytics Environment?**

**(43)** 10 – 11:30 AM, Saturday, **Analytics Curriculum, MOOCs, and Student Learning in Traditional vs. Online Courses**

**(39)** 1 – 2:30 PM, Saturday, **Multivariate Methods: Excel Regression Tips, Causal Inference & Moving from Bivariate to Multivariate**

**(55)** 2:50 – 4:20 PM, Saturday, **What statistics knowledge should students know to prepare for graduate business analytics?**

**(41)** 4:30 - 6 PM, Saturday, **Advanced Analysis Methods: Text Mining and PLS Structural Equation Modeling**

**(40)** 8 – 9:30 AM, Sunday, **Analysts Need 2 Speak 4 Numbers & Data to Tell Their Story**

**(40)** 1 – 2:30 PM, Sunday, **Programming Guidance for Using R and JMP 13 Capabilities for Statistics Instruction**

**(47)** 2:50 – 4:20 PM, Sunday, **Analytics Big Picture with Detailed Workflow Steps for Addressing Real Problems**

**(45)** 4:30 - 6 PM, Sunday, **Getting Students to See the Forest (and not just the Trees) in Introductory Business Analytics**

**(23)** 8 – 9:30 AM, Monday, **Experiences with Efforts to Improve Statistics Instruction**

**(34)** 1 – 2:30 PM, Monday, **Use of Software Tools to Enhance Learning in Introductory Business Statistics**

**(16)** 2:50 – 4:20 PM, Monday, **Caucus/Business Meeting of the Data, Analytics and Statistics Instruction, DASI, Specific Interest Group of DSI**

We recorded the names of 151 people attending the 2017 DASI sessions. 58 had attended a session at a previous DSI meeting while 93 were not on the list of the previous attendees. The average attendance for the eleven sessions with presentations was 40.8, which is an increase from last year’s average of 38.1. There was a decline in attendance for the two Monday sessions.

At the caucus/business meeting for the DASI SIG, Bob Andrews gave a brief report on the DSI Ad-hoc Committee on Implementing DSI Colleges and distributed a preliminary report for the committee. Bob, Kellie Keeling and Cory Hutchinson represent the DASI SIG on this Ad-hoc committee. Bob McQuaid helped lead a discussion of how the DASI group could use the DSI website to provide better value to DSI members. Bob McQuaid will move information about DASI and its predecessor Making Statistics More Effective in Schools of Business to the DSI site from a site at http://www.people.vcu.edu/~randrews/DASI/DASI.html that Bob Andrews has created and maintained. We discussed things that DASI could do using the DSI website to provide value to DSI members. Bill Miller has been working with other DSI members on a list of databases and the plan is to make the database links available to DSI members to help them with their teaching. Rick Hesse volunteered that he could contribute an Excel Template addressing statistical analysis issues every quarter or possibly month. There were other things suggested that could be beneficial to DSI members teaching data based classes. The agreed upon plan was to begin by having parts of the website available to a few DASI people to do testing before making it available to all DSI members or the public.

Several people volunteered to help contribute for the 2018 DSI program in Chicago, IL. Bob Andrews and Kellie Keeling will be listed as co-chairs for the DASI SIG. Bob Andrews will be the primary contact person for the Data, Analytics and Statistics Instruction SIG and Kellie Keeling will be the secondary contact.

Information on DASI sessions at SEDSI 2017 in Charleston, SC

The information below is for the six DASI sessions on Thursday and Friday with the numbers in (parentheses) being the count of people attending all or part of each listed DASI session.

**(27) 8:45 AM** Thursday, **Lessons Learned and Data Resources for Quantitative Analysis and Statistics Instruction**

**(18) 1:30 PM** Thursday, **Effective use of Software for Statistics Instruction,**

**(31) 3:00 PM** Thursday, **Experiences with and Recommendations for using R for Statistics/Analytics Instruction,**

**(15) 4:30 PM** Thursday, **Perspectives on Statistics Instruction for Analytics and Data Science,**

**(21) 8:45 AM** Friday, **Enhancing the Value of Analysis through Effective Skills and Communication,**

**(25) 10:15 AM** Friday, **Providing Students with Proper Knowledge and Skills for Analytics and Big Data,**

With an average of 22.8 per session, the attendance for SEDSI 2017 was essentially the same as that for SEDSI 2016 which had an average of 23 per session. Bob will also organize a set of DASI sessions for the 2017 SEDSI meeting in Wilmington, NC on February 22 & 23.