



Texas Association for Institutional Research
2016 Summer Workshops
Friday, July 29, 2015
4400 College Park Drive, Round Rock, Texas 78665

The TAIR Professional Development Committee is proud to announce this year's Summer Workshops to be held at the ACC Campus in Round Rock, TX. The cost of each workshop is \$60. Breakfast and lunch will be provided to attendees.

Register On-line between now and July 25 at: <https://www.regonline.com/tairsummer>

Morning Sessions 9 AM – 12 AM

W1: Excel for Beginners

Guyla Blaylock, Richland College

This beginner's level workshop will introduce new(er) Excel users to tips and tricks that will improve your efficiency in an IR/IE environment. Participants will learn how to analyze basic descriptive statistics, utilize common formulas such as concatenate and V-lookup, and create pivot tables and charts. The end result will be higher productivity, less frustration, and improved communication of data.

W2: Beginning SAS with Enterprise Guide

Laura Wichman, McLennan Community College
Tracy Stegmair, Texas Woman's University

This workshop is for SAS beginners or those who need a refresher in SAS. In this workshop, you will learn the basics of importing data, query building, proc frequency reporting, proc tabulate, proc reports, and outputting data to excel, csv and/or pdf.

W3: IRsanity: Producing Insane Results without Losing Your Mind

Ruby Stevens-Morgan, Prairie View A&M University

Work in IR may get a little crazy at times, and it requires an ability to stick with it. Like the "INSANITY" workout, an initial period of intensity can lead to periods when you can relax and take proactive steps to improve processes and procedures. To meet reporting deadlines and provide accurate data, we must work more efficiently and effectively. This presentation provides practical examples of handling data requests, completing surveys, creating internal resources, and increasing data access. Work in the IR may be one of the hardest things you have ever done, but you can do this!

W4: Using IPEDS data to create dashboards in Tableau Public

Todd Moon, Austin Community College

This hands-on workshop will include step-by step instructions on connecting to a data source, formatting data, creating calculated field and parameters, using filters, creating basic visualizations, combining visualizations to create interactive dashboards, and general Tableau tips and tricks.

Afternoon Sessions 1 PM – 4 PM

W5: Advanced Excel: Using Excel to Increase Program Assessment Efficiency

Jane Mims, Texas A&M University San Antonio

This intermediate-to-advanced workshop will assist more experienced Excel users in developing a reusable workbook to make routine processes such as program assessment more efficient. Participants will learn how to create presentation-ready tables, charts, and graphs that refresh as the raw data behind them is updated. The end result will be more consistent reporting and faster response times on regularly scheduled projects. This hands-on session requires a working knowledge of formulas, pivot tables, and charts and graphs.

W6: Building a Student Achievement Warehouse with SAS and Tableau

Colby Stoeber, Chantel Perry, & Nancy Jones
UT Health Science Center San Antonio

This workshop will provide a demonstration of how a student achievement warehouse can be constructed using a combination of tools. Participants will gain first-hand knowledge and experience from people actively engaged in such a project and leave with ideas on how to implement a similar solution at their own campus.

W7: Effective Presentations

Phil Rhodes, McLennan Community College
Susan Thompson, Texas State University

Communication of information in an effective manner is key for institutional researchers, and even more so in this era of "telling stories" about our data and creating data visualizations. This workshop will focus on principles of design for slides, graphs and charts; storytelling as an effective presentation technique; and development of skills to deliver a professional presentation. Come and learn how to more effectively communicate your message in your reports and professional presentations.

W8: R Evangelism: Bringing R Statistics into the Institutional Research Workplace

Matthew Dabrowski, South Texas College

More and more IR analysts are using the R open-source statistical programming language. Why not you? This session doesn't teach basic R programming, functions or features. Instead, this session will jump-start your adoption of R in concrete ways: with reasons why R may be the right tool for you, methods to learn R by doing, tips on bringing R into your IR practice, and ideas on how best to mix R alongside other tools you use.