



WUSS 2011 Presentation Schedule

Analytics & Statistics

On Deck: SAS/STAT® 9.3

Wednesday, 2:30-3:20

Analytics & Statistics—Curran

Maura Stokes, SAS Institute

Boost your confidence in a 2x2 standard table

Wednesday, 3:30-3:50

Analytics & Statistics—Curran

Iuliana Barbalau, ClinOps

Beyond Breslow-Day: Homogeneity Across R x C Tables

Wednesday, 4:00-4:20

Analytics & Statistics—Curran

Ginny Lai, ICON Clinical Research

An Introduction to the Analysis of Rare Events

Wednesday, 4:30-5:20

Analytics & Statistics—Curran

Nate Derby, Stakana Analytics

Estimating Disease Prevalence from Clinical Data Using Capture-Recapture

Wednesday, 5:30-5:50

Analytics & Statistics—Curran

Carol Conell, Kaiser Permanente

Assessing resource adequacy uncertainty in California electricity summer demand using the MCMC procedure in SAS® Enterprise Miner™

Wednesday, 6:00-6:20

Analytics & Statistics—Curran0

Miguel garcia-cerrutti, CA Energy Commission

“Before and After” Models in Observational Research Using Random Slopes and Intercepts

Thursday, 2:30-3:20

Analytics & Statistics—Curran

David Pasta, ICON Clinical Research

Fitting latency models in epidemiological studies

Thursday, 3:30-3:50

Analytics & Statistics—Curran

Bryan Langholz, University of Southern California

Principal Component Regression as a Countermeasure against Collinearity

Thursday, 4:00-4:20

Analytics & Statistics—Curran

Chong Ho Yu, Arizona State University

Evaluation of the Psychometric Properties of the Inventory of the Dimensions of Emerging Adulthood

Thursday, 4:30-4:50

Analytics & Statistics—Curran

Nadra Lisha, University of Southern California



WUSS 2011 Presentation Schedule

Analytics & Statistics

Why Dummy Variable Makes You SMART, and How to Do it SEXY

Thursday, 5:00-5:20

Brian (Guanghai) Sun, Rick Hansen Institute

Analytics & Statistics—Curran

Consistency of Treatment Effect cross Regions

Thursday, 5:30-5:50

Yunfeng Li, Cerexa, Inc.

Analytics & Statistics—Curran

What's happening if there is "B" in the general linear modeling output?

Thursday, 6:00-6:20

Jason Shilong Kuang, Kelley Blue Book, Inc.

Analytics & Statistics—Curran

Applications Development

Reading and Writing RTF Documents as Data: Automatic Completion of CONSORT Flow Diagrams

Wednesday, 2:30-2:50

Art Carpenter, CA Occidental Consultants

Applications Development—Fillmore A&B

Working the System: Our Best SAS® Options

Wednesday, 3:00-3:20

Patrick Thornton, SRI International

Applications Development—Fillmore A&B

SAS® Macros in an Era of Apps

Wednesday, 3:30-3:50

Sy Truong, Meta-Xceed, Inc.

Applications Development—Fillmore A&B

Benefits of JAVA Within SAS: Exploring the Differences of the new JavaObj and SAS/IML Studio

Wednesday, 4:00-4:20

Diana Shealy, California Polytechnic State University at San Luis Obispo

Applications Development—Fillmore A&B

%GetTweet: A New SAS® Macro to Fetch and Summarize Tweets

Wednesday, 4:30-4:50

Satish Garla, Oklahoma State University

Applications Development—Fillmore A&B

Protecting Macros and Macro Variables: It Is All About Control

Wednesday, 5:00-5:50

Art Carpenter, CA Occidental Consultants

Applications Development—Fillmore A&B

Automating file pulls for recurring jobs ad-hoc reports or other SAS processes

Friday, 9:00-9:20

Ezekiel Budda, Department of Defense

Applications Development—Fillmore A&B



WUSS 2011 Presentation Schedule

Applications Development

[How to easily convert clinical data to CDISC SDTM](#)

Friday, 9:30-9:50

Applications Development—Fillmore A&B

Ale Gicqueau, Clinovo

[Managing Your Intellectual Property: Optimizing Your Investment of Resources by Building a Searchable SAS® Program Repository](#)

Friday, 10:00-10:50

Applications Development—Fillmore A&B

Joe Perry, Perry & Associates Consulting

[Turbocharging Your Microsoft Office Environment with version 4.3 of the SAS® Add-In for Microsoft Office](#)

Friday, 11:00-11:50

Applications Development—Fillmore A&B

Kevin Bickford, SAS Institute

Business Intelligence

[Comparison of K-means, Normal Mixtures and Probabilistic-D Clustering for B2B Segmentation using Customers' Perceptions](#)

Wednesday, 2:30-2:50

Business Intelligence—Orpheum

Satish Garla, Oklahoma State University

[If you imbed it...?](#)

Wednesday, 3:00-3:20

Business Intelligence—Orpheum

Donald Price, Metropolitan State College of Denver

[Using Affinity Models for Buyer Behaviors](#)

Wednesday, 3:30-3:50

Business Intelligence—Orpheum

Matthias Kehder, Modern Analytics

[Modeling Interactive Advertising on TiVo: Overcoming the Challenges of Collinearity, Efficiency, and Practicality](#)

Wednesday, 4:00-4:20

Business Intelligence—Orpheum

Rachel Poulsen, TiVo

[Create Compelling Visualizations with Geographic Data and JMP® 9](#)

Wednesday, 4:30-5:20

Business Intelligence—Orpheum

Laura Higgins, JMP

[Practically Perfect Presentations](#)

Wednesday, 5:30-6:20

Business Intelligence—Orpheum

Cynthia Zender, SAS Institute



WUSS 2011 Presentation Schedule

Coders' Corner

Assigning a User-defined Macro to a Function Key

Wednesday, 2:30-2:40
Coders' Corner—Warfield

Mary Rosenbloom, Edwards Lifesciences, LLC

You Could Be a SAS® Nerd If . . .

Wednesday, 2:45-2:55
Coders' Corner—Warfield

Kirk Paul Lafler, Software Intelligence Corporation

Macro Tabulating Missing Values, Leveraging SAS® PROC CONTENTS

Wednesday, 3:00-3:10
Coders' Corner—Warfield

Adam Chow, Dept. of Veterans Affairs

Hunting for Columbus' Eggs in the SAS® Programming World: A Guidance to Creative Thinking for SAS® Programmers

Wednesday, 3:15-3:25
Coders' Corner—Warfield

Alice Cheng, Independent

Output SAS® DATA Step Views: an Experimental Feature

Wednesday, 3:30-3:40
Coders' Corner—Warfield

Thomas Billings, Union Bank

Exporting Variable Labels as Column Headers in Excel using SAS®

Wednesday, 3:45-3:55
Coders' Corner—Warfield

Chaitanya Chowdagam, MaxisIT

SAS Data Step Debugger: Your Liberator from Logic Errors

Wednesday, 4:00-4:10
Coders' Corner—Warfield

Brandi Rhoads, Franchise Tax Board

Producing Cumulative Distribution Frequency Figures with Minimal Important Difference Reference Lines to Assess Quality of Life Treatment Effects

Wednesday, 4:15-4:25
Coders' Corner—Warfield

Xiao Liu, ICON Late Phase & Outcomes Research

Creating SAS® Datasets from Varied Sources

Wednesday, 4:30-4:40
Coders' Corner—Warfield

Sofia Shamas, Maxisit Inc

Has Anybody Opened My File? Find Out Before Trying to Update it

Wednesday, 4:45-4:55
Coders' Corner—Warfield

Olena Galligan, Teikoku Pharma, USA



WUSS 2011 Presentation Schedule

Coders' Corner

[Adding PROC SQL to your SAS® toolbox for merging multiple tables without common variable names](#)

Wednesday, 5:00-5:10
Coders' Corner—Warfield

Susan Wancewicz, University of California, San Diego

[Best Practices: Clean House to Avoid Hangovers](#)

Wednesday, 5:15-5:25
Coders' Corner—Warfield

Mary Rosenbloom, Edwards Lifesciences, LLC

[VBA Microsoft Access 2007 Macros to Import Formats and Labels to SAS®](#)

Wednesday, 5:30-5:40
Coders' Corner—Warfield

Maria Melguizo Castro, University of Arkansas for Medical Sciences

[SAS Date refresher: cleaning up legacy code using ANYDTDTEw., ANYDTDTMw. and ANYDTDTMEw. informat](#)

Wednesday, 5:45-5:55
Coders' Corner—Warfield

Laura Kelly, Bank of America

[Macro Quoting to the Rescue: Passing Special Characters](#)

Wednesday, 6:00-6:10
Coders' Corner—Warfield

Mary Rosenbloom, Edwards Lifesciences, LLC

[Are You Taking it Day by Day or Having an Episode? Identifying and Describing Patterns in Longitudinal Data](#)

Thursday, 2:30-2:40
Coders' Corner—Warfield

Sarah Short, ICON Clinical Research

[Sam and Max's Adventure in SAS® Macro Land. \(Quick and Easy tips for Macro programming\)](#)

Thursday, 2:45-2:55
Coders' Corner—Warfield

Sam/Seunghee Chung, Educational Testing Service

[Quick ODS OUTPUT Statements](#)

Thursday, 3:00-3:10
Coders' Corner—Warfield

Patrick Thornton, SRI International

[Conditional Processing Using the Case Expression in PROC SQL®](#)

Thursday, 3:15-3:25
Coders' Corner—Warfield

Kirk Paul Lafler, Software Intelligence Corporation

[Tag It, Bag It, Put It Out into Excel](#)

Thursday, 3:30-3:40
Coders' Corner—Warfield

Ethan Miller, SRI International



WUSS 2011 Presentation Schedule

Coders' Corner

Using PROC SQL to Calculate FIRSTOBS

Thursday, 3:45-3:55

Coders' Corner—Warfield

David Tabano, Kaiser Permanente

Efficient Techniques and Tips in Handling Large Datasets

Thursday, 4:00-4:10

Coders' Corner—Warfield

Jason Shilong Kuang, Kelley Blue Book, Inc.

Customized Graphics Made Simpler

Thursday, 4:15-4:25

Coders' Corner—Warfield

Sofia Shamas, Maxisit Inc

HTMLBlue That's Really, Really Where We're Going To!

Thursday, 4:30-4:50

Coders' Corner—Warfield

Warren Kuhfeld, SAS Institute

Using PROC CONTENTS and a Macro to Convert Internal Data Values to their Associated Format Values

Thursday, 5:00-5:10

Coders' Corner—Warfield

Mary Rosenbloom, Edwards Lifesciences, LLC

Sending Emails in SAS® to Facilitate Clinical Trial

Thursday, 5:15-5:25

Coders' Corner—Warfield

Frank Fan, Clinovo

Data Capture, Validation, Manipulation, & Integration

SAS® Formats and the Format Procedure

Thursday, 8:30-9:20

Data Capture, Validation, Manipulation, & Integration—Warfield

Christine Riddiough, SAS Institute

Array, Hurray, Array; Consolidate or Expand Your Input Data Stream Using Arrays

Thursday, 9:30-9:50

Data Capture, Validation, Manipulation, & Integration—Warfield

William Benjamin Jr, Owl Computer Consultancy LLC

The Many Uses of SQL Subqueries

Thursday, 10:00-10:20

Data Capture, Validation, Manipulation, & Integration—Warfield

Tasha Chapman, State of Oregon - DCBS



WUSS 2011 Presentation Schedule

Data Capture, Validation, Manipulation, & Integration

Helping Students Become Effective Industry Statisticians: Supplementing Science with Data Savvy

Thursday, 10:30-10:50 Aleksandra Stein, Celerion/University of Nebraska-Lincoln
Data Capture, Validation, Manipulation, & Integration—Warfield

Probabilistic Record Linkage in SAS®

Thursday, 11:00-11:50 Glenn Wright, UCSF
Data Capture, Validation, Manipulation, & Integration—Warfield

Data Presentation

The Wonderful Wizard Of ODS - Using The EXCELXP Tagset Coupled With Proc Template, And Proc Report, To Twist Your World From Gray To All The Colors Of The Rainbow

Thursday, 8:30-8:50 Steven Black, W. L. Gore & Associates
Data Presentation—Orpheum

SAS® Data Query and Edit Checks Web 2.0

Thursday, 9:00-9:50 Sy Truong, Meta-Xceed, Inc.
Data Presentation—Orpheum

Now You Can Annotate Your Statistical Graphics Procedure Graphs

Thursday, 10:00-10:50 Dan Heath, SAS Institute
Data Presentation—Orpheum

Let's Give 'Em Something to TOC about: Transforming the Table of Contents of Your PDF File

Thursday, 11:00-11:50 Chevell Parker, SAS Institute
Data Presentation—Orpheum

Using SAS® GTL to Visualize Your Data When There is Too Much of It to Visualize

Thursday, 2:30-3:20 Nate Derby, Stakana Analytics
Data Presentation—Orpheum

Is the Legend in your SAS/Graph® Output Still Telling the Right Story?

Thursday, 3:30-3:50 Alice Cheng, Independent
Data Presentation—Orpheum

A Guide for Using SAS® and OpenXML to Create Charts in MS Excel®

Thursday, 4:00-4:20 James Van Campen, SRI International
Data Presentation—Orpheum



WUSS 2011 Presentation Schedule

Data Presentation

[Tips and Techniques for Automating the SAS® Add-In for Microsoft Office with Visual Basic for Applications](#)

Thursday, 4:30-5:20

Tim Beese, SAS Institute

Data Presentation—Orpheum

[Graphing a Progression of Time Series Plots with ODS Graphics](#)

Friday, 8:30-8:50

Nate Derby, Stakana Analytics

Data Presentation—Orpheum

[Making the Most Out of Multilabel Formats](#)

Friday, 9:00-9:20

Tasha Chapman, State of Oregon - DCBS

Data Presentation—Orpheum

[Data Visualization of User Interface Navigation Using Interactive Treeview Diagrams](#)

Friday, 9:30-9:50

Aruna Buddana, TiVo Inc

Data Presentation—Orpheum

[The Perfect Marriage: The SAS® Output Delivery System \(ODS\) and Microsoft Office](#)

Friday, 10:00-10:50

Chevell Parker, SAS Institute

Data Presentation—Orpheum

[SAS® Style Templates: Always in Fashion](#)

Friday, 11:00-11:50

Cynthia Zender, SAS Institute

Data Presentation—Orpheum

Hands-on-Workshop

[Ready To Become Really Productive Using PROC SQL?](#)

Wednesday, 2:30-3:50

Sunil Gupta, Gupta Programming

Hands-on-Workshop—Conference Theatre

[Quick Results with PROC SQL®](#)

Wednesday, 4:00-5:20

Kirk Paul Lafler, Software Intelligence Corporation

Hands-on-Workshop—Conference Theatre

[Statistical Graphics for Clinical Research Using ODS Graphics Designer](#)

Thursday, 8:30-9:50

Wei Cheng, Isis Pharmaceuticals, Inc.

Hands-on-Workshop—Conference Theatre

[Creating Stylish Multi-Sheet Microsoft Excel Workbooks the Easy Way with SAS®](#)

Thursday, 10:00-11:20

Vince DeGobbo, SAS Institute

Hands-on-Workshop—Conference Theatre



WUSS 2011 Presentation Schedule

Hands-on-Workshop

PROC TABULATE: Doing More

Thursday, 2:30-3:50

Hands-on-Workshop—Conference Theatre

Art Carpenter, CA Occidental Consultants

Getting Up to Speed with PROC REPORT

Thursday, 4:00-5:20

Hands-on-Workshop—Conference Theatre

Kimberly LeBouton, KJL Computing

Hands-on-Workshop/SAS Essentials

Graphing Made Easy with SG Procedures

Friday, 8:30-9:50

Hands-on-Workshop/SAS Essentials—Conference Theatre

Susan Slaughter, Avocet Solutions

PROC TABULATE: Getting Started

Friday, 10:00-11:20

Hands-on-Workshop/SAS Essentials—Conference Theatre

Art Carpenter, CA Occidental Consultants

Health Outcomes & Healthcare Research Methodologies

Use CDISC SDTM as a data middle-tier to streamline your SAS® infrastructure

Thursday, 9:00-9:20

Health Outcomes & Healthcare Research Methodologies—Warfield

Kalyani Chilukuri, clinovo

Linkage of hospitalization records with time series data to define chronic disease events in a prospective epidemiologic study

Thursday, 9:30-9:50

Health Outcomes & Healthcare Research Methodologies—Warfield

Nadia Chung, City of Hope

A SAS® Macro Program to Calculate Medication Adherence Rate for Single and Multiple Medication Use

Thursday, 10:00-10:20

Health Outcomes & Healthcare Research Methodologies—Warfield

Li-Hao Chu, Kaiser Permanent Southern California



WUSS 2011 Presentation Schedule

Health Outcomes & Healthcare Research Methodologies

Estimating Sample Size through Simulations

Thursday, 10:30-10:50

Wuchen Zhao, University of Southern California

Health Outcomes & Healthcare Research Methodologies—Warfield

Using SAS Procedure Proc Mixed to Assess the Effects of School Health Policy Requirements on Change in Student Health Outcomes

Thursday, 11:00-11:20

Lori Miller, University of Washington

Health Outcomes & Healthcare Research Methodologies—Warfield

Causal Methods for Observational Data

Thursday, 11:30-11:50

Amanda Stevenson, University of Texas at Austin

Health Outcomes & Healthcare Research Methodologies—Warfield

Effects of Timing of Surgery in Children with Ureteropelvic Junction Obstruction: A Pediatric Health Information System (PHIS) Database Study using SAS®

Friday, 8:30-8:50

Andrea Masias, University of Colorado Anschutz Medical Campus

Health Outcomes & Healthcare Research Methodologies—Warfield

Clinical Data Integration for Observational Studies Using Electronic Health Records: Examples with Defining Pregnancy and Gestational Diabetes

Friday, 9:00-9:20

Beinan Zhao, Palo Alto Medical Foundation Research Institute

Health Outcomes & Healthcare Research Methodologies—Warfield

Combining PROC SQL Summary Functions with Logical Expressions

Friday, 9:30-9:50

Glenn Wright, UCSF

Health Outcomes & Healthcare Research Methodologies—Warfield



WUSS 2011 Presentation Schedule

Health Outcomes & Healthcare Research Methodologies

Analyze This? Supporting Clinical Decisions Graphically When Not Enough Data is Available A Study Case: Challenges in NCI CTCAE Version 4 Grading

Friday, 10:00-10:20
Health Outcomes & Healthcare Research Methodologies—Warfield

Sheila Dayog, Genentech, A Member of the Roche Group

Clinical Data Review on iPad® with DEFINE.XML

Friday, 10:30-11:20
Health Outcomes & Healthcare Research Methodologies—Warfield

Sy Truong, Meta-Xceed, Inc.

Posters

SAS® DM Statements Unveiled

Wednesday, 2:00-2:50
Posters—Cypress A&B

Megha Agarwal, Clinovo

Is Your SAS Library a Disk Hog? Here's How to Put it on a Diet

Wednesday, 2:00-2:50
Posters—Cypress A&B

Ross Bettinger, Modern Analytics

ChiD, A χ^2 -Based Discretization Algorithm

Wednesday, 2:00-2:50
Posters—Cypress A&B

Ross Bettinger, Modern Analytics

Solve Eight Queens Puzzle with SAS® Macro

Wednesday, 2:00-2:50
Posters—Cypress A&B

Jian Dai, Clinovo

Using Vovici API in SAS® 9.2

Wednesday, 2:00-2:50
Posters—Cypress A&B

Richard Koopmann, Capella University

A Taylor Series Based Linearization for Forecasting Time Series Data?

Wednesday, 2:00-2:50
Posters—Cypress A&B

Anpalaki Ragavan, UNiversity of Nevada, Reno

SAS® since 1976

Wednesday, 2:00-2:50
Posters—Cypress A&B

Zubair Shaik, Oklahoma State University



WUSS 2011 Presentation Schedule

Posters

[JMP® Scripting: Advanced Techniques](#)

Wednesday, 2:00-2:50
Posters—Cypress A&B

Erin Vang, Global Pragmatica

[SAS Program as a Backup Tool for an Adaptive Randomization System](#)

Wednesday, 2:00-2:50
Posters—Cypress A&B

Yajie Wang, VA Palo Alto HCS

Resources

[WUSS Conference Android App](#)

Friday, 8:30-8:50
Resources—Curran

Sy Truong, Meta-Xceed, Inc.

[Improving Your SAS® Skills and Expertise - Career Path Considerations](#)

Friday, 9:00-9:20
Resources—Curran

Kirk Paul Lafler, Software Intelligence Corporation

[This is how we do it: teaching SAS® in the Cal Poly Statistics Department](#)

Friday, 9:30-9:50
Resources—Curran

Rebecca Ottesen (Jimmy Doi), City of Hope / Cal Poly SLO

[What is a SAS Mentor and why do I need one?](#)

Friday, 10:00-10:20
Resources—Curran

Stanley Fogleman, Harvard Clinical Research Institute

[Top Ten SAS® Sites for Programmers: A Review](#)

Friday, 10:30-10:50
Resources—Curran

Kirk Paul Lafler, Software Intelligence Corporation

[At Your Service: Your Roadmap to Support from SAS®](#)

Friday, 11:00-11:50
Resources—Curran

Kathy Council, SAS Institute

SAS Essentials

[SAS Essentials I: SAS® Functions for a Better Functioning Community](#)

Thursday, 8:30-9:35
SAS Essentials—Fillmore A&B

AnnMaria De Mars, The Julia Group

[SAS Essentials II: Better-Looking SAS for a Better Community](#)

Thursday, 9:45-10:50
SAS Essentials—Fillmore A&B

AnnMaria De Mars, The Julia Group



WUSS 2011 Presentation Schedule

SAS Essentials

[SAS Essentials III: Statistics for Hamsters](#)

Thursday, 11:00-11:50

SAS Essentials—Fillmore A&B

AnnMaria De Mars, The Julia Group

[Tips and Techniques for the SAS® Programmer](#)

Thursday, 2:30-3:20

SAS Essentials—Fillmore A&B

Helen Carey, Carey Consulting

[SAS® Macro Programming for Beginners](#)

Thursday, 3:30-4:20

SAS Essentials—Fillmore A&B

Susan Slaughter, Avocet Solutions

[Introduction to SAS® Programming](#)

Thursday, 4:30-5:20

SAS Essentials—Fillmore A&B

Lily Xu, Ohlone College

Tutorials

[An Introduction to Creating Multi-Sheet Microsoft Excel Workbooks the Easy Way with SAS®](#)

Wednesday, 2:30-3:20

Tutorials—Sequoia

Vince DelGobbo, SAS Institute

[Tips and Tricks for SG Procedures and GTL for Clinical Graphs](#)

Wednesday, 3:30-4:20

Tutorials—Sequoia

Sanjay Matange, SAS Institute

[Creating Statistical Graphics with ODS in SAS® Software](#)

Wednesday, 4:30-6:10

Tutorials—Sequoia

Warren Kuhfeld, SAS Institute

[Getting Freqy with PROC REPORT](#)

Thursday, 8:30-9:20

Tutorials—Sequoia

Ethan Miller, SRI International

[Powerful and Sometimes Hard-to-find PROC SQL® Features](#)

Thursday, 9:30-10:20

Tutorials—Sequoia

Kirk Paul Lafler, Software Intelligence Corporation



WUSS 2011 Presentation Schedule

Tutorials

Understanding the Anatomy of a SAS® Deployment: What's in My Server Soup?

Thursday, 10:30-11:20

Connie Robison, SAS Institute

Tutorials—Sequoia

An Introduction to SAS® Character Functions

Thursday, 2:30-3:20

Ronald Cody, self-employed

Tutorials—Sequoia

Power Analysis: What is Available and What You Need to Know

Thursday, 3:30-4:20

Gerry Hobbs, West Virginia University

Tutorials—Sequoia

Becoming a Better Programmer with SAS® Enterprise Guide® 4.3

Thursday, 4:30-5:20

Andy Ravenna, SAS Institute

Tutorials—Sequoia

SAS Macros for the Working Statistician

Thursday, 5:30-6:20

William Krebs, Self-employed

Tutorials—Sequoia

HELP, My SAS® Program isn't Working: Where to Turn When You Need Help

Friday, 8:30-9:20

Kimberly LeBouton, KJL Computing

Tutorials—Sequoia

Up To Speed With Categorical Data Analysis

Friday, 9:30-10:20

Maura Stokes, SAS Institute

Tutorials—Sequoia

Statistical Analyses Using SAS® Enterprise Guide®

Friday, 10:30-11:20

R. Scott Leslie, MedImpact Healthcare Systems, Inc.

Tutorials—Sequoia