Monday Session

	Advanced Analytics	Beyond The Basics	BI/Customer Intelligence / Career Development	Rapid Fire / Data Visualization & Graphics	In Conference Training	Pharmaceutical Applications	SAS 101	SAS Super Demo	Meet the Presenter	
	Merchants	Hill	Herndon	Washington City	St Nicholas B	Cozzens	St Nicholas A	Blackstone	Blackstone	
7:00	Continental Breakfast (included) - Blackstone Foyer - 7:00 - 9:00 AM / Networking and Innovation Area (Blackstone Ballroom) 8:00 - 12:00 PM and 1:00 - 5:00 PM									7:00
7:30	Registration and Information Desk Open - Second Level 7:30 AM -12:00 PM and 1:00 - 5:00 PM									7:30
8:00	AA-01: Can you STOP the guesswork in your marketing budget Allocation?? Marketing Mixed Modeling using SAS® can help!! **Delali Agbenyegah** 8:00-8:50	BB-19: Getting Started With the SAS Add-in For Microsoft Office Product **Ben Cochran** 8:00-8:50	CD-01: What's Hot, What's Not - Skills for SAS® Professionals **Kirk Paul Lafler and Charlie Shipp** 8:00-8:50	RF-11: Why Would You Not Want to Learn about Proc Document **Roger Muller** 8:00-8:10 -------- RF-13: Building PROC FORMAT Code from Data Dictionary Automatically **Ran Gu and Ashley Newmyer** 8:20-8:30 -------- RF-03 SAS Dates with Decimal Time **John King** 8:40 - 8:50			SA-01: The REPORT Procedure: A Primer for the Compute Block **Jane Eslinger** 8:00-8:50			8:00
8:30						PH-01: Transitions in Depressive Symptoms After 10 Years of Follow-up Using PROC LTA in SAS® and Mplus **Seungyoung Hwang** 8:30-8:50				8:30
9:00	AA-02: Insurance Predictive Analytics **Mei Najim** 9:00-9:50	BB-02: GreenSpace: A Macro to Improve a SAS Data Set Footprint **Brian Varney** 9:00-9:20	CD-02: SAS® Software as an Essential Tool in Statistical Consulting and Research **Tim O'Brien** 9:00-9:50	RF-04 Reading a Column into a Row to Count N-levels, Calculate Cardinality . . . **Ron Fhed** 9:00 - 9:10 -------- RF-05 'V' for . . . Variable Information Functions to the Rescue **Richann Watson and Karl Miller** 9:20 - 9:30 -------- RF-06 Automated LSTtoRTFtoPDF Converter **Palanisamy Mohan** 9:40-9:50	ICT-01: Building Dynamic Programs and Applications Using the SAS® Macro Language **Art Carpenter** 9:00-11:50	PH-02: Automated Project Management of SAS Tasks - Excel Dashboard without Using any Program **Kalaivani Raghunathan** 9:00-9:20	SA-02: Introduction to PROC SQL **Jennifer First-Kluge** 9:00-9:50	SD-01: You Want ME to use SAS® Enterprise Guide® ?? **Vince DelGobbo** 9:00-9:30	MP-01: Keith Renison 9:00-10:00	9:00
9:30		BB-10: An Autoexec Companion, Allocating Location Names during Startup **Ronald Fehd** 9:30-9:50				PH-03: How to Build a Hierarchical Mixed Model in SAS **Sara Burns, Eric Novak and Amit Amin** 9:30-9:50				9:30
10:00	Morning Break (Refreshments Available from 9:30 am - 11:00 am)					Morning Break		SD-02: SAS® Visual Analytics Overview **Keith Renison** 10:00-10:30	MP-02: Vince DelGobbo 10:00-11:00	10:00
10:30	AA-11: Shifting Expectations: A practical algorithm for detecting level shifts using robust rolling statistics **Matthew Bates** 10:30-10:50	BB-18: Beyond a One-Stoplight Town: A Base SAS Solution to Preventing Data Access Collisions through the Detection, Deployment, Monitoring, and Optimization . . . **Troy Hughes** 10:30-10:50	CD-03: Preparing for Future Careers in Big Data, Marketing Analytics and Data Warehousing **Helen Fowler** 10:30-10:50	RF-07: Macro to Create Multiple SQL In-clauses from One Column of Data **Mark Millman** 10:30-10:40 -------- RF-08 Essentials of macro quoting functions in SAS **Kaushal Chaudhary** 10:50 - 11:00 -------- RF-09 %SYSFUNC Is Your Friend **Kaushal Chaudhary and Deanna Schreiber-Gregory** 11:10 - 11:20 -------- RF-10: A Macro for Systematic Treatment of Special Values in Weight of Evidence Variable Transformation **Chaoxian Cai** 11:30-11:40		PH-06: Plotting LSMEANS and Differences in Generalized Linear Models with GTL **Robin High** 10:30-10:50	SA-03: SAS Enterprise Guide for Managers and Executives **Jennifer First-Kluge** 10:30-10:50			10:30
11:00	AA-04: Advanced Techniques for Fitting Mixed Models Using SAS/STAT® Software **Kathleen Kiernan** 11:00-11:50	BB-03: Just passing through... Or are you? Determine when SQL Pass-Through occurs to optimize your queries **Misty Johnson** 11:00-11:20	CD-04: Career Development Panel Discussion **John Xu** 11:00-11:50			PH-08: Ushering SAS Emergency Medicine into the 21st Century: Toward Exception Handling Objectives, Actions, Outcomes, and Comms **Troy Hughes** 11:00-11:50		SD-03: Using SAS® Data Loader to Clean Your Data **Keith Renison** 11:00-11:30	MP-03: Jane Eslinger 11:00-12:00	11:00
11:30		BB-05: Retrieving Survey Data using the Qualtrics REST API with SAS **Katie Tanner** 11:30-11:50								11:30
12:00	Networking Lunch (included) - Grand Central Foyer 12:00 - 1:00 PM									12:00
1:00	AA-05: Need Help Finding Something? Why Not Ask Your (Artificial) Community! Applying Collaborative Filtering Recommendation Systems to Increase . . . **Benjamin Elbert** 1:00-1:50	BB-07: Controlling Colors by Name; Selecting, Ordering, and Using Colors for Your Viewing Pleasure **Art Carpenter** 1:00-1:20 -------- BB-06: Color, Rank, Count, Name; Controlling it all in PROC REPORT **Art Carpenter** 1:30-2:20	BI-02: Creating Multi-Sheet Microsoft Excel Workbooks with SAS(r): The Basics and Beyond Part 2. **Vince DelGobbo** 1:00-1:50	DV-07: Cutpoint Determination Methods in Survival Analysis using SAS®: Updated %FINDCUT macro **Jeffrey Meyers & Jayawant Mandrekar** 1:00-1:20 -------- DV-02: A Macro to Easily Generate an interactive Google Map Report **Ting Sa** 1:30-1:50	ICT-02: Output Delivery System: The Basics and Beyond **Kirk Paul Lafler** 1:00-3:50		SA-05: Pruning the SASLOG - Digging into the Roots of NOTEs, WARNINGs, and ERRORs **Andrew Kuligowski** 1:00-1:50	SD-04: What's New in SAS® 9.4 SG Procedure **Ted Durie** 1:00-2:00	MP-04: Chevell Parker 1:00-2:00	1:00
1:30										1:30
2:00	AA-12: Predictive Modeling Using Artificial Neural Networks in SAS® Enterprise Miner **Kechen Zhao** 2:00-2:20		BI-03: In Search of the LOST CARD **Andrew Kuligowski** 2:00-2:20	DV-03: Sales Force Alignment Visualization with SAS® **Yu Daniel Wang** 2:00-2:20			SA-06: Let SAS Cleanse Your Dirty Data **Kaushal Chaudhary and Deanna Schreiber-Gregory** 2:00-2:20	SD-05: What's New in SAS® 9.4 Graphics Template Language **Ted Durie** 2:00-2:30	MP-05: Edoardo Riva 2:00-3:00	2:00
2:30	Afternoon Break (Refreshments Available from 2:00 pm - 3:30 pm)					Afternoon Break (Refreshments Available from 2:00 pm - 3:30 pm)				2:30
3:00	AA-06: Base SAS Sentiment Analysis Using Catchprases **Mike Tangedal** 3:00-3:50	BB-12: Wow you did that with SAS Stored Processes? **David Mitchell and Rick Trojan** 3:00-3:50	BI-04: Staying Relevant in a Competitive World: Using the SAS® Output Delivery System to Enhance, Customize, and Render Reports **Chevell Parker** 3:00-3:50	DV-04: Visualize the Geography of your Business Insights using SAS MAP tools **Xingrong Zhang** 3:00-3:20 -------- DV-05: Getting Productive Fast in SAS ODS Graphics -- a " Simple Look-See" Approach **Roger Muller** 3:30-3:50				SD-06: Getting Started with Enabling Your End-User Applications to Use SAS® Grid Manager 9.4 **Edoardo Riva** 3:00-3:30 -------- SD-07: Highlights of SAS/STAT® 14.1 **Gordon Brown** 3:30-4:00	MP-06: Gordon Brown 3:00-4:00	3:00
4:00		BB-13: Tips and Tricks for getting the most out of the SAS Macro facility **Scott Miller** 4:00-4:20	BI-05: Introduction to ODS Graphics **Chuck Kincaid** 4:00-4:50	DV-06: Intuitive Demonstration of Statistics through Data Visualization of Pseudo-Randomly Generated Numbers in R and SAS **Jack Sawilowsky** 4:00-4:20		Super SAS Bowl **Grand Central D** 4:00 - 5:00			MP-07: Rex Pruitt 4:00-5:00	4:00
5:30	Monday Evening Dinner at Durham Museum 5:30-10:00 PM									5:30

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Tuesday Session

	Advanced Analytics	Beyond The Basics	BI/Customer Intelligence	Code Clinic	Tools of the Trade	In Conference Training	Rapid Fire / Pharmaceutical Applications	SAS 101	SAS Super Demo	Meet the Presenter	
	Merchants	Hill	Herndon	Blackstone	Washington City	St Nicholas B	Cozzens	St Nicholas A	Blackstone	Blackstone	
7:00	Continental Breakfast (included) - Blackstone Foyer - 7:00 - 9:00 AM / Networking and Innovation Area (Blackstone Ballroom) 8:00 - 1:00 PM										7:00
8:00	Registration and Information Desk Open - Second Level 8:00 AM -12:00 PM and 1:00 - 4:00 PM										8:00
8:00	AA-09: Using SAS for the Longitudinal Analysis of Difference Scores **Brandy Sinco, Edith Kieffer, Michael Spencer, Gloria Palmisano, Gretchen Piatt and Michele Heisler** 8:00-8:50	BB-01: Five Little Known, But Highly Valuable and Widely Usable, PROC SQL Programming Techniques **Kirk Paul Lafler** 8:00-8:50	BI-06: Introduction to SAS® Data Loader: The Power of Data Transformation in Hadoop **Keith Renison** 8:00-8:20 BI-11: The Joinless Join ~ The Impossible Dream Come True; Expanding the Power of SAS® Enterprise Guide® in a New Way **Kent Phelps and Ronda Phelps** 8:30-8:50		TT-02: You Can't Spell 'Assume' without S.A.S. **Mike Tangedal** 8:00-8:50			SA-07: Getting and Staying Organized: Tips for Improving the SAS Data Analysis/Analyst Experience **Harlan Sayles** 8:00-8:20 SA-08: Are You Missing Out? Working with Missing Values to Make the Most of What is not There **Art Carpenter** 8:30-8:50			8:00
8:30											8:30
9:00	AA-10: Cross-Cultural Comparison of the School Factors Affecting Students' Achievement in Mathematical Literacy: Based on the Multilevel Analysis of PISA 2012 **Yage Guo** 9:00-9:50	BB-08: Table Lookup Techniques: From the Basics to the Innovative **Art Carpenter** 9:00-9:50	BI-07: Intermediate ODS Graphics **Chuck Kincaid** 9:00-9:50	CC-01: Code Clinic 9:00-11:50	TT-01: Dynamic Dashboards Using Base-SAS® Software **Kirk Paul Lafler** 9:00-9:50	ICT-03: Manipulating Data Using DO Loops and Arrays **Ben Cochran** 9:00-11:50	RF-15 A Simple Adjustment for Selection Bias Through Use of Propensity Scoring **Deanna Schreiber-Gregory** 9:40 - 9:50	SA-09: Importing multiple spreadsheets in an Excel Workbook: An introduction to Macros **Nathan Becker and William Muntean** 9:00-9:20 SA-10: Improving Data Collection Efficiency and Programming Process Flow using SAS Enterprise Guide with Epi Info **Chad Wetzel, Justin Frederick and Anne O'Keefe** 8:30-8:50	SD-08: SAS 9.4M3 ODS Excel Destination **Chevell Parker** 9:00-9:30	MP-08: Kathleen Kiernan 9:00-10:00	9:00
9:30											9:30
10:00	Morning Break (Refreshments Available from 9:30 am - 11:00 am)				Morning Break		Morning Break (Refreshments Available from 9:30 am - 11:00 am)		SD-09: ODS 9.4 in a Nutshell **Chevell Parker** 10:00-10:30	MP-09: Ted Durie 10:00-11:00	10:00
10:30	AA-13: Two-Stage Attribute Match and Its Applications in Loyalty Marketing **Jie Liao and Yi Cao** 10:30-10:50	BB-11: Do we need Macros? An Essay on the Theory of Application Development **Ronald Fehd** 10:30-10:50	BI-08: Easy Come, Easy Go Interactions between the DATA Step and External Files **Andrew Kuligowski** 10:30-11:20		TT-03: Leveraging Hadoop from the Comfort of SAS **Emily Hawkins and Lal Puthenveedu Rajanpillai** 10:30-11:20		RF-14: Using a Picture Format to Create Visit Windows **Richann Watson** 10:30-10:40 --- RF-16 Making Historical Versions of SAS Code While Developing in Enterprise Guide **Roger Muller** 10:50-11:00 --- RF-12: Find your Way to Quick and Easy Table Lookups With FINDW **Josh Horstman** 11:10-11:20	SA-13: Downloading, Configuring, and Using the Free SAS® University Edition Software **Kirk Paul Lafler and Charlie Shipp** 10:30-11:20			10:30
11:00	AA-08: Get the highest bangs for your buck using Incremental Response Models in SAS® Enterprise Miner TM **Delali Agbenyegah** 11:00-11:50	BB-09: Data Labs with SAS and Teradata: Value, Purpose and Best Practices **Helen Fowler and Tho Nguyen** 11:00-11:50							SD-10: Clinical Graphs using SAS® 9.4 **Ted Durie** 11:00-11:30	MP-10: Vince DelGobbo 11:00-12:00	11:00
11:30			BI-09: Debt Collection Through SAS® Analytics Lens **Karush Jaggi, Thomas Waldschmidt, Harold Dickerson, Eric Hayes and Goutam Chakraborty** 11:30-11:50		TT-04: Multiple Imputation for Arbitrary Missing Data: SAS vs R **Kaushal Chaudhary and Deanna Schreiber-Gregory** 11:30-11:50			SA-14: Beyond IF THEN ELSE: Techniques for Conditional Execution of SAS Code **Josh Horstman** 11:30-11:50			11:30
12:00	Networking Lunch - Blackstone Foyer 12:00 - 1:00 PM										12:00
1:00	AA-03: Fitting and Evaluating Logistic Regression Models **Bruce Lund** 1:00-1:20 AA-07: Slice and Dice your customers easily by using SAS® Clustering Procedures **Yanping Shen** 1:30-2:20	BB-16: Cleaning Dirty Data with Just a Handful of SAS Functions **Ben Cochran** 1:00-1:50	BI-10: SAS® Enterprise Guide® System Design **Jennifer First-Kluge** 1:00-1:50		TT-05: SAS® Enterprise Guide® Base SAS® Program Nodes ~ Automating Your SAS World With a Dynamic FILENAME Statement, Dynamic Code, and the CALL EXECUTE Command; . . . **Kent Phelps and Ronda Phelps** 1:00-1:50	ICT-04: Penalized Regression Methods for Linear Models in SAS/STAT® **G. Gordon Brown** 1:00-3:50	PH-07: Utilizing Propensity Score Analyses to Adjust for Selection Bias: A Study of Adolescent Mental Illness and Substance Use **Deanna Schreiber-Gregory** 1:00-1:50	SA-11: Basic SAS® PROCedures for Producing Quick Results **Kirk Paul Lafler** 1:00-1:50			1:00
1:30											1:30
2:00		BB-04: Securing Software Portability through Self-Extracting, Self-Spawning, Spontaneously Combustible Code **Troy Hughes** 2:00-2:20	BI-01: Decision Management with DS2 **Helen Fowler and Tho Nguyen** 2:00-2:20		TT-06: Using SAS Programs to Conduct Discriminate Analysis **Mengyu Liu** 2:00-2:20		RF-02 Essential PROC SQL Join Techniques Using SAS® University Edition Software **Kirk Paul Lafler** 2:00 - 2:10	SA-15: Good SAS Programming Practices **Pat O'Meara** 2:00-2:50			2:00
2:30	Afternoon Break (Refreshments Available from 2:00 pm - 3:30 pm)						RF-01 Essential DATA Step Merge Techniques Using SAS® University Edition Software **Kirk Paul Lafler & Charlie Shipp** 2:30 - 2:40		Afternoon Break		2:30
3:00		BB-17: When Reliable Programs Fail: Designing for Timely, Efficient, Push-Button Recovery **Troy Hughes** 3:00-3:50	BI-12: Using E-Miner to Create Model Documentation and/or Reproducible Research **Rex Pruitt** 3:00-3:50		TT-09: A Demonstration of SAS Analytics in Teradata **Helen Fowler and Tho Nguyen** 3:00-3:20			SA-12: Top Ten SAS® Performance Tuning Techniques **Kirk Paul Lafler** 3:00-3:50			3:00
3:30											3:30
4:00	Closing Session - Grand Central Ballroom A, B, C 4:00-5:00 PM										4:00

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