<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>Kensington D</td>
<td>Application Development: flat pack data: converting and zipping SAS data for delivery</td>
</tr>
<tr>
<td>9:00</td>
<td>Eton</td>
<td>Building Blocks: oxford</td>
</tr>
<tr>
<td>10:00</td>
<td>Windsor C</td>
<td>Hands On Workshops: Somerset</td>
</tr>
<tr>
<td>11:00</td>
<td>Pembroke</td>
<td>Pharma &amp; Healthcare: Windsor C</td>
</tr>
<tr>
<td>12:00</td>
<td>Pembroke</td>
<td>Reporting &amp; Information Visualization: Pembroke</td>
</tr>
<tr>
<td>1:00</td>
<td>Pembroke</td>
<td>Statistics and Data Analysis: Windsor B</td>
</tr>
<tr>
<td>2:00</td>
<td>Pembroke</td>
<td>Statistics and Data Analysis: Windsor B</td>
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<tr>
<td>3:00</td>
<td>Pembroke</td>
<td>Statistics and Data Analysis: Windsor B</td>
</tr>
<tr>
<td>4:00</td>
<td>Pembroke</td>
<td>Statistics and Data Analysis: Windsor B</td>
</tr>
<tr>
<td>6:00</td>
<td>Kensington D-E-F</td>
<td>Super Demo Theater: Kensington D-E-F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Additional Monday Morning Schedule: registration &amp; information 7:00-Noon</td>
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<tr>
<td></td>
<td></td>
<td>Additional Monday Morning Schedule: complimentary breakfast 7:00-9:00 am</td>
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<td></td>
<td></td>
<td>Additional Monday Morning Schedule: SAS Demo Area 9:00-Noon</td>
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<td>Additional Monday Morning Schedule: SESUG Collaboration Area 9:00-Noon</td>
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<tr>
<td></td>
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<td>Additional Monday Morning Schedule: posters 9:00-Noon</td>
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<tr>
<td></td>
<td></td>
<td>Additional Monday Morning Schedule: break 10:00-11:30 am</td>
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<td></td>
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<td>Additional Monday Morning Schedule: lunch Noon</td>
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<tr>
<td></td>
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<td>Additional Monday Morning Schedule: lunch Noon</td>
</tr>
</tbody>
</table>

* Map of conference center on inside back cover of program

Additional Monday Morning Schedule

- **Registration & Information** Pre-Function Area 7:00-Noon
- **Complimentary Breakfast** Coastal Grill 7:00-9:00 am
- **SAS Demo Area** Kensington D-E-F 9:00-Noon
- **SESUG Collaboration Area** Kensington D-E-F 9:00-Noon
- **Posters** Kensington D-E-F 9:00-Noon
- **Break** Cambridge Hall 10:00-11:30 am
- **Lunch** Kensington A-B-C-G Noon

*for registered hotel guests
<table>
<thead>
<tr>
<th>Time</th>
<th>Kensington A-B-C-G</th>
<th>Kensington D-E-F</th>
<th>Kensington D-E-F</th>
<th>Kensington D-E-F</th>
<th>Kensington D-E-F</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30</td>
<td>Lunch</td>
<td>Overview of Analysis of Covariance (ANCOVA) Using GLM in SAS</td>
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</tr>
<tr>
<td>2:00</td>
<td>Registration</td>
<td>Connect with SAS Professionals Around the World with LinkedIn and sasCommunity.org</td>
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</tr>
<tr>
<td>2:30</td>
<td>Pre-Function Area</td>
<td>To Foam or not to Foam: A Survival Analysis of the Foam Head that Forms when a Soda is Poured</td>
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<tr>
<td>3:00</td>
<td></td>
<td>Build your Metadata with PROC CONTENTS and ODS OUTPUT</td>
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<td>Build your Metadata with PROC CONTENTS and ODS OUTPUT</td>
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<tr>
<td>3:30</td>
<td></td>
<td>Trash to Treasures: Salvaging Variables of Extremely Low Coverage for Modeling</td>
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</tr>
<tr>
<td>4:00</td>
<td></td>
<td>PROC MEANS for Disaggregating Statistics in SAS: One Input Data Set and One Output Data Set with Everything You Need</td>
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</tr>
<tr>
<td>5:00</td>
<td></td>
<td>Monday Afternoon Dinner &amp; Activities Palmettos Pavilion</td>
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<td>Monday Afternoon Dinner &amp; Activities Palmettos Pavilion</td>
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**Application Development**

**Eton**
- Using SAS software to shrink the Data used in Apache Flex Application
- Al-Attar AD-44

**Building Blocks**

**Oxford**
- Combining Multiple Date-Ranged Historical Data Sets with Dissimilar Date Ranges into .... Moon BB-66
- The Power of PROC APPEND Logothetih BB-33
- PROC SQL for PROC SUMMARY Stalwars Williams BB-69
- Move over MERGE, SQL and SORT. There is a faster game in town! #Hash Table Price BB-121

**Coders Corner**

**Windsor A**
- 2:40-2:50 Debugging SAS code in a macro Gilsen CC-19
- 3:00:3:10 Robust VIF Regression: A Zhang CC-20
- 3:20-3:30 How to Build a Data Dictionary In One Easy Lesson Schlegemilch CC-32
- 3:40:3:50 Hands Free: Automating Variable Name Re-Naming..... Cohen CC-51

**Hands On Workshops**

**Somerset**
- Store and Recall Macros with SAS Macro Libraries Myers HOW-71
- SAS Enterprise Guide for Institutional Research and Other Data Scientists McCann HOW-82

**Pharma & Healthcare**

**Windsor C**
- SDTM What? ADaM Who? A Programmer’s Introduction to CDISC DePuy PH-90
- Evaluating and Mapping Stroke Hospitalization Costs in Florida Roberson PH-108
- Time Series Mapping with SAS: Visualizing Geographic Change over Time in the Health ... Okerson PH-22
- You’ve used FREQ, but have you used SURVEYFREQ? Baker PH-86

**Planning and Administration**

**Winchester**
- A Review of "Free" Massive Open Online Content (MOOC) for SAS Learners Lafler PA-54
- Stretching Data Training Methods: A Case Study in Expanding SDTM Skills Addy PA-48
- Calculating the Most Expensive Printing Jobs Goodwin, PMP PA-51
- Case Studies in Preparing Hadoop Big Data for Analytics Liming PA-143
- Managing and Measuring the Value of Big Data and Analytics Focused Projects Phelps PA-31

**Statistics and Data Analysis**

**Windsor B**
- ANOVA, HDV: A SAS Macro for Testing Homogeneity of Variance in One-Factor ANOVA... s Nguyen SD-81
- Don’t be binary! Tales of Non-binary Categorical Regression Baker SD-87
- Impact of Q-matrix Misspecification on Cognitive Attribute Estimation .... Chen SD-130
- How does Q-matrix Misspecification Affect the Linear Logistic Test .... MacDonald SD-99
- Modeling Cognitive Processes or Learning with SAS Procedures Li SD-83

**Super Demo Theater**

**Kensington D-E-F**
- SAS Virtual Applications Danny Hannick
- Using PROC GLMPOWER to Compute Power and Sample Size... John Castellae

**Additional Monday Afternoon & Evening Schedule**

- Lunch
- Registration
- SAS Demo Area
- SESUG Collaboration Area
- Code Doctors
- Posters “Meet the Authors”
- Break
- Monday Evening Dinner & Activities Palmettos Pavilion

**Monday & Tuesday**

- Overview of Analysis of Covariance (ANCOVA) Using GLM in SAS
- Using GLM in SAS
- overview of Analysis of Covariance (ANCOVA) Using GLM in SAS
- To Foam or not to Foam: A Survival Analysis of the Foam Head that Forms when a Soda is Poured
- PROC MEANS for Disaggregating Statistics in SAS: One Input Data Set and One Output Data Set with Everything You Need
- Design of Experiments (DOE) USING PROC NL MIXED
- Using Regression Model to Predict Earthquake Magnitude and Ground Acceleration at South Carolina Coastal Plain (SCCP)
- PROC CONTENTS
- Build your Metadata with PROC CONTENTS and ODS OUTPUT
- Trash to Treasures: Salvaging Variables of Extremely Low Coverage for Modeling
- PROC MEANS for Disaggregating Statistics in SAS: One Input Data Set and One Output Data Set with Everything You Need
- Design of Experiments (DOE) Using JMP®

**PROC RANK, PROC SUMMARY and FORMAT Team Up and...! Williams AD-73**