

The Boston Area SAS[®] Users Group

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"Winter Stew: A Tasty Blend of V8, ODS, and Brain Teasers!"

What: Next BASUG Meeting

When: Thursday, March 2, 2000, 8:30 AM to 12:30 PM

Where: [Biogen, Inc.](#), 12 Cambridge Center, Cambridge MA
([directions](#))

RSVPs: Required. Please send an e-mail to: Tim_Muir@biogen.com

Agenda:

- 8:30 - Coffee and registration
- 9:00 - "What's New in Version 8 of the SAS System?"
- 10:00 - "Making Friends with ODS and PROC TEMPLATE"
- 11:00 - "Puzzlers"

Contact: Elizabeth Axelrod, (617) 349-2458,
elizabeth_axelrod@abtassoc.com

9:00 to 10:00 AM - "What's New in Version 8 of the SAS System?" by Paul Grant

This presentation will demonstrate some of the exciting new features in Version 8 of the SAS System. We'll start by looking at the enhanced SAS Workspace including the SAS Explorer, the Results window, the Enhanced Editor. Along the way, we'll talk about many of the key enhancements to the SAS DATA step and BASE SAS Procedures. The goal of this presentation is to help you get up and running with the powerful new features of the SAS System as soon as your Version 8 CD arrives.

10:00 to 11:00 AM - "Making Friends with ODS and PROC TEMPLATE" by William Simpson

The Output Delivery System (ODS), including a much expanded and modified version of PROC TEMPLATE, is a new feature of SAS versions 7 and 8. Using ODS and the version 7/8 PROC TEMPLATE, users have much greater control over formatting and display of output than in version 6. Among the new features: anything that appears on printed output can be routed to a SAS data set; output can be sent to HTML and other destinations as well as the listing file; and procedure output can be customized in many ways.

However, learning to use ODS features can be a bit tricky -- the PROC TEMPLATE documentation was not ready in time for inclusion in release 7, and there are only a few "how to" papers available on using ODS. This paper provides step-by-step examples for using ODS, including PROC TEMPLATE, to customize procedure output. Examples include: reducing the amount of output by excluding unneeded information; changing the number of significant digits in printed results; using various techniques to emphasize certain numbers in the output; and saving results to output data sets. The talk is designed for users with no prior experience with ODS, and may also be useful to those who have used ODS but would like to learn more.

11:00 AM to 12:00 Noon - "[Puzzlers](#)" by Bob Virgile

This presentation presents solutions to 12 brain teasers, developed by Bob Virgile for previous NESUG and SUGI problem-solving contests. For this users group meeting, particular questions were selected for a variety of reasons. All questions involve knowledge of the DATA step. None of them appeared in Bob's book of puzzles (An Array of Challenges: Test Your SAS Skills, published by SAS Institute). Some are instructional. Some work together, presenting a similar theme from a different point of view. Some are clever. All of them should be good clean fun!

For the best learning experience and the most fun, try to solve the problems before the meeting. [Bob's puzzlers are listed here.](#)

Paul Grant is a Systems Engineer at SAS Institute's Boston regional office. He has been active in SAS user groups for many years. He originated the Coders' Corner, Sunday Workshops and Random Access Lunch sections at SUGI and NESUG. He chaired the SUGI 21 conference in Chicago, 1996, co-chaired the NESUG '94 in Philadelphia, 1994, and served as chairperson for the Boston Area SAS Users Group from 1997 - 1999. Paul has been using SAS software in a variety of industries since 1981.

William Simpson is a Senior Statistician/Analyst at the Faculty Research Computing Center of Harvard Business School, where he provides statistical consultation and programming for a wide variety of research projects. He also works as an independent statistical consultant, and has been a SAS programmer and consultant for 13 years. He has been using version 7 for less than a year, and is making new friends among the ODS folks at SAS tech support.

Bob Virgile is a SAS veteran, having participated in every NESUG and many SUGI, MWSUG, PharmaSUG, and SESUG conferences. Besides presenting papers, Bob creates the problem-solving contests for SUGI and NESUG, and has published two books through SAS Institute. Bob also has developed and taught SAS courses since 1983.

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"Quarterly BASUG Meeting"

What: Next BASUG Meeting

When: Friday, May 19, 2000, 8:30 AM to 12:30 PM

Where: Harvard School of Public Health, 677 Huntington Ave., Boston
([directions and map](#))

RSVP: Sorry, the meeting is now full!

(The meeting will be held in room G1, which is on the lower level of the Kresge Building, Building 3.)

9:00AM: "Tutorial on Logistic Regression" by Maura Stokes, SAS Institute

Logistic regression has become one of the basic modeling tools for a statistician or data analyst. With the addition of the CLASS statement in the LOGISTIC procedure, it becomes much easier to perform logistic regression in the SAS System. This tutorial focuses on the basic methodology behind logistic regression and discusses parameterization, testing goodness of fit, and model-building procedures. The tutorial focuses on the dichotomous response, but some direction for handling the ordinal response will also be provided.

10:15AM: "What a Statistician Needs to Know About Version 8" by Maura Stokes, SAS Institute

Version 8 of SAS/STAT software provides you with many new tools in the areas of nonparametric regression, survey data analysis, and nonlinear mixed models. In addition, features such as the CLASS statement in PROC LOGISTIC and comprehensive GEE facilities in the GENMOD procedure provide key enhancements to existing statistical software. Upcoming capabilities in Release 8.1 include exact logistic regression and experimental procedures for multiple imputation for missing data and generalized additive models. And ODS revolutionizes the presentation and organization of your results. If you don't know where to dive in, this talk gives you a springboard to the new developments in the statistical software.

Maura Stokes received her DrPH from the Department of Biostatistics at the University of North Carolina, Chapel Hill, in 1986 and is currently an adjunct associate professor in the department. She has worked at SAS Institute for fifteen years and is SAS/STAT Product Manager in the Applications Division. She is co-author of the book

Categorical Data Analysis Using the SAS System and her research and teaching interests lie in the categorical area.

11:30AM: "SAS/Analyst - a Demonstration" by Steve Freitas, e-Services Corp.

The SAS/Analyst application is a Windows application using features of SAS/STAT, Base SAS, and SAS/GRAPH. It allows the user to derive conclusions from data using statistical and graphical procedures without having to write any SAS code. The purpose of the demonstration will be to cover some of the features. Areas covered will be basic statistical techniques along with the use of regression and other multivariate statistical tools.

Steve Freitas is a Senior Developer at e-Services Corporation, which is part of the MIB Group, Inc. He is currently responsible for the model development and statistical analysis of medical impairment information. Prior to joining the MIB group, Steve worked in support of the development of medical services, polymer chemical products, protective equipment for the US soldier, and as a public health statistician. He holds a Masters Degree in Biostatistics from the Univ. of Pittsburgh Graduate School of Public Health.

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BASUG, the Boston Area SAS® Users Group, presents**"Understanding the SAS® Output Delivery System" by S. David Riba****Monday, June 12, 2000, 8:30 AM to 4:00 PM****The Ramada Inn, Middlesex Canal Park Road, Woburn MA**

Registration and admission: BASUG is offering to its members a one-time-only class on ODS, one of the most popular features in SAS Version 8, for \$90. The instructor's course notes are included in the price. Seating will be limited! Complete and mail [the registration form](#) below as soon as you can. Payment must be enclosed to reserve a seat. If you or your company have not yet paid dues to BASUG for 2000, you may do so on the same form.

Course background: Beginning with Version 7 of SAS software, all procedures use the Output Delivery System (ODS) to manage their output. New features provided by ODS include automatic rendering of procedure output in HTML for the Web, rich-text, Postscript or PCL format, output datasets from any printed output, and ability to edit the look and feel of most reports.

This one-day course is an intensive look at ODS and how to use it to solve your report formatting problems.

Course objectives: Upon completion of the course, attendees should have an understanding of ODS and how to use the Output Delivery System to control the formatting and destination of their SAS output. They should also have an understanding of advanced ODS topics, including Templates and Style Sheets.

The course will cover the following subject areas:

- 1. Introduction to ODS
- 2. ODS Syntax
- 3. Customizing Report and PROC TABULATE output
- 4. Customizing Graph output
- 5. Defining and Using ODS Templates
- 6. Defining and Using ODS Style Sheets
- 7. Generating HTML, PDF, and RTF output
- 8. Advanced ODS Topics

The Instructor: S. David Riba is CEO of JADE Tech, Inc., a SAS Institute Quality Partner specializing entirely in applications development, consulting and training in the SAS System. He has presented papers and assisted in various capacities at SUGI, SESUG, NESUG, MWSUG, SCSUG, and PharmaSUG. Dave conducted the "Connecting with Your Data" SAS ODBC class for BASUG in 1996. We are fortunate to have him return again to Boston to teach our new class.

His major areas of interest are efficient programming techniques and applications development using the SAS System. His SAS software product specialties are SAS/AF and FRAME technology, SAS/EIS, SAS/IntrNet, AppDev Studio, CFO/Vision, and the SAS Collaborative Server. Dave is a SAS Certified Professional.

Dave is currently the Co-Chair of SSU 2001, the combined SouthEast and SouthCentral SAS Users Group conference to be held in New Orleans in August, 2001.

Prerequisites: This course is intended for all SAS users, whether they are beginners or advanced users of SAS software. It assumes an understanding of SAS programming, however, no knowledge of ODS is required.

Note: Continental breakfast will be available at 8:15. There will be mid-morning and mid-afternoon beverage breaks. Lunch is not included.

Directions (and a map) : The Ramada Inn is at the interchange of routes 128 and 38. From I-93, take route 128/I-95 south for two exits to route 38. Go south on 38. The first road on the right immediately after leaving the 128 cloverleaf is Middlesex Canal Park Road.

Registration Form for the BASUG June 12, 2000 SAS ODS Class

1. "Understanding the SAS(r) Output Delivery System Class" Registration Fee - \$ 90.00	
2. BASUG Individual (\$16) or Corporate (\$60) Dues for 2000	- - - - -
3. Total Enclosed	- - - - -

From:

Daytime Phone: _____

4/5/2010