BASUG MEETING ANNOUNCEMENT

Wednesday, January 8, 1992 from 8:30 - 12:00 AM
W. R. Grace, Inc.
55 Hayden Avenue
Lexington, MA 02173

Directions

W. R. Grace is located in Lexington off Route 2 about 1/4 mile east of Route 128. Traveling West, exit Waltham/Spring Street, or exit Spring Street if traveling toward Boston (Exit 29A). Upon exiting Route 2, first turn is Hayden Avenue. W. R. Grace is located at 55 Hayden St. Enter main door and follow signs to the meeting room. Further Directions: Steve Freitas (617) 861-6600.

Meeting Information: Contact Peter Gaccione (617) 432-2827 or Jim Efird (617) 576-2226. Coffee and pastry will be available at 8:30; the meeting begins at 9:00. BASUG membership is $16 per year. Admission is free to first time guests.

Presentations

1) Rhena Seidman will give a talk entitled "All About Strings", in which she will cover several of the unique features and less known aspects present in the SAS System for handling character string manipulations, and techniques for avoiding difficult to detect errors.

2) Rick Astra will present "A Survey of SAS User Interfaces". This is an introductory to mid-range talk particularly useful to the applied SAS programmer needing a broad based knowledge of the various interfacing capabilies found in the SAS System.

Rhena and Rick, co-authors of a recently released text on sas, are stopping in Boston as special guests of BASUG. Both work as consultants to top-10 corporations throughout the Northeast, and are currently based out of New York City.

3) Hal German will talk about alternative problem solving techniques for resolving SAS run errors. His talk will focus upon various cognitve paradigms enabling the user to concentrate and deploy appropiate solutions under resource and time limitations (i.e. computer intensive environments bounded by managerial constraints and rapidly changing priorities).

Hal is recepient of the 1991 Programmer of the Year Award, founder of NESUG and former BASUG Chairmain. He is currently employed as a systems specialist at GTE Laboratories in Waltham.

1) Future Events

Feb. 12 SAS Institute will be coming up from North Carolina to talk about recently developed Quality Control and Experimental Design features of JMP Software. Also, Erica Wetzel from Eastman-Kodak Gel will be giving a talk on the subject of Industrial Quality Control. Santi B. Lahiri, President of SBL International, will talk about Quality Management and Ways to Improve Corporate Decision-Making. Other speakers T.B.A. Site: John Hancock Conference Center. Information- Contact Mike Murpy, (617) 572-6533

Mar. 11 Symposium on SAS Networking and Graphics.

Boston Area SAS Users Group (BASUG), P O Box 253, Boston MA 02117
Chair: Jim Efird, Secretary: Shirely Traite, Treasurer: Peter Gaccione

The **Boston Area SAS® Users Group** presents a mini-symposium on:

Quality Management and System Control Using SAS Software

Wednesday, February 12, 1992, 8:30 AM - 3:30 PM

John Hancock Conference Center

Room 202, Trinity Place, Boston MA

Presentations:

Keynote Address: New Paradigms in Methodology Designs for System Control in Corporate Decision-Making

by Aviva Lev-Ari, Ph.D., President of MultiDimensional Strategic Systems Inc, Newton MA

The keynote will introduce topics related to: decision analysis and decision theory, multidimensional scaling and expert opinion methodology, as well as formalizing the TQM (total quality management) and new modelling approaches.

An Introduction to Experimental Design

by Dominique Haughton, Associate Professor, Department of Mathematical Sciences, Bentley College, Waltham MA, also Statistical Consultant at Epsilon Data Management, Burlington MA

Examples of Analytical Laboratory Test Improvement Based on the Use of Statistical Quality Control Techniques

by Erica Wetzel, CFD Unit Manager, Eastman Gel, Peabody MA

This discussion will describe the use of various SQC techniques to improve long-term measurement quality in gelatin physical test performance at Eastman's Analytical Laboratory, tracing the implementation of SQC techniques from early stages to more sophisticated approaches used today.

Experimental Design Using SAS/ADX

by Stephen Freitas, Senior Statistician, W. R. Grace and Company, Lexington MA

An Introduction to Taguchi Methods

by David Furman, Ph.D., Assistant Professor of Statistics, Babson College, Wellesley MA.

Dr. Furman will introduce Taguchi's philosophies on robust design, quality improvements, and loss functions, including examples on how these techniques may be applied.

A Balanced Approach to Quality, Productivity, and Cost: Case Studies from the High-Tech Service Industry

by Santi B. Lahiri, President of S B L International, Winchester MA

Modeling Effect Probabilities in Quality Control Applications

by Jim Efird, Statistician, Mass General / Harvard Medical School, Boston

Design and Analysis of Experiments Using JMP Design™ and JMP® Software

by Kristin Latour, Biostatistician, Pharmaceutical Product Development, Inc., Durham NC

Learn how to use JMP Design to construct factorial designs, central composite and Plackett-Burman designs, and non-standard D-optimal designs. Kris will demonstrate how JMP Design interfaces with JMP, allowing you to analyze experimental design data. (JMP is SAS Institute's statistical visualization software for the Mac environment. JMP 2.0 received MacWeek's 1991 target award as best analytical tool. JMP Design is a new product from the Institute.)

Admission:

Reservations are required. This meeting is open to 1992 dues-paying BASUG members only. An invoice is enclosed. Either mail BASUG a check or you may pay $16 at the door. To reserve a seat, call (617) 572-6533.

Coffee and pastry will be available from 8:30; sandwiches will be available at 1:00 PM. Presentations begin at 9:00.

JMP Design is a trademark and SAS and JMP are registered trademarks of SAS Institute Inc., Cary NC

BASUG MEETING ANNOUNCEMENT

Wednesday, March 11, 1992 from 8:30 - 12:00 AM
Lower Amphitheater - Old Clinics Bldg.
Massachesetts General Hospital
14 Fruit Street - Boston, MA

Directions:

By public transit, take Red Line to Charles St./MGH Exit. Walk toward downtown on Cambridge Street for about 0.3 kilometers. MGH is on the left. Use Main Entrance (White Bldg.) and take first two left turns. The Old Clinics Bldg. is near Police and Security. Driving, proceed toward Boston on Longfellow Bridge. Merge onto Cambridge Street and follow above directions. Pay parking garage located at entrance to MGH.

Meeting Information: Contact Peter Gaccione (617) 432-2827 or Jim Efird (617) 576-2226. Coffee and pastry will be available at 8:30; the meeting begins at 9:00. BASUG membership is $16 per year. Admission is free to first time guests.

Presentations:

1. Highlights of Release 6.07 (SAS Institute-AVS).
2. SAS/CALC Software (SAS Institute-AVS).
3. Panel Discussion on Programming Style and Organization - Moderator: Tom Marx
4. Employment Listings, Dues, and Other Business Matters - Peter Gaccione
5. Using SAS Graphics (SAS Institute-AVS).
5. Technical Session - Harvard Gardens

Future Meetings:

SUGI 17: April 12-15, Hilton Hawiian Village

Dues:

Please complete the attached dues form prior to April 1st to avoid being purged from our mailing list.

Boston Area SAS Users Group:

Chairman: J. Efird Treasurer: Peter Gaccione Secretary: Shirley Traite

BASUG MEETING ANNOUNCEMENT

Wednesday, May 13, 1992 from 8:30 - 11:30 AM
Executive Conference Room
Harvard Inn
1201 Massachusetts Avenue
Cambridge, MA

Directions:

Via the MBTA take Red-Line to Harvard Square exit. By car take Mass. Ave. to Harvard Square. The Harvard Inn is located at the conner of Mass. Ave. and Quincy Street. Hotel parking is available, as are several commerial lots within the square.

Meeting Information: Contact Peter Gaccione (617) 432-2827 or Shirely Traite (617) 647-2812. Coffee and pastry will be available at 8:30; the meeting begins at 9:00. BASUG membership is $16 per year. Admission is free to first time guests. Seating is limited, so please call to reserve a place.

Presentations:

System Automation using SAS FSP, Screen Control Language and Macro Utilities.

J. T. Efird, Statistician
MGH/Harvard Medical School

A Review of Current State of Statistical Applications in the Soviet Union.

George Zeliger, Senior Technical Staff Member
Laboratory of Applied Mathematics and Computers
National Research Institute of Refractories, Leningrad, USSR

Future Meetings:

June 10	Randy Betancourt & Colleen Jenkins, SAS Institute. F. Borglum, ADL.
June 18	Midrange Solutions Seminar, Co-sponsored by BASUG.
Aug 12	Hal German, GTE Labs. Also, Consultants Panel Discussion.
Sept 9	Sopie Lo, PHCS. Marge Serbo, Univ. of Maryland, Baltimore.

Boston Area SAS Users Group:

Chairman: J. Efird Treasurer: Peter Gaccione Secretary: Shirley Traite

BASUG MEETING ANNOUNCEMENT

Wednesday, June 10, 1992 from 8:30 - 12:00 AM
Massachussetts Institute of Technology
Building 4, Room 270
Cambridge, MA

Directions:

Via the MBTA take Red-Line to MIT/Kendall Square station. By car take Mass. Ave. or Memorial Drive to MIT campus.

Meeting Information: Contact Peter Gaccione (617) 432-2827 or Shirley Traite (617) 432-0073. Coffee and pastry will be available at 8:30; the meeting begins at 9:00. BASUG membership is $16 per year. First time guests free.

Presentations:

Randy Betancourt & Colleen Jenkins - SAS Institute

8:30 - 9:30 6.07 Highlights of the SAS System (Data Access, Data Management, Performance Improvements, MVA, Applications, User Interfaces)

9:45 - 10:30 On-line demo of SAS/English, SAS/CALC, and SAS/LAB Software

10:30 - 11:15 Cooperative Processing Strategies (OS/2, Windows)

11:15 - 11:30 Questions/Answers

F. A. Borglum, Arthur D. Little

11:30 - 12:00 The Determination of Causal Factors related to Fatigue Life and Multiple Site Damage in Aircraft Structures.

Future Meetings:

June 18 Midrange Solutions Seminar, Co-sponsored by BASUG (see insert).

Aug 12 Hal German, GTE Labs. Melissa Durfee, Wyman-Gordon Comany. Also, Consultants Panel Discussion.

Sept 9 Sopie Lo, PHCS. Marge Serbo, Univ. of Maryland, Baltimore.

Boston Area SAS Users Group:

Chairman:	J. Efird	MGH/Harvard Medical School	(617) 576-2226
Treasurer:	P. Gaccione	Harvard Univ.	(617) 432-2827
Secretary:	Shirley Traite	Harvard Univ.	(617) 432-0073

BASUG MEETING ANNOUNCEMENT

Wednesday, September 9, 1992 from 8:30 - 12:00 AM
Harvard Medical School
Countway Library, 5th floor, Minot Room
Huntington Ave, Boston, MA

Directions

By car: From the West, use the Mass Pike to Exit 22 (Copley Square), following Huntington Avenue out to Longwood. Turn on Longwood to Children's Inn Parking. From the North, take the Expressway (I-93) to Storrow Drive, Copley exit, right on Beacon St., left on Mass Ave, right on Huntington. From the South, take the Expressway to Chinatown/Downtown exit, left on Kneeland St, west on St. James, angle left at Copley Sq. By public transit: Take an E-line train and get off at Brigham's Circle.

Reservation Requested: Leave Msg for Peter Gaccione (617) 432-2827 or Jim Efird (617) 576-2226. Coffee and pastry will be available at 8:30; the meeting begins at 9:00. BASUG membership is $16 per year. Admission is free to first time guests.

Presentations

1) SAS User News - SUGI 17 Highlights

This video reviews the 2.5 day SUGI conference held in Hawaii this year, including a look at the SUGI demo area and the popular Programmer's Corner Help Desk.

2) Nitin R. Patel "Exact Methods for Contingency Tables and Logistic Regression"

Dr. Patel is a visiting Professor at Harvard University Graduate School of Public Health. He will talk about how to import data from SAS into StatXact and LogXact to generate exact statistics for various log-linear models. Dr. Patel is an internationally recognized expert on network algorithms. The Fisher's Exact Test in SAS is programmed using his algorithm.

3) Sophie Lo "Macro's & Beyond"

Sophie is a Senior Systems Analyst at Private Health Care Systems. She will review Macro applications and programming tips useful in dealing with large health care data sets.

Future Events

Oct. 4-6 NorthEast SAS Users Group Conference in Baltimore, Maryland. Registration information and schedule - Marge Serbo (410) 328-2495, Craig Dickstein (603) 224-9511 x2491

Boston Area SAS Users Group:

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Treasurer:	P. Gaccione	Harvard Univ.	(617) 432-[illegible]
Secretary:	Shirley Traite	Harvard Univ.	(617) 432-[illegible]

BASUG MEETING ANNOUNCEMENT

Thursday November 12, 1992 from 8:30 - 12:00 AM

Eastman Gelatine Corporation/Kodak
EGC Recreation Building
Peabody, MA

Meeting Information: Contact Erica Wetzel (508) 531-1700 x201. Coffee and pastry will be available at 8:30; the meeting begins at 9:00. BASUG membership is $16 per year. Admission is free to first time guests. Please see map on next page for direction.

GRAPHICAL EVALUATION OF PRODUCT CHARACTERISTICS

Melissa A. Durfee
Wymam-Gordon Company

Utilizing SAS/Graph, many aspects of product charactistics may be displayed and analyzed. The relationships between variables may be examined through regression, contour, and 3-D response surface plots. In designed experiments, potentially significant factors may be identified using Bayes posterior plot of effect estimates or a main effects plot on the appropriate signal-to-noise ratio. In addition, the nature of product variation may be assessed using multi-vari (multivariate) plots. By interfacing SAS/GRAPH with SAS/QC procedures, process stability and capability may be evaluated. These graphical applications facilitate and simplify the use of statistics in industry.

Melissa Durfee has a B.S. in Applied Mathematics from Brown University and a M.S. in Applied Mathematics from Worcester Polytechnic Institute (W.P.I.). She is pursuing a Ph.D. in Manufacturing Engineering at W.P.I. and is employed at Wyman-Gordon Company as a Senior SPC Analyst.

SIMPLIFYING REPORT GENERATION USING DATA STEP REPORTING

Prabhakar Jain, Wyman-Gordon Company

At Wyman-Gordon Company, the SAS system is used to produce a variety of reports. Generally, large amounts of information are summarized into an easily understood report format. Since management response is frequently spurred by these reports, they become an effective tool for conveying information. However, as a result of this response, the need for information to be presented in an expanded format- beyond what may be possible with a single SAS procedure - may arise. Using data step reporting, this need may be accommodated efficiently. To augment current information, SAS functions such as REPEAT and INTCK are utilized within the data step to generate a single report. This approach has two advantages. First, the use of PROC PRINT and PROC CHART, which creates two separate reports, is avoided. Second, more control over final report appearance is obtained. An explanation of the code as well as examples of data step reporting is presented.

Prabhakar Jain is a statistical process (SPC) analyst at Wyman-Gordon Company in North Grafton, MA where he has worked for 13 years. A SAS user since 1987, he primarily works in the areas of manipulating large datasets and building data entry and reporting systems. In addition, he teaches regular classes at Wyman-Gordon on SPC in manufacturing. He has a B.S. in Math from Delhi University, India.

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BASUG MEETING ANNOUNCEMENT

Wed. December 9, 1992 from 9:00 - 12:00 AM
Cox-2 Conference Room
Mass General Hospital, Boston, MA 02114

Meeting Information: Peter Gaccione (617) 432-2827. Coffee and pastry will be available at 9:00 A.M.; the meeting begins at 9:15 A.M.. BASUG membership is $16 per year. Admission is free to first time guests.

Tutorial: Handling Dates in SAS

Alan Dickson
L.L. Bean, Inc.

Alan will be talking about the various functions available in the SAS language for dealing with date operations. This is a beginning to mid-level tutorial.

Formerly at Paul Revere Insurance, Alan is currently consulting at L.L. Bean Company in Maine. He is past chairman of NESUG and is an active member in other local and national SAS User Group events.

Getting Started with SAS/CALC Spreadsheet Applications

Video-Based Training Tutorial - VTU111

After completing this tutorial, you should be able to create a spreadsheet, rename columns and rows, add new columns and rows to a spreadsheet, enter values directly into the spreadsheet cells, delete columns and rows from a spreadsheet, define formulas to compute cell values, copy a formula from one cell to another, copy a formula from one cell to multiple cells, produce default and custom reports, and produce a pie chart that represents the values in a spreadsheet. There is no prerequisites for this tutorial, however, you should have some understanding of the concepts of SAS data libraries and catalogs.

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