

A Note from the Conference Chairs

We invite you to attend a unique and exciting educational experience - the **14th annual SouthEast SAS Users Group Conference**, to be held **October 8-10, 2006** at the **Sheraton Atlanta Hotel in Atlanta, GA**.

This conference is designed to help you enhance the skills you need to expand your knowledge of SAS. The presentations will include everything from introductory tutorials to advanced applications that demonstrate the nuts and bolts of how things really work under the covers. If you are serious about SAS, this is the opportunity to advance your knowledge!

Previous SESUG conferences have brought together a diverse group of attendees including academia, financial services, telecommunications, retail, manufacturing, and government. You will find presentations representing each of these focus areas.

The format of the conference remains similar to previous years, with multiple concurrent sessions offering over 100 presentations. Special learning opportunities include discounted public training at the Atlanta SAS office before and after the conference, Sunday's Weekend Workshops, Hands On Workshops and – for the first time this year – the demo room will feature self-paced

e-learning from the SAS Institute.

The SAS Demo Room once again features the latest and greatest in SAS software. It's a great place to meet SAS staff – including Research and Development (R&D), Education and Tech Support. In addition, SAS staff will be providing some of the conference presentations, including some that demonstrate the latest developments at SAS.

You will have multiple opportunities to network and meet with other SAS users during breaks, between sessions, at the Sunday and Monday evening mixers, and at the Closing Luncheon on Tuesday.

We urge you to contact us if you have any questions about the conference and we look forward to seeing you in Atlanta at SESUG 2006!



Debbie Skinner
Operations Chair
OperationChair2006@sesug.org

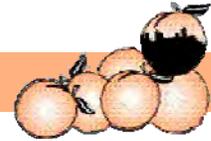



Marje Fecht
Academic Chair
AcademicChair2006@sesug.org



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Reasons to come to SESUG!

Are you new to SESUG? Then you're in for a real treat as SESUG presents its 14th annual conference at the newly-renovated Sheraton Atlanta Hotel in downtown Atlanta.

If you've attended a SESUG conference before, you already know that SESUG conferences include lots of top-notch presentations and many opportunities to network with other SAS users, along with SAS developers and staff.

The Top Ten reasons to attend the 2006 conference in Atlanta:

10. Learn something new! Over 100 hours of top-notch presentations by the most knowledgeable SAS users. Key takeaways for all levels of SAS users from beginning to highly experienced. With an emphasis on practical application, you will go home with ideas that you can apply immediately.

9. Experience what's hot! The Demo Room showcases the latest and greatest in SAS software. This year's Demo Room features the latest in SAS's highly rated Business Intelligence (BI) offerings.



8. Network! Share your SAS experience with other attendees during breaks, mixers and presentations.

7. Get hands-on experience! Attend free hands-on workshops by recognized SAS experts, including SAS staff.

6. Visit a great conference city! Atlanta is easily accessible by plane or by car from all points in the southeast and the nation. See all that Atlanta has to offer. Information about the city is available on **page 23** of this book and on the web at www.atlanta.net.

5. Enjoy southern hospitality! The newly renovated Sheraton Atlanta hotel features the "Sweet Sleeper" beds and world-class amenities. Book your room early to take advantage of the conference rate – rooms are going fast. More information about the hotel and reservations available on **page 24** of this booklet.

4. Food! SESUG provides continental breakfast, and morning and afternoon beverage breaks during the conference. Mixers will be held on Sunday and Monday evenings and Tuesday will include a lunch with an outstanding keynote speaker.

3. Enhance your conference experience as a volunteer! Work at the registration desk or assist as a session coordinator to network with other attendees – plus your badge will be adorned with one of those nifty volunteer ribbons. Refer to **page 22** of this book for more information.

2. Attend in-depth training! Low-cost Sunday workshops provide an additional opportunity to enhance your knowledge. Information about the workshops and the distinguished presenters starts on **page 3** of this book.



AND – the **#1** reason to attend SESUG –

Great value! SESUG provides tremendous value. When you add up the total package of education and networking opportunities, the SESUG 2006 conference is a great buy. Register early to get the best registration rate!

Preliminary Conference Schedule

Sunday, October 8th, 2006

8:00 am—12:00 noon	Weekend Workshops (extra fee event)
1:00 pm—5:00 pm	Weekend Workshops (extra fee event)
12:30 pm – 5:30 pm	Conference Registration
4:30 pm – 5:30 pm	Getting the Most Out of <i>Your</i> SESUG Conference
6:30 pm – 7:30 pm	Opening Session and Keynote Address
7:30 pm – 10:00 pm	Welcome Reception

Monday, October 9th, 2006

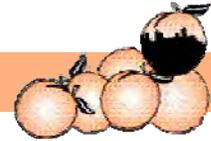
7:00 am—8:00 am	Continental Breakfast
7:00 am—5:00 pm	Conference Registration
7:30 am—12:00 noon	Hands-On Workshops
8:00 am—12:00 noon	Concurrent Academic Sessions
9:00 am—12:00 noon	SAS Demo Room
12:00 noon—1:30 pm	Lunch
1:30 pm—5:30 pm	Concurrent Academic Sessions and Hands-On Workshops
3:30 pm—8:00 pm	SAS Demo Room
5:30 pm—8:00 pm	SAS Customer Appreciation Reception



The indoor pool and spa area at the Sheraton Atlanta — complete with full workout center!

Tuesday, October 25th, 2006

7:00 am—8:00 am	Continental Breakfast
7:30 am—12:00 noon	Conference Registration
7:30 am—12:00 noon	Hands-On Workshops
8:00 am—12:00 noon	Concurrent Academic Sessions
9:00 am—12:00 noon	SAS Demo Room
12:00 noon—1:30 pm	Closing Session Lunch with Featured Speaker



WEEKEND WORKSHOPS

Section Chairs— Joy Smith and Sandy Donaghy

Adding one or two weekend workshops to your SESUG conference will enhance your experience by giving you the opportunity to receive in-depth instruction from well-known SAS experts. Workshops are a combination of lecture, demos and discussion.

Tuition, which includes a copy of the workshop materials and refreshments, is only \$99 per workshop for those registering through Sept. 9th. Later registrations will pay the on-site rate of \$124. In addition, the discounted lodging rate at the conference hotel is available on Saturday night, if you need to arrive early in Atlanta to attend the workshops.

SESUG and the instructors will hold all workshops with one or more pre-registered attendees unless there is an unexpected event preventing the instructor from attending the conference. On-site registration is available as space permits and on-site registrants might not receive the workshop materials.

The table below lists the workshops. Complete descriptions and instructor profiles are available on **pages 4-8**.

You can register for these workshops

when you register for SESUG '06. You may register online, via fax, or through mail-in registration, as discussed on **page 26**.

Attendees at the workshops who do not also register for SESUG '06 are charged an additional \$25 per person administrative fee.

The workshops will start promptly at 8:00 am and 1:00 pm. Continental breakfast will be served at 7:30 am before the morning workshops. Both morning and afternoon workshops will have a refreshment break midway through the workshop. Lunch is on your own.

If a training workshop is cancelled, we will notify you as soon as possible and you will be invited to transfer your registration to another workshop. Alternatively, you may elect to receive a refund for the fee paid for that workshop. If a workshop is cancelled, the sole liability of SESUG and/or the instructors is a refund of fees paid for the cancelled workshop, and they are NOT liable for special or consequential damages arising from the cancellation.

Weekend Workshops—Sunday, Oct 8th, 2006

Time	Instructor	Subject
8:00 am—12:00 noon	Pat Cerrito	An Introduction to Enterprise Miner with Applications to Healthcare Data
8:00 am—12:00 noon	Kirk Paul Lafler	PROC SQL – Beyond the Basics
8:00 am—12:00 noon	Cynthia Zender	Counting the Ways to Excel
1:00 pm—5:00 pm	Ben Cochran	Introduction to Enterprise Guide
1:00 pm—5:00 pm	Russ Lavery	An Animated Guide: An Afternoon of SAS Macros
1:00 pm—5:00 pm	Chris Olinger	Advanced ODS

WEEKEND WORKSHOPS

Counting the Ways to Excel

Instructor: Cynthia Zender, SAS Institute

Sunday, October 8th, 8:00am-12:00 noon

This course is designed for users who want to understand all the different ways to get procedure output from BASE SAS into files that can be opened with Microsoft Excel. In addition to showing how ODS HTML output can be opened with Microsoft Excel, the creation of CSV files, Microsoft XML (Spreadsheet format) files and SYLK (Symbolic Link Format) files will be discussed. These methods will be compared to the use of the SAS Excel Libname engine for converting a SAS data set directly into Excel format.

Pre-requisite: Basic SAS and ODS concepts; HTML concepts useful, but not required.

Intended Audience: Beginning to Intermediate programmers who want to understand how to get SAS data sets and SAS procedure output into Excel using Base SAS techniques. (Topics such as ODBC, DDE, OLE-DB, will be discussed if time permits.)

Course Material: A copy of the slides in book form, with additional reference material and demo programs added.



Cynthia Zender has been with SAS since 1996 as an instructor and course developer. She currently serves as the Curriculum Manager for the Report Writing and Output Delivery System curriculum. She has over 20 years' experience programming and reporting with SAS in a number of different industries such as education, public utility, telecom, litigation support, and research support. Cynthia is a frequent speaker at SUGI and at regional user groups. She has recently co-authored the Business Intelligence Stored Process course.

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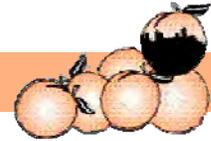
Why should you register?

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WEEKEND WORKSHOPS

An Introduction to Enterprise Miner with Applications to Healthcare Data

Instructor: Patricia B. Cerrito, University of Louisville

Sunday, October 8th, 8:00am-12:00 noon



Patricia B. Cerrito, PhD in the Department of Mathematics at the University of Louisville and Biostatistician at Jewish Hospital. As principal investigator, she has developed a number of applications of the data mining process to investigate databases scattered within a hospital system, primarily to investigate the relationship between physician practice and patient outcome in the absence of definite guidelines to govern practice. Recently, she has collected data needed to examine physician prescribing at one large urban hospital. The techniques used for this one hospital can be generalized as a series of models that can be implemented in any hospital environment. The series of models will be developed as a software macro. Dr. Cerrito has a book on data and text mining published by SAS Press.

Enterprise Miner is used to “know your customer”. It is possible to understand buying habits, the probability of switching to a new supplier, and the anticipated customer purchases. The data mining methods that are available in Enterprise Miner include text analysis, market basket analysis, predictive modeling, and cluster analysis. This workshop will demonstrate the basic tools of data mining available in SAS Enterprise Miner. Enterprise Miner was designed with a java interface, and programming is performed in Enterprise Miner by connecting icons. Enterprise Miner uses a SEMMA (sample, explore, modify, model, analyze) design structure to build models. This workshop is for those who have a basic knowledge of SAS and who want to learn about the potential that Enterprise Miner has to offer.

Traditional statistical methods cannot be used to analyze text data. They also cannot be used to analyze categorical variables with hundreds and thousands of levels. Only data mining methods can handle large inventories of products and items. Market basket analysis is used by businesses that maintain “shoppers’ cards” to examine patterns in purchase habits. It is used by on-line companies that routinely collect purchase information, and by credit-card companies.

Predictive modeling is an extension of linear models available in SAS/STAT. However, because of the size of the

datasets, p-values cannot be used to validate the defined model. Instead, Enterprise Miner has the capability of partitioning the dataset so that the models can be validated using misclassification rates and information criteria. Enterprise Miner has a model comparison node that automatically chooses the best model for predicting results. Once chosen, a scoring node can be developed to apply the results to future data so that the model can be used on a continuous basis.

Healthcare still lags behind most other businesses in the way it uses its data, although the data can be analyzed with data mining techniques. Many of the methodologies that can be applied to “know your customer” can be used to “know your patient”. Examples with emphasis in healthcare applications will be demonstrated. The tools can also be used to increase accountability by providing oversight of physician decision-making and how it relates to patient outcomes. A third application of data mining tools is to investigate public health epidemics. Numerous examples of how data mining can improve care and decrease costs will be demonstrated.

Pre-requisite: Basic knowledge of SAS

Intended Audience: Anyone interested in learning about the basics of SAS Enterprise Miner, particularly in a healthcare environment

Course Material: Presentation slides and booklet of SAS output with interpretations

WEEKEND WORKSHOPS



PROC SQL Programming: Beyond the Basics

Instructor: Kirk Paul Lafler, Software Intelligence Corp.

Sunday, October 8th, 8:00am-12:00 noon

Kirk Paul Lafler is consultant and founder of the Software Intelligence Corporation and has been programming in SAS since 1979. As a SAS Certified Professional and former SAS Institute Alliance Member (1996 – 2002), Kirk provides IT consulting services and training to SAS users around the world. He has written four books including PROC SQL: Beyond the Basics Using SAS by SAS Institute, Power SAS and Power AOL by Apress, as well as more than one hundred peer-reviewed papers and articles. Kirk is a frequent invited speaker at International, Regional, and Local SAS User Group Conferences. He also writes a SAS Tips column called Kirk's Korner that appears in the BASAS, HASUG, SANDS, SAS Institute, SESUG, and WUSS Newsletters and websites.

Expand your PROC SQL skills beyond the basics with this Advanced PROC SQL Programming Techniques seminar. Numerous examples of this powerful language will be presented to improve a user's mastery of the language while providing a better understanding of the language details to perform more complicated tasks. Topics include assigning case expressions, accessing dictionary tables, interfacing PROC SQL with the Macro facility, implementing table integrity constraints, using undocumented and hard-to-find PROC SQL features, performing complex queries with joins and set operators, strategies for creating and using views, debugging techniques including documented and undocumented

features, and query performance tuning strategies.

Pre-requisite: PROC SQL Basics course or 6-months SQL experience

Intended Audience: All SAS Users

Course Material: Course Notes, which are more in-depth than the slides, are included.

Quote From SESUG '05

"One of the best conferences to which I've been. Everyone was extremely knowledgeable, friendly and helpful. The Sunday Workshops were particularly useful."



d-Wise Technologies President, Chris Olinger, has been developing enterprise software for over 17 years. While at SAS Institute he was the manager of the Base SAS reporting group and lead developer of ODS, as well as being involved in the design and development of the SAS Drug Development platform. More recently, Mr. Olinger has been involved in the development of SAS and web based applications, and runs his own software consultancy company, d-Wise Technologies.

Advanced ODS

Instructor: Chris Olinger, d-Wise Technologies

Sunday, October 8th, 1:00pm-5:00pm

This half-day advanced ODS course will cover topics relating to getting the most out of ODS Styles, reporting techniques using the Base SAS® reporting procedures, ODS Tagsets, and using SAS to interface with alternative reporting environments. It will also touch on some of the newer technology coming in 9.2 such as Statistical Graphics, and enhancements to ODS to make your life easier.

Examples will be distributed via CD. The instructor's version of SAS will be 9.1.3 SP3.

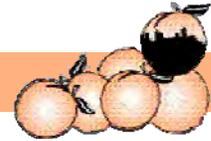
Pre-requisite: Basic knowledge of ODS

Intended Audience: Intermediate to Advanced SAS programmers

Course Material: Handouts and CD of examples

Quote From SESUG '05

"The biggest thing I came away with from SESUG was a renewed enthusiasm for SAS... THANKS!!!!"



WEEKEND WORKSHOPS



Russ first used SAS in 1985 and has been a SAS enthusiast ever since. He is a frequent, and award-winning, presenter at SAS user groups. He is the creator of the "An Animated Guide" series of talks on SAS and statistical topics.

An Animated Guide: An Afternoon of SAS Macros

Instructor: Russ Lavery

Sunday, October 8th, 1:00pm-5:00pm

Just as all SAS programmers should understand the Program Data Vector, macro programmers should understand the Map of the Macro System (A.K.A. the SAS supervisor). Understanding the flow of tokens through the Supervisor helps programmers create and debug macros. This workshop covers basic SAS processing, macro variables (%let), macro programs, the macro table, the macro catalog, the &&&, symget, resolve, call execute and call symput. It starts at a basic level and progresses through advanced macro code.

This is a great amount of material for one session and the material can be retained because of the use of animations to convey the material and the unusually structured group problem sessions. The animated graphic of the supervisor greatly simplifies difficult concepts. Additionally, the group problem sessions utilize the latest research in cognitive psychology on how to teach complex subjects and are structured around Myers-Briggs learning styles. Finally, the attendees get 1000 lines of SAS code showing common macro examples and projects. This heavily

annotated SAS code can be run after the course to review and reinforce the material studied. It can also be a source for "code snippets" when the attendee is back at work.

Pre-requisite: 6 months of SAS programming

Intended Audience: Anyone desiring to learn macros will be interested in this session. It is especially useful to people with less than a year of macro use, but very experienced users have found this fascinating as well. Experienced users say "I knew how to do it, but not why it worked" or "I knew that, but not that way"

Course Material: Attendees will get paper copies of the slides and a floppy that contains the datasets and code used in the class. The many examples of macro code will allow attendees to re-run code, review the material, tweak code, and continue learning, after returning to their jobs. Additionally, this file of SAS sample code contains examples of using macros to automate processes, a major reason for learning macros.



The SAS Demo Room in Portsmouth, SESUG 2005





After more than 11 years with SAS Institute in the Professional Services and Marketing Departments, Ben Cochran left to start his own consulting and SAS Training business in the fall of 1996 – The Bedford Group. As an affiliate member of SAS Institute's Alliance Partner Program, Ben has been involved in many teaching and consulting projects over the last 10 years.

Ben has authored and presented several papers at SUGI and regional user groups on a variety of topics since 1988.

WEEKEND WORKSHOPS

Introduction to Enterprise Guide

Instructor: Ben Cochran, The Bedford Group

Sunday, October 8th, 1:00pm-5:00pm

This course is intended for two groups of students: those who are brand new to the SAS System, and those who have been using the SAS System for a few years, but want to learn about the new features of Enterprise Guide.

Course Contents:

Introduction: What is Enterprise Guide

Getting Started: How to Begin. Taking the Enterprise Guide Tour.

Overview of the Course -

Creating Simple Reports: Creating and Modifying a Listing Report. Creating a Bar Chart and Exploring Graph Options. Customizing Reports.

Data Preparation, Part 1: Subsetting Data - How to Subset Data.

Generating Reports from the Subsetted

Data.

Data Preparation, Part 2: Joining Data - Joining Data with a Query. Working with Columns in a Query. Creating a Frequency Count. Creating a Listing Report.

Data Preparation, Part 3: Summarizing Data. Adding Data to an Existing Query. Creating a Bar Chart From Query Data. Creating a Summary Table.

Doing More with Enterprise Guide

Creating Documents. FAQ

What's New in Enterprise Guide 4.1

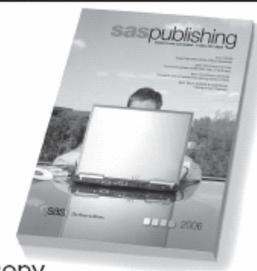
Pre-requisite: None

Intended Audience: Any SAS user

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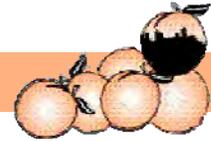


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Enjoy the Conference!

The Power to Know.

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Opening Session & Keynote Address

You won't want to miss this year's **Opening Session & Keynote Address** on Sunday evening! Our special guest is **Kathy Council**, Vice President of Publications, SAS Americas. Here's a preview of Ms. Council's address:

In the past three decades, SAS has grown from its beginnings as a "statistical analysis system" to becoming the world's largest privately-held software company. SAS is the leading business intelligence provider, with software installed at more than 40,000 sites in 110 countries. With this success came the challenge of sustaining close customer relationships while extending operations globally.

In a recent webcast to all SAS employees, Jim Goodnight, president and CEO of SAS, said "When we started 30 years ago...we had a solid customer base to build from. Many of these customers are still SAS customers today. Frankly, it's that focus on the customer that has allowed us to get as far as we have for as long as we have..." He challenged all employees "...to build on our success, always focus on the customer and make our 30th year our best ever."

This focus on the customer continues to be the mantra for all of us at SAS. And because we listen, we have developed very close relationships with you. We listen to you via many channels, and that knowledge feeds back to all departments at SAS including R&D, Publications, Education and Technical Support.

To show our appreciation for your valuable feedback, we even reward users for their contributions with the annual User Feedback and Enterprise Intelligence Awards.

In this presentation, you will hear stories of how SAS has improved its software and services by listening carefully to what you have to say. You will learn how SAS focuses on maintaining good customer relationships that improve customer satisfaction and loyalty -- even in tough economic times. And every indicator points to an even stronger future: after 30 consecutive years of growth and profitability, SAS continues to be acclaimed as an outstanding employer, vendor and corporate citizen.

As vice president of Publications, Kathy Council oversees development and delivery of online and printed documentation and information products that support SAS products globally. Products developed within Publications include the SAS HELP system, software documentation, tutorials and self-paced e-learning. The Publications division incorporates all publishing functions including content development, product coordination and testing, design, production, and sales and marketing. Publishing tools, content management systems, and the HELP and online documentation delivery systems are also developed within the division.

Vice president since 1985, Council has headed the Publications unit since originally joining SAS in 1977. Initially hired to handle promotional materials for the young company, she spent her early years at SAS working as a technical support consultant, trainer and coordinator of the annual SAS Users Group (SUGI) Conference. She also authored or co-authored a number of early SAS manuals. She has a bachelor's degree in mathematics from the University of North Carolina at Greensboro and a master's degree in statistics from North Carolina State University in Raleigh, NC.

Council is active in the community on many levels. Past member and president of the board of advisers for the College of Humanities and Social Sciences (CHASS) at North Carolina State University, she is now a member of the Universities Foundation Board where she represents CHASS' needs. A recent member of the Cary Chamber of Commerce in Cary, NC, Council is currently co-chair of the Business of Women series for the chamber.



KATHY COUNCIL
Vice President,
Publications

Featured Speaker Andy Kuligowski:

Getting the Most out of Your SESUG Conference

Sunday, October 8th, 4:30 pm

You registered for SESUG, you paid your registration fee ... now what? Well, after 40+ SAS conferences, I think I have some idea on how to maximize my investment in time and money when I attend an event. This 1 hour workshop will reveal my technique for "Getting the Most out of MY SESUG". I'll be mixing a few PowerPoint slides with some audience interaction with a game or two (prizes WILL be awarded!). My goal is to help you maximize YOUR investment in the conference. Join me on Sunday afternoon!

Andrew T. Kuligowski has been a SAS user for over 20 years, with experience in the petrochemical and media research industries as well as in the public and non-profit sectors. He's chaired two SAS conferences in the past 10 years, and estimates that he has been an Invited speaker at over 40 SAS user group conferences and meetings. As such, Andrew figures that, by now, he's picked up a few tips on how to make the best – and worst – out of attending a conference.



Keynote Luncheon Speaker David Baggett:

SAS and U: Exploring the U Factor

Tuesday, 12:00 noon, October 10th

"SAS users are the very heartbeat of SAS. You are what makes us tick and keeps us focused. All 10,000 SAS employees across the world, whether in R&D, Technical Support, Publications, Education, Marketing, Users Group Support, or any other SAS organization, go to work everyday with you in mind. How can we connect with you? How can we support you? How can we learn from you?"

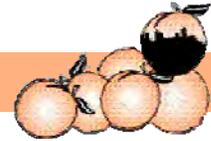
How can we develop and deliver software that meets your needs? How can we help you succeed? How can we form and nurture effective partnerships with you? How can we delight you? You, you, you...you're at the center of our universe and what motivates us and fuels SAS' success!"

During his presentation, David will explore the relationship between SAS users and SAS.

David Baggett, director of Executive and User Events, has worked at SAS for 24 years. For the past 11 years, he has been responsible for directing SAS' support for regional, local, and in-house SAS users groups and SUGI. In addition, David started SAS' Books by Users Program and directed BBU from 1991-1999. David's SAS career has been totally focused on meeting, knowing, supporting, and loving SAS users. David serves as SAS' liaison to the SESUG Executive Council and is proud to be participating in SESUG '06!

Users networking and learning in the SAS Demo Room, SESUG 2005 in Portsmouth





Presentations and Planning Team

Applications

Section Chairs -
Bob Bolen and Tom Fuchs

The Applications section focuses on ways that SAS-based solutions are used to improve business processes. Presentations highlight experiences or practices in the design, development, and implementation of SAS applications. The concepts typically include a combination of topics such as: Web-enabled, object-oriented, modular, multi-platform, multi-processor, multi-user, interface, integration, and performance.

Coders Corner

Section Chairs -
Dianne Rhodes and Ed Heaton

Presentations in this section are 10 minutes and range from simple code that "everyone should be using" to "slick workarounds" for specific coding problems. Always a great source for tips, tricks, and techniques!

Data Presentation

Section Chairs -
David Steves and Denise Figliozzi

Brilliant!
I like that!
How did you do it?

Everyone wants to hear great compliments on their data presentation, but how do you get there? Start by attending the Data Presentation section at SESUG 2006 where you will hear and enjoy many quality papers that will inspire you to jazz up your output.

Topics include the use of SAS/GRAPH, SAS/IntrNet, SAS with Microsoft Powerpoint, ODS and advanced features of DDE. Dazzle your clients with your next project! Come join us!

ETL: Extract, Transform and Load

Section Chairs -
John Bentley and Glenn McMillan

ETL really means Get it, Change it, Save it! ETL conjures up visions of specialized, complicated, automated data warehousing job processes to extract massive amounts of data from mainframe systems, transform and clean it, and then load it into a relational database. But, at a basic level, what is ETL all about? It's about getting data, changing it, and then saving it. The reality is that SAS users were doing ETL years before the data warehousing industry decided to call it ETL. Each time they run a DATA step, submit an SQL query, or save the output of a PROC, they're getting data, changing it in some way, and then saving it. ETL is meat and potatoes for perhaps most SAS users.

This section includes presentations that look at all aspects of using SAS for ETL, from DATA steps, PROCs, and macros to SAS/Access for relational databases to the new SAS ETL Studio.

(Continued on page 12)



Presentations and Planning Team

(Continued from page 11)

Hands-On Workshops

Section Chairs -
Michael Mace and Claudine Lougee

Hands-On Workshops offer a unique learning experience at SESUG. Each seventy-five minute workshop is led by an experienced member of the SAS user community or by SAS staff, who guide the attendees through step-by-step, interactive exercises enabling you to learn by doing!

Details of the Workshops are available on the web at www.sesug.org. Selected topics include Macro Basics, SQL, Producing Graphs with Enterprise Guide, Integrating SAS and Microsoft Excel, and many other topics.

Posters

Section Chairs -
Larry Altmayer and Gary Schlegelmilch

Larry and Gary would like to cordially invite you to join us for the first SESUG Posters Café!

At SESUG 2006, the Poster Café will give you the opportunity to sit, read, and learn from the Poster contributors. Network with your fellow attendees while taking your time to study a diverse lineup of presentations, spanning the range from tricks and tips to studies and analyses. There is something for everyone, regardless of your experience. Come sit, have a cup of coffee, and join other attendees at the SESUG Posters Café!

Simple But Clever

Section Chairs –
Peter Eberhardt and Mark Tabladillo

In this section, our presenters share their best kept secrets! Surprisingly, the simplest of problems often requires a tricky solution. And seemingly difficult problems can be solved quickly with a simple trick. Clever solutions can be accomplished with DATA step or macro code, as well as innovative uses of PROCs, graphics, or customized SAS or Enterprise Guide environments.

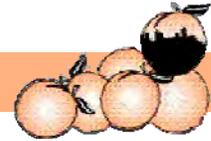
Statistics

Section Chairs -
Patricia Cerrito and Mark Litaker

Presentations in the Statistics and Data Analysis section deal with the process of progressing from raw data to useful information. For SESUG 2006, this section will consist of three half-day sessions, each focused on an element of this process. Each session will include topics for a wide range of SAS users, including programmers, statistical programmers, statistical analysts, and statisticians. The three sessions will be (1) Statistical Methods in Data Mining, (2) Statistical Methods for Dependent and Correlated Data, and (3) Innovative Statistical Methods.

In data mining, large databases are examined for relationships and patterns. Hypotheses can be generated using data mining techniques; they do not have to be preplanned. Most data mining activities require cleansing and preprocessing of the data. SAS Enterprise Miner is specifically designed for data mining, but SAS/STAT, SAS/QC, and SAS/ETS may also be used. Correlated data occur in many fields of research, and may result from studies that

(Continued on page 13)



Presentations and Planning Team

(Continued from page 12)

include repeated measures, cluster-randomization, family-based observations, or longitudinal designs. Non-normal data presents particular analysis challenges. SAS procedures appropriate for such data include MIXED, GENMOD, and GLIMMIX.

Innovative statistical techniques may arise from new theoretical approaches or novel approaches using traditional analytic techniques to face a new problem. Statisticians are often faced with applying statistical methods to new and complex situations. For this session, presentations will illustrate the uses of standard statistical methods in creative ways or demonstrating an innovation to statistical models available in SAS/STAT, SAS/ETS, and SAS/QC.

Tutorials

Section Chairs -
Erik Larsen and Venita DePuy

Tutorials is the place to be for presentations applicable to all programming levels and users

from all industries. Tutorial presentations are delivered by experts and instructors with a knack for providing that 'ah-ha experience' with a step-by-step, how-to approach. Attend for an interactive experience with stimulating discussions. Tutorials will be split into two tracks this year. The Monday morning session will be geared toward the new SAS user - offering coding techniques, programming efficiencies, and new approaches for the novice user. The Monday afternoon and Tuesday morning sessions will expand on the foundations of SAS into more advanced, detailed presentations.

Whether you've been using SAS for years or you are a new or intermediate user, the Tutorials section has something to help you become a better, more efficient programmer and perhaps even be able to learn a new trick or two!

Networking and fun activities at SESUG

- Welcome Reception, Sunday night
- SAS sponsored reception, Demo Room, Monday 5:30-8:00pm
- Tuesday, Closing Session Luncheon and Guest Speaker



SESUG '06 Presentations at a Glance

Just so you can get an idea of the caliber of presentations and presenters at SESUG this year, the below is a snapshot of the lineup. The complete list of presentations and authors is available at www.sesug.org.

[Top-Down Programming With SAS® Macros](#), Ed Heaton

[Be Your Own Task Master - Adding Custom Tasks To EG](#), Peter Eberhardt

[Data Warehouse Implementation: Where We Are 1 Year Later](#), Linda Sullivan

[Collect, Clean, Conquer - A Field Guide To Surviving Master Data Clean-Up](#), Jessica Baldwin-Finke

[PROC SQL For DATA Step Die-Hards](#), Christianna Williams

[Generating Fantastic Graphs The Quick And Easy Way With Enterprise Guide](#), Ben Cochran

[Creating AND Importing Multi-Sheet Excel Workbooks The Easy Way With SAS®](#), Vince Delgobbo (SAS)

[The Absolute Nitty-Griddy Of ODS Layout: Part I](#), Annette Ladan

[How To Implement The One-Time Methodology](#), Mark Tabladillo

[See What You Are Missing: Finding Missing Data Records](#), Kim Truett

[Solving Jumble Puzzles : Dictionaries, Hashes And Permutations](#), Richard Devenezia

[Reading A PDF With SAS®: Yes, You Can Do It: No, Its Not That Hard](#), Frank Dilorio

(Continued on page 15)



[Transporting Data Sets Between SAS Operating Environments](#), Mimi Lou

[Dup, Dedup, DUPOUT - Recent PROC SORT Features](#), Heidi Markovitz

[Graphics For Statistical Concepts And Data Display](#), David Dickey

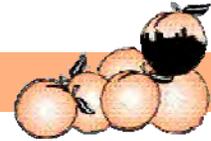
[Now - That's Your Style!!!!](#), Chevell Parker (SAS)

[SAS® Add-In For Microsoft Office - Adding Microsoft Powerpoint](#), Chris Hemedinger (SAS)

[Demystifying The SAS® Excel Libname Engine - A Practical Guide](#), Carol Martell

[The Ins And Outs Of SAS® Data Integration Studio](#), Chris Olinger





SESUG '06 Presentations at a Glance

(Continued from page 14)

From Synapse To Syntax: A Panel Discussion On Problem Solving, featuring Paul Dorfman, Peter Eberhardt, and Richard Devenezia as Panel Participants
The Design And Use Of Metadata: Part Fine Art, Part Black Art, Frank DiIorio

They Asked For A Segmentation Scheme, Not Clusters, Jeff Zeanah

Modern Regression Analysis, a 2 Hour Tutorial, Robert Cohen (SAS)

Using SAS® ODS To Extract And Merge Statistics From Multiple SAS Procedures, Stuart Long

How To Think Through The SAS® DATA Step, Ian Whitlock

The New World Of SAS®: Programming With SAS® Enterprise Guide®, Chris Hemedinger (SAS)



Quote From SESUG '05

"I was able to discuss a problem I needed to solve with a SAS Tech Support employee who was so helpful and friendly to me. This made the conference so worthwhile, to have someone who could discuss my problem with me and direct me to a solution."

New for 2006—

FREE! One-Hour SAS e-Learning Sessions!



Set aside an hour at the conference to take any lessons or courses from our SAS Self-Paced e-Learning web site free of charge!

See what our interactive e-learning is like while you are learning a topic that interests you. Areas to choose from include

- SAS programming (over 100 hours of training ranging from basic concepts to PROC SQL and Macros)
- SAS Certification (courses designed to prepare you for the base and advanced SAS Programming Certification)

- Business Intelligence (courses in SAS Web Report Studio, SAS Add-In for Microsoft Office, SAS Enterprise Guide, SAS OLAP Viewers, Information Map Studio)

- Data Integration (Using SAS Data Integration Studio)

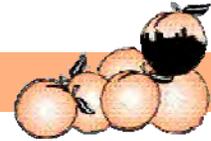
You can preview our e-learning curriculum prior to the conference at

<http://support.sas.com/selfpaced>

Sign up at the Publications Booth for a one-hour time slot that fits your schedule.

Fourteen Years of Success

 <p>TradeWinds St. Petersburg Beach, FL Tamara Fischell <i>Timely Technical Solutions</i></p> <p>S. David Riba <i>JADE Tech, Inc.</i></p>	<p>SESUG '94</p> <p>Charleston Omni Charleston, SC</p> <p>Frank DiIorio <i>ASG, Inc.</i></p> <p>Deborah Hoppe <i>John Alden Life Ins. Co.</i></p>
<p>SESUG '95</p> <p>North Raleigh Hilton Raleigh, NC</p> <p>Melissa Garreans <i>John Alden Life Ins. Co.</i></p> <p>Andrew Parks <i>SAS Institute</i></p>	 <p>Swissotel Atlanta, GA</p> <p>Frank DiIorio <i>ASG, Inc.</i></p> <p>Grace Lossman <i>Merck</i></p>
 <p>Omni Jacksonville Hotel Jacksonville, FL</p> <p>Dan Bruns <i>Tennessee Valley Authority</i></p> <p>Andrew T. Kuligowski <i>Nielsen Media Research</i></p>	 <p>Norfolk Sheraton Norfolk, VA</p> <p>Randy Finch <i>Tennessee Valley Authority</i></p> <p>F. Joseph Kelley <i>University of Georgia</i></p>
 <p>Adams Mark Mobile, AL</p> <p>George Matthews <i>University of Georgia</i></p> <p>Greg Nelson <i>ThatWave Technologies, LLC</i></p>	 <p>Adams Mark Charlotte, NC</p> <p>Phil d'Almada <i>EDS</i></p> <p>Maribeth Johnson <i>Medical College of Georgia</i></p>
 <p>Intercontinental New Orleans, LA</p> <p>Debbie Buck <i>D. B. & P. Assoc.</i></p> <p>S. David Riba <i>JADE Tech, Inc.</i></p>	 <p>Savannah Grand Hyatt Savannah, GA</p> <p>David Maddox <i>Bellsouth</i></p> <p>Heidi Markovitz <i>Simply Systems</i></p>
 <p>TradeWinds Island Grand Resort St. Pete Beach, FL</p> <p>Steve Noga <i>Rho, Inc.</i></p> <p>Gary Schlegelmileit <i>US Bureau of the Census</i></p>	 <p>Loews Vanderbilt Nashville, TN</p> <p>Imelda "Mel" Go <i>South Carolina Dept of Education</i></p> <p>Neil Howard <i>i3 STATPROBE</i></p>
 <p>Renaissance Portsmouth Hotel & Waterfront Conference Center Portsmouth, VA</p> <p>Presented by the SESUG EC</p>	 <p>Sheraton Atlanta, Atlanta, GA</p> <p>Marje Fecht, Prowerk Consulting LLC</p> <p>Debbie Skinner, Assurant</p>



Networking Opportunities

Meeting your fellow attendees is an important part of the conference that cannot be obtained from reading the proceedings. Informal conversations often lead to a solution to a problem you have, an idea for an alternative method, or discovering additional SAS functionality.

Many attendees want to exchange contact information to keep in touch after the conference. To assist you in making and retaining new professional contacts, SESUG will provide you with some business cards, which you can exchange with your fellow attendees.

The Sunday Mixer, immediately after the Opening Session, is an excellent opportunity to meet people. We're planning a few surprises so make plans to attend. Refreshments will be served.

Monday and Tuesday mornings

start off with a continental breakfast. Come early and enjoy a morning chat over coffee. Tables will be available throughout the day.

Monday lunch is on-your-own. Take advantage of the opportunity to network with fellow attendees by going out for lunch at one of the many restaurants within walking distance. A list of nearby restaurants will be available at the registration desk.

Monday evening, SAS will be sponsoring a mixer in the Demo Room with a chance to meet with SAS staff and SESUG attendees. Be sure to attend and enjoy some great food and drinks.

See **page 18** for more details!

Tuesday, the conference will close with a lunch featuring you – the SAS User. It's a good chance to enjoy a meal and bid farewell. More details on **page 10**.



Guests enjoy culinary delights at the Sunday night Welcome Reception at SESUG '04



... and using the SAS-provided Internet facilities at SESUG '05



Special Event: Silent Auction for Charity

SESUG '06 will host a Silent Auction on Sunday and Monday of the conference, with the winners being announced at the Monday

Night Mixer. Items for auction will be donated by SESUG, SAS, and other interested parties. All proceeds from the silent auction will be given to the SAS Education Fund. This fund was originally set up last year by SAS to provide relief efforts related to education in the areas affected by Hurricanes Katrina and Rita. Its long-term mission is to provide education-focused philanthropy for relief, intervention, or

outreach purposes.

The SESUG '05 attendees in Portsmouth, Virginia enjoyed a successful auction – attendees walked away with items including back packs, shirts, and conference registrations; and the relief efforts received a \$1000 contribution. Hopefully we can have even greater success in Atlanta!

If you or your company is interested in donating an item to the auction, please contact SESUG Charitable Functions coordinator Andrew T. Kuligowski at A_Kuligowski@msn.com.

Visit SAS In the Demo Room!

Exhibit and Demo Room

The Exhibit and Demo room will be open all day on Monday, and Tuesday morning. Stop by the demonstration stations to meet SAS developers, see demonstrations, and ask questions about SAS software. Talk with representatives from SAS service areas such as Publications, SAS Education and Certification, Technical Support, Users Group Support, and others. Browse through SAS documentation at the Publications booth and receive a 20% discount (certain restrictions apply). Several of the SAS booths also have giveaways!



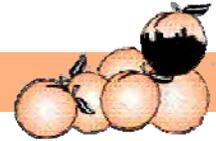
Our Academic Chair, Marje Fecht, hangs around with some of the nicest people...

Users enjoying SAS's southern hospitality at Portsmouth VA in 2005.

SAS User Appreciation Reception

Join us Monday afternoon in the Demo Room where you can mingle with other SESUG attendees and SAS staff while enjoying food, drink and live entertainment. This reception is provided by SAS as our way to thank you, our valuable users.





New for 2006-
SESUG Student Scholarship Program

In the early spring of 2006, the SouthEast SAS Users Group accepted applications from college students for scholarships to attend the 2006 conference. Students using SAS in their academic studies were encouraged to apply and to submit papers for presentation at the conference. The scholarships include waived conference registration and a special academic reception.

The response to this offer was overwhelming, and we are pleased to announce that we have extended scholarships to 14 students, representing 8 colleges and universities. Many of these students will be presenting papers at the conference. The conference program will highlight these student presentations, and we encourage you to attend and welcome these SAS users.



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A/V Coordinator

Peter Eberhardt ◇ Carol Martell

Giveaways

Imelda Go

Graphic Artists

Kimberly Riddell

Publications

Dan Bruns ◇ Gary Schlegelmilch ◇

John Bentley

Proceedings

Joe Kelley

Registration

Maribeth Johnson ◇ Jennifer Waller

Vendor Relations

George Mathews ◇ Imelda Go

David Maddox ◇ Joy Smith

Volunteer Coordinator

Jennifer Waller

Web

Mark Tabladillo ◇

Mimi Lou

Charitable Event

Andy Kuligowski



SESUG Executive Council

Dan Bruns

Tennessee Valley Authority

Imelda Go

SC Department of Education

Joe Kelley— President

University of Georgia

Deborah Skinner— 2006 Co-Chair

Assurant

Deborah Buck

D.B. & P Associates

Ed Heaton— 2007 Co-Chair

Westat

David Maddox

BellSouth

Joy Smith— 2007 Co-Chair

North Carolina State University

Philip d'Almada

Duke Clinical Research Institute

Neil Howard

Neil Howard, Inc.

George Matthews

University of Georgia

Marje Fecht— 2006 Co-Chair

Prowerk Consulting LLC

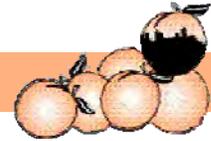
Maribeth Johnson— Vice President

Medical College of Georgia

Gary Schlegelmilch— Treasurer

U.S. Bureau of the Census





SESUG Policies & Procedures

The annual Southeast SAS Users Group (SESUG), Inc., Conference is primarily an educational gathering for the benefit of its attendees. SESUG recognizes that the majority of attendees are present as representatives of their employers for this purpose. Accordingly, SESUG does not condone, endorse, or encourage activities that may conflict with the educational nature of the conference. All attendees and vendors are expected to abide by the Policies and Procedures set forth in this document.

Paper Content: Users are urged to present papers describing real-world applications using SAS Institute software. SESUG also accepts a limited number of theoretical and general overview papers. Acceptance of all presentations is at the discretion of the Conference Co-chairs. Oral presentations and written papers describing products or services of a commercial nature may only be presented at the conference if they describe how the product relates to the use of SAS Institute software; and they do NOT include price lists, support commitments, or other material of a promotional or sales nature.

Right of Withdrawal: The SESUG Executive Council and the Conference Co-chairs reserve the right to determine if any activity is in violation of these Guidelines. They may, at their option, direct the withdrawal of a presentation or demonstration or the dismissal of a SESUG attendee from the conference.

Marketing and Recruiting: Any person or entity wishing to market their products or services or whose presence is primarily to recruit attendees at the annual SESUG conference must register as a vendor. Registered vendors are expected to conduct themselves with professionalism. The SESUG Executive Council (EC) reserves the right to refuse any or all vendor registrations. In addition to, or in lieu of, a physical presence at the annual SESUG conference, vendors may choose to have a virtual presence through means of advertising. Advertising opportunities are delineated below and do not require separate registration of the vendor.

The Conference *Program* may include printed vendor advertisements. All advertising is accepted at the discretion of the SESUG Conference Co-chairs. A fee may be assessed. Sales literature and promotional items may only be distributed to conference attendees in an approved manner. Items for distribution must be submitted to a designee of the Conference Co-chairs and are subject to approval of form and content. A fee may be assessed.

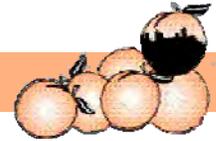
Vendors who wish to sponsor the goals and aims of SESUG may be recognized publicly at the discretion of the Conference Co-chairs. Distribution of sales literature and other promotional items will be limited to the above procedures. The Conference Co-chairs will issue specific requirements (e.g., content, deadlines, and costs) for these vendor promotional opportunities.

SESUG does not condone, endorse, or encourage unauthorized hospitality suites or other similar unauthorized activities. In the event of any questions of interpretation, the decision of the Conference Co-chairs will apply. Non-registered vendors may not engage in any direct marketing or sales effort at the conference.

The SESUG organization is comprised entirely of volunteers. Look on page 22 for volunteer opportunities.



SESUG EC member Andy Kuligowski, recruiting volunteers in his home state of Florida.



Getting to Atlanta...

Airport Information

Hartsfield-Jackson Atlanta International Airport services the Atlanta metro area, located 10 miles from downtown Atlanta. The airport is a hub for Delta Airlines and AirTran, and served over 7 million passengers in 2006. More information on the Hartsfield- Jackson Atlanta International Airport can be found on their website, www.atlanta-airport.com



Ground Transportation from the Airport

Transportation from Hartsfield Airport to the hotel is available via The Atlanta Link. This service is located in the ground transportation area. The hours of operation are 6 am–12 am, 7 days a week. The fare is \$16.50 one-way and \$29 round-trip. You may find additional information or make a reservation at www.theatlantalink.com.

There is a flat charge (currently \$30) for a taxi from the airport to downtown. Additional passengers are \$2 each.

Driving Directions

From East

From Interstate 20 West, take Interstate 75/85 North to Exit 248C (International Boulevard). Turn left onto International Boulevard And the hotel entrance is 1.5 blocks ahead on the left.

From West

From Interstate 20 East, take Interstate 75/85 North to Exit 248C (International Boulevard). Turn left onto International Boulevard And the hotel entrance is 1.5 blocks ahead on the left.

From North

From Interstate 75/85

South, take Exit 249A (Courtland Street). Continue ahead on Courtland Street. The hotel entrance is 3 blocks ahead on the left.

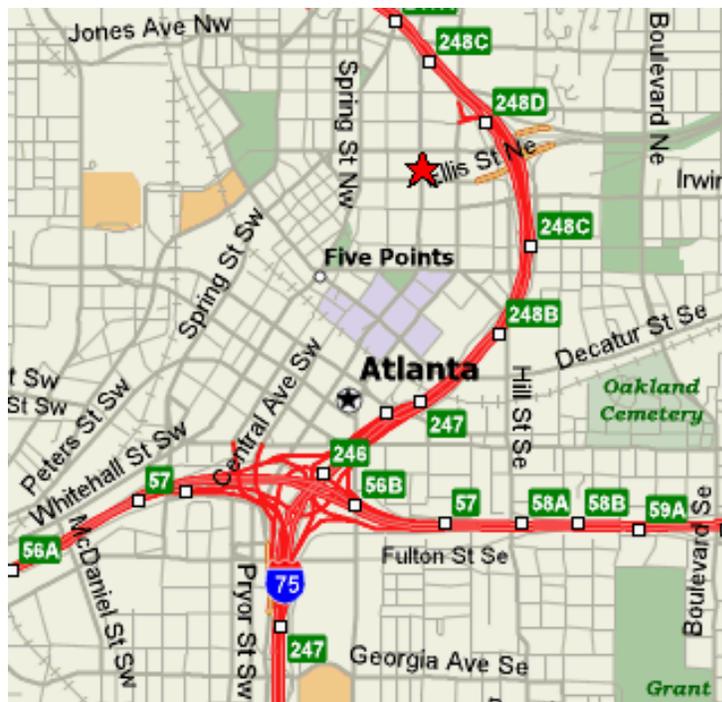
From Atlanta Hartsfield International Airport (South)

Take Interstate 85 North to Interstate 75/85 North. Take Exit 248C (International Boulevard). Turn left onto International Boulevard and the hotel entrance is 1.5 blocks ahead on the left.

Parking is available at the hotel for a fee of \$22 per night for valet or \$17 for self-parking for hotel guests.

Hotel parking is available for conference attendees not staying at the hotel:

0-3 hours	\$7.00
3-8 hours	\$10.00
8-24 hours	\$17.00



Our Host Hotel, the Sheraton Atlanta

The conference will be held at the luxurious Sheraton Atlanta Hotel located in downtown Atlanta. The Sheraton Atlanta Hotel is conveniently located minutes away from the Hartsfield-Jackson Atlanta International Airport and within walking distance of some of the city's finest attractions.

The Sheraton Atlanta Hotel offers:

24-hour access to health club, deli, and room service

The greatest pool in Atlanta, second to none

Every Sheraton Atlanta Hotel guest room offers visitors:

The new Sheraton Sweet Sleeper Bed — a custom designed plush top mattress set with all the comforts of home



A large desk area with task lighting

Telephones with data ports

Remote-controlled television with a video game system

Wireless High Speed Internet access is available in the guest rooms for an additional daily fee.

Special Conference Rates!

The hotel has a block of rooms reserved for SESUG conference attendees at special conference rates. These rates are available for stays October 3 – October 13, 2006.



Conference Rate—\$139

Government Rate**—\$115
(single or double)

***Government ID required – must contact hotel directly – limited availability*

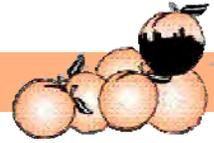
These special rates are available for reservations only until September 13 **or until the room block has been filled**, whichever comes first. Be sure to make your reservation early in order to secure a room at the special conference rate.

Two ways to register at the hotel!

Call the hotel directly at (800) 833-8624 and ask for the SESUG rate.

Go to www.sesug.org and click on the "Accommodations" link to find a link to a special online reservations site for the SESUG conference.





Discover Atlanta!

Atlanta is a relatively young city. Incorporated in 1847, it was little more than a minor transportation center until the Civil War, when its accessibility made it a good site for the huge Confederacy munitions industry – and consequently a major target for the Union army. In 1864 Sherman's army burned the city, an act immortalized in the classic movie, *Gone with the Wind*.

Atlanta quickly rebuilt, and became the symbol of the "New South" – aggressive and urban. That tradition has continued to the present, peaking spectacularly when Atlanta won the right to host the 1996 Olympics. The bid to convince the world of the city's prosperity and sophistication was led by city leaders such as ex-mayor Andrew Young (the first Southern black congressman since Reconstruction, who became Carter's ambassador to the UN) and flamboyant former CNN magnate Ted Turner.

Today, Atlanta is the big city with lots of southern hospitality. Home to prominent leaders of the Civil Rights Movement, Atlanta is the birthplace of many major historical events that shaped the progress of the city and its inhabitants. Atlanta is a vibrant city with a diverse population. There is literally



something for everyone here. From arts to sports to dining, Atlanta is non-stop excitement. Atlanta has some of the largest shopping malls in the Southeast and has some of the most unique shops anywhere in the country.

A few of the focal points within the city are Atlanta's ever-changing downtown, midtown, and Buckhead districts. These vibrant core communities boast significant architecture designed by such world-famous names as I.M Pei, Philip Johnson and Marcel Breuer. You will also find designated open and green spaces, public areas lined with trees, and colorful landscaping.

Fortune Magazine named Atlanta one of its "Top Cities for Fortune 500 World Headquarters" with companies such as Coca-Cola, Home Depot, Cable News Network (CNN), Georgia-Pacific, Equifax, and United Parcel Service.

With its ever-increasing international profile, cosmopolitan blend of cultures and hip local neighborhoods, the spirit and dynamism of modern Atlanta welcomes you!

Places to Go, Things To See...

The Sheraton Atlanta Hotel is nestled between an array of activities, including shopping, sports, dining and entertainment. Area attractions with distance from hotel include:

- The Martin Luther King Jr. National Historic Site, 1 mile
- The Jimmy Carter Presidential Library and Museum, 2 miles
- The Georgia Aquarium, 1 mile

- Atlanta Underground, 1 mile
- Atlanta History Center, 8 miles
- The Fernbank Museum of Natural History, 4 miles
- World of Coca-Cola, 1 mile
- CNN, 1 mile
- Atlanta Botanical Gardens, 2.5 miles
- Georgia Dome, 2 miles
- Six Flags Over Georgia, 12 miles.



SESUG Conference and Workshop Registration

	Early Save \$130 – ends 8/11	Regular Save \$80 – ends 9/8	On-site
Business & Government	\$395	\$445	\$525
Group Rate*	\$365	\$415	\$495
Academic**	\$325	\$375	\$525
Sunday Half-Day Workshop (optional)	\$99	\$99	\$124
Workshop Only***	\$ 25	\$ 25	\$ 25

*Group rate is available to groups of 4 or more from the same company who register at the same time. There is no group discount for Academic registrations. All members of the group must be paying conference fees. Workshop-only registrations or those receiving waived conference fees cannot be considered part of a group.

**Academic rate is available to full-time students, faculty and staff of a degree-granting institution. Academic rate is available only for Early and Regular registration – On-site registrants will pay the Business and Government rate. Verification of eligibility for the reduced rate will be required by the Registrar.

***A processing fee of \$25 is charged for those who attend weekend workshops but do not register for the conference.

Your conference registration fee includes:

- ◇ Opening Session with Keynote speaker followed by Mixer
- ◇ 1-1/2 days packed with academic presentations in 7 concurrent sessions
- ◇ Monday evening mixer in Demo Room
- ◇ Tuesday Closing Session lunch, with Keynote speaker
- ◇ Conference program and proceedings
- ◇ Conference shirt and bag

3 Easy Ways to Register

- ◇ Register Online at www.sesug.org and click the link "Online Registration" to enter the online registration system.
- ◇ Register by Fax. Use the registration form located on **page 27 & 28** of this book and

fax to 919-882-9798. The registration form is also available at www.sesug.org by clicking on the "Mail In Registration Form" link.

- ◇ Register by Mail. Using the registration form located on **page 27 & 28** of this booklet. The registration form is also available at www.sesug.org by clicking on the "Mail-In Registration Form" link. Complete and mail it along with your payment to:

Jennifer Waller, SESUG Registrar
Department of Biostatistics
Medical College of Georgia
1469 Laney Walker Blvd, AE-3031
Augusta, GA 30912-4900

Make checks payable to SESUG.

Mailed registrations must be postmarked by the date shown above in order to qualify for the discounted early and regular rates. Online and faxed registrations will be accepted at the discounted rate until midnight on the cutoff date.

Guest Registration

Registration for guests is available for \$50. Guest registration includes admission to these events:

- ◇ Opening Session with Keynote speaker followed by Mixer
- ◇ Monday evening mixer in the Demo Room
- ◇ Tuesday Closing Session lunch with Keynote speaker

Guests may not attend presentations or enter the Demo Room except during the mixer, and will not receive conference materials.

SESUG 2006 Conference Registration Form

First Name (for badge):		Last Name:	
Company:		E-Mail: (REQUIRED)	
Street Address or Box Number:			
City:		State/Province/Country:	ZIP Code:
Office Telephone: () -	Home Telephone: () -	Would you like to be added to the SESUG e-mail distribution list? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Do you plan to attend : <input type="checkbox"/> Sunday Night Opening session & Mixer <input type="checkbox"/> Monday evening SAS Mixer Tuesday Lunch : <input type="checkbox"/> Regular <input type="checkbox"/> Vegetarian <input type="checkbox"/> Special (Registrar will contact) <input type="checkbox"/> Will not attend			

Would you like to volunteer to help us at SESUG 2006? Yes No
 Registration Sunday workshops coordinator Poster setup/teardown
 Session Coordinator – Indicate choice of section _____

Check all that apply to you:

Active Executive Committee Speaker Section Chair Sponsor

Conference Registration Fees			
	Early Rate Through 8/11/2006	Regular Rate 8/12 – 9/8/2006	Onsite Rate 9/9 – 10/10/2006
Academic *	\$325	\$375	\$525
Business & Government	\$395	\$445	\$525
Conference Registration Fee			+ \$
Less \$30 per Person Group Discount ** (if applicable)			- \$
\$25 Workshop Administration Fee (waived for SESUG '06 conference attendees)			+ \$
Weekend Workshops			
Early/Regular until 9/8/06	On-Site 9/9-10/8/06		
\$99	\$124	Sunday, October 8, 8:00 am – 12:00 noon <i>An Introduction to Enterprise Miner with Applications to Healthcare Data</i>	+ \$
\$99	\$124	Sunday, October 8, 8:00 am – 12:00 noon <i>PROC SQL – Beyond the Basics</i>	+ \$
\$99	\$124	Sunday, October 8, 8:00 am – 12:00 noon <i>Counting the Ways to Excel</i>	+ \$
\$99	\$124	Sunday, October 8, 1:00pm – 5:00 pm <i>Introduction to Enterprise Guide</i>	+ \$
\$99	\$124	Sunday, October 8, 1:00pm – 5:00 pm <i>An Animated Guide: An Afternoon of SAS Macros</i>	+ \$
\$99	\$124	Sunday, October 8, 1:00pm – 5:00 pm <i>Advanced ODS</i>	+ \$
Guests (Guest Name _____)			
\$50	Guest - includes reception tickets (Sun. Eve Mixer, SAS Mixer, Tues. Lunch)		+ \$
TOTAL AMOUNT DUE			\$

* **ACADEMIC RATE:** This rate applies to **full-time** students or employees of a degree granting institution, college or university. Verification of academic status may be required by the registrar.

** **GROUP DISCOUNTS:** Group of 4 or more from the same company must register at the same time. **Academic registrants are not eligible for this discount!** Paper registrations **must** be shipped together, in order to ensure your discount is properly

applied. If electronically submitted, group registrations MUST be submitted as closely together as possible to ensure discount qualification. All members must be paying conference fees; workshop-only attendees will **not** be considered as part of the group for discount, nor will attendees with conference fees waived. Contact Jennifer Waller at the address/telephone below if you have any questions.

PAYMENT

- All funds must be in United States currency.
- SESUG Federal Tax ID: 59-3571958
- **PLEASE, DO NOT SEND CASH!** SESUG is **not** responsible for funds lost in the mail.

- Check/money order enclosed, payable to SESUG
- Credit Card: (please check one)
- Visa
 Master Card
 American Express
 Discover
 Diner's Club

Card Number:		Expiration Date:	/
Name on Card:			
Card Holder's Signature:			
Credit Card Billing address (if different from registration address):			
Street Address or Box Number:			
City:	State/Province/Country:	ZIP Code:	

REGISTRATION METHODS

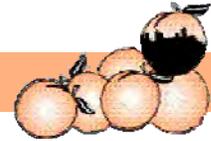
- Online registration at www.sesug.org
- For registrations by mail, send your completed forms to:

SESUG 2006 Registrar
 Jennifer Waller
 Department of Biostatistics
 Medical College of Georgia
 1469 Laney Walker Blvd, AE-3031
 Augusta, GA 30912-4900

Voice: 706-721-0814
 FAX: 919-882-9798

IMPORTANT INFORMATION

- **REFUND POLICY:** A full refund less a \$25 processing fee is permitted if written notice of cancellation is postmarked, e-mailed, or faxed to the Registrar by *September 8, 2006*. Cancellations and refund requests must be in writing. **No refunds will be issued after this date.**
- **CANCELLATIONS:** SESUG's sole liability in the event of conference or training workshop cancellation is refund of fees paid for the specific event(s) that is/are cancelled. SESUG is **not** liable for **any** special or consequential damages arising from conference or training workshop cancellation. If a training workshop is cancelled, we will notify **you as soon as possible** and you will be invited to transfer your registration to another workshop. Or, you may elect to receive a refund for the amount paid for that workshop.
- Using audio or visual recording devices, or laptop computers, is **NOT** permitted during pre-conference training workshops or paper presentations without the **prior permission** of the presenter/instructor.
- No direct recruiting may be conducted at the conference, or during **any** conference-related activity. (See SESUG Policies, **page 21**)
- By attending the SESUG conference, you are agreeing that the SouthEast SAS Users Group and SAS may use your name, picture, and/or feedback comments in any media worldwide, in connection with any account of conference events.



SESUG '06 Checklist

IMPORTANT 2006 DATES

NOW

Book your hotel room now! Rooms at the Conference rate are going fast! Rooms will remain available until September 13 or until the block is filled, whichever comes first.

June 1

Online Registration Opens

June 30

Presenters' Final copies of papers are due

August 11

Last day to register for the conference at "Early Bird" rates

September 8

Last day to register for the conference at the Regular conference rate. Registrations after this date will be at the On-site rate.

September 13

Last Day to Register for Weekend Workshops at regular rate. Registrations for Weekend Workshops after this date will be at the On-site rate.

September 24

Last day to register for hotel accommodations at the Conference rate — if rooms remain available. The room block closes at 5pm Eastern time.

Last day to register online (on-site rate applies). Registration is also available at the conference. However, availability of conference materials cannot be guaranteed for on-site registrants.

October 8-10

SESUG 2006 – Atlanta Georgia



Ron Fehd, SAS-L's legendary Macro Maven (and he of the legendary hats) will be at SESUG 2006—will you?

DON'T FORGET...



Visit www.sesug.org for regular updates.



All conference attendees **MUST** register. Registration Form on *pages 27 & 28*.



Register for pre-conference workshops. (optional) See *pages 3-8*.



Make reservations at the Sheraton Atlanta (www.sheratonatlantahotel.com).



Make your travel plans.



Be prepared to take advantage of the 20% discount available at the SAS bookstore.



Be well rested, ready to learn and have fun during the 14th annual SESUG conference in beautiful Atlanta, Georgia!