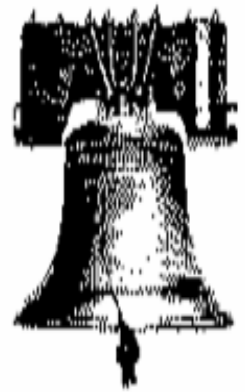




# PhilaSUG newsletter



## Fall 2004 Meeting Announcement

### PhilaSUG Fall 2004 Meeting Wednesday, October 27<sup>th</sup>

**T**he Philadelphia Area SAS Users Group Fall Meeting will be on Wednesday, October 27, 2004 at 1:00 PM, and will be hosted by GlaxoSmithKline at their research and development center at 1250 South Collegeville Road, Collegeville PA 19426. A map and driving instructions are available later in the newsletter.



In order to gain access every non-GSK attendee must complete the **SECURITY SIGN-IN FORM** found on the PhilaSUG web site. GlaxoSmithKline requires that you do this by Oct. 20th. If you do not have web access send an email message

**TO:** registrar@PhilaSUG.org with the **SUBJECT:** Security, with the body of the message containing your name and company affiliation.

Registration will begin at 12:15 PM and the meeting will commence at 1 PM. Please try to arrive early to register. A tip for those who have not yet renewed their membership -- **to breeze thru meeting registration** -- you may print the membership form and bring it (completed) to the meeting. If it is more convenient you may instead attach a business card and check (made out to **PhilaSUG**) or cash. Dues for the year are \$20. There are no other fees for attending PhilaSUG meetings. We will accept cash, but a check is preferred. If you are a student and present a current matriculation card, fees will be waived. Registration can be made a lot easier if you attach a business card to a check or \$20 bill as there is less writing to do and it is more legible. Please do not mail in your registration fee before hand as this creates unnecessary paper work. Receipts will be available at registration time.

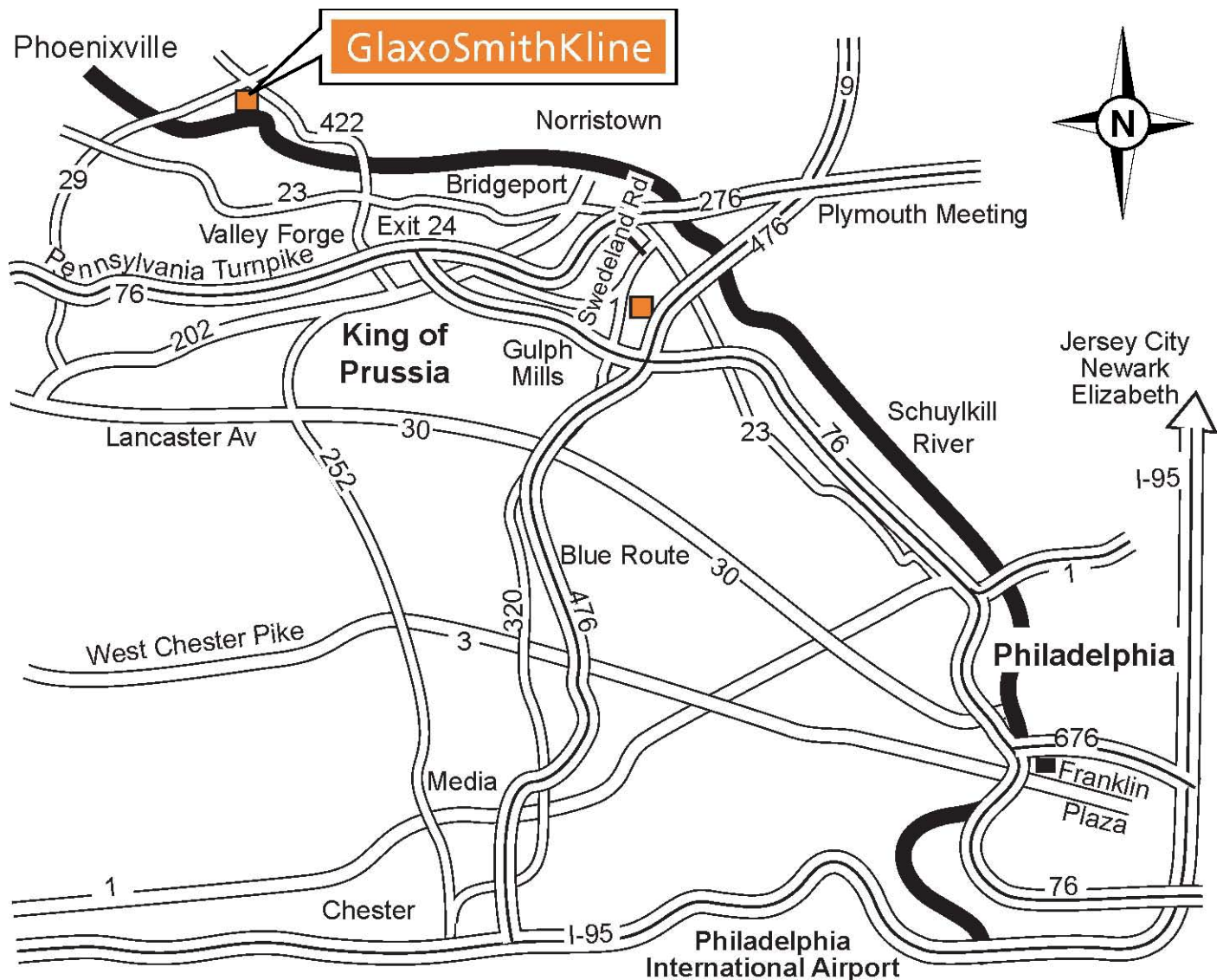
<b>PhilaSUG Fall Meeting</b>	
<b>GlaxoSmithKline</b>	
<b>1250 South Collegeville Road</b>	
<b>Collegeville, PA 19426</b>	
<b>12:15-1:00</b>	Registration, Posters and boxed lunch
<b>1:00-1:10</b>	Opening Remarks, Barry Cohen
<b>1:10-2:00</b>	Rick Langston, SAS Institute, will discuss new features in SAS Version 9
<b>2:05-2:35</b>	Pharmacokinetics Made Friendlier, Sarah Wheeler
<b>2:35-3:00</b>	Break, Posters, and refreshments
<b>3:00-3:15</b>	How to Quickly Customize your SAS Session, Mary Anne Rutkowski
<b>3:15-3:30</b>	Open Forum
<b>3:30-4:20</b>	SAS® Data Quality – Cleanse: Techniques for Merge/Purge, Michael Krumenaker

Posters will be on display throughout the meeting. Authors will be present alongside their posters during registration and the break for questions and discussions.

Abstracts and bios are found later in the newsletter.

The presenters and the PhilaSUG Executive Committee will adjourn for dinner at a nearby restaurant when the meeting concludes. You are invited to join us. The location will be announced at the meeting.

## Directions to Meeting Site



The GlaxoSmithKline Upper Providence site is located near the intersection of Routes 422 and 29, midway between Phoenixville and Collegeville, PA. From that intersection proceed south on Route 29. GlaxoSmithKline will be on the left.

**Parking:** You can park anywhere except 'Reserved Parking' or 'Medical Parking'.

**Location:** Auditorium, use the Auditorium (building 5) entrance.

## About Our Host



GlaxoSmithKline (GSK) is a world leading research-based pharmaceutical company with a powerful combination of

skills and resources that provides a platform for delivering strong growth in today's rapidly changing healthcare environment.

GSK's mission is to improve the quality of human life by enabling people to do more, feel better and live longer.

Headquartered in the UK and with operations based in the US, the new company is one of the industry leaders, with an estimated seven per cent of the world's pharmaceutical market.

The research and development centre at Upper Providence contains staff from Medical (including Data Management), Project management, Product strategy, Anti-infectives Research, Development, Pharmaceutical Technologies and Chemical Development, Support, Regulatory Affairs and Global Marketing. The site is the hub for the Microbial, Musculoskeletal and Proliferative Diseases CEDD and a satellite for the Respiratory, Inflammation and Respiratory Pathogens; and the Metabolic and Viral Diseases CEDDs.

## Thank You!

The PhilaSUG Executive Committee wishes to thank Patsy Harbour of SAS Institute's Executive and User Group Events team in arranging for our keynote speaker, Rick Langston, to come to PhilaSUG from SAS Worldwide Headquarters and for having this newsletter sent to SAS users in our area. The PhilaSUG Executive Committee wishes to thank Bob Schriver, Senior Director of Statistics and Programming at GlaxoSmithKline for providing this meeting space. In addition, we wish to thank Trish Pawelko, for making all of the site arrangements for this meeting. We also appreciate the assistance of Ellen Asam, Diane Foose and Donna Usavage for their efforts to coordinate this meeting.

## Host Sites Wanted

We continuously seek host sites for future PhilaSUG meetings. There is not a lot of work involved, and it is a great way to put your company on the local SAS map. We need your help with this. If your company would like to host a meeting, within reasonable geographic proximity to

Philadelphia, PhilaSUG would be grateful if you would contact Barry Cohen (610) 649-8701 or E-mail [President@PhilaSUG.org](mailto:President@PhilaSUG.org).

## E-mail Announcements

PhilaSUG-L is a low volume, announcement-only e-mail notification service provided free of charge to all members who wish to subscribe. In order to sign up for this service, you need only send a blank e-mail message to: [PhilaSUG-L-subscribe@onelist.com](mailto:PhilaSUG-L-subscribe@onelist.com). Note that you can subscribe as many times with as many different e-mail addresses as you wish to have the e-mail sent to; e.g., home and office.

## PhilaSUG Web Site

Our site on the World Wide Web always contains the latest information concerning upcoming meetings, SAS training and seminars, links to SAS related hot topics, and local SAS job opportunities.



Visit us regularly at: <http://www.PhilaSUG.org>

## PhilaSUG Executive Committee

Barry Cohen, President	(610) 649-8701
John Cohen, Membership	(302) 886-7083
Diane Foose, Secretary	(610) 917-7168
Robert Schechter, Web Master	(302) 885-5201
Ellen Asam	
Ellen Brookstein	(484) 679-2488
Max Cherny	
Lee Dodoo	(610) 834-5695
Timothy Kelly	
Jessica Lam	(484) 865-2633
Russell Lavery	
Robert Nicol	(215) 775-5813
Randy Noga	(609) 274-5219
Caryn Reape	(215) 328-2216
Terek Peterson	(610) 627-9436
Donna Usavage	
Perry Watts	

The PhilaSUG Executive Committee meets on an occasional basis, about six times per year. Please contact Barry Cohen, PhilaSUG President, about Executive Committee membership.

## Future Meetings and Events

## PhilaSUG Newsletter Soon to be Electronic Only



### Next PhilaSUG Meeting

Watch our web site for details as they become available

November 14 - 17



The PhilaSUG Executive Committee announces today that starting with the PhilaSUG Winter 2005 meeting our newsletter will only be available electronically. The newsletter will be available to all on our web site ([www.philasug.org](http://www.philasug.org)) as a PDF file that can be viewed online and printed locally if desired. We will continue to push meeting notices to all members of PhilaSUG-L and the notices will refer people to our web site for more meeting information. We strongly encourage people who are interested in PhilaSUG meetings and who have not yet joined PhilaSUG-L to do so. See the section of this newsletter titled "E-mail Announcements" for the simple instructions on how to join. There is also a section on the meeting registration form to join PhilaSUG-L, but you do not have to be a PhilaSUG member to join PhilaSUG-L.

## Paper Abstracts

### Working Title of:

**"What's New in SAS9" - an overview of the newest version of the SAS System**

*Rick Langston, SAS*



*Rick Langston is the manager of the Core Systems Department within the Platform R&D Division at SAS Institute. Rick's responsibilities include PROC FORMAT, format processing, date/time processing, licensing software, SAS/TOOLKIT Software, and managing the staff for supporting various core-level subsystems in the Base product.*

*He has delivered keynotes on various aspects of SAS to many regional and local SAS user group conferences in the past 10 years.*

*Rick has been a SAS user for 27 years, 24 of which have been with SAS Institute.*

## Pharmacokinetics Made Friendlier -

### A BRIEF INTRODUCTION FOR SAS PROGRAMMERS

Sarah Wheeler

Some clinical trial protocols include analysis of pharmacokinetic data as one of the objectives. Furthermore, a recent trend is to include pharmacokinetic data in the same relational database as the safety and efficacy variables rather than "house" PK data in a separate database (e.g., Excel).

The goals of this presentation are:

- To briefly discuss what pharmacokinetics ("PK") means and outline the most important concepts
- To discuss the types of data typically used in PK analyses
- To show an example of SAS code that presents the results of a simple PK study

*Sarah Wheeler is a "newly minted" SAS programmer, having recently completed the SAS Programming course at Philadelphia University. She has over 20 years' experience in the pharmaceutical and CRO industry as a clinical pharmacologist and medical writer.*

### How to Quickly Customize your SAS Session

Mary Anne Rutkowski, Merck & Company

Kathy Harkins, Merck & Company

It's easy to customize your PC SAS session! All you need is a Microsoft shortcut on your desktop. With a "double click" of the shortcut you will launch SAS with customized settings for system options, input and output libraries, and macro libraries. You can also define project parameters, formats, dates, and default values as well. In addition, the shortcut is easily shared and can be accessed by all your project team members.

*Mary Anne Rutkowski is currently Senior Statistical Programming Analyst at Merck & Company.*

*Kathy Harkins is currently Senior Statistical Programming Analyst at Merck & Company.*

## SAS® Data Quality – Cleanse: Techniques for Merge/Purge

Michael Krumenaker, Palisades Research, Inc.

George Bukhbinder, Palisades Research, Inc

The SAS System can perform merge/purge – the process of combining lists and removing or combining duplicate records based on fuzzy matching – with the functionality provided by SAS Data Quality-Cleanse ("SAS-DQ"). Match coding using SAS-DQ is both processor intensive and time consuming. In developing SAS programs for monthly merge/purge on hundreds of millions of records, we had to (1) significantly decrease processing time, and (2) combine partially overlapping duplicate groups based on various criteria, e.g., combining a duplicate group matching on name-address-zip with another group based on name-phone number where the two groups have one or more records in common (the records in both groups representing the exact same person or entity, but not matching exactly). To dramatically reduce processing time, we de-duplicated exact matches on first names and last names (respectively) without creating match codes, used Perl regular expressions to parse address strings in order to de-duplicate exact matches on street numbers and street names (respectively), and created new, separate string types - street number and street name - to replace the full street address for match coding. To increase the number of correct matches, we created an algorithm to identify partially overlapping duplicate groups.

*Michael Krumenaker has over six years as a full-time programmer in SAS, VBA and C++. Previously he put in 17 years in corporate finance, including application development in spreadsheets and databases. He is certified in SAS 8 and has extensive experience in SAS programming for data warehouse applications and Microsoft VBA. He has degrees in business (MBA - Columbia), law (JD - Vanderbilt, LLM - NYU), and chemistry (BS - Brooklyn), and has completed all courses for the MS in Computer Science at the New Jersey Institute of Technology. He has spoken at SUGI and NESUG*

*George Bukhbinder is President of Palisades Research, and a past speaker at SUGI, NESUG and PharmaSUG.*

## Poster Abstracts

### **Numerous Ways to Put the Number of Data Set Observations into a Macro Variable**

*Frederick Cieri, Planning Data Systems*

This poster will cover seven examples of how to put the number of data set observations into a macro variable.

This process is repeated increasing the observations in the data set by a factor of ten. The log of the process will be used to generate a table of programming time comparisons among the methods.

*Frederic Cieri has over eight years experience as a Clinical SAS programmer for the Pharmaceutical industry and is currently working as a contractor for Planning Data Systems. Frederic is a SAS Certified Professional Programmer and holds an MS degree in Statistics from Temple University.*

### **Handling SAS® Formats Catalogs across Versions**

*Karin LaPann, AstraZeneca*

This poster discusses the problems and solutions of migrating SAS catalogs across versions. It starts with SAS v 6.12 and cover SAS v.8.1 & 8.2 and the new release SAS v 9.1. It also describes the problems with moving from a 32 bit to a 64 bit system. A summary of the enhancements in catalogs from one version to the next is displayed in chart form.

The poster describes in graphical form which catalogs can be opened and/or created with newer versions. It also describes the constraints to moving catalogs to other platforms with cport and cimport.

Solutions are offered to the catalog dilemma; i.e., limit length of labels to the minimum backwards-compatible versions, create datasets out of format catalogs to store with the data.

*Karin has been a SAS programmer for 17 years. She has extensive experience programming in SAS and managing data for academic medical studies at University of Pennsylvania, and also at Temple University. Both efforts culminated with published papers in medical journals. She is currently a clinical data management programmer at AstraZeneca in Wilmington, Delaware. Karin earned an MSIS from Drexel University, College of Information Science and Technology in June 2001.*

### **Graphical Display of Data – A Nonparametric Approach**

*Shi-Tao Yeh, GlaxoSmithKline*

A nonparametric method does not depend on the specification of a probability distribution. Nonparametric methods are almost as powerful as parametric methods. SAS® software system provides several nonparametric methods and procedures to display your data in a graphics format.

The nonparametric methods discussed in this paper are: 1) histogram, 2) kernel density estimates, 3) cumulative density function, 4) box plots, 5) multivariate scatter plots, and 6) SAS 9.1 experimental ODS Graphics in KDE procedure. Some sample code and illustrations are also provided in the paper.

The SAS products used in this paper are SAS BASE®, SAS/STAT®, and SAS/GRAPH® on a UNIX® platform and the SAS System for Windows® V9.1.

*Shi-Tao Yeh is a principal programmer/analyst at GlaxoSmithKline. He has a Ph.D. degree from University of Pennsylvania and has been using SAS software since 1976. He has presented papers at SUGI, SEUGI, NESUG, PharmaSUG and local PhilaSUG meetings and has won numerous awards.*

Philadelphia Area SAS User Group (**PhilaSUG**)  
Membership Form

To speed through registration complete this form (please print) and return it to the registration desk of any PhilaSUG meeting (do **NOT** mail it). Checks should be made payable to PhilaSUG. Our membership year runs from Jan. 1 to Dec. 31.

This is a \_\_ new, \_\_ renewal or \_\_ update / correction.

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
City: \_\_\_\_\_ STATE: \_\_\_\_\_ Zip: \_\_\_\_\_  
Day Time Phone Number: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

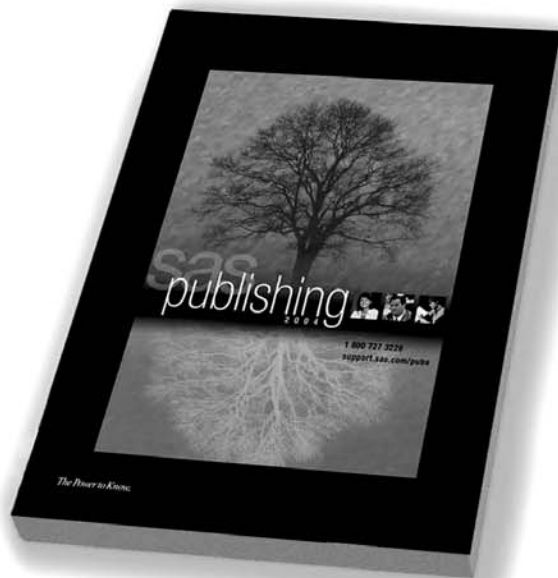
PhilaSUG-L is a low volume, announcement-only e-mail notification service provided free of charge. By subscribing you'll be notified of the latest information about upcoming events, especially meeting announcements. By listing your e-mail address below you will be added to the electronic mailing list, you can cancel at anytime.

E-mail: \_\_\_\_\_  
(Be sure to clearly distinguish a dash from an underscore)

For updates / corrections, please list your old / incorrect information below:

Save **20%** on SAS books while at the conference.\*

## Visit the SAS® Publishing Booth to learn more about...



- **New Books and New Upcoming Titles**
- **Books by Users™ Press** - users wrote them, users love them
- **SAS® Learning Edition** - discover the power of SAS and propel your career
- **SAS® Self-paced e-Learning** - bring SAS training directly to your desktop

SAS Publishing offers you a comprehensive library of documentation for every component of SAS software. Stop by the booth, place your order and receive a **20% discount** on your SAS documentation purchase. SAS staff will be on hand to answer any questions and to assist you with your order.

**Enjoy the conference!**



SAS Publishing

*The Power to Know.*

SAS and all other SAS Institute Inc. product and service names are registered trademarks or trademarks of SAS Institute Inc. in the USA and other countries. © indicates a USA registration.  
\* Certain restrictions apply. Please note that this offer does not apply to SAS Institute specialty items, SelectText, or the video-based training courses. No other discounts apply. 265646\_0104