

Genesee Valley SAS Users Group

Newsletter Special Edition Fall 2006

What: Genesee Valley SAS Users Group
Hands-On Workshops

When: Friday November 10th, 2006

Session I – 8:30 AM – 10:00 AM
Basic Statistics Using SAS®
Presented by Steven M. LaLonde, PhD

Session II – 10:30 AM – 12:00 PM
Logistic Regression Basics
Presented by Joe J Guido

Session III – 1:00 PM – 2:30 PM
SAS/GRAPH® for the Timid
Presented by Earl Westerlund

Who: All SAS Users

Where: R.I.T. John D. Hromi Center for Quality and Applied Statistics (CQAS). (See Map on Page 4)

Cost: Current GVSUG members – \$10 per class, \$25 for all three sessions (\$15 to renew membership)
Non-Members - \$20 per session

Register: www.gvsug.org

The **Genesee Valley SAS® Users Group (GVSUG)** cordially invites you and your colleagues to attend our first series of SAS® Hands-On-Workshops on Friday November 10, 2006 at R.I.T. and *The John D. Hromi Center for Quality and Applied Statistics (CQAS)*. A map and parking instructions are located on the last page.

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Join US

Don't miss out on GVSUG's first Hands-on-Workshops!

We will be holding three two-hour sessions of workshops at RIT, conducted by local experts, for only \$10 per session. The room has approximately 12 computers fully equipped with SAS version 9. Since we can put two people at each computer, each session will be limited to 25 people. . Online registration is now open soon so **don't delay**, you will be notified if the session you attempt to register for is sold out. You will find below is more information about the workshops and the speakers presenting them on the next pages. **Please note: if you received or won a complimentary certificate for these workshops, you MUST still register on-line to reserve your space.**

Hands On Workshops Abstracts

Session I – Basic Statistics Using SAS ®

When it was first released the name SAS was an acronym for the *Statistical Analysis System* and our first workshop will demonstrate why. This workshop will cover basic statistical procedures in SAS. Exercises will concentrate on using SAS procedures to compute basic summary statistics, inferential statistics, regression and analysis of variance. An introductory understanding of basic statistics and SAS will be assumed. !

Presented by Steven M. LaLonde, Ph.D. Steven LaLonde is an Assistant Professor at the John D. Hromi Center for Quality and Applied Statistics at the Rochester Institute of Technology. He is an expert in multivariate modeling, survey questionnaire design, psychometrics, survey sampling and market research.

Session II -- Logistic Regression Basics

What is regression? What's the difference between linear and logistic regression? When and how should I use them? While these are common questions when someone first encounters modeling procedures, there are very few sources which succinctly summarize the process for the SAS® system. After several years of teaching courses in the use of SAS/STAT® for public health data analysis, we developed a primer to quickly impart a working knowledge of logistic regression to our students. While logistic regression analyses may be performed using a variety of SAS® procedures (CATMOD, GENMOD, PROBIT, LOGISTIC and PHREG), this workshop focuses on the LOGISTIC procedure. A basic understanding of statistics (mean, median, mode, standard deviation, chi-square, t-test, etc) is useful but not absolutely necessary.

Presented by Joe J Guido. Joseph has over 20 years of experience using the SAS® System. He received his MS from the University of Rochester (New York) and is presently a Faculty member and a Statistical Lead Analyst / Programmer at the University of Rochester in the Department of Community and Preventive Medicine. He

*teaches graduate courses in Applied Statistics using the SAS® System. Joseph provides statistical consulting, programming and data analysis in the area of clinical trials and secondary data analysis. He is an executive committee member of the GVSUG. *Based in part on a paper entitled Logistic Regression Basics by Joseph J Guido, MS, Paul C Winters, MS and Adam B Rains, MSc which was presented at NESUG 2006*

Session III -- SAS/GRAPH® for the Timid

SAS/GRAPH is one of the foundation products of SAS, and an invaluable tool for anybody who needs to see the information in the data. Its procedures work the same way as any other procedure. But the number of procedures, statements and options available are so numerous – and, in many cases, cryptic – that many people become intimidated.

The purpose of this workshop is to provide a gentle introduction to SAS/GRAPH, with numerous examples to show how the fundamentals work. It is based on the following premises:

- If you can create a crosstab in PROC FREQ, you can create a plot in PROC GPLOT.
- If you can set a title or footnote, you can change the appearance of a graph line.
- If you can change the linesize of a listing, you can change the color of the title text.

This workshop is intended for those who have not used SAS/GPAPH, or those who have tried and given up in frustration.

Presented by Earl Westerlund. Earl has been using SAS since before SAS/GRAPH was invented. After 25 years in industry using SAS to help solve manufacturing, R&D and business research problems, Earl now works as a clinical database manager at the Clinical Trials Coordination Center, a unit of the Neurology Department at the University of Rochester Medical Center.

Directions to the Fall GVSUG Workshops

Our Fall Meeting is being held at the :
R•I•T John D. Hromi Center for Quality and Applied Statistics (CQAS).



From the Airport: Turn right onto Brooks Avenue, then a quick right onto I-390 South. From 390, take the next exit (Scottsville Road) and turn right at the end of the ramp. Drive for approximately three miles, then turn left onto Jefferson Road (Route 252). Proceed east a short distance to campus, RIT's main entrance will be on your right.

From the NYS Thruway: Take exit 46 and proceed north on I-390 to exit 13 (Hylan Drive). Take a left onto Hylan Dr. and continue north to Jefferson Road (Route 252), and take a left at the light. Proceed west a short distance to the main campus.

From the North: Take I-390 south to exit 13 (Hylan Drive). Take a right onto Hylan Dr. and continue north to Jefferson Road (Route 252), and take a left at the light. Proceed west a short distance to the main campus.

From the South: Take I-390 north to exit 13 (Hylan Drive). Take a left onto Hylan Dr. and continue north to Jefferson Road (Route 252), and take a left at the light. Proceed west a short distance to the main campus.

Once entering campus at the main entrance (indicated with a VERY large sign: "Rochester Institute of Technology, Founded 1829"), follow the signs to the Information Booth. The Campus Safety officer will issue you a visitor's pass and provide directions to **CQAS**. *The John D. Hromi Center for Quality and Applied Statistics (CQAS)* is located in **Building 14**, the **Hugh L. Carey Building**. Parking in Lot S is by permit only. So please, **make sure that you received the visitor's pass** as mentioned from the Security Gate at the main entrance.

About GVSUG

The Genesee Valley SAS Users Group (GVSUG) is a non-profit organization that promotes the use and sharing of ideas of SAS® software and to provide a forum that will give each member an opportunity to improve and develop their SAS skills.

Based in Rochester, NY, GVSUG is one of seventeen local user group affiliated with the regional Northeast SAS Users Group (NESUG).

At <http://www.gvsug.org>, you will find important and useful information such as

- Basic information and hot news about GVSUG itself along links to your favorite SAS web resources
- Advance notice of future meetings, with links for submission of abstracts if you would like to present a topic;
- Recaps of local, regional, and national meetings and conferences that our members have attended, such as NESUG and our summer picnic (with a photo album);;
- Postings about available SAS-related job openings;
- SAS tips and tricks contributed by members; and Speakers' presentations from recent meetings in electronic form.

You don't need to be a member to view most of the web pages, but the job postings, speakers' presentations, and SAS tips and tricks are in the Members Only area (link on the right side of the main page). If you're not a member, this is another good reason to join!

Wanted: Sponsors!

Do you think your company might be interested in advertising with GVSUG at a very reasonable rate? Different levels of sponsorship are available that include web space and hyperlinks on www.gvsug.org, ads in the newsletter, session sponsorship at the fall and/or spring meetings, or combinations of the above. For more information, contact Ken Borowiak at jsquare94@aol.com.

GVSUG Calendar of Upcoming SAS User Community Meetings

GVSUG Hands on Workshops	RIT Computer Lab	Friday, November 10 th 2006
GVSUG Spring Meeting	Location and Topics to be announced	For Updates Please Check WWW.GVSUG.ORG
SAS Global Forum 2007	Orlando, FLA - Walt Disney World Swan and Dolphin,	April 16-19, 2007
PHARMASUG 2007	Hyatt Regency Denver, Denver CO	June 4-6 2007
NESUG '07	Baltimore, MD - Renaissance Harborplace Hotel	November 11-14, 2007

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