

My experience at  
SAS **GLOBAL** FORUM 2009

Gaylord National Resort and  
Convention Center  
Washington, DC

March 22-25, 2009



GAYLORD NATIONAL  
RESORT & CONVENTION CENTER  
*on the Potomac*

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# SAS **GLOBAL** FORUM 2009

## What is SAS Global Forum?

- Annual conference planned and sponsored by SAS Global User's Group.
- A place for SAS User's to network, learn new tips and techniques and have fun.



# SAS GLOBAL FORUM 2009

## Who was there?

- 3,353 attendees.
- 25% of attendees from outside the US.
- Canadian attendees in the top 10.
- 29% of attendees were first timers.
- Industries represented:
  - Pharmaceutical
  - Financial services
  - Insurance
  - Banking
  - Computer software
  - Retail
  - Life sciences



# SAS GLOBAL FORUM 2009

## Sessions

- Applications Development
- Beyond the Basics
- BI Forum
- Coders' Corner
- Data Integration
- Data Mining and Predictive Modeling
- Demo Room
- Foundations and Fundamentals
- Hands-on workshops
- Industry Focused sessions
- Planning Development and Support
- Platform for SAS Business Analytics Overview
- Posters
- Reporting and Information Visualization
- Statistics and Data Analysis
- Systems Architecture
- SAS Workshop

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# SAS GLOBAL FORUM 2009

## The Canadian SAS User's Group Presidents Meeting

- SAS presentation on Discussion Forums.
- Create a private Discussion Forum for User Groups.
- Chance to meet the User Group presidents from across Canada and exchange ideas.
- Split into smaller groups to discuss needs for our individual user groups.

SAS Discussion Forums

## Welcome to the SAS Discussion Forums!

Share your questions and SAS successes with other SAS customers; pitch in and help someone solve a problem, or just read and learn. SAS employees will occasionally respond to your posts. However, you should not use the forums in place of [SAS Technical Support](#).  
 Keep up with [news from the Forums](#) on the Key Happenings blog.

Welcome, Guest  
[Login](#)  
[Guest Settings](#)

Search All Forums:

Forum / Category	Views	Threads / Messages	Last Post
<a href="#">SAS Procedures</a> Use this forum to find and offer help on general SAS procedures, such as FORMAT, MEANS, SQL, TABULATE, and so on.	70,977	937 / 3,103	Apr 28, 2009 7:06 PM by: <a href="#">data_null_1</a> >
<a href="#">SAS Statistical Procedures</a> Use the SAS Statistical Procedures discussion forum to share your questions, experiences, and thoughts on best practices using the SAS/STAT procedures and other statistical procedures in SAS. For questions regarding SAS software that require immediate technical assistance, please contact <a href="#">SAS Technical Support</a> .	990	20 / 50	Apr 28, 2009 3:29 PM by: <a href="#">John U</a> >
<a href="#">SAS Macro Facility, Data Step and SAS Language Elements</a> This forum consists of questions or ideas concerning SAS language elements such as the Macro facility, DATA step programming, using PROC SQL with Macro, SAS Options, etc.	42,692	567 / 2,480	Apr 28, 2009 4:52 PM by: <a href="#">yoba</a> >
<a href="#">ODS and Base Reporting</a> This forum consists of discussions that pertain to ODS (Output Delivery System) and Base reporting features (PRINT, TABULATE, and REPORT procedures).	108,939	1,057 / 3,983	Apr 28, 2009 5:41 PM by: <a href="#">Cynthia@sas</a> >
<a href="#">SAS Stored Processes</a> Welcome to the SAS Stored Process discussion forum. The purpose of this forum is to discuss the development and deployment of stored processes as stand-alone applications or integrated with the SAS Business Intelligence Server.	25,655	285 / 1,001	Apr 28, 2009 10:41 AM by: <a href="#">kevrow</a> >
<a href="#">SAS Enterprise Guide</a> Welcome to the SAS Enterprise Guide discussion forum! Share your experiences, questions and ideas with other SAS Enterprise Guide users.	80,547	1,092 / 3,549	Apr 28, 2009 4:18 PM by: <a href="#">yoba</a> >
<a href="#">Integration with Microsoft® Office</a> Welcome to the Integration with Microsoft Office Discussion Forum! Use this forum to share your questions, solutions, and needs relating to integrating SAS with Microsoft Office Applications.	22,103	153 / 490	Apr 17, 2009 12:35 PM by: <a href="#">Liz</a> >
<a href="#">JMP Software</a> Welcome to the JMP® software discussion forum. Use this forum to share your questions, ideas, and needs about the use of JMP software.	9,978	112 / 346	Apr 27, 2009 6:57 PM by: <a href="#">gerryA</a> >
<a href="#">SAS Forecasting</a> This forum is intended for users of SAS forecasting products (including SAS Forecast Server, High-Performance Forecasting, and SAS/ETS). Please use the forum to share your questions, experiences, and thoughts on both good and bad practices in using SAS forecasting software. Technical Support for SAS forecasting products is available using our <a href="#">online problem submission form</a> .	5,741	44 / 113	Apr 27, 2009 3:20 AM by: <a href="#">Ashutosh Kumar</a> >
<a href="#">SAS and Clinical Trials</a> Welcome to the Clinical Trials discussion forum! Please use this forum to share your questions, experiences, needs and ideas regarding SAS and the clinical trials process.	32,862	322 / 979	Apr 25, 2009 12:23 PM by: <a href="#">sbb</a> >
<a href="#">SAS in Health Care Related Fields</a> This forum is open to all SAS users in the Health Care industry who are using SAS software and solutions. Forum users are encouraged to pose questions and share best practices with their colleagues. If you have an urgent technical issue or one that requires attention by SAS Technical Support staff, <a href="#">submit your question to Technical Support</a> .	9,589	60 / 180	Apr 16, 2009 9:55 AM by: <a href="#">Marilyn</a> >
<a href="#">SAS/IML and SAS/IML Studio</a> Use the SAS/IML and SAS/IML Studio discussion forum to share your questions, experiences, and thoughts on best practices using the IML language as well as SAS/IML Studio (formerly named SAS Stat Studio). For questions regarding SAS software that require immediate technical assistance, please <a href="#">contact SAS Technical Support</a> .	198	3 / 4	Apr 28, 2009 11:34 AM by: <a href="#">Hutch@sas</a> >
<a href="#">Mathematical Optimization and Operations Research with SAS</a> This forum facilitates discussions of the use of SAS products and solutions to address business problems using optimization and more general operations research techniques. For questions requiring immediate technical	12,016	97 / 301	Apr 28, 2009 2:39 PM

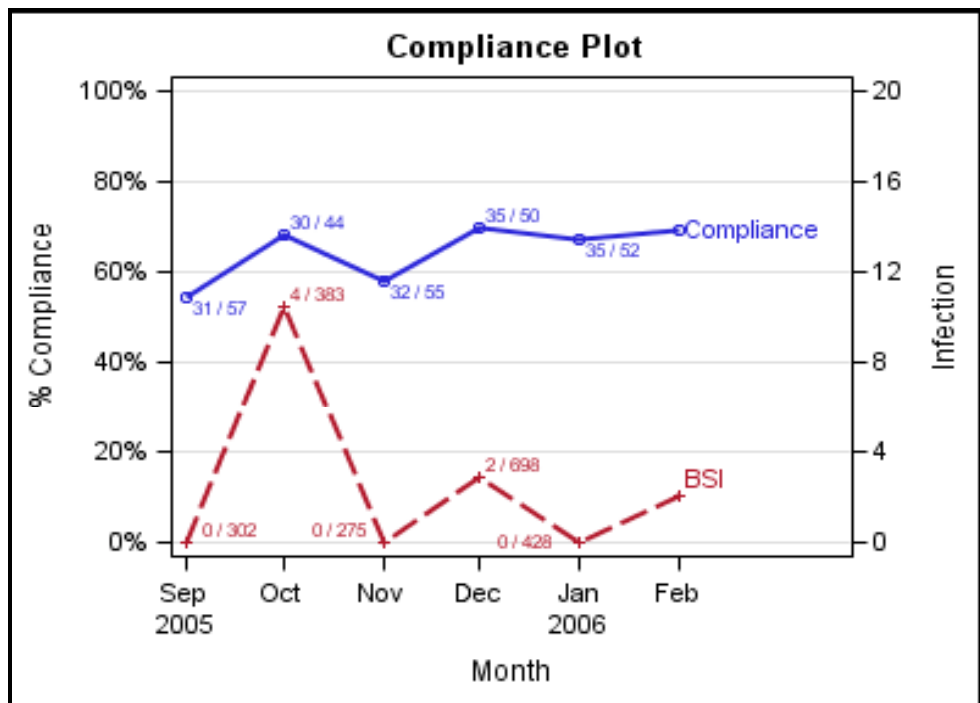
**Popular Forums**

- [SAS Procedures](#)  
 Messages: 3,103  
 Last message posted at:  
 Apr 28, 2009 7:06 PM
- [SAS Macro Facility, Data Step...](#)  
 Messages: 2,480  
 Last message posted at:  
 Apr 28, 2009 4:52 PM
- [Mathematical Optimization and...](#)  
 Messages: 301  
 Last message posted at:  
 Apr 28, 2009 2:39 PM
- [ODS and Base Reporting](#)  
 Messages: 3,983  
 Last message posted at:  
 Apr 28, 2009 5:41 PM

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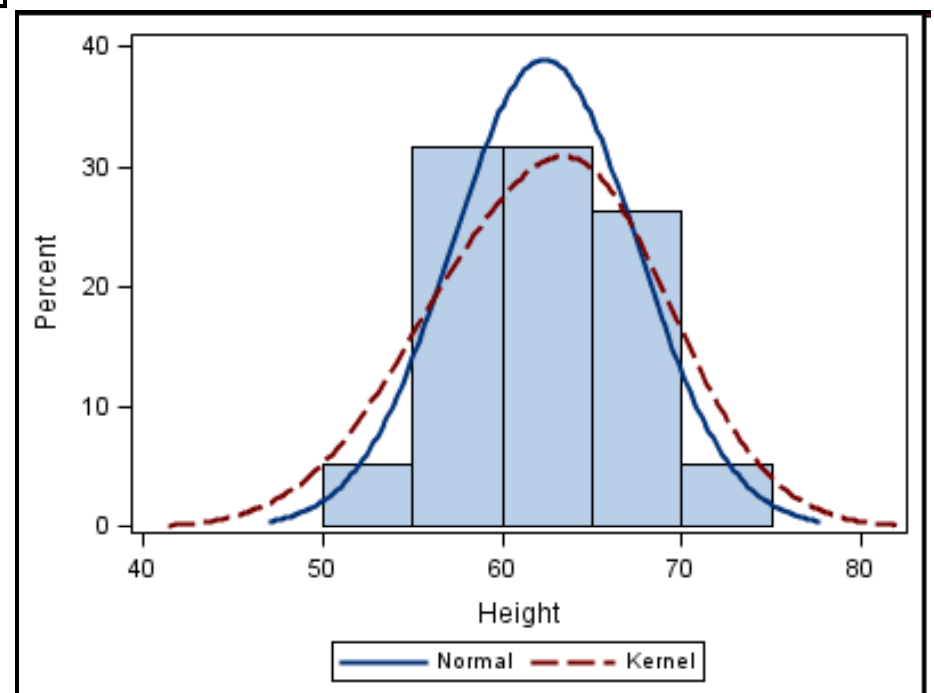
## **Paper 158-2009:** Delwiche, Lora; Slaughter, Susan *Using PROC SGPLOT for Quick High-Quality Graphs*

- New to SAS Version 9.2.
- Generate high quality graphs using SAS.
- Produce 15 different types of plots
  - Basic X, Y plots (scatter plots, series plots, band plots, needle plots, and vector plots).
  - Fit and confidence plots (loess curves, regression curves, penalized B-spline curves, and ellipses).
  - Distribution plots (histograms, box plots, and density curves).
  - Categorization plots (bar charts, dot plots, and bar-line charts).
- Graphs can be sent to ODS destinations and use ODS styles.



This is an example of two series plots that are overlaid in a single graph. Each plot is assigned to a different vertical axis. Data labels and curve labels have been added for direct reference.

This is an example of a graph that uses a histogram, a kernel density curve, and a normal density curve.



```
PROC SGPLOT < option(s)>;  
BAND X= variable | Y= variable  
UPPER= numeric-value | numeric-variable LOWER= numeric-value |  
numeric-variable  
</option(s)>;  
DENSITY response-variable </option(s)>;  
DOT category-variable </option(s)>;  
ELLIPSE X= numeric-variable Y= numeric-variable </option(s)>;  
HBAR category-variable </option(s)>;  
HBOX response-variable </option(s)>;  
HISTOGRAM response-variable </option(s)>;  
HLINE category-variable </option(s)>;  
INSET "text-string-1" <... "text-string-n"> | (label-list);  
KEYLEGEND <"name-1" ... "name-n"> </option(s)>;  
LOESS X= numeric-variable Y= numeric-variable </option(s)>;  
NEEDLE X= variable Y= numeric-variable </option(s)>;  
PBSPLINE X= numeric-variable Y= numeric-variable </option(s)>;  
REFLINE value(s) </option(s)>;  
REG X= numeric-variable Y= numeric-variable </option(s)>;  
SCATTER X= variable Y= variable </option(s)>;  
SERIES X= variable Y= variable </option(s)>;  
STEP X= variable Y= variable </option(s)>;  
VBAR category-variable </option(s)>;  
VBOX response-variable </option(s)>;  
VECTOR X= numeric-variable Y= numeric-variable </option(s)>;  
VLINE category-variable </option(s)>;  
XAXIS <option(s)>;  
X2AXIS <option(s)>;  
YAXIS <option(s)>;  
Y2AXIS <option(s)>;  
RUN;
```

# SAS GLOBAL FORUM 2009

- Conference proceedings can be found at:
  - <http://support.sas.com/resources/papers/proceedings09/TOC.html>
- Other helpful references:
  - <http://support.sas.com/>
  - [www.sascommunity.org](http://www.sascommunity.org)



# SAS GLOBAL FORUM 2010

- April 11 -14, 2010
- Seattle, Washington
- Washington State Trade and Convention Center
- Call for papers this summer



THANK YOU!

