BASUG.org
BOSTON AREA SAS® USERS GROUP

BASUG Meeting Announcement

After the meeting, we will provide an informal light buffet lunch for all attendees. We hope you can stay for this opportunity to network and socialize with your fellow SAS users.
Please join us for these informative talks, and consider staying for the afternoon class (http://www.basug.org/events/t201506.htm) (separate event), taught by Rodney X. Sturdivant.

Topic	**Annual Stats Meeting**
When	Wednesday, June 17th, 2015 8:15AM - Noon
Where	Microsoft New England Research & Development Center (NERD) [1] One Memorial Drive Cambridge MA 857-453-6000
Directions	Please visit the meeting site directions page (http://microsoftnewengland.com/About)
How to Register	Individual, on-line registration required. Sorry, NO WALK-INs. Register Now! (http://www.basug.org/index.php?p=eventreg)
Payment	$10 -- if paid on-line by Monday, June 8, 2015 $15 -- if paid on-line by NOON on Tuesday, June 16, 2015 $20 -- at the door (checks only)
Contact	If you have questions about the meeting, please contact the meeting organizers (mailto:bberszoner@rcn.com)

Agenda*

Time	**Activity**
8:15AM	Sign-in and Refreshments
8:45AM	Announcements
9:00AM	**"A High-Scoring Introduction to Survival Analysis Methods"**, by Rodney X. Sturdivant, Ph.D., The Ohio State University

Time	Activity
10:15AM	Break
10:30AM	**"Power Analysis and SAS"**, by Russell Lavery, Independent contractor
Noon	Networking Lunch

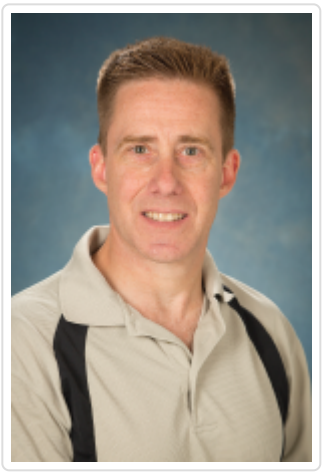
[*] *Note: Times (and sequence) are approximate and subject to change. Please re-visit the BASUG website (http://www.basug.org/index.php) for updated information.*

Abstracts and Speaker Biographies

"A High-Scoring Introduction to Survival Analysis Methods", by Rodney X. Sturdivant, Ph.D. (co-author: Mike Huber, Muhlenberg College)

An exciting element of baseball is when a rare event, such as a triple play, perfect game or hitting for the cycle occurs. We developed a model for one such event: a team scoring 20 or more runs in a game. We use this example to illustrate survival analysis techniques including non-parametric estimation and parametric regression models, and demonstrate advantages of this modeling framework for rare event data analysis.

Rod Sturdivant, Ph.D. (http://cph.osu.edu/people/rsturdivant) is an Associate Professor of Clinical Public Health in the Biostatistics Division of the College of Public Health at The Ohio State University. He assumed this position in 2013 after a distinguished 27-year career as an officer in the U.S. Army, retiring as a Colonel. Dr. Sturdivant holds master's degrees in statistics and in operations research from Stanford and a Ph.D. in biostatistics from the University of Massachusetts – Amherst. He was selected as an Academy Professor in the Department of Mathematical Sciences at the United States Military Academy, West Point where he completed his military service. He has numerous publications, presentations and workshops involving math and statistics education and is co-principal investigator on a National Science Foundation (NSF) grant to develop resources for undergraduate statistics courses. He is co-author of the popular text: Applied Logistic Regression, 3rd Edition (http://www.amazon.com/Applied-Logistic-Regression-David-Hosmer/dp/0470582472/ref=sr_1_1?s=books&ie=UTF8&qid=1430504561&sr=1-1) (Wiley, 2013) by Hosmer, D.W., Lemeshow, S. and Sturdivant, R. X. Rod enjoys playing the violin in his spare time, recently joining the Central Ohio Symphony Orchestra.



"Power Analysis and SAS", by Russell Lavery

This talk has two parts. The first half will explain the logic of statistical power analysis and the importance of alpha, power, N and effect size in basic power analysis. The second half will explain and give examples of doing power analysis in Proc Power and Proc GLMPower. The seminar has two goals. The first is to help attendees understand the logic of power analysis. The second is to provide examples of doing power analysis in SAS so that attendees can use the seminar examples and code as starting points in their own work.

Russ Lavery (http://www.russ-lavery.com) is a contractor living outside Philadelphia who has programmed in SAS for thirty years. He has given over sixty presentations (SAS, Statistics and Data Mining) at SAS User Groups and has won multiple “best paper awards.” He has been technical reviewer for five books by SAS Press and recently returned from teaching SAS in China.

BASUG Contacts

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[1] The Microsoft New England Research & Development Center (NERD) is a research and software innovation campus located in the heart of Cambridge, Massachusetts. The NERD vertical campus spans two buildings with its primary presence and conference center located at One Memorial Drive and a recently renovated and expanded space located at One Cambridge Center. NERD is home to some of Microsoft's most strategic teams including Microsoft Research New England, Microsoft Application Virtualization (App-V), SharePoint Workspace, Microsoft Technical Computing, Microsoft Advertising, Microsoft Lync, Microsoft Office 365 and more. NERD has become a hub of activity for the local tech community and has hosted more than 500 events and welcomed more than 40,000 visitors during the past two years.