



## BASUG Half-Day Training Announcement

*BASUG is hosting an informal light buffet lunch {between the morning and afternoon sessions / prior to the training}. We hope you can join us for this opportunity to network and socialize with your fellow SAS users.*

*Please join us for this informative training, and consider coming to our morning quarterly meeting (<http://www.basug.org/events/b201506.htm>) as well (separate event).*

<b>Course Title</b>	<b>"Applied Survival Analysis"</b>
Summary	Practical training for biostatisticians and professionals of related disciplines in statistical modeling of time-to-event data (please see detailed topics below).
Instructor	Rodney X. Sturdivant, Ph.D. The Ohio State University, Columbus OH
When	Wednesday, June 17th, 2015 1:00PM - 5:00PM
Where	Microsoft New England Research & Development Center (NERD) <sup>1</sup> One Memorial Drive Cambridge MA 857-453-6000
Directions	Please visit the meeting site directions page ( <a href="http://microsoftnewengland.com/About">http://microsoftnewengland.com/About</a> )
Price	\$155 -- if paid online by June 8th, 2015 \$180 -- if paid online before NOON on June 16th, 2015 \$195 -- at-the-door (check only) (Please see details below)
Audience / Prerequisites	<i>Audience:</i> SAS users at all levels will benefit from this course. It is an essential course for anyone who needs to model time-to-event data. <i>Prerequisites:</i> An introductory knowledge of statistics
Benefits	Attendees will come away with a greater understanding of survival analysis
How to Register	Individual, on-line registration required. Pre-payment guarantees you a seat and handouts. <a href="http://www.basug.org/index.php?p=eventreg">Register Now! (http://www.basug.org/index.php?p=eventreg)</a>

<b>Course Title</b>	<b>"Applied Survival Analysis"</b>
Contact	If you have questions about the course, please contact the training coordinators (mailto:bberszoner@rcn.com)

## Course Description

The aim of this course is to provide theoretical and practical training for biostatisticians and professionals of related disciplines in statistical modeling of time-to-event data. This data is common in many fields and in the health sciences. The course will cover introductory topics in analyzing time-to-event data including censoring, visualizing time-to-event data, non-parametric estimation and comparison of survival functions. Also covered will be an introduction to the basic semi-parametric regression model for time-to-event with a discussion of model fitting, interpretation and assessment.

## Course Topics

### 1. Introduction to survival analysis

Survival analysis data  
Descriptive methods  
Comparison of survival functions

### 2. Regression modeling of survival data

Fitting the Cox proportional hazards model  
Interpretation of the fitted model  
Model building strategies  
Assessing model adequacy

## Instructor Biography

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](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.



## Training Registration and Payment Instructions

*Please read this ENTIRE section carefully!*

Pricing	<p><b>\$155 -- if paid online by June 8th, 2015</b>  <b>\$180 -- if paid online before NOON on June 16th, 2015</b>  <b>\$195 -- at-the-door (check only)</b></p>
Register	<p>INDIVIDUAL, ON-LINE REGISTRATION IS REQUIRED          You must register for this training (even if you plan to pay by check). To register and purchase tickets for the class please visit the event registration page (<a href="http://www.basug.org/index.php?p=eventreg">http://www.basug.org/index.php?p=eventreg</a>).          Please register early! Seating and handouts are guaranteed only for pre-paid registrants.</p>
Payment Methods	<p><b>Credit Card:</b> We urge you to pay by credit card, using our online system. Make sure to purchase your ticket by June 8th to get the early-bird price.  <b>Check: Do NOT mail a check to us prior to the workshop.</b> Pre-register online, and bring a check with you for the at-the-door-price.          Full payment is due by the day of the class. There will be NO EXCEPTIONS. We never accept cash. We <i>do</i> accept credit card payments through our online registration service.</p>
Refund Policy	<p>To receive a refund for the training, please send an email to our training coordinators (<a href="mailto:bberszoner@rcn.com">mailto:bberszoner@rcn.com</a>) by 5PM on June 8th. After this date, we will refund your payment (less a \$10 processing fee) only if we can fill your seat with other attendees.</p>

### BASUG Contacts

Mailing Address:

BASUG  
 PO Box 170253  
 Boston MA 02117

Email Our Webmaster (<mailto:basugwm@basug.org>)

<sup>1</sup> *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.*