
22st Annual Summer Workshop Meeting Registration Form

Northeastern Illinois Chapter
American Statistical Association

Bayesian Clinical Trials

Presented by Scott M. Berry, Berry Consultants, College Station, TX

DATE: Thursday, June 22, 2006, 8:30am – 4:30pm.

LOCATION: Renaissance Chicago North Shore
933 Skokie Boulevard, Northbrook, Illinois 60062
(847) 498-6500

RESERVATIONS: Advance reservations are required and must be received by 4 p.m. Thursday, June 15th, 2006. Cancellations cannot be accepted after this date, and "no shows" will be billed.

ATTIRE: Business Casual.

FEES:

	Member	Non-Member
Regular	\$120.00	\$125.00
Academic	\$100.00	\$105.00
Student	\$35.00	\$36.00

Since membership is held on a calendar year basis, if you have not expressly joined the Chapter this year, you should pay the non-member rate. Doing so will make you a member for 2006.

PAYMENT: Make checks payable to: Northeastern Illinois Chapter, ASA

REGISTRATION: Please mail, e-mail, or fax (no call-ins) the registration form to:

Jimmy Sun	Phone: (847) 937-9776
D-07B2 AP5N	Fax: (847) 935-3320
Abbott Laboratories	Email: jimmy.sun@abbott.com
100 Abbott Park Road	
Abbott Park, IL 60064-3500	

PROGRAM:

8:30 – 9:00	Registration
9:00 – 10:20	Workshop
10:20 – 10:40	Break
10:40 – 12:00	Workshop
12:00 – 1:10	Luncheon
1:10 – 2:30	Workshop
2:30 – 2:50	Break
2:50 – 4:30	Workshop

NORTHEASTERN ILLINOIS CHAPTER MEETING REGISTRATION/MEMBERSHIP DUES

Name _____

Company _____ Department _____

Street Address _____ Work ____ Home ____

Telephone (____) _____ Work ____ Home ____ E-mail address _____

I will not be attending the meeting and am enclosing my ____ Membership Dues Only.

2005 NIC/ASA member prior to this registration? (See FEES for details) ____ Yes ____ No

Circle one of the following: (1) Regular (Corp./Govt.); (2) Academic (Univ./H.S.); (3) Full-Time Student

Tax Identification Number 52-1665956

DIRECTIONS TO THE MEETING

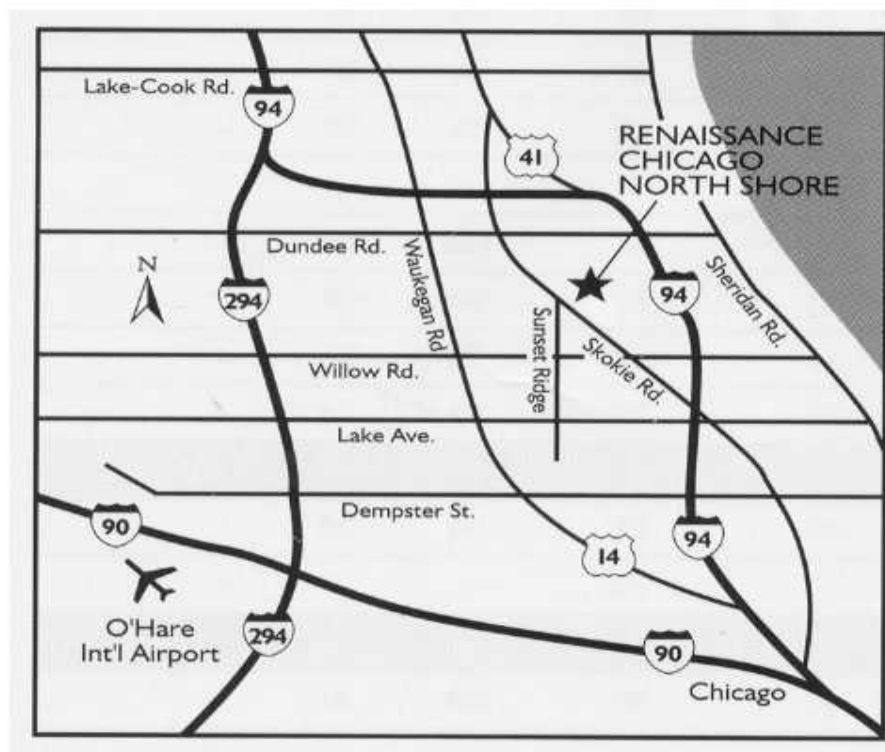
Location: **Renaissance Chicago North Shore**
933 Skokie Boulevard, Northbrook, Illinois 60062
(847) 498-6500.

From O'Hare: Take I-90 to I-294 North to Willow Road. Exit Willow Rd. East (turn right) to Sunset Ridge Rd. (4.5 miles). Turn left on Sunset Ridge Road. Go two miles to the end of street. Renaissance Chicago North Shore Hotel is in front of Stop Light.

From Chicago: Take I-94 North to the Edens Expressway. Exit Dundee Road West. Turn left on Skokie Boulevard. Hotel is one block South on the Left.

From the North: Take I-94 South (stay in the two left lanes while approaching I-94/I-294 [sign says "94 East to Chicago Edens Expressway."]) Exit I-94 at Waukegan Road and turn right. Go to Dundee Road. Turn left then turn right on Skokie Boulevard. Hotel is on the left.

Alternative directions can be obtained at www.mapquest.com.



22nd Annual Summer Workshop

Bayesian Clinical Trials

Recent Bayesian innovations in the design and analysis of clinical trials will be described. The goals are (i) more efficient clinical trials and clinical development programs, and (ii) treating patients more effectively, both those in and those outside of trials. Background will also be provided on Bayesian designs for clinical trials and several case studies of the Bayesian adaptive approach used in actual designs and analyses presented to the FDA will be given. These examples include the possibility of early stopping, seamless phases II and III trials with sequential sampling, using early endpoints to guide sample size and early stopping, and adaptive dose finding. The cost savings of such an approach are usually substantial. The only prerequisite knowledge necessary is a basic understanding of statistics and of clinical trials.

Outline of the Presentation

- Introduction to Bayesian Ideas
 - o Posterior Distribution
 - o Predictive Distribution
 - o Simulation
- o Case Studies
 - o Sequential design examples
 - o Dose finding example
 - o Seamless phase II & III
 - o Modeling early endpoints
- o Discussion
 - o FDA response
 - o Industry response

Learning Outcomes

The course is designed for two purposes. The first is to inform attendees of the Bayesian approach to the design of clinical trials. They will learn new methods for conducting better clinical trials. The hope is that a general knowledge of these new methods with the general issues will be understood. The second purpose is to provide enough detail that someone involved in the design of clinical trials could conduct a Bayesian clinical trial.

Scott Berry
Berry Consultants
College Station, TX

J Scott M. Berry, received his PhD from Carnegie Mellon (1994) and his BS from the University of Minnesota (1990). He spent 5 years at Texas A&M University in the Statistics Department. The last six years he has been consulting for Berry Consultants, where he has designed more than 25 purely Bayesian clinical trials for pharmaceutical and medical device companies. He leads the statistical aspects of these trials as well as writing the software and doing the modeling needed.

~ Coleen M. Hall

President's Report

For our Spring Meeting held in March of this year we were fortunate to have 4 presentations from the statistical software companies, STATA, Splus, SPSS, and SAS. Many thanks to Melvin Munsaka for arranging to have these 4 companies present to our chapter, and to the volunteers that helped make the day 'run smoothly'.

Attention all students! The registration desk for this year's summer workshop is in need of volunteers. The registration fee will be waived and a seat will be reserved for any student who would like to help with the registration process.

During the Fall Meeting to be held in October of this year we will be electing the chapter officials for 2007. If you are interested in serving the chapter or would like to nominate someone for a position in the chapter please feel free to contact me at isaacson@webbwrites.com

Also during the Fall Meeting, we will be recognizing Domenic Reda, Carole Bernett, Anita Ross, and Donna Kowalski for their outstanding service to the chapter.

I hope to see you at the summer workshop.

~ Jeff Isaacson

Summer Workshop

The summer workshop meeting will be held on June 22, 2006, at the Renaissance Chicago North Shore, 933 Skokie Boulevard, Northbrook, IL 60062. The telephone number is 847-498-6500. Directions to the hotel are available at www.mapquest.com.

If you have special needs, please contact:

Carolyn Firszt
(847) 937-5816
carolyn.firszt@abbott.com

Chapter Website

Don't forget to visit our Chapter web page at <http://www.amstat.org/chapters/NortheasternIllinois>. The website has lots of information about our Chapter, including events, program information, and contact information for Chapter officers and committee members. You can also peruse PDF versions of current and past Chapter newsletters. Finally, if the speaker provides them, slides/notes from previous presentations are available to view or download.

~ Michelle Olds

Employment Opportunities

Statistician/Statistical Programmer

Two positions at a Non-Profit Organization are available. The responsibilities include: providing support for research design, implementation, coordination, data collection and processing, and statistical analysis of multi-site clinical trials involving drugs, devices, and treatment methodologies. Extensive knowledge of SAS required. Requirements: MS in Biostatistics or Statistics + 2 year experience. Mon-Fri, 8:00 a.m.-4:30 p.m. 40 hrs/wk, \$55,000/yr. Send resume to: CARES, 5th Ave. & Roosevelt Rd., Bldg. 1, Rm. C-347, Hines, IL 60141, Attn: Cindy M. Reutzel

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The Chapter's purpose, as stated in its Constitution, is "to foster statistics and its applications and promote the interests of the statistical profession...". Accordingly, diverse views are presented. They do not necessarily reflect the opinions of the officers or the policies of the Chapter.
