

September 23rd presentation by Borko D Jovanovic, PhD, Research Associate Professor of Preventive Medicine, The Feinberg School of Medicine, Northwestern University

Prostate cancer and variability in gene arrays: false positives and false negatives

The Chicago chapter of the American Statistical Association is pleased to have Borko Jovanovic as the luncheon speaker on Tuesday, September 23rd, 2003, at 12:00 noon.

Abstract: The presentation focuses on results obtained from over 3,582 genes observed 11 times under 3 conditions, for the PC3-M (highly metastatic) cell line. Coefficients of variation and log-normal distribution for underlying gene intensities will be examined. The speaker will describe the epidemiologic, basic science and clinical investigation pathway followed by Dr. Bergan and his group at Northwestern University based at the R.H. Lurie Comprehensive Cancer Center. The effect of standardization of gene intensities on false positive and false negative rates will also be discussed, with a view of similar studies in the future.

Borko D. Jovanovic holds a B.S. degree in Statistics, an M.S. degree in Applied Mathematics and a Ph.D. degree in Biostatistics. He received his doctorate in 1991, from University of Massachusetts at Amherst, focusing on efficient variable subset selection in Generalized Linear Models. At the University of Massachusetts he worked under David Hosmer and Stanley Lemeshaw.

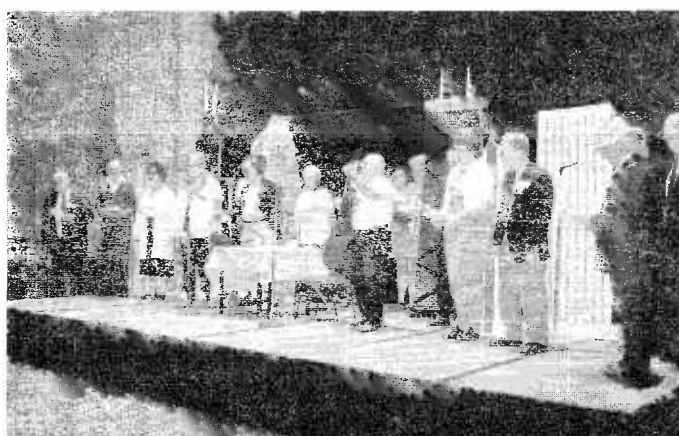
His research interests are in clinical trials, rare events, Meta-analysis, analysis of micro-array data in genetics and in communication of statistical ideas. He is presently Research Associate Professor of Preventive Medicine, The Feinberg School of Medicine, Northwestern University,

and divides his time equally between the General Clinical Research Center (GCRC), where he is a member of the Scientific Advisory Committee, and the Robert H. Lurie Comprehensive Cancer Center where he serves on the Clinical Protocol Scientific Review Monitoring Committee and on the Data Monitoring Committee. In addition, Dr. Jovanovic is a Biostatistician in the Special Program in Research Excellence (SPORE) in Prostate Cancer at the R.H. Lurie Comprehensive Cancer Center of Northwestern University. Since 1980, he has authored or co-authored over 50 scientific articles. For more recent publications, see <http://www.nums.northwestern.edu/prevmed/html/jovanovic.htm>

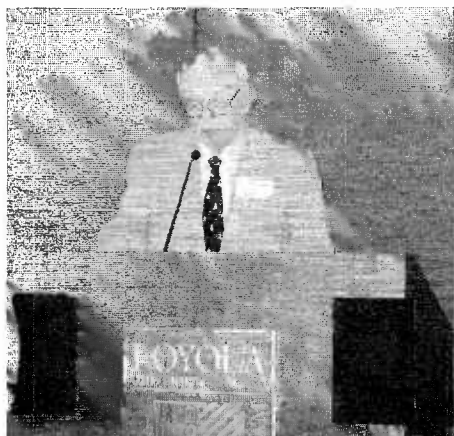
The luncheon will be held at the East Bank Club, 500 N. Kingsbury, Chicago on Tuesday, September 23rd, at 12 noon. Registration begins at 11:45 am. The luncheons usually go from noon to approximately 1 to 1:30 pm. The cost is \$25 for Chicago Chapter ASA members, \$30 for nonmembers. Reservations for the luncheon can be made before Saturday, September 20, by contacting Borko Jovanovic at 312-503-2008 or via email (preferred) to borko@northwestern.edu. Please include your name and telephone number in all messages. If you make a reservation but are unable to attend, Borko must receive your cancellation by 9 am Monday, September 22nd. Otherwise, we must ask that you pay, as the Chapter is liable for all meals ordered. As usual, the Lucile Derrick Fund will purchase a limited number of tickets for students who wish to attend.

75th Anniversary Show Uncertain Comedy

held on Thursday, May 8th
at the Chicago Marriott Hotel



Frederick Mosteller received the
Statistical Advocacy Award of the
Chicago
Chapter
of the
American
Statistical
Association



Schedule of Events

2003-2004

Chicago Chapter of the American Statistical Association

September, 2003

Board Meeting-9/9

PARAMETER Deadline-9/12

Luncheon-9/23

October, 2003

Board Meeting-10/14 at 4:30 PM

PARAMETER Deadline-10/17

Statistician of the Year-10/14

Luncheon-10/28

November, 2003

Board Meeting-11/11

PARAMETER Deadline-11/14

Luncheon-11/18

December, 2003

Board Meeting-12/9

PARAMETER Deadline-12/12

Luncheon-12/16

January, 2004

Board Meeting-1/13

PARAMETER Deadline-1/16

Luncheon-1/27

February, 2004

Board Meeting-2/10

PARAMETER Deadline-2/13

Luncheon-2/24

Career Fair-TBD

March, 2004

Board Meeting-3/9

PARAMETER Deadline-3/12

Luncheon-3/23

April, 2004

Board Meeting-4/13

PARAMETER Deadline-4/16

uncheon-4/27

May, 2004

Board Meeting-5/11

PARAMETER Deadline-5/14

Luncheon-5/25

Conference-TBD

Statistical Advocate Award-TBD

Alan Agresti Named Statistician of the Year



The Chicago Chapter of the American Statistical Association is pleased to announce that Alan Agresti, Ph.D., has been named the Statistician of the Year for 2003.

Distinguished Professor of Statistics at the University of Florida, Professor Agresti earned his bachelor's degree at the University of Rochester, and his doctorate at the University of Wisconsin. He received an Honorary Doctor of Science from Montfort University, U.K., and he is a Fellow of the American Statistical Association.

Professor Agresti's primary research interests are in categorical data analysis. Most recently he has worked on small sample confidence intervals for binomial proportions and odds ratios, and models for repeated categorical responses. His most recent book is "Categorical Data Analysis" (2nd edition, Wiley, 2002).

Professor Agresti devotes significant time and energy to statistical education, particularly the presentation of statistical ideas to non-statisticians. An award-winning author of books and numerous articles, Professor Agresti has lectured throughout the United States, Central and South America, Europe and Asia. Recognition of his contribution to statistical education includes the 1995 outstanding teaching award winner at University of Florida, and the 2002 award for Excellence in Continuing Education from the ASA for his tutorial "Analysis of repeated categorical measurement data", presented at the 2002 Joint Statistical Meetings. In addition, he is Principal Investigator on research grants from the National Institutes of Health and the National Science Foundation.

The ASA Chicago Chapter Statistician of the Year program is an annual recognition of a professional statistician and his or her work. A nominating committee selects several candidates, with the final selection made

by past recipients of the award. Tradition holds that the award recipient present a luncheon or dinner address. Professor Agresti will receive his award and speak on "Binomial Confidence Intervals" at a dinner in his honor on Tuesday, October 14. The dinner will be held at the East Bank Club, 500 N. Kingsbury, Chicago. Registration begins at 5:30pm, with dinner at 6:30pm. The cost is \$35 for Chicago Chapter ASA members and spouses, \$40 for non-members. Reservations for the dinner can be made before Friday, October 10, by contacting Dan Hayes at 312-466-8673 or via email to: dhayes@transunion.com (Please use the subject - Statistician of the Year Award Dinner). Please include your name and telephone number in all messages. If you make a reservation but are unable to attend, Dan must receive your cancellation by 9 am on Monday, October 13. Otherwise, we must ask you to pay, as the Chapter is liable for all meals ordered. As usual, the Lucile Derrick Fund will purchase a limited number of tickets for students who wish to attend.



**AMERICAN STATISTICAL ASSOCIATION
CHICAGO CHAPTER**

P.O. Box 7259
Chicago, IL 60680



Positions Available

Associate Project Director, Statistical Healthcare Research

The Joint Commission (JCAHO) located in Oakbrook Terrace, IL is looking for a professional with a health care statistical background to conduct statistical programming and data analysis activities associated with the identification and evaluation of measures and/or performance measurements systems. Other duties include design, development and implementation of statistical methods and algorithms, and maintain research databases.

Requirements include a Master's Degree in statistics with five or more years of technical or statistical programming experience in a health care environment including two years of SAS programming. Excellent benefits package. Submit resume to jfjobs@jcaho.org or fax to 630 792-5617. Website is www.jcaho.org and contact is Joyce Faulkner at 630 792-5628.

Senior Research Manager – Chicago

New Subsidiary of \$1.4 Bank Holding Co.

Requires 3-5 years research experience in Banking, Retail, Real Estate or Marketing Information/Consulting industry, including knowledge/exp with common methods (regression, cluster analysis, spatial interaction) and any statistical software packages (SAS, Stata, SPSS, S-Plus). Expertise in GIS a+. MS, PhD or equivalent in Sociology, Demography, Geography, Economics, Statistics, Market Research or related fields. Exp interpreting a wide variety of economic, demographic, geographic and

marketing data necessary. Familiarity with network optimization, survey research, customer segmentation & analysis and project management skills with an analytical team are essential. Email Fran@cmconsult.com

Join one of the fastest growing retailers - Kohl's Department Stores (Corporate Headquarters-Menomonee Falls, WI). As the Consumer Research Manager, you can design, implement and communicate our annual consumer research plan; conduct primary marketing research; interact with internal departments to apply customer insights to business decisions. Make a difference!

Visit www.kohlscareers.com for more details.

Editor: Peggy Chandler

(312) 996-5801

PARAMETER, newsletter of the Chicago Chapter of the American Statistical Association, is published 10 times a year as a service to its members. To submit material for publication, contact the Editor, Peggy Chandler, email pchandlr@uic.edu.

PARAMETER provides a job listing service by publishing Positions Available and Positions Wanted, the latter being free to Chapter members. Contact the Editor for more information.

For additional information about Chicago Chapter ASA, please visit our World Wide Web site www.ChicagoASA.org. Also, visit the National ASA web site www.amstat.org.

Email change of address to:

John.VanderPloeg@chi.leoburnett.com