



WSS NEWS

May 2010

WASHINGTON
STATISTICAL
SOCIETY

Announcement of the 2010 WSS Election

The 2010 WSS election will be held online. Instructions on voting will be sent to members. Below are the candidates for this year's election. All WSS members are urged to vote once the balloting begins. The results will be announced at the WSS Annual Dinner on June 10, 2010.

Candidates for President (select one)

Jonaki Bose, SAMHSA

Jonaki Bose is a survey methodologist at the Office of Applied Sciences in the Substance Abuse and Mental Health Services Administration, Department of Health and Human Services. Prior to that she worked as a statistician at the Bureau of Transportation Statistics and the National Center for Education Statistics. She received her Masters from the Joint Program in Survey Methodology (statistical concentration) at the University of Maryland. Her research interests are varied and include confidentiality and disclosure issues, nonresponse bias, data quality and measurement error.

Jonaki is a long-time member of the WSS Board and has served as the Data Collections Chair, Methodology Chair and is the current Council of Chapters Representative to ASA. She has also served in various capacities within the American Statistical Association (ASA)-as the 2004 Social Statistics Section Program Chair; the 2008-09 Survey Research Methods Section Secretary; and is the Chair of the ASA Survey Review Committee. She is also the chair of the interagency Confidentiality and Data Access Committee.

John Dixon, BLS

John Dixon is a statistician at the Bureau of Labor Statistics studying nonsampling error in BLS surveys. He enjoys working with other agencies on methods of analysis and sharing results and finds organizations like the Washington Statistical Society to be invaluable in providing contacts and a forum for sharing research ideas. Former Positions: Statistical Consultant, University of Florida, 1983 to 1998. Degrees: Ph.D. Foundations of Education (Psychometrics) University of Florida, 1985. Fields of Major Statistical Activities: Statistical design, sampling, missing data problems, and measurement error. ASA Activities and Offices Held: Program Chair - American Statistical Association Statistical Consulting Section, 1996. Washington Statistical Society - Membership committee, Videoconference coordinator, 2001-2008, Presidents award 2002-03 and 2006-07. Newsletter editor - American Statistical Association Government Statistics Section, 2001-2003. Chair - Government Statistics Section, 2010-2011. Related Professional Activities: Co-chair of the Interagency Household Survey Nonresponse Group. Member Psychometric Society, Classification Society of North America, International Statistical Institute.

Candidates for Methodology Program Chair (select one)

Adam Safir, BLS

Adam Safir is a statistician at the U.S. Bureau of Labor Statistics. Prior to joining BLS, he served on the research staff of RTI International, the Urban Institute, Arbitron, and the University of Maryland Survey Research Center. His primary research interests include methods of questionnaire evaluation, the assessment of measurement error, and related topics in the design and methodology of consumer expenditure surveys. He previously served on the WSS Membership Committee (starting in 2005), as President of DC-AAPOR (2007), and as Membership/Chapter Relations Chair for AAPOR (2008-09). He has also refereed for the *Journal of Official Statistics and Public Opinion Quarterly*. He completed his undergraduate and graduate work at the University of Maryland (B.A. in Sociology, master's degree in Marketing Research).

Y. Michael Yang, ICF International

Michael Yang is Chief Statistician at the Survey Research Center at ICF International, a global consulting services firm headquartered in Fairfax, VA. Dr. Yang's research encompasses survey sample design, post-survey data adjustments, and survey data analysis. He has served as senior statistician on many large scale survey projects, responsible for sample design, estimation, and related methodological research. He joined ICF from the National Opinion Research Center (NORC) at the University of Chicago, where he was Senior Statistician in the Statistics and Methodology Department from 2000 to 2007. He has also worked as Senior Methodologist/Statistician at The Gallup Organization. Dr. Yang has served as Co-chair of WSS's Statistical Computing section in the past.

Candidates for Representative-at-Large (select two)

Carol Joyce Blumberg, EIA

Carol Joyce Blumberg has been a mathematical statistician in the Petroleum Division, Office of Oil and Gas, Energy Information Administration (EIA) since June 2006. At EIA she is working on a variety of projects whose goals are to improve the quality of data collection and analysis. She retired from Winona State University (Minnesota) in May 2006, where she was a Professor of Mathematics and Statistics since 1987. From 1981 to 1987 Carol was an Assistant Professor at University of Delaware. She has Bachelor's (1972) and Master's (1974) degrees in Mathematics from The University of Michigan. Her Master's in Statistics (1981) and Ph.D. in Educational Statistics (1982) are from Michigan State University. Her main area of interest is in statistics education with a dual focus on statistical literacy and on statistics education in the workplace (especially in the context of government statistics.) Her other areas of interest within Statistics are energy statistics, survey research, linear models, and experimental design.

For the American Statistical Association she has been a Council of Sections Representative (3 years), the Newsletter Editor for the Section on Statistical Education (3 years), an Associate Editor of the *Journal of Statistics Education* (14 years), and a member of four committees. She has also served as Secretary/Treasurer, Program Chair, and President for the Special Interest Group of Educational Statisticians of the American Educational Research Association. Carol has also been involved internationally with the IASE (International Association for Statistics Education) and its parent organization, ISI (International Statistical Institute). She was a Vice-President of IASE from 2001 to 2005 and coordinator of IASE's International Statistical Literacy Project (ISLP) from 2001 to 2006. She is presently on the editorial board of the *Statistics Education Research Journal* (jointly sponsored by IASE and ISI) and was a member of ISI Publications Committee from 2004 to 2007. She has recently been appointed as the guest editor for a special issue of the *International Statistical Review* devoted to energy statistics.

In terms of service to local Chapters of the ASA, Carol was the Statistics Education Chair of the Delaware Chapter from 1982 to 1987. While in Minnesota she was not located near to an active local Chapter. Since June 2007 she has been the Data Collection Methods Program Chair or Co-Chair. In addition she has served as a judge for WSS for regional Science Fairs (4 times) and for the Curtis Jacobs Memorial Prize (2 times).

Michael Costello, Montgomery County Public Schools

Michael Costello has been a mathematics and statistics teacher in Montgomery County Public Schools for seven years, and before that in Moscow, Russia and at Purdue University, Indiana, where he studied mathematics and education as an undergraduate. He is also currently an MS candidate in statistics at American University.

As a member of the American University Statistical Consulting Center, Michael helped write and analyze a survey of Army Times readers on their feelings on the military's "Don't Ask, Don't Tell" policy. The results are included in the February 15, 2010 edition of the Army Times.

Michael's vision of the WSS is one of a group that can take a more active role in furthering the statistical competency of students in the DC Metro Area by increasing outreach to high schools' Advanced Placement Statistics classes. By encouraging members to interact with students through activities like guest lectures or field trips, the WSS can help raise interest in professions involving statistics among students in the area.

Grant Izmirlan, NCI

Grant Izmirlan is a senior mathematical statistician at the National Cancer Institute in the Division of Cancer Prevention Biometry Research Group. He has served as co-chair on the WSS section on Public Health and Biostatistics since joining the NCI nearly 11 years ago. Prior to that he was an IRTA fellow and then staff fellow at the National Institute on Aging in the Epidemiology, Biometry and Demography program. As section chair he has helped to organize WSS colloquia in areas of interest to biostatisticians in cancer research as well as areas of general interest. His doctoral training was in the area of probability theory at the UW Madison. He did post-doctoral training in Biostatistics at UNC and then at the NIA. His research interests are in modeling time to event data, missing data, sequential design, statistical software, and most recently, adaptive design. If elected representative at large he hopes that his unique perspective, optimism, and love of the field of statistics will help the WSS in attaining its mission.

Mel Kollander, Consultant

Mel Kollander is an internationally known survey methodologist with more than 40 years of extensive experience in the public and private sectors. As a survey methodologist and statistician, Mr. Kollander has conceptualized and designed complex survey designs. Mel has worked a consultant, from 2007 to the present, to the federal government and private companies that perform contract research with the federal government. During his professional career, he held positions at Temple University, Environmental Protection Agency as the principal survey methodologist, advisor to the World Health Organization (WHO). He has published and presented workshops on survey design for human exposure field studies and qualitative research methods.

Candidate for Treasurer (select one)

Jane Li, Westat

Jane Li is a sampling statistician at Westat since August 2007. She received her master's degree in Economics from University of Delaware in December 2002. After that she was admitted to the doctoral program in the Joint Program in Survey Methodology at University of Maryland and received her Ph.D. in December 2007.

Announcement

2010 Annual Dinner

The WSS Annual Dinner will be held Thursday, June 10, 2010, at *Maggiannos in Chevy Chase* in Washington, DC. Michael R. Elliot of the University of Michigan and winner of the Gertrude M. Cox Award will be our Guest Speaker.

As always, this event provides a great opportunity to spend time with friends and make new acquaintances. We look forward to seeing you there!

Conference on Quantitative Methods in Defense & National Security “QMDNS 2010”

25-26 May 2010

George Mason University, Fairfax, VA
<http://www.galaxy.gmu.edu/QMDNS2010/>

Please join us for QMDNS 2010. The goal of the conference is to promote collaboration between those who have quantitative problems in defense and national security, and quantitative professionals such as statisticians, mathematicians, operations researchers, and engineers who are engaged in solving such problems.

Registration

To register to attend QMDNS 2010, visit <http://www.galaxy.gmu.edu/QMDNS2010/>. Register prior to 10 May 2010 to take advantage of reduced Early Bird rates.

Program Information

The program will consist of invited sessions that have been organized by the Technical Program Committee, contributed presentations, and a special poster session in the evening of the first night. All posters and presentations will be refereed. Contributed sessions will not be held at the same time as invited sessions, and contributed speakers will be given approximately 25 minutes for their talk. See the website for more information.

Questions?

Contact the Technical Program Chairs, Dr. Jeff Solka (Jeffrey.Solka@navy.mil) or Dr. Myron Katzoff (mjk5@cdc.gov) for more information.

WSS and Other Seminars

(All events are open to any interested persons)

May

- 12 Wed. **Use of Data Mining Methods For Survey Data**
- 26 Wed. **The Concept of Human Exposure Assessment**

June

- 16 Wed. **Expeditionousnesses and delay in state courts: An exploration of case processing time in civil trials**

Also available on the Web at the following URL: <http://web.cos.gmu.edu/~wss/>

Announcement

Five-Week Online SAS Training in Summer

The Department of Statistics will be offering a 5-week introductory course in SAS programming in Summer 2010 from 6/7/2010 to 7/11/2010. This is a perfect opportunity to become facile with one of technology's leading software packages to perform data management and data analysis using modern statistical methodology, from the comfort of home or office.

The course is offered completely online and does not require coming to campus. The course is taught by Dr. Linda Davis, Associate Professor of Statistics. Dr. Davis holds a Ph.D. in Statistics from Rutgers University and is an expert in data analysis and applied statistical methods.

There are two mechanisms to register for the training course:

STAT 501: a one credit graduate course; registration is through GMU Summer Programs registration;

Continuing Education: not for credit, fee \$500. Register at <http://www.ocpe.gmu.edu>.

Announcement

Interface 2010: Computational Statistics and Human Behavior 41st SYMPOSIUM ON THE INTERFACE

The Westin - Seattle
Seattle, Washington
June 16-19, 2010

Program Chairs

Edward J. Wegman

Department of Computational and Data Sciences and Department of Statistics

George Mason University

MS 6A2, 4400 University Drive

Fairfax, VA 22030

ewegman@gmail.com

Yasmin H. Said

Department of Computational and Data Sciences and Center for Social Complexity

George Mason University

MS 6A2, 4400 University Drive

Fairfax, VA 22030

ysaid99@hotmail.com

Keynote Address

Adrian E. Raftery, University of Washington

“Probabilistic Projections of HIV Prevalence Using Bayesian Melding with Incremental Mixture Importance Sampling (IMIS)”

Short Courses

Tim Gulden Agent-Based Modeling and Simulation

Edward J. Wegman, Statistical Natural Languages and Text Mining

Sponsor

The Interface Foundation of North America

Note from the WSS NEWS Editor

Items for publication in the June issue of the WSS NEWS will be accepted until May 15, 2010. E-mail items to Michael Feil at michael.feil@ams.usda.gov. The June issue will be the last issue for which he will be the editor. Email him for more specific information if you are interested in the position.

Program Announcement

- Title:** Use of Data Mining Methods For Survey Data
- Speakers:** Thomas Jacob, Jaki McCarthy, and Dan Beckler
National Agricultural Statistics Service
- Chair:** Mel Kollander
- Date/time:** Wednesday, May 12, 2010 / 12:30 - 1:30 p.m.
- Location:** Bureau of Labor Statistics Conference Center. To be placed on the seminar list attendance list at the Bureau of Labor Statistics you need to e-mail your name, affiliation, and seminar name to wss_seminar@bls.gov (underscore after 'wss') by noon at least 2 days in advance of the seminar or call 202-691-7524 and leave a message. Bring a photo ID to the seminar. BLS is located at 2 Massachusetts Avenue, NE. Use the Red Line to Union Station.
- Sponsor:** Agriculture and Natural Resources
- Abstract:** Data mining is the process of discovering meaningful correlations, patterns and trends in large databases. Data mining methods can be very effective at improving survey data quality during data collection, editing, and at summarization. This presentation reports the results of applying some data mining methods to survey data. The methods include anomaly detection, exploratory analysis, clustering, and data visualization.
- Point of contact e-mail: Thomas.Jacob@nass.usda.gov

Program Announcement

- Title:** **The Concept of Human Exposure Assessment**
- Speaker:** Mel Kollander
- Chair:** Barry Nussbaum
- Date/time:** Wednesday, May 26, 2010 / 12:30 - 1:30 p.m.
- Location:** Bureau of Labor Statistics Conference Center. To be placed on the seminar list attendance list at the Bureau of Labor Statistics you need to e-mail your name, affiliation, and seminar name to wss_seminar@bls.gov (underscore after 'wss') by noon at least 2 days in advance of the seminar or call 202-691-7524 and leave a message. Bring a photo ID to the seminar. BLS is located at 2 Massachusetts Avenue, NE. Use the Red Line to Union Station.
- Sponsor:** Agriculture and Natural Resources
- Abstract:** The U.S. Environmental Protection Agency recognized that exposure to environmental pollutants can lead to adverse health effects. Exposures to a given chemical can be occupational and/or non-occupational, and they can take place in indoor and outdoor microenvironments. Exposures can occur via different routes, such as inhaled air, drinking water, ingested food and dermal contact, that need to be added together to estimate a subject's total exposure, that determines their health effect. EPA scientists and survey experts by working together were the leaders in developing scientifically defensible methodologies to characterize human exposures. A number of landmark studies were sponsored by EPA and for the first time quantitative evidence of exposures to pollutants such as Carbon Monoxide (CO) were developed and used to support regulatory development. The presentation will include descriptions of how personal exposures are measured using personal monitors, collections of body fluids, the survey techniques used, and examples of results from such studies.
- Point of contact e-mail:** mellk@erols.com

Program Announcement

- Title:** **Expeditionesses and delay in state courts: An exploration of case processing time in civil trials**
- Chair:** Michael L. Cohen, CNSTAT
- Speaker:** Thomas H. Cohen, Bureau of Justice Statistics
- Discussant:** Nicole Waters, National Center for State Courts
- Date/Time:** Wednesday, June 16, 2010 / 12:30 pm - 2:00 pm
- Location:** Bureau of Labor Statistics Conference Center. To be placed on the seminar attendance list at the Bureau of Labor Statistics you need to e-mail your name, affiliation, and seminar name to wss_seminar@bls.gov (underscore after 'wss') by noon at least 2 days in advance of the seminar or call 202-691-7524 and leave a message. Bring a photo ID to the seminar. BLS is located at 2 Massachusetts Ave., NE. Take the Red Line to Union Station.
- Sponsor:** Washington Statistical Society's Section on Public Policy
- Abstract:** The issue of how long it takes for America's courts to process civil cases dates back to colonial times and has been a topic of concern going back into antiquity. Although civil case delay has garnered a great deal of attention, most empirical efforts to analyze this topic occurred over twenty years ago and were limited in geographic scope. This paper attempts to update and enhance our understanding of civil case processing time by exploring factors related to disposition time in civil cases concluded by trial in a national sample of courts located in 156 urban, suburban and rural jurisdictions. The article applies multilevel models to examine both the effects of case and litigant characteristics as well as the influence of locale on case processing time. Results show that the legal issues adjudicated at trial, the type of trial (bench/jury), litigant characteristics, post-trial activity, and surprisingly, alternative dispute resolution referrals, are related to longer case processing times. The models also show locale exerting a significant influence on case processing time irrespective of a jurisdiction's case composition characteristics. This effort to empirically explore disposition time provides scholars, policymakers, and court personnel with information that could be used to assess what types of reform efforts might result in more expeditious case resolution and hence, speedier justice.

Student Column

Student statisticians,

In the first “student chapter column”, I am pleased to invite you all to participate in the activities of the Washington Statistical Society and become involved with a network of statisticians in the DC area.

The Society needs your suggestions and comments for its future planning in order to offer more suitable events such as holding talks and workshops for both undergraduate and graduate students.

Also, we would like to hear about your statistical activities, student seminars, projects and researches at your departments. Please share your experiences with the student chapter column.

All graduate and undergraduate students are welcome.

Parisa Meisami
Student Representative

Announcement

SUMMER PROGRAM IN APPLIED ECONOMETRICS - AMERICAN UNIVERSITY WASHINGTON, DC

May 10 - May 14, 2010
FORECASTING - Graham Elliott, U. C. San Diego

May 24 - May 28, 2010
BAYESIAN ECONOMETRICS & DECISION-MAKING - John Geweke, U Iowa and UTS,
Australia

The Info-Metrics Institute and the Department of Economics of American University, Washington, DC, are pleased to announce two upcoming summer program courses, "Forecasting," with Graham Elliott, UCSD and "Bayesian Econometrics & Decision-Making," with John Geweke, U Iowa and UTS, Australia.

The primary purpose of the summer program in applied econometrics is to provide students, researchers and faculty with state of the art econometric methods for analyzing data in the Social Sciences. Each day of the week-long course consists of morning lectures that develop the basic concepts and philosophy as well as their applications to real economic problems and data. Each afternoon, these methods will be applied and practiced in the computer lab. These daily tutorials and work in the computer lab provide students with 'hands on' experience in using these methods with real data.

TARGET GROUP AND REQUIREMENTS: Each course in the program is open to students who have completed at least a year of econometrics at the Ph.D. level, to professional economists, researchers and econometricians who work in government agencies, non-governmental organizations and in the private market.

CLASS MATERIALS: The text for each class will be announced prior to the class and will include a text book and/or a reader consisting of a collection of papers.

DAILY SCHEDULE: Classes begin at 9:00 am and end at 4:30 or 5:00 pm. There will be a morning coffee break, a lunch break and an afternoon break.

REGISTRATION: Please visit
<http://www.american.edu/cas/economics/info-metrics/econometrics.cfm>
and
<http://www.american.edu/cas/economics/info-metrics/news.cfm>
for information on how to register.

ADDITIONAL INFORMATION: Further questions about this program should be directed to Amos Golan, Professor, Info-Metrics Institute and Department of Economics.

Further questions about registration and administrative issues should be directed to Aisha Malik, Senior Administrative Assistant, or Glen Arnold, Administrative Coordinator, Department of Economics:

ADDRESS: Department of Economics, American University
Roper Hall 105, 4400 Massachusetts Ave NW
Washington, DC 20016

PHONE: (202) 885-3770

FAX: (202) 885-3790

EMAIL: ECON@AMERICAN.EDU, malik@american.edu or gwarnol@american.edu

Employment

As a service to local statisticians, *WSS News* provides notification of employment opportunities and description of those seeking employment here in the Washington, DC, area. Readers are encouraged to take advantage of this feature of the newsletter. The deadline for inserting notices is five (5) weeks before the publication date. Those interested should email or call Anne Peterson, at apeterson@insightpolicyresearch.com or (703) 373-6645.

WESTAT AN EMPLOYEE-OWNED RESEARCH CORPORATION

WESTAT is an employee-owned corporation headquartered in the suburbs of Washington, DC (Rockville, Maryland). We provide statistical consulting and survey research to the agencies of the U.S. Government and to a broad range of business and institutional clients. With a strong technical and managerial staff and a long record of quality research, Westat has become one of the leading survey research and statistical consulting organizations in the United States.

Our company was founded in 1961 by three statisticians. The current staff of more than 1,900 includes over 60 statisticians, as well as research, technical, and administrative staff. In addition, our professional staff is supported by data collection and processing personnel situated locally and in field sites around the country. The work atmosphere is open, progressive, and highly conducive to professional growth.

Our statistical efforts continue to expand in areas such as the environment, energy, health, education, and human resources. Westat statisticians are actively involved in teaching graduate-level courses in statistical methods and survey methodology in collaborative arrangements with area colleges and universities.

We are currently recruiting for the following statistical position:

Survey Sampling Statistician (Job Code WSS/DRM/90001)

A total of 3 or more years of relevant experience in sample design and selection, frames development, weighting, imputation, and variance estimation. Applicant must have a master's or doctoral degree in statistics and have excellent writing skills. Coursework in sample survey design is highly desirable.

Westat offers excellent growth opportunities and an outstanding benefits package including life and health insurance, an Employee Stock Ownership Plan (ESOP), a 401(k) plan, flexible spending accounts, professional development, and tuition assistance. For immediate consideration, please send your cover letter, indicating the Westat Job Code, and resume, by one of the following methods to:

Job Code is REQUIRED to apply.

Westat

Attn: Resume System

1650 Research Boulevard

Rockville, MD 20850-3195

Email: resume@westat.com / FAX: (888) 201-1452

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CLINICAL TRIAL BIOSTATISTICIANS

The Biostatistics Center
The George Washington University

To serve as Co-Investigator or Principal Investigator (Project Director) and to provide statistical direction of the design, conduct and analysis of studies and the conduct of methodologic research to meet the projects needs. Basic Qualifications: Doctorate in Biostatistics, Statistics or Epidemiology, or alternatively an M.D. or Ph.D. in Biological Science, Physical Science or Computer Science with a Masters in Biostatistics or Statistics, 1-5 years' experience with clinical trials, especially study design and statistical analysis of study results using SAS, excellent oral and written English communication skills, and supervisory experience. All interested applicants at the rank of Assistant Professor in Biostatistics or Statistics may apply for the Samuel W. Greenhouse Biostatistics Research Enhancement Award. For a period of 1 year, the award will provide 20% effort for methodological research, professional activities and travel. Review of applications is ongoing until the positions are filled. For complete information and application procedures, please visit our website at: www.bsc.gwu.edu. Only complete applications will be considered.

The George Washington University is an Equal Opportunity/Affirmative Action Employer.

BIOSTATISTICIANS AND STATISTICIANS

The Company

An internationally recognized company dedicated to eye health. This organization offers the world's most comprehensive portfolio of eye health products which include: Vision Care, Pharmaceuticals, and Cataract and Vitreoretinal Surgery. In addition to having one of the best known and most respected brands in the world, the organization has a history of innovation which continues today as they invent new materials, engineer new technologies and create pioneering ways to help people see better.

The contact for the next four positions is Tracy Wolfe, Zingaro & Company, twolfe@zingaro.com, at (512) 327-7277.

JOB PROFILE – CLINICAL PROCESS ANALYST

Scope of the Job

This position is located at corporate headquarters in Rochester, NY and reports to the Director, Global Clinical Operations. Your primary responsibility will be to establish and analyze business process metrics to drive continuous improvement. You will support operating planning processes in collaboration with finance, and monitor and report spend against the plan. You will be the project leader for systems requirements identification and implementation to increase visibility and controls and to reduce redundant data entry points.

Responsibilities Include:

- Establish and present monthly clinical trial management performance metrics.
- Assess business processes and identify process improvements to reduce bureaucracy and improve cycle time.
- Identify and lead implementation of systems to streamline processes based on valuation models.
- Facilitate Operating Planning Process.
- Monitor clinical operations spend with appropriate metrics.
- Issue monthly variance analysis and work with finance and clinical trial managers on accrual planning.
- System Administrator for CTMS system once established.

Candidate Requirements

1. Bachelor's degree in Business Administration or related discipline with IT Systems experience.
2. 5+ years of experience with a proven track record of business process improvement using disciplined method (.e.g. LEAN, Six Sigma).
3. Experience in clinical development strongly preferred (Medical Device and/or Pharmaceutical).
4. Experience with Clinical Trial Management Systems a plus.
5. Strong communication skills, collaborative and achievement oriented.

JOB PROFILE – PRINCIPAL BIostatistician

Scope of the Job

This position is located at corporate headquarters in Rochester, NY and reports to the Manager of Statistics and Data Management. You will be the primary statistical representative for high functioning cross functional study teams. You will collaborate on protocol development including the design of the study, clarification of endpoints to meet objectives, calculation of power and sample size, and writing statistical sections.

The ideal candidate will be able to work independently as the lead statistician on multiple studies covering varying ophthalmic therapeutic areas. The position will entail applying statistical analysis and design knowledge as well as pharmaceutical and/or medical device experience to conceive and defend efficient study designs and analysis strategies.

Responsibilities Include:

- Collaborate on protocol development.
- Review of case report forms, annotations, and edit checks.
- Create randomization strategies and schedules.
- Writing and overseeing implementation of statistical analysis plans for multiple studies.
- Writing/reviewing statistical and outcome sections of study reports and submissions.
- Develop efficient budgets and assess budget impact of proposed changes.
- Serve as technical resource to multiple study teams.
- Assist in defending strategy and findings to FDA
- Appropriately plan for and execute ad hoc analyses.

Candidate Requirements

1. Masters Degree or PhD in Statistics or Biostatistics.
2. Minimum 5– 8 years of work experience in applied statistics. Clinical trial experience preferred.
3. Demonstrated ability to lead multiple projects in a fast paced environment.
4. Proven ability to lead a team of statisticians and/or SAS programmers to efficient production of accurate and timely deliverables.
5. Experience managing timelines and budgets for multiple projects within the context of larger study teams.
6. Must have sound working knowledge of statistical theory and application including experimental design, categorical data analysis, linear models, and non-parametric methods. Experience with group sequential methods, adaptive clinical trials, and/or analysis of correlated data preferred.
7. Must have sound working knowledge of statistical theory and applications including experimental design, categorical data analysis, linear models, and non-parametric methods. Experience with group sequential methods and adaptive clinical trials. Familiarity with designs and analyses accounting for correlated data.
8. Excellent written and oral communication
9. 5+ years of SAS programming in a pharmaceutical/clinical environment.

JOB PROFILE – DIRECTOR OF BIOSTATISTICS

Scope of the Job:

This position is located at corporate headquarters in Rochester, NY and reports to the Director, Global Clinical Operations. Your primary responsibility will be to develop new and incorporate existing innovative statistical methodology to build increasingly efficient ophthalmologic clinical trials, bringing products to market faster. You will determine unique measures for ophthalmics to both shorten the time to show efficacy and to differentiate products. You will drive analysis and design strategy, and you will establish global statistical strategy and serve on due diligence teams for strategic partnership opportunities.

Responsibilities Include:

- Research, optimize, and document statistical strategy.
- Review literature for innovative technology and measurements in ophthalmics, with specific concentration on measures with greater sensitivity to allow for easier and earlier differentiation of products.
- Review competitive regulatory submission information to gain an understanding of the regulatory marketplace with respect to successful and unsuccessful strategies.
- Become an active and driving member on at least two national/international statistical or guidance committees.
- Review and coordinate global clinical trial design requirements to build standard strategies, allowing for quicker program development and identification of most efficient global strategy for products and therapeutic areas.

Candidate Requirements

1. PhD in Statistics
2. 10+ years in clinical trials or public health research with at least 4 of those years in ophthalmic device and the pharmaceutical industry.

JOB PROFILE – SENIOR STATISTICIAN

Scope of the Job

This position is located at corporate headquarters in Rochester, NY and reports to the Manager of Statistics and Data Management. You will be responsible for the design and analysis of multiple clinical studies. You will be responsible for conducting power and sample size calculations, creating randomization schedules, developing study designs and assisting in protocol development. You will write and reviewing study reports and support programming of tables and listings for study report writing.

Responsibilities Include:

- Power and sample size calculations.
- Create randomization schedules.
- Develop study designs/assist in protocol development.
- Write/review study reports.
- Assess feasibility of analysis requests and timelines.
- Communicate data analysis.
- Develop and present new methods/techniques to the team.
- Design and analysis of multiple small-scale clinical studies.
- Review, edit, and check specifications.
- Manage data transfer.
- Ad hoc report creating.

Candidate Requirements

1. Masters or PhD in Statistics, Biostatistics, or Public Health.
2. 5 years of work experience plus a Masters degree, or 3 years of work experience with a PhD in applied statistics, Biostatistics, or Public Health.

BIostatistician

The Henry M. Jackson Foundation (HJF) is seeking a Biostatistician for the Infectious Disease Clinical research Program (IDCRP) located at the Uniformed Services University of the Health Sciences in Bethesda, MD. HJF provides administrative and management support to IDCRP.

The IDCRP is a collaborative research effort with the National Institute of Allergy and Infectious Diseases (NIAID). Established at USUHS in 2005, this unique program aims to strengthen infectious disease clinical research in the U.S. It brings together a network of clinical scientists at military treatment facilities who are focused on conducting patient-based research on a wide range of infectious diseases relevant to the military and the broader medical communities.

Responsibilities:

Reports to, and provides support for, the Director of Biostatistics and Data Management

Assists in the design and conduct of new/ongoing clinical research protocols

Provides statistical support to program directors, coordination center staff and study investigators throughout the duration of studies; assists in the analysis of data for interim reports, as well as for presentation and publication

Provides relevant statistical and project status updates to program directors, coordination center staff and study investigators

Works with program directors, coordination center staff and study investigators to achieve the goals of the research program.

Performs other duties as required.

Required Knowledge, Skills, and Abilities: Experience in the design, conduct and analysis of clinical trials and epidemiologic studies; knowledge of biomedical sciences and clinical research; familiarity with clinical research methods, including studies utilizing randomized controlled trial, cohort, case-control, and case-series designs; background in infectious disease research preferred; knowledge and proficiency in SAS and SAS Macros (experience within a Windows environment preferred); knowledge of other statistical software (e.g. STATA, R); ability to communicate effectively in written and oral form; ability to effectively communicate research findings in presentations and publications; excellent verbal, written and interpersonal skills; occasional travel may be required.

Minimum Education/Training Requirements: Master's degree in Biostatistics, Statistics or related field

Minimum Experience: 2 to 4 years experience

Work Environment: Office or laboratory environment

Please apply on-line at www.hjf.org/careers Click "Advanced Search" and enter job number **205182** in the Job Opening ID box. OR fax your resume to 240-314-7334. Please specify title and job number on fax.

HJF is a nonprofit medical research organization that provides support services to the military medical community and offers a competitive salary and generous benefits package.

AA/EEO

For a comprehensive list of our benefits, please visit: <http://www.hjf.org/careers/benefits.html>

HJF administers innovative medical research, supports education and training, and facilitates collaborations between the military and private medical communities. We provide comprehensive management and scientific services for more than 1,000 basic, clinical and applied research projects conducted around the globe. We also support continuing medical education programs for more than 160 military medical research and treatment facilities, and military medical organizations.



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Washington Statistical Society Annual Dinner

Thursday June 10th, 2010 5:30 PM

Schedule:

5:00PM- Bar Opens

5:30PM- Presentation

Michael R. Elliot, University of Michigan

Recipient of the 2010 Cox Award

Presentation Title TBA



6:30PM- Awards

7:00- 9:00 PM- Dinner

Maggiannos in Chevy Chase

5333 Wisconsin Ave NW, Washington, DC, 20015

Phone: 202-966-5500

(Metro: Friendship Heights- Red line)

www.maggiannos.com

Cash Bar

Dishes to be served (all inclusive):

Brochette	Four Cheese Ravioli	Fresh Asparagus
Calamari Fritte	Ziti Marinara	Sautéed Spinach
Caesar Salad	Chicken Saltimbocca	Spumoni
Chopped Salad	Tilapia Lemon & Herbs	Tiramisu

Price: \$47.00 by online register

..... \$45.00 by check

..... \$25.00 full-timeⁱ student

DEADLINE FOR PAYMENT: FRIDAY, JUNE 4th

- Please register at: <https://www.123signup.com/register?id=mvgyr>
- Or make check payable to: "Washington Statistical Society"
–**Include the full names of all individuals paid for by the check.**

Send to: Chris Cummiskey

701 13th Street, NW Suite 750, Washington, DC 20005

Questions?

Please Contact: Chris Cummiskey, ccummiskey@rti.org / (202) 728-2064

ⁱ NOTE: Full-time students must have 12+ credit hours. Send check for \$25 or pay \$47 online and receive a \$20 reimbursement after dinner.