

BCASA NEWSLETTER

Boston Chapter of the American Statistical Association

Serving

Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont

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Homepage: <http://www.amstat.org/chapters/boston>

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SCHEDULED EVENTS & MEETINGS

November 20-25, 2014	PQR Conference - Integrative Approaches to Understand Allelic Function	Boston, MA
Saturday, December 6, 2014	Future of Statistics Symposium and Banquet to Celebrate ASA's 175th Anniversary	Boston, MA
Saturday, January 17, 2015	Annual Winter Potluck Dinner and Party	Lexington, MA
Tuesday, February 17, 2015	Mosteller Statistician of the Year Banquet	Boston, MA
March 20-22, 2015	NEDSI 2015 Conference	Cambridge, MA
Late March 2015	Short Course: Time Series Analysis with Applications	Boston, MA
April 15-18, 2015	2015 NCTM Annual Meeting & Exposition	Boston, MA
May 14-17, 2015	AAPOR 70 th Annual Conference	Boston, MA
October 7-9, 2015	2015 International Conference on Health Policy Statistics	Providence, RI

Event schedule at the chapter website: <http://www.amstat.org/chapters/boston>

Detailed announcements appear later in this newsletter. All events are announced in advance to members on our email list. We are currently planning events for the coming year. If you have suggestions please contact Program Chair John McKenzie, mckenzie@babson.edu.

FUTURE OF STATISTICS SYMPOSIUM AND BANQUET TO CELEBRATE ASA'S 175TH ANNIVERSARY

Date: Saturday, December 6, 2014

Times: Symposium, 10:00 am to 4:00 pm; Banquet, 6:00 pm

Location: Paresky Conference Center, Simmons College, 300 The Fenway, Boston, MA

Directions, Transportation, and Site Map: <http://www.simmons.edu/overview/directions/>

Parking: Free with registration.

Cost: Symposium: \$25; Banquet, \$30; Symposium and Banquet: \$50; students free.

Registration: <http://bcasa2014anniversary.eventbrite.com>. Registration requested by December 4.

Description:

Every 25 years, since 1914 the ASA has celebrated the anniversary of its founding on November 27, 1839 in Boston. This year will be no different. On Saturday, December 6, there will be a symposium and banquet to celebrate the Association's 175th anniversary. It will be similar to the sesquicentennial celebration of December 9, 1989. A highlight of this symposium's luncheon will be the announcement of the recipient of this year's Mosteller Statistician of the Year Award. Fred Mosteller was the recipient of the first Boston Chapter Statistician of the Year Award. The theme of this year's celebration will be the future of statistics.

The symposium will feature three pairs of panels, each discussing an aspect of the future of statistics.

Three of these panels address the future of K-12, undergraduate, and graduate statistics education, respectively. Among their panelists are George Cobb, Mt. Holyoke College Professor Emeritus of Mathematics and Statistics; Katherine Halvorsen, Smith College Professor of Statistics; Sharon Hessney, AP Statistics Content Leader at Mass Insight Education; Don Rubin, Harvard University Professor of Statistics; and Lisa Sullivan, Associate Dean and Professor of Biostatistics, Boston University School of Public Health.

Panelists for the future of statistics in the health sciences include Arlene Ash, Professor and Division Chief, Biostatistics and Health Services Research, University of Massachusetts Medical School, and Scott Evans, Senior Research Scientist, Department of Biostatistics, Harvard School of Public Health. Panelists for the future of statistics in industry and consulting include Victor Lo, Vice-President, Fidelity Investments; Cyrus Mehta, President, Cytel Software Corporation; and consultant Richard Goldstein. Carl Morris, Harvard University Professor of Statistics, and Mark Glickman, Research Professor, Department of Health Policy and Management, Boston University School of Public Health, will highlight the Future of Statistics in Sports Panel. There will be ample time for questions and comments at each of the six panels.

Present at the symposium luncheon will be Ron Wasserstein, ASA Executive Director. The chapter will announce the recipient of its 2015 Mosteller Statistician of the Year Award and plans to obtain a photograph of all the Mosteller awardees and a photograph of all the BCASA presidents at the luncheon.

The banquet will start at 6:00 p.m. with a cash bar followed by dinner at 7:00 p.m. After dinner there will be greetings from the president of the American Statistical Association, Nathaniel Schenker, and the president of the Boston Chapter of the ASA, Tom Lane.

Following these greetings, Nicholas J. Horton, Amherst College Professor of Statistics, will talk about our rich history and will look forward to the future of statistics and statistical science.

Banquet Presentation Abstract:

Challenges and Opportunities for Statistics and Statistical Science (Looking Forward, Looking Back).

In 2014 we have been celebrating the many accomplishments of the American Statistical Association during its past 175 years. What are our strengths, weaknesses, our opportunities, and threats? What insights from the past can help us in the future? How can we as a profession and as individuals help to ensure that statistics is a vibrant choice for our students as well as a discipline that can help to use data to make better decisions? In this talk, I will share thoughts on the future of statistics and statistical science.

Banquet Speaker Biography:

Dr. Horton is a Professor of Statistics at Amherst College. He received his A.B from Harvard College and Sc.D.in Biostatistics from the Harvard School of Public Health. Among his research interests are developing methodology for the analysis of missing and/or incomplete data and the development of methods for analyzing multiple informants and multiple outcome data in services research, alcohol and drug abuse studies. Nick is currently involved in several research projects concerning how to improve statistical education. One of his recent books is *SAS and R: Data Management, Statistical Analysis, and Graphics*. An active member of the Boston Chapter of the ASA, Nick is a representative of the Council of Chapters on the ASA Board of Directors. He is the chair of Board's Undergraduate Guidelines Workgroup. He is an accredited statistician and a Fellow of the American Statistical Association. In 2009 Nick was the recipient of the American Statistical Association Waller Education Award in recognition of his wide ranging impact and influence on statistics education. Nick is also the recipient of teaching awards at Boston University and Smith College.



BCASA REGION MEETINGS

PQG Conference - Integrative Approaches to Understand Allelic Function

Thursday, November 20 - Friday, November 21
Boston, Massachusetts

The Program in Quantitative Genomics at the Harvard School of Public Health, jointly with the HSPH Department of Biostatistics and the Department of Biostatistics and Computational Biology at the Dana-Farber Cancer Institute, will host its 8th two-day conference on November 20-21, 2014, at the Joseph B. Martin Conference at Harvard Medical School in Boston, MA.

The conference will be entitled "Integrative Approaches to Understand Allelic Function" and will seek to examine the use of evolutionary functional genomics, statistical genetics, and integrative approaches to understand the function of rare and common human alleles. We will discuss the interdisciplinary challenges of data analysis involved. We seek to engage scientists working in experimental, clinical, and computational epigenomics in a discussion centered on three important topics: 1. High-throughput strategies to understand non-coding allelic functions 2. Integrative approaches to interpret the function of non-coding alleles 3. Integrative approaches to interpret the function of coding alleles.

The conference schedule includes time for scientific presentations, as well as a poster session for submitted abstracts.

Three abstracts were selected for Stellar Abstract Awards and will be presented as 15-minute platform talks. Each of these speakers were recipients of an award of up to \$500 for travel assistance or other conference expenses.

For more info click here: www.hsph.harvard.edu/2014-pqg-conference

NEDSI 2015 Conference

March 20-22, 2015
Cambridge, Massachusetts

The submission deadline for Northeast Decision Sciences Institute (NEDSI) 2015 annual conference has been extended to December 9, 2014. The conference will be held at the Hotel Marlowe in Cambridge, MA from March 20-22, 2015. Papers/abstracts or proposals for panels and workshops are invited for sixteen decision sciences tracks covering business research, case development and teaching, and innovative education.

Visit the conference website (<http://nedsiconference.org/2015/>) for the Call for Papers and complete conference information. All papers and proposals must be submitted electronically on or before **December 9, 2014** by clicking <http://nedsi2015.exordo.com/login> or through the "Submissions" tab on the conference website. The registration fee is \$195 before February 1 (\$50 for students). Online registration opens in November with mail registration available now by clicking <http://nedsiconference.org/2015/registration/>.

We are excited to announce that the Project Management Institute is sponsoring a new award for the Best Case in Project Management: The Soft Side. Click <http://nedsiconference.org/2015/project-management-case-award/> for more details.

Students have an opportunity to compete for the Best Student Paper award in Undergraduate, Masters, and PhD categories. Papers can be co-authored with faculty but must be presented by students at the conference. Please designate the paper as a student paper in the submission process.

2015 NCTM Annual Meeting & Exposition

Effective Teaching to Ensure Mathematical Success for All

Boston Convention & Exhibition Center

April 15 – 18, 2015

Join thousands of education professionals for the nation's premier math education event.

Go beyond the classroom to examine the innovative ideas that can improve the quality of learning for every student.

700+ Sessions on Trends in Mathematics Education

- Insights into implementation and assessment of the Common Core State Standards for Mathematics
- Best practices from experts in mathematics education
- New ideas to integrate mathematics into other disciplines and support student learners
- Collaborate and expand your professional network

For more information, please visit <http://www.nctm.org/Boston/>

AAPOR 70th Annual Conference

Thursday, May 14 - Sunday, May 17

Boston, Massachusetts

Plan to join your public opinion and survey research colleagues for more than three days of extensive learning and networking at the AAPOR 70th Annual Conference -- the premier event for survey and public opinion researchers from around the globe. Attendees will be immersed in the latest trends, innovations and research in the field. In keeping with long-standing AAPOR tradition, the 2015 conference will be rich with discussion on the shaping of public opinion and the consequences for individuals and collectives.

For more info click here: tinyurl.com/ko4bg4r

2015 International Conference on Health Policy Statistics

The International Conference on Health Policy Statistics (ICHPS), sponsored by the American Statistical Association (ASA), will be held in Providence, RI from October 7 to 9, 2015. For more information about the conference, please visit <http://www.amstat.org/meetings/ichps/2015/index.cfm>

NEWS & ANNOUNCEMENTS

A Conversation with Bob O'Neill

A Conversation with Bob O'Neill has just been posted (<http://www.buzzsprout.com/16296>)! This podcast is a recording of A Conversation with Bob O'Neill which took place during a recent ASA Boston Chapter meeting. Dr. O'Neill discusses aspects of the past, present, and future of regulatory statistics in an interview format with Dr. Scott Evans. Topics include: Dr. O'Neill's view of challenging issues of the future, key challenges for the FDA during his tenure, and training in regulatory statistics and decision making. A special thanks to Jim MacDougall for making it happen.

Spiegelman Receives NIH Director's Pioneer Award

Donna Spiegelman, ASA Fellow and professor of epidemiologic methods at the Harvard School of Public Health (HSPH), was named a National Institutes of Health Director's Pioneer Award recipient. She is believed to be the first epidemiologist and biostatistician honored. The five-year, \$500,000 prize recognizes "individual scientists of exceptional creativity who propose pioneering, and possibly transforming, approaches to major challenges in biomedical and behavioral research." Spiegelman will use the award to develop new methods to advance the field of implementation science, which establishes through rigorous quantitative methods which public health interventions directed at the same goal are most effective. More information can be found at <http://www.hsph.harvard.edu/news/features/donna-spiegelman-wins-award-to-develop-effective-public-health-interventions/>

Mu Sigma Rho

It's not too early to start thinking about your outstanding statistics students and considering nominating them for membership in Mu Sigma Rho. Both undergraduate and graduate students can be nominated. Information can be found at <http://math.smith.edu/~nhorton/msr.html> or by contacting Liam O'Brien at lobrien@colby.edu. Although the deadline isn't until March 1, 2015, nominations are accepted anytime.

Planning Committee

Chapter activities are run by a core group known as the Planning Committee. Please consider joining us. The committee is open to all interested chapter members, regardless of whether they are also members of the ASA. We meet approximately every six weeks to plan upcoming events of the chapter. Dinner is provided. For more information contact Chapter President Tom Lane, tlane@alum.mit.edu.

Event Funding: Request For Proposals (RFPs)

The Boston Chapter of ASA is accepting proposals for supplementary support funding to plan and conduct events with a statistical theme. Qualified events include short courses and other educational events but are not limited to these. The RFP is open until further notice.

Proposal requirements and additional information:

- Proposals should be no more than 3 pages in length with 2 pages being a description of the program, date and time, program sponsors, location and information on parking or public transportation, targeted audience/expected attendees, rationale for why the program is important and will be attractive to potential attendees, and people responsible for program planning and conduct. The last page is a budget plan.
- Funding for up to \$750 can be requested.
- The event must be open to all chapter members.
- The event must be advertised in the chapter newsletter.
- It is expected that the BCASA is not the only resource supporting the event (e.g., a department or other sponsor should be involved in organization or nominal fees to attendees should be charged).
- Any fees charged to attendees should be reasonable, with special discounts for students. The expectation is that the event will be affordable to statisticians.
- A report of the event must be submitted to BCASA upon completion of the event with possible publication of the event in the BCASA newsletter. The report should include an estimate on the number of attendees, attendee comments, an evaluation of the program, and a financial summary.
- Unused funds should be returned to the BCASA.
- Proposals will be reviewed by members of the Planning Committee of the BCASA. Applicants will be contacted shortly after the Planning Committee meeting that follows application submission.
- Questions should be directed to Scott Evans, Ph.D. (evans@sdac.harvard.edu).
- Proposals should be electronically submitted at least 6 weeks prior to the program to Scott Evans, Ph.D. (evans@sdac.harvard.edu).

L. Adrienne Cupples Award for Excellence in Teaching, Research and Service in Biostatistics

Purpose of the Award

This annual award recognizes a biostatistician whose academic achievements reflect the contributions to teaching, research, and service exemplified by Professor L. Adrienne Cupples. Dr. Cupples joined the faculty at the Boston University School of Public Health (BUSPH) in 1981 and later served as founding Chair of the Department of Biostatistics and Co-Executive Director of the Graduate Program in Biostatistics. During her tenure at BUSPH, she advanced the field of biostatistics through extensive publications in major journals and book chapters on collaborative and methodological research, development and effective teaching of a wide range of biostatistics courses, and mentorship of numerous graduate students and faculty.

Eligibility and Nominations

To be eligible, the nominee must be an internationally recognized statistician/biostatistician who had made significant contributions to the statistical sciences through teaching, research, and service, and who will be willing to deliver a lecture at the award ceremony held in the Department of Biostatistics at Boston University on April 2nd, 2015.

Nominations should include the nominee's name and contact information, rationale for the nomination not exceeding 2 pages in length, and the nominee's curriculum vitae. Nominations may be made by faculty, collaborators, students, or staff working with or familiar with the work of the nominee. Nominations will be accepted through November 15th, 2014 and the winner will be notified by December 2nd, 2014.

Please send nominations via e-mail to:

Lisa M. Sullivan, PhD
Associate Dean for Education
Professor and Chair, Department of Biostatistics
lsull@bu.edu

Selection Criteria

Criteria for the award include, but are not limited to, excellence in the following areas:

- Biostatistics education (teaching, curriculum design, course development)
- Collaborative or methodological biostatistical research
- Service to the profession
- Student and faculty mentoring

Award Selection Committee

The Award Selection Committee will be comprised of eight members, six members of the faculty of the Boston University Department of Biostatistics representing varying areas of expertise and faculty rank and two student members currently enrolled in the graduate program in Biostatistics at Boston University.

Winners

Winners of the award will receive a \$1000 honorarium and all expenses to attend and present at the Boston University Department of Biostatistics at an Annual Award Day, generally held on the first Thursday in April. Faculty, staff and students interested in biostatistics from the Boston area will be invited to the presentation given by the Cupples' Award recipient.

JOB OPPORTUNITIES

Harvard University Position Listing

Title: Post-Doctoral Research Fellow (100% FTE; 2-year appointment)

School: Harvard School of Public Health

Department/Area: Department of Biostatistics / Center for Biostatistics in AIDS Research

Background:

The Center for Biostatistics in AIDS Research (CBAR), in the Department of Biostatistics at the Harvard School of Public Health have an immediate opening for a Post-doc to work on statistical methods and applications for studies being conducted by the Antibacterial Resistance Leadership Group (ARLG). Investigators within CBAR have provided statistical leadership and support for clinical research networks for more than thirty years including infectious disease networks such as: the Adult AIDS Clinical Trials Groups (ACTG), the International Maternal Pediatric Adolescent AIDS Clinical Trials Group (IMPAACT), the Neurologic AIDS Research Consortium (NARC), and the Pediatric HIV/AIDS Cohort Study (PHACS).

The Statistical and Data Management Center (SDMC) for the ARLG Network, consists of the Statistical and Data Analysis Center (SDAC) in the Center for Biostatistics in AIDS Research (CBAR) and Frontier Science & Technology Research Foundation in Boston, MA, as well as a Data Management Center (DMC) located at the Duke Clinical Research Institute (DCRI) in Durham NC.

The SDAC is responsible for the statistical and central data management infrastructure activities of the ARLG. The primary areas of responsibility are supporting the ARLG research agenda with an infrastructure for statistics to facilitate the efficient and optimal design, conduct, interim data monitoring, analyses, and reporting of high quality clinical research studies. This is accomplished by providing an infrastructure and team of highly-experienced statisticians who are knowledgeable in aspects of infectious disease / antibacterial resistance (ID/AR), experienced with clinical research networks, and committed to collaborating with ARLG investigators in developing and managing the ARLG agenda.

Project Description:

“Statistical Challenges in Clinical Trials and Diagnostic Studies of Antibiotic Resistance” The Post-doc will work with Dr. Scott Evans, Director of the Statistical and Data Management Center of the ARLG on statistical strategies for the design, data monitoring, analyses, and reporting of clinical trials and diagnostics studies of antibiotic resistance. Specific statistical issues may involve biomarker trial designs, master protocol development, diagnostic evaluation, longitudinal data issues, rank-based methods, and graphical displays, competing risk, multiplicity issues, composite endpoints, dynamic treatment regimes, and benefit: risk evaluation.

Qualifications:

Candidates should have a doctoral degree in biostatistics or statistics with interest in clinical trials and diagnostic studies. A successful candidate will possess: (1) a sound understanding of the basic principles of the design, monitoring, and analyses of clinical trials and diagnostic studies, (2) excellent methodological and applied research skills, (3) interest in problems motivated by research in antibiotic resistance, (4) strong SAS programming and simulation abilities, (5) creativity, and (6) effective communication skills with an ability to work with a multi-disciplinary research team of scientists and clinicians.

Contact Information:

For scientific inquiries, please contact Dr. Scott Evans (evans@sdac.harvard.edu). To submit application materials, please contact Jessica Clark (jclark@sdac.harvard.edu) with CV and cover letter.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Faculty in Biostatistics (Tenure-Track, Assistant/Associate Professor)
School of Public Health and Health Sciences
University of Massachusetts/Amherst

The Biostatistics Program at the University of Massachusetts/Amherst is seeking talented applicants qualified for an assistant or associate professor position. Under exceptional circumstances, highly qualified candidates at other ranks may receive consideration. Individuals with demonstrated potential for or experience in developing an extramurally funded research program in biostatistical methods, with application to areas such as big data, bioinformatics, clinical trials, survey research, or epidemiology/public health are encouraged to apply. We will consider applications from individuals without a degree in biostatistics or statistics if they have research experience in the areas mentioned above.

Responsibilities:

The successful candidate will join the faculty in the Division of Biostatistics and Epidemiology, Department of Public Health. Responsibilities will include independent and collaborative research; teaching at the graduate and/or undergraduate levels; and advising masters and doctoral students enrolled in our MS, MPH, and PhD programs. We are particularly interested in candidates with a track record of securing federal research funding with application to areas such as “big data”, including bioinformatics, genomics, medical informatics, and neuroimaging. We are also interested in candidates with biostatistical research experience in clinical trials, survey research, Bayesian statistics, or epidemiology/public health. Applicants should have a strong commitment to teaching and advising undergraduate and graduate students, and to mentoring junior faculty, the latter depending on rank. Rank and salary will be commensurate with qualifications and experience.

Program Description:

The UMass School of Public Health and Health Sciences is committed to continued expansion of its research expertise in biostatistics. The Division of Biostatistics and Epidemiology has an active faculty consisting of seven biostatisticians and eight epidemiologists. We are a highly collaborative group of active researchers in a variety of areas, including big data, bioinformatics, genomics, population genetics, Bayesian statistics, clinical trials, cancer epidemiology, survival analysis, and statistical inference for dynamical systems. Division faculty collaborate extensively with faculty from the School of Public Health and Health Sciences, the University of Massachusetts Institute for Applied Life Sciences, other departments on campus, the University of Massachusetts Medical School, Baystate Health, as well as local, national, and international public health organizations.

Qualifications: Candidates for this position must meet the following minimum requirements:

- Terminal degree (PhD, DrPH) in biostatistics or a related field of study;
- Evidence of experience as principal investigator of independent and collaborative research *or* evidence of independent and collaborative research potential;
- Record of peer-reviewed publication;
- Excellent oral and written communication skills; and
- Demonstrated interest and ability in teaching at the undergraduate and/or graduate level.

How to Apply:

Interested candidates should apply through Interview Exchange by submitting their curriculum vitae, description of research and teaching interests and the name of three references at:

<http://umass.interviewexchange.com/jobofferdetails.jsp?JOBID=53761>

The application review process will begin November 10, 2014 and continue until the position is filled. Anticipated start date is September 1, 2015.

The university is committed to active recruitment of a diverse faculty and student body. The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members. Because broad diversity is essential to an inclusive climate and critical to the University's goals of achieving excellence in all areas, we will holistically assess the many qualifications of each applicant and favorably consider an individual's record working with students and colleagues with broadly diverse perspective, experiences, and backgrounds, in educational, research or other work activities. We will also favorably consider experience overcoming or helping others overcome barriers to an academic degree and career.

Principal Biostatistician

Work location: Remote USA
PAREXEL office in Billerica, MA / Durham, NC /
East Windsor, NJ / Horsham, PA / San Diego, CA

Job Description:

The Principal Biostatistician works independently on all level complexity clinical trial projects, often with major regulatory impact. The person will be recognized internally and externally as a statistical expert.

Key Accountabilities

- Provide broad statistical support, including trial design, protocol and CRF development on specific studies
- Lead production and quality control of randomization, analysis plans, statistical reports, statistical sections of integrated clinical reports and other process supporting documents
- Perform sample-size calculations, generate randomization lists and write statistical methodology sections for inclusion in study protocols
- Review publications and clinical study reports
- Provide statistical input into Data Monitoring Committee (DMC) activities, including development of DMC charters and analysis plans
- Provide a supporting role as a non-voting independent statistician providing data and analysis for DMC review
- Understand regulatory requirements related to the specific therapeutic areas and the implications for statistical processing and analysis
- Understand, apply and provide training in extremely advanced and sometimes novel statistical methods
- Contribute to the development and delivery of internal and external statistical training seminars and courses
- Review position papers based on current good statistical practice
- Interact with clients and regulatory authorities.
- Support of Business Development, e.g. by actively contributing to study design considerations in internal and client meetings, providing and discussing sample size scenarios, support of budget and proposal development, attending and preparing bid defense meetings.
- Travel to, attend and actively contribute to all kind of client meetings as appropriate (e.g. discussing analysis concepts, presenting and discussing study results)
- Additional responsibilities as defined by supervisor/manager.

Qualifications:

Skills

- Good analytical skills and project management skills
- Professional attitude and Attention to detail
- Thorough understanding of statistical issues in clinical trials
- Ability to clearly describe advanced statistical techniques and interpret results
- Familiarity with regulatory/research guidelines on drug development, GCP, and statistical principles (especially ICH guidelines)
- Prior experience with SAS programming require
- Ability to work independently and Good mentoring/leadership skills
- Good business awareness/ business development

Education

- PhD in Statistics or related discipline, MS in Statistics or related discipline

Language Skills

- Competent in written and oral English in addition to local language

Minimum Work Experience

- PhD in Statistics or related discipline with 7+year experience or MS in Statistics or related discipline with 10+ years of experience
- Prior submissions experience required

At PAREXEL, you'll immerse yourself in diverse projects and a fast-paced environment that challenges you to conquer every day with enthusiasm—and strive for your full potential. Our employees have the unique opportunity to manage challenging projects from start to finish, so you can be proud of a job well done. You'll also achieve your career goals thanks to individual development and professional growth programs. Bring your talents to PAREXEL and surround yourself with colleagues who share the same dedication and passion—to deliver groundbreaking, life-saving treatments to patients worldwide.

Senior Biostatistician

Work location: Remote USA
PAREXEL office in Baltimore, MD / Billerica, MA / Durham, NC /
East Windsor, NJ / Horsham, PA / San Diego, CA

Job Description:

The Senior Biostatistician works independently in the production and quality control of analysis plans, reports, derived datasets, tables, listings and figures, provides statistical advice to clients and fulfills the project primary role within a designated project team.

Key Accountabilities

- Coordinate and lead a project team to successful completion of a project within given timelines and budget.
- Interact with clients as key contact with regard to statistical and contractual issues
- Perform QC of derived datasets, tables, figures and data listings produced by other members of the department.
- Check own work in an ongoing way to ensure first-time quality.
- Understand and apply advanced statistical methods.
- Lead production and quality control of randomizations, analysis plans, statistical reports, statistical sections of integrated clinical reports and other process supporting documents.
- Provide a supporting role as a non-voting independent statistician providing data and analysis for DMC review.
- Support of Business Development, e.g. by actively contributing to study design considerations in internal and client meetings, providing and discussing sample size scenarios, support of budget and proposal development, attending and preparing bid defense meetings.
- Travel to, attend and actively contribute to all kind of client meetings as appropriate (e.g. discussing analysis concepts, presenting and discussing study results)
- Additional responsibilities as defined by supervisor/manager

Job Qualifications

Skills

- Good analytical skills and Good project management skills
- Professional attitude and Attention to detail
- Thorough understanding of statistical issues in clinical trials
- Prior experience with SAS programming required
- Ability to work independently and Good mentoring/leadership skills and
- Good business awareness/ business development skills
- Willingness to work in a matrix environment and to value the importance of teamwork.

Education

- PhD in Statistics or related discipline, MS in Statistics or related discipline

Language Skills

- Competent in written and oral English in addition to local language

Minimum Work Experience

- PhD in Statistics or related discipline or MS in Statistics or related discipline

Biostatistician II

**Work location: PAREXEL office in Billerica, MA (Boston area) /
Durham, NC / San Diego, CA**

Job Description

The Biostatistician II works independently in the programming and quality control of derived datasets and all kind of statistical outputs (e.g., tables, listings and figures), works under the supervision of an experienced biostatistician in the production of analysis plans and reports, provides basic statistical advice to clients and fulfills the project primary role within a designated project team.

Key Accountabilities

- Production and/or QC of derived datasets and both simple and advanced statistical outputs using efficient programming techniques.
- Understand and apply moderately advanced statistical methods.
- Coordinate and lead a project team to successful completion of a project within given timelines and budget.
- Interact with clients as key contact with regard to statistical and contractual issues.
- Assist in the production of analysis plans, statistical reports, statistical sections of integrated clinical reports and other process supporting documents.
- Check own work in an ongoing way to ensure first-time quality.

Job Qualifications

- PhD in Statistics or related discipline entry level, MS in Statistics or related discipline with 2+ years of experience

Statistics Lecturer Opening at URI

The Department of Computer Science and Statistics is searching for a statistics lecturer. Duties and responsibilities include: Instruct 12 credits of statistics courses (or the equivalent) per semester; assist the department in developing pedagogies and approaches to enhance learning outcomes and retention in statistics courses; participate on departmental and/or University committees, to support and improve instruction and to provide advice on curriculum in the department and at the institution.

We are searching for candidates with the following required qualifications:

1. Master's degree in statistics, biostatistics, or closely related field in hand at time of starting employment;
2. Demonstrated experience in teaching undergraduate statistics courses;
3. Demonstrated ability to work with diverse groups.

Visit the URI jobs website at <https://jobs.uri.edu> to apply and to view the complete details for job post #(6001676). Please attach the following PDF documents to your online application:

(#1) cover letter, (#2) CV which contains the names and contact information of 3 references, (#3) statement of teaching and advising philosophy, and (#4) an "other document" single document containing a summary of teaching evaluations.

Appointment is anticipated for the Spring of 2015. Position is limited to one year with possible renewal. Review of applications will continue until the position is filled. First consideration will be given to applications received by December 5, 2014. Second consideration MAY BE given to applications received by January 12, 2015. Applications received subsequent to January 12 may not be given full consideration.

Tech Marketing Position at Statistical Innovations

Position: Technical Marketer
Type: Entry Level
Location: Boston - Metro West
Status: Full Time
Starts: Interviews ongoing

About the Company

Statistical Innovations is a recognized leader in model development, offering consulting, training, and innovative statistical modeling software, including our flagship program Latent GOLD(r). We periodically offer online and onsite training courses associated with our programs. To learn more about Statistical Innovations, please visit statisticalinnovations.com.

About the Job

We are seeking a self-motivated individual to serve as the Technical Marketer. Working closely with the president, this individual's workflow will be primarily dedicated to B2B software marketing efforts, including software sales, customer support, product development, and digital market copy for the company website and email marketing communications. This position will also include some data analysis support on high profile consulting projects. The successful candidate will have excellent communication and marketing skills - with a good analytical/technical background a plus.

Responsibilities include:

Marketing:

- Provide excellent customer service for all inbound software sales calls.
- Create compelling digital and print marketing materials, including advertisements and email campaigns.
- Maintain and update the company website.
- Manage the administrative tasks (advertising, registration, etc.) for online training courses.
- Assist in producing Word documents for software tutorials, software user's guides, and white papers.
- Update and maintain the client database.

Technical:

- Extensive Excel work to assist on consulting projects.
- Assist in providing technical support to licensees of our software.

Skills REQUIRED:

- Excellent verbal and written skills.
- Strong results-orientation, ability to work independently, and interpersonal skills.
- Must be comfortable interacting with clients of all levels and industry backgrounds, including executives.
- Proven organization skills and the ability to serve as project manager on three to five simultaneous projects.
- Excellent working knowledge of Excel, Word, and PowerPoint.
- High attention to detail.
- B.A. or B.S. degree with a strong academic record.

Skills PREFERRED:

- 2-3 years of related experience in marketing.
- Familiarity with a statistical package such as SPSS.
- Data management and data analysis experience.
- Experience with website management and HTML.
- Knowledge of d

BCASA REGION STATISTICS SEMINARS

Below is a list of the regional statistics (& mathematics) and biostatistics departments that often offer statistics seminars, along with URLs for each department and its seminars. If your institution would like to appear on this list, please contact John McKenzie (mckenzie@babson.edu).

Boston University College of Arts & Sciences
Department of Mathematics & Statistics

<http://www.bu.edu/stat/>

<http://www.bu.edu/stat/seminar/>

Boston University School of Public Health
Department of Biostatistics

<https://sph.bu.edu/Biostatistics/department-of-biostatistics/menu-id-617603.html>

<https://sph.bu.edu/Biostatistics/seminars/menu-id-617654.html>

Brown University
Division of Applied Mathematics

<http://www.dam.brown.edu/>

http://www.dam.brown.edu/dam_seminars.shtml

Brown University School of Public Health
Department of Biostatistics

<http://www.stat.brown.edu/>

Harvard University
Department of Statistics

<http://statistics.fas.harvard.edu/>

<http://statistics.fas.harvard.edu/calendar>

Harvard University School of Public Health
Department of Biostatistics

<http://www.hsph.harvard.edu/biostatistics/>

<http://www.hsph.harvard.edu/biostatistics/seminars-events/>

University of Maine
Department of Mathematics & Statistics

<http://umaine.edu/mathematics/>

<http://umaine.edu/mathematics/colloquium-schedule/>

University of Massachusetts Amherst School of Public Health and Health Sciences
Department of Mathematics and Statistics

<https://www.math.umass.edu/>

<https://www.math.umass.edu/~gile/Seminar/>

University of Massachusetts Amherst School of Public Health and Health Sciences
Department of Biostatistics

<http://www.umass.edu/sphhs/biostatistics>

University of New Hampshire
Department of Mathematics & Statistics

<http://www.math.unh.edu/>

<http://www.math.unh.edu/seminars>

University of Rhode Island
Department of Computer Science and Statistics

<http://www.cs.uri.edu/>

University of Vermont College of Engineering and Mathematical Sciences
Department of Mathematics & Statistics
<http://www.uvm.edu/~cems/mathstat/>

Worcester Polytechnic Institute
Department of Mathematical Sciences
<http://www.wpi.edu/academics/math/>
<http://www.wpi.edu/academics/math/news.html>

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