

BCASA NEWSLETTER

Boston Chapter of the American Statistical Association

Serving

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

Volume 33, No. 4, March 2015

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

E-Mail: BostonChapterASA@gmail.com

SCHEDULED EVENTS & MEETINGS

March 20-22, 2015	NEDSI 2015 Conference	Cambridge, MA
March 27-29, 2015	Five-College DataFest	Amherst, MA
Wednesday, April 1, 2015	Applied Business Analytics Symposium	Smithfield, RI
Thursday, April 2, 2015	L. Adrienne Cupples Award Event	Boston, MA
Wednesday, April 8, 2015	Boston Chapter of INFORMS Seminar	Bedford, MA
Wednesday, April 8, 2015	Seminar on Statistical Practice	Boston, MA
April 15-18, 2015	2015 NCTM Annual Meeting & Exposition	Boston, MA
Thursday, April 16, 2015	Thirteenth Annual ASA CT Chapter Mini-Conference	Farmington, CT
Saturday, May 9, 2015	Spring ASA Albany Chapter Workshop on Teaching Statistics using R and RStudio	Saratoga Springs, NY
May 14-17, 2015	AAPOR 70th Annual Conference	Boston, MA
Friday, May 22, 2015	Marvin Zelen Memorial Event	Boston, MA
Saturday, September 26, 2015	New England Symposium on Statistics in Sports	Cambridge, 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.

Mosteller Statistician of the Year Award Banquet

Despite the challenges of winter weather and limited public transit service, the Mosteller Statistician of the Year Award Banquet held at Simmons College on Tuesday February 17 was a resounding success. The keynote speaker and Mosteller Statistician of the Year award recipient, Scott Evans, gave an engaging talk titled “Battling Superbugs with Statistical Thinking: Using Endpoints to Analyze Patients Rather than Patients to Analyze Endpoints”. As part of the 175th anniversary celebration, four additional awards were presented: A Service to the Profession award was presented to Herman Chernoff; an Excellence in Academia award was presented to George Cobb, an Excellence in Industry award was presented to Herbert Weisberg; and a Service to the Boston Chapter award was presented to John D. McKenzie, Jr. Special thanks to Bob Goldman who was a wonderful host.



2015 Mosteller Statistician of the Year award recipient Scott Evans giving the keynote presentation

Award history:

Every year the Boston Chapter presents the Statistician of the Year award to a distinguished statistician who has made exceptional contributions to the field of statistics and has shown outstanding service to the statistical community. In 1997, this award was renamed the Mosteller Statistician of the Year award in honor of the 80th birthday of its first recipient, Fred Mosteller. Individuals from academia, industry, and government who have contributed to the Boston Chapter are considered for the award. For a list of past award winners, see <http://amstat.org/chapters/boston/awards.html>.

**Spring ASA Albany Chapter Workshop:
Teaching Statistics using R and RStudio
presented by Nicholas Horton, Amherst College**

COURSE SUMMARY

R is a freely available language and environment for statistical computing and graphics that has become popular in academia and in many industries. But can it be used with students? This mini-course will introduce participants to teaching applied statistics courses using computing in an integrated way. The presenter has been using R to teach statistics to undergraduates at all levels for the last decade and will share his approach and favorite examples. Topics will include workflow in the RStudio environment, providing novices with a powerful but manageable set of tools, data visualization, basic statistical inference using R, and resampling. Much of this will be facilitated using the mosaic package. The short-course is designed to be accessible to those with little or no experience teaching with R, but with some prior exposure to R. The short-course is intended to provide participants with skills, examples, and resources that they can use in their own teaching

INSTRUCTOR

Nicholas Horton is a Professor of Statistics at Amherst College, with methodologic research interests in longitudinal regression models and missing data methods and applications in psychiatric epidemiology and substance abuse research. He received his doctorate in Biostatistics (with minors in Psychosocial Comorbidity and Theoretical Statistics) from the Harvard School of Public Health in 1999. Dr. Horton has co-authored more than 140 papers in the statistical methodology, behavioral research, and health services research literature, as well as a series of books on statistical computing in R and SAS. Nick serves as an associate editor for CHANCE and The American Statistician. He is an accredited statistician, a Fellow of the American Statistical Association, former member of the ASA Board of Directors, and chair-elect of the ASA's Section on Statistical Education.

COURSE DETAILS

Date: Saturday, May 9

Time: 9:30am - 2:30pm

Location: Skidmore College, Saratoga Springs

Fees: Registration includes computer/software access, materials, and lunch.

- Non-Chapter Members - \$30
- Albany ASA Chapter Members - \$25
- K-12 Teachers - \$15
- Students - \$10
- Skidmore Students or Faculty/Staff - Free

Payment Methods:

- Personal Check, made out to the "Albany, NY ASA"
- Credit Card/Pay Pal, an invoice will be provided following registration

REGISTRATION

- Space is limited - You MUST pre-register to attend
- Registration is not complete until payment has been received
- REGISTRATION CLOSES MONDAY, MAY 4

RESERVE YOUR SPOT NOW at

<https://docs.google.com/forms/d/1ebAc-aHAZC4HF88xTQ4mF3Gou0VNhqZjKpJEVLqKF58/viewform>

EVENTS & MEETINGS

NEDSI 2015 Conference

The 2015 Northeast Decision Sciences Conference will be held March 20-22, 2015 at the Hotel Marlowe in Cambridge, MA – just across the Charles River from Boston. Registration will open on Thursday evening, March 19. Sessions will start on Friday morning, March 20 and continue through Sunday March 22 at noon. All attendees are invited to the Welcome Reception on Friday evening and the President’s Reception and Award Ceremony Saturday evening. Further information is available at <http://nedsiconference.org/2015/>.

2015 ASA Five College DataFest

The second annual ASA Five College DataFest(TM) will be held the weekend of March 27th and 29th at the University of Massachusetts in Amherst (<http://www.science.smith.edu/departments/math/datafest/>). ASA DataFest(TM) is a nationally-coordinated competition that challenges undergraduates working in teams of up to five to extract meaningful insights from a rich and complex data set. Last year's competition brought more than 60 students from the Five Colleges (Amherst, Hampshire, Mt. Holyoke, Smith, and UMass), and we are expecting closer to 80 this year.

DataFest kicks off at 7:30 pm on Friday night with a visit from this year's data provider, who will reveal the data. Competitors will have until midnight Friday, from 8 am until midnight on Saturday, and from 8 am until noon on Sunday to work. Presentations and judging will begin at 2 pm on Sunday. Interested faculty, students from other colleges, and local data professionals are encouraged to consider attending the event as a VIP Consultant. Please contact Ben Baumer (bbaumer@smith.edu) or Andrew Bray (abray@mtholyoke.edu) for more information.

Applied Business Analytics Symposium April 1, 2015, 8:30 am – 3:30 pm, Bello Grand Hall Bryant University, Smithfield, RI

The Bryant University Advanced Applied Analytics Center (AAAC) invites you to its annual spring symposium on business analytics. Speakers from the SAS Institute, Teradata Corporation, Fidelity Investments, and Epsilon Corporation will discuss topics of interest to users of analytics and “Big Data”.

Schedule of Events

8:30 - 9:15 am	Registration and Coffee
9:15 am	Welcome and Introductory Remarks
9:30 am	Mark Wolff, Ph.D. Principal Industry Consultant, Health & Life Sciences Global Practice, SAS Institute Analysis of Self-Reported Health Outcomes Data from Web-Based Media Sources
10:45 am	Dave Schrader, Ph.D., Retired Marketing Director at Teradata Corporation Applied Analytics for Business
12:00 noon	Complimentary Luncheon
1:00 pm	Ren Cheng, Senior Research Advisor, Fidelity Management & Research Understanding Systemic Risk
2:30 pm	Jon Casciari, Vice President in the Analytic Consulting Group, Epsilon Introduction to Real Time Offers

For further information, please contact Richard Glass, rglass@bryant.edu, 401.232.6393 or Alan Olinsky, aolinsky@bryant.edu, 401-232.6266

Boston University Department of Biostatistics Annual Award Day

On Thursday April 2, the 4th annual L. Adrienne Cupples Award for Excellence in Teaching, Research and Service in Biostatistics will be presented to Professor of Biostatistics Sharon-Lise Normand of the Harvard School of Public Health. Dr. Normand will receive the award and speak on "Approaches to Comparative Effectiveness Estimation in Prospective Observational Data." The talk begins at 11 AM in room 460 in the Crosstown building (801 Massachusetts Avenue, at the corner of Massachusetts Avenue and Albany Street) and will be followed by lunch.

Boston Chapter of INFORMS Seminar Predictive Modeling from Text using Fixed Length Vectors

Steve Gallant, MultiModel Research

This is an introductory overview of how to represent text (and images) for predictive analytics. Applications include Sentiment Analysis, classifying news stories or emails, building marketing models (acquisition, churn), and anomaly detection.

The key technique is how to transform text (of varying length), as well as sentence or document structure, into a single, distributed, fixed-length vector. For example, we may want to change each news story into a list of exactly 500 numbers. The main reason to make this transformation is to enable machine learning approaches -- which require fixed-length vectors -- to construct predictive models. (Neural networks provide a motivation for this work.)

We'll see a live demonstration classifying news stories over the web.

Date: Wednesday, April 8, 2015

Time: Informal Welcome and Snacks 6:30 p.m.; Lecture 7:00 p.m.

Location and Map: The MITRE Corporation
M Building
202 Burlington Road
Bedford, MA 01730
<http://www.mitre.org/sites/default/files/pdf/bedford-campus-map.pdf>

Cost: Free

MITRE is requiring everyone who wishes to attend to RSVP by March 31: Please send your name, email address, work affiliation and indicate whether you are a US citizen or a citizen of another country to Les Servi (lservi@mitre.org).

Speaker Biography: Dr. Gallant is the Vice-President for Research at MultiModel Research, a startup working on text and machine learning solutions. He has over 40 publications, a book on neural network learning, and 3 patents. Steve has a BS in mathematics from MIT and a Ph.D. in operations research from Stanford.

Seminar on Statistical Practice

A Seminar on Statistical Practice, sponsored by the Boston University Student Chapter of the ASA, in cooperation with The Boston Chapter of the ASA, will be held Wednesday, April 8, at Boston University. All attendees are welcome to dinner at 6:00 pm at the College of Arts and Sciences at 725 Commonwealth Avenue in room 200. The seminar will follow at 6:30 pm in room B12. The speakers will all give a brief overview on their experience working with data and statistical aspects of problems. The remainder of the evening will consist of a roundtable and question and answer session, which promise to provide an excellent opportunity for dialogue amongst a broad range of statistical backgrounds. The speakers include:

Dr. Scott Evans: Senior Research Scientist, Harvard University

Dr. Richard Goldstein: Independent Statistical Consultant

Dr. David Hoaglin: Independent Statistical Consultant

Adjunct Professor, Department of Quantitative Health Sciences, University of
Massachusetts Medical School, Worcester, MA

Dr. Victor S.Y. Lo: VP, Managerial Finance & Analytics, Fidelity Investments

Najah Shakir: Program Manager, Boston Bikes

The organizers ask that you please RSVP at the following link <https://www.eventbrite.com/e/seminar-on-statistical-practice-tickets-16223511961>. If you have any questions, please email buscasa@bu.edu.

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/>.

Thirteenth Annual ASA CT Chapter Mini-Conference

Using Statistical Models for Prediction

Thursday, April 16, 2015

University of Connecticut, Health Center
400 Farmington Ave
Farmington, CT

Register for the conference at <https://www.123signup.com/register?id=ynmkg>

Cost: \$55 by 3/16/2015 and \$65 after 3/16/2015.

8:30 to 9:00 Breakfast and On-site Registration
9:00 to 9:10 Introduction and Welcome
9:10 to 10:10 Max Kuhn, Pfizer Inc., Three Aspects of Predictive Modeling
10:10 to 10:30 Break
10:30 to 11:30 Paul Staneski, Derivative Solutions, Prediction in financial markets using GARCH models
11:30 to 12:30 Daniel Sargent, Mayo Clinic, Clinical Trial Designs for Validating Prognostic and Predictive Markers
12:30 to 1:30 Lunch
1:30 to 2:30 Rod Little, University of Michigan, The Analysis of Clinical Trials with Treatment Discontinuation and Missing Data: What are we predicting?
2:30 to 3:30 David Madigan, Columbia University, Generating Reliable Evidence from Observational Database Studies in Healthcare
3:30 to 4:30 Panel discussion

Please also check out the ASA CT Web site

<http://www.amstat.org/chapters/Connecticut/home/index.htm>

or the conference web page

http://www.amstat.org/chapters/Connecticut/home/MiniConference/miniconf_index.htm

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: <http://www.aapor.org/AAPORKentico/Conference/2015-Conference/>

Marvin Zelen Memorial Event

The Harvard School of Public Health will host a memorial event for Marvin Zelen on May 22, 2015. At this event the school's Professor of Public Health and Biostatistics Nan Laird will receive the 2015 Marvin Zelen Leadership Award in Statistical Science.



Harvard University – Saturday, September 26, 2015 – Cambridge, MA

The **2015 New England Symposium on Statistics in Sports** will be a meeting of statisticians and quantitative analysts connected with sports teams, sports media, and universities to discuss common problems of interest in statistical modeling and analysis of sports data. The symposium format will be a mixture of invited talks, a poster session, and a panel discussion.

Both abstract submission and registration are now open. The deadline for abstract submission is June 15. Early bird registration will be open until July 15 with a student rate of \$25 and non-student rate of \$50.

For more information, including photos, videos, programs, and technical slides from past NESSIS meetings, please visit our website at www.nesis.org.

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

Nominations for Chapter Officers

Several BCASA officer terms are up for election this year for terms starting on January 1, 2016. These are Vice-President, Secretary, and Treasurer (two-year terms) and Council of Chapters Representative (three-year term).

We typically hold elections at the final event of the academic year. If you are interested in nominating yourself or anyone else for these positions, please contact current President James MacDougall (jamesmacdougall@comcast.net) or Past President Tom Lane (tlane@alum.mit.edu). New volunteers are always welcome and greatly needed.

Recent Books by Two Harvard Statistics Department Faculty

Edo Airoldi has coedited a [*Handbook of Mixed Membership Models and Their Applications*](#). Joe Blitzstein and Jessica Hwang, who is the recipient of an AB and AM from the department, have coauthored a book entitled [*Introduction to Probability*](#). Both books were published by Chapman and Hall/CRC in 2014.

Emery Brown Elected to National Academy of Engineering

ASA member Emery N. Brown was elected to the National Academy of Engineering (NAE) recently. Brown, a professor at Harvard Medical School and Massachusetts Institute of Technology, was honored for developing neural signal processing algorithms for understanding memory encoding and modeling of brain states of anesthesia. He is one of a few people who are members of all three of the National Academies-Institute of Medicine, National Academy of Sciences and NAE. "It is a noteworthy achievement and one that demonstrates the value that members of our profession bring to addressing important real-world problems," said ASA President David Morganstein. "Indeed, congratulations are in order, but I think what I most want to say is, 'Thank you for being a superb example of what is possible when talent and dedication are combined in service of science and society.'" added ASA Executive Director Ronald L. Wasserstein. Here is a portion of the formal announcement from the NAE.

Washington, DC, February 5, 2015 – The National Academy of Engineering (NAE) has elected 67 new members and 12 foreign members, announced NAE President C.D. (Dan) Mote Jr. today. This brings the total U.S. membership to 2,263 and the number of foreign members to 221.

Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Academy membership honors those who have made outstanding contributions to "engineering research, practice, or education, including, where appropriate, significant contributions to the engineering literature," and to the "pioneering of new and developing fields of technology, making major advancements in traditional fields of engineering, or developing/implementing innovative approaches to engineering education."

Boston University Student Chapter (BUSC)

The ASA has recently launched a Student Chapter Program, and under the direction of faculty advisor, Professor Eric Kolaczyk, Boston University has the privilege of being a pilot chapter. Still in the beginning stages of development, the group hopes to create a community for students at BU interested in statistics, drawing from various schools and programs within the University. Student representatives from both the graduate and undergraduate programs in Mathematics and Statistics, as well as the graduate program in Biostatistics, have been meeting regularly to discuss the goals and future plans for the chapter. The group is working towards encouraging students to participate in data competitions and organizing and hosting professional development seminars, with the first being an evening seminar on statistical practice on April 8. The BUSC also hopes to create networking opportunities for students by establishing more of a relationship with local companies and professionals in the statistics field. This group is excited about promoting interest in statistics, creating professional opportunities for students, and looking forward to the continued growth of this Chapter. Current officers include Heather Shappell, Graduate Student President; Ben Denis Shaffer, Undergraduate Student President, Elizabeth Kane, Secretary; and Elizabeth Upton, Treasurer. For further information, please contact buscasa@bu.edu.

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.

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 James MacDougall, jamesmacdougall@comcast.net.

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).

JOB OPPORTUNITIES

Assistant Professor of Statistics University of Maine

The Department of Mathematics and Statistics at the University of Maine invites applications for a full-time, academic-year, fixed-length Assistant Professor of Statistics, effective August 31, 2015. This is a one-year position, which may be continued contingent upon funding and mutual interest, in support of our teaching and advising activities in statistics and our research and scholarly activities in interdisciplinary research and consulting in the applied, biological and social sciences.

Responsibilities include undergraduate and graduate teaching (totaling 15-16 credits in the year), providing support for undergraduate projects and graduate theses, maintaining an active program of research and/or other scholarly activity, and engaging in university and professional service.

Located on the northern border of beautiful Downeast Maine, the University of Maine, Orono, is the flagship campus of the University of Maine System and is the principal graduate institution in the state. It is the state's land grant and sea grant university, enrolling 12,000 students. The Department offers BA and MA degrees. Further information about the Department and our activities can be found at www.math.umaine.edu. Numerous cultural activities, excellent public schools in neighborhoods where children can walk to school, high quality medical care, little traffic, and a reasonable cost of living make the greater Bangor area a wonderful place to live. The University of Maine is located just 60 miles from the beautiful Bar Harbor area and Acadia National Park and two hours from Portland, offering access to a wealth of outdoor activities and a thriving restaurant scene.

A Ph.D. in Statistics, Biostatistics or Mathematics with a concentration in Statistics (or an equivalent degree) is required by date of hire. Demonstrated effective teaching and excellent written and oral communication skills are also required. The ability to teach our upper-level and masters level statistics classes, especially applied statistics, is an essential requirement for this position. Potential for external research funding is a plus, but is not essential.

Appropriate background checks are required.

All UMS employees are required to comply with applicable policies and procedures, as well as to complete applicable workplace related screenings, and required employee trainings, such as Information Security, Safety Training, Workplace Violence and Sexual Harassment.

To apply, submit a cover letter (which should describe your background and how you meet the job requirements as described above), research and teaching statements, a curriculum vitae (which fully describes your qualifications and experiences with specific reference to the required and preferred qualifications) and at least three letters of reference, at least one of which should address your teaching. These materials should be submitted through www.mathjobs.org, and in addition the cover letter, research and teaching statements and curriculum vitae must also be submitted via the direct link <https://umaine.hiretouch.com/job-details?jobID=24438&job=assistant-professor-of-statistics>. You will need to create a profile and application. Incomplete applications cannot be considered. Screening of applications will begin March 16, 2015 and continue until the position is filled.

As an NSF ADVANCE institution, UMaine is committed to diversity in our workforce and to dual-career couples.

The University of Maine is an EEO/AA Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, age, disability, protected veteran status, or any other characteristic protected by law.

Statistical Analyst/Programmer **Harvard T.H. Chan School of Public Health**

Location: Boston, Massachusetts

Salary: 51,182.00 - 81,445.00

Type: Full Time – Entry Level

Categories: Applied Statistics, Biometrics/biostatistics

Required Education: 4 Year Degree

Duties and Responsibilities:

The Center for Biostatistics in AIDS Research (CBAR) is an organization within the Harvard School of Public Health responsible for the design, monitoring and statistical analysis of clinical trials and observational studies for several clinical research networks. These include two of the largest HIV-related clinical trials networks in the world, the AIDS Clinical Trials Group (ACTG) and the International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) group. Results from these trials have helped to establish the paradigm for the management of HIV and other infectious diseases, forming the basis of current treatment guidelines and contributing to dramatic reductions in HIV-related mortality around the globe.

The Statistical Analyst/Programmer has responsibility for statistical analysis and programming support for clinical trials and observational studies, including all aspects of work from study development through monitoring; interim, primary and secondary analyses; and dissemination of results.

Works with CBAR project teams and with study protocol research teams to further the infectious diseases research mission of CBAR and collaborating researchers. Under guidance of a senior statistician or senior programmer, assists with statistical analysis and programming activities for individual studies and cross-study efforts. Able to access and clarify requirements, provide statistical programming solutions and ensure their efficient implementations under supervision and consistent with standard operation procedures. Assists in determining and developing approaches to technical solutions. Responsible for accuracy and reliability of results. Builds and monitors quality in every aspect of job activities. Has an awareness and familiarity with the types of risks associated with a study and the impact on the quality of deliverables. Is aware of timelines and scope based on resourcing / priority constraints. Builds and maintains effective working relationships with collaborating researchers and study team staff. Adapts to changing circumstances, policies, work assignments, and/or team members. Able to multi-task and prioritize between tasks.

Job Description (examples if they apply)

Examples include:

- Support development of study case report forms and study registration/randomization materials.
- Undertake programming to create datasets for statistical analyses and document datasets.
- Assist with quality assurance of study data.
- Provide input into the statistical analysis plan and creation of table, figure, and listing specifications, collaborating with the lead biostatistician in order to provide high quality statistical analyses.
- Undertake programming to create tables and figures for study monitoring and analysis reports, and to undertake statistical analyses to address study research questions.
- Assist with drafting of study analysis reports.
- Work on committees to advance statistical analysis and programming activities in CBAR.

CBAR provides a strong program for growth and professional development for Statistical Analyst/Programmers including a defined career path with opportunities to progress within our biostatistician or statistical programming career tracks. Opportunities exist and are encouraged for pursuing further graduate-level studies, particularly in biostatistics.

Please note: This position is currently grant-funded through November 30, 2020.

Basic Qualifications:

3-5 years of related experience or experience through education related to statistical software, ideally SAS, for managing study data, preparing tables and figures for reports, and for statistical analysis.

Additional Qualifications:

BA, BS in biostatistics or statistics, or similar quantitative field with significant statistical training strongly preferred. The following additional qualifications would be desirable: SAS certification; experience working in both a UNIX and PC environment; knowledge of clinical trials design and analysis; knowledge of advanced statistical methods including survival analysis and longitudinal data analysis; experience working with clinical research investigators or pharmaceutical/biotech industry. Capable of clear and timely written / verbal communication and effective listening/understanding with study team members and project staff. Ability to work on multiple tasks, meets timelines, and prioritizes work to optimize support.

Application Instructions:

All applications for this position must be submitted directly through the Harvard Recruitment Management System (<http://hr.harvard.edu/search-jobs>) using Auto Req ID 34956.

Summer Internship positions Takeda Pharmaceuticals

The biostatistics department of Takeda Pharmaceuticals U.S.A., Inc. has multiple summer internship openings in 2015, which are located in Boston, MA, and Deerfield, IL. Candidate must currently be enrolled in a PhD (bio)-statistics program, have passed PhD qualification exams. Three year or more of training post-bachelor's degree is preferred. To apply, please email résumé and cover letter to biostatistics.intern2@takeda.com.

Treasurer's Report for 2014

	Items	Amount	Balance
Beginning balance			\$16,105.32
Income	Membership dues and ASA rebates	\$4239.00	
	Short courses and Events	\$3280.34	
Total income		\$7519.34	
Expenses	Short courses and Events	\$8517.05	
	Planning Committee Meeting dinners	\$890.95	
Total Expenses		\$9408.00	
Net Gain/Loss		-\$1888.66	
Ending balance			\$14,216.66

Bank details as of March 1, 2015:

Bank account: \$8,745.73
 CDs: \$23,168.52
 Total: \$31,914.25

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>

The BCASA Newsletter is published four times during the academic year and is emailed to current BCASA members. Send comments or suggestions to any of the individuals listed below.

BCASA OFFICERS	
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