BCASA NEWSLETTER

Boston Chapter of the American Statistical Association

Serving

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

Volume 34, No. 2, November 2015

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

E-Mail: BostonChapterASA@gmail.com

SCHEDULED EVENTS & MEETINGS		
November 16, 2015	Connecticut Valley Mathematics and Statistics Colloquium	Amherst, MA
December 1, 2015	Careers in Biostatistics	Boston, MA
December 3, 2015	**Developing a Big Data for Program for Community Colleges**	**Boston, MA**
TBA, probably January	Annual Winter Potluck and Party	TBA
TBA, probably February	Annual Mosteller Statistician of the Year Award Banquet	TBA
April 25-26, 2016	ICMS 2016 Conference	Boston, MA
May 16-20, 2016	eCOTS 2016	online; Northampton, MA; Boston, MA

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.

EVENTS & MEETINGS

EVENING LECTURE SERIES

Developing a Big Data Program for Community Colleges
Michael D. Harris
Assistant Professor, Computer Information Technology Department
Bunker Hill Community College, Boston, MA

Date: Wednesday, December 3, 2015
Time: Light Dinner: 6:15 pm; Presentation: 7:00 pm
Location: Activities East (ACE) 325 – The Alumni Room**,** Wheelock College, 200 The Fenway, Boston

Campus Map:
www.wheelock.edu/Documents/About/FINAL%202014%20Printable%20Map%20with%20legend.pdf

Transportation: If you are taking public transportation, the school is an easy walk from both the Fenway and Longwood stops of the Riverside branch of the Green Line. It is also about a 1 mile walk from Ruggles Station on the Orange line. Also, the 60, 65, 8 and 47 busses all stop on Brookline Avenue at Short Street (near Beth Israel) and you can walk through the Simmons College residences (not through actual Simmons College).

Parking: Parking on The Riverway is free and there are no meters or time limits. At this time of the day and this time of the school year, the chances of finding a spot are actually not too bad. All other parking is Fenway/Kenmore resident only. If you do not find free parking, there are many garages; the recommended garage is behind Temple Israel, which is located at Longwood Avenue and Plymouth Street. It is only $7 (flat rate) for evening parking. Another option is to park at the meters on Brookline Avenue or Boylston Avenue near the Landmark Center. The meters are required until 8 p.m., so if you park at 6 p.m. it would be $2.50 in quarters to park there. The last option is to park at your own risk in Brookline. Wheelock is right on the Brookline border and Brookline has free 2-hour parking on most streets. If you do this, Chapel Street (on map) has parking; it is about a 10 minute walk to campus.

Registration: http://bcasa2015dec.eventbrite.com by December 1
Cost: Light Dinner: $8 for chapter and section members; $10 for non-members; students free. Presentation: free.

Abstract:
This talk will be about the ongoing content development for future middle-skill big data workers in the field of data science. Bunker Hill has developed an entry-level Data Management Certificate, and currently developing a second-level, stackable, Data Analytics Certificate. These certificates will position students in the field of data science as data cleaners and junior data engineers and alleviate the burden of data cleansing for people with advanced degrees so they can spend more time focused on analysis and less on the menial tasks of data cleansing.

ICMS 2016
April 25-26, 2016
Boston, Massachusetts

18th International Conference on Mathematics and Statistics aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results about all aspects of Mathematics and Statistics. It also provides the premier interdisciplinary forum for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns, and practical challenges encountered, and the solutions adopted in the field of Mathematics and Statistics.

Conference web site; https://www.waset.org/conference/2016/04/boston/ICMS

Careers in Biostatistics Panel Discussion

The Harvard T.H. Chan School of Public Health will present a panel discussion dealing with careers in biostatistics on Tuesday, December 1. It is geared toward students interested in pursuing career and research opportunities at the nexus of statistics and public health. This panel will explore the options in academia, industry, and government available to students choosing to pursue graduate study in biostatistics. Quantitatively inclined students (including, but not limited to, those majoring in mathematics, statistics, computer science, biology, psychology and economics) with an interest in public health are highly encouraged to attend, and the school enthusiastically welcomes students from underrepresented backgrounds. Pizza and drinks will be provided.

More information can be found at http://www.hsph.harvard.edu/biostatistics/diversity or by contacting Jessica Boyle at 617-432-3175 or jboyle@hsph.harvard.edu.

eCOTS 2016 Regional Face-to-Face Mini-Conferences

The 2016 Electronic Conference on Teaching Statistics (eCOTS) will take place May 16-20, 2016. eCOTS, held online during May of even years, is hosted by the Consortium for the Advancement of Undergraduate Statistics Education (CAUSE). Like USCOTS, this conference focuses on undergraduate statistics education. In addition to virtual panel discussions, breakout sessions, workshops, posters, and birds-of-a-feather discussions, there will some regional face-to-face mini-conferences. Two of these will be held at Simmons College and Smith College.

More information could be found on the eCOTS website: https://www.causeweb.org/ecots/ecots16

NEWS & ANNOUNCEMENTS

The 2015 New England Symposium on Statistics in Sports (NESSIS)

The 2015 New England Symposium on Statistics in Sports (NESSIS) was held on September 26, 2015, at the Harvard University Science Center. The symposium format was a mixture of invited talks, a poster session, and a panel discussion.

NESSIS was established by Mark Glickman and Scott Evans to enhance the communication and collaboration between statisticians and quantitative analysts connected with sports teams, sports media, and universities. The first NESSIS was held in 2007 and continued enthusiasm inspired NESSIS to be held biannually. NESSIS drew 110, 125, 150, and 180 registrants in 2007, 2009, 2011, and 2013 respectively. The 2015 NESSIS drew a diverse crowd of approximately 240 registrants including attendees from at least six countries and 25 states.

NESSIS was highlighted by featured talks. First, Stan A. Veuger of the American Enterprise Institute spoke on Football under Pressure: Assessing Malfeasance in Deflategate. The second featured talk was a presentation by Carl Morris, Professor Emeritus of Statistics at Harvard University on Comparing Sports Performances using Counts and Rates. Another featured talk was delivered by Hannah Frick of the University College- London, entitled Monitoring Fatigue – How do Physical Status, Wellness, and Training Load Relate?

NESSIS also featured a panel discussion "Hockey Analytics in the NHL", consisting of panelists Brian Macdonald of the Florida Panthers, Michael Peterson of the Tampa Bay Lightning, and Andrew C. Thomas of the University of Florida and consultant to the Minnesota Wild, and moderator Michael Schuckers of St. Lawrence University.

Abstract submissions to NESSIS included statistical applications to baseball, basketball, football, hockey, tennis, golf, soccer, cricket, Australian football, and more. Abstracts were critically screened to keep content quality high. Peer-reviewed NESSIS proceedings will be published in two tracks. Methodologically-focused papers were invited for submission to the Journal of Quantitative Analysis in

Sports while application-focused papers were invited for submission to the Journal of Sports Analytics. All presenters, including those giving talks and posters, were invited to submit.

The reasons for running a sports statistics symposium are predicated on the need for advanced analytic methods in games and sports. The utilization of statistical methods in sports applications is growing rapidly. Sports teams use statistical analyses to evaluate players and game strategies, and sports associations develop ranking and ratings systems of players and teams. The evolution of the application of statistics to sports continues to be enhanced with extensive collaboration and interaction between sports analysts and professional statisticians. Unfortunately, opportunities for this collaboration are still relatively uncommon, as academic statisticians often work in isolation developing statistical methods for sports applications, while sports organizations often do not have access to well-trained statistical expertise and cutting edge statistical tools for the analysis of sports data. The main goal of NESSIS is to bridge this gap.

NESSIS was sponsored by the Statistics in Sports Section of the American Statistical Association (ASA), the Boston Chapter of ASA, the Harvard University Department of Statistics, ESPN Stats and Info, DataRobot, the National Basketball Association (NBA), DeGruyter, and IOS Press.

The NESSIS founders hope that the enthusiasm generated from NESSIS will increase the collaboration between academic statisticians and analysts connected with sports teams and will improve the quality of statistical design and analysis in sports. Future NESSIS events will continue to encourage the development of cutting edge statistical thinking in sports applications and adaptations to evolving data collection technologies. Technical talk videos, presentation slides, photographs, and additional information about the 2015 NESSIS (as well as the 2007, 2009, 2011, and 2013 NESSIS events) can be found at www.nessis.org. Look for NESSIS VI in 2017!

Submitted by Scott Evans and Mark Glickman

ASA President Presentation at Simmons College

ASA President David Morganstein spoke to the Boston Chapter at Simmons College on November 4. He led a discussion on the importance of communication for statisticians and reviewed his presidential initiatives: Mentoring, JSM Docents, Stat 101 Toolkit, and Stats.org, a Blog on All Things Statistical.

Boston University ASA Student Chapter President Heather Shappell said of the event, "It was a pleasure to meet and talk with Dr. Morganstein. He had a lot of great advice for statisticians of this era and insight into the challenges we face as a community. It gave our Student Chapter a lot to think about and we hope to carry the energy and enthusiasm Dr. Morganstein provided back to our members, Boston University, and the greater Boston area as a whole."

ASA President David Morganstein (center) with Boston University ASA Student Chapter officers (from left to right) Jeremiah Perez, Heather Shappell, Elizabeth Kane, and Long Tao.

Highlights from the 11th International Conference on Health Policy Statistics:
Statistical Science at the Forefront of Health Policy Research

By Kelly H. Zou and Recai M. Yucel, Co-Chairs

The 11th International Conference on Health Policy Statistics (ICHPS) conference was successfully held from October 7 to 9, 2015, in Providence, Rhode Island, in the United States (US). Under the overall theme "Statistical Science at the Forefront of Health Policy Research," the conference was sponsored by the Health Policy Section of the American Statistical Association (ASA) and co-chaired by Kelly H. Zou and Recai M. Recai. The ASA issued a press release to the media prior to the start of the conference.

Throughout the past 20 years, the ICHPS has played a vital role in the dissemination of statistical methods in health policy and health services research. The ICHPS has fostered a great tradition of linking methodologists with health policy-makers to add focus and perspective to the development of new tools.

Among many enthusiastic long-time and new participants and attendees of ICHPS 2015, arriving from 8 different countries including those traveling from Australia and United Kingdom, there were 246 registrants, reflecting the "international" nature of the conference.

The cutting-edge scientific program was both gem- and jam-packed. It included 10 workshops, 10 invited sessions, 4 topic-contributed sessions, 4 contributed sessions, 2 general sessions including 2 keynote speakers, a plenary speaker, 2 poster sessions, 3 HPSS major achievement awards, as well as an off-site Student Travel Award celebration over a fabulous and eclectic collection of seven statistician musicians.

The first keynote speaker, Gail Wilensky is a distinguished economist and senior fellow at Project HOPE, an international health foundation. The second keynote speaker, Marc Berger is Vice President of Real World Data and Analytics at Pfizer Inc. The plenary speaker, Constantine Gatsonis is the Henry Ledyard Goddard University Professor at Brown University, founding director of its Center for Statistical Sciences, and founding chair of its department of biostatistics.

Among the health-policy issues spotlighted during sessions at ICHPS 2015 were the following: big data approaches for health policy; comparative effectiveness research; health data confidentiality — past, present and future; improving medical decision-making in the era of personalized medicine; meta-analysis and evidence-based medicine; measurement, implementation and interpretation of patient-reported outcomes; quality performance analyses; social network analysis with applications to medicine and health policy; statistics and payment reform: toward better value in health care; the medical expenditure panel survey: a national data resource to inform health policy. A major highlight was an invited session on the advances in non-experimental causal inference methods for patient-centered health services and health policy research, organized by Elizabeth ("Liz") Stuart, a member on the Advisory Panel on Clinical Trials of the Patient-Centered Outcomes Research Institute (http://www.pcori.org).

Hearty congratulations go to Constantine Gatsonis of Brown University and Donald ("Don") Hedeker of the University of Chicago; winners of the HPSS Long-Term Excellence Awards. Special congratulations also to Liz Stuart of the Johns Hopkins University Bloomberg School of Public Health for winning the HPSS Mid-Career Award. There were 15 Student Travel Award recipients. The HPSS recognized 9 members who became ASA Fellows in 2014 or 2015.

We are thankful for the generous funding sources to partially and financially support this conference were provided by several corporations, ASA, the Agency for Health Quality and Research, under grant (#R13HS024210), and generous private donations made by a number of contributors. Acknowledgment goes to Chapman and Hall/CRC Press for donating books.

Eight statistician musicians played a fabulous and an eclectic set of music and songs at a Student Travel Award Ceremony and Social Networking Entertainment Event. The Imposteriors performed along with three guest musicians.

The co-chairs for the 12th ICHPS, to be held in 2018, are Laura Lee Johnson and Madhumita ("Bonnie") Ghosh-Dastida. They may be reached at ICHPS2018@gmail.com.

Photo (from left to right): Zihao Zhang (Brown University), Fan Li (Duke University and a Student Travel Award winner), Chenyang Gu (Brown University and a Student Travel Award winner), and Joanna Wang (University of Technology Sydney) socialized and networked after the Student Award ceremony and social entertainment event; Wang, a post-doctoral fellow, traveled all the way from Australia; the rest are graduate students in the US.

Boston Chapter American Statistical Association
Announcing a New Award for Outstanding Undergraduate Teaching

The Planning Committee of the ASA Boston Chapter is pleased to announce the creation of a new award to recognize outstanding contributions to the teaching of undergraduate statistics.

The criteria for the award are intentionally few and non-specific. The aim is to ultimately acknowledge as wide a variety of statistics education accomplishments as possible. For instance, the winner may have published widely on statistical pedagogy; may have created an exemplary undergraduate program in statistics; may have inspired several generations of undergraduates to pursue careers in statistics, and so on.

The awardee will:
- Be a faculty member at a two-or-four-year college or university in MA, RI, NH, VT, or ME whose primary responsibility is teaching statistics to undergraduates. Those on approved leave during the academic year in which they are nominated qualify if they fulfilled the requirement the previous year
- Hold membership in the ASA and the BCASA
- Have more than three-years of experience in teaching statistics

Further:
- Winners of the BCASA's Mosteller Award will not be eligible for this teaching award.
- Nominees unsuccessful in one year will be automatically reconsidered in the three succeeding years.

For more information about the award contact Robert Goldman at robert.goldman@simmons.edu.

Nominations forms may be found on the BCASA website at
http://www.amstat.org/chapters/boston/Forms/Teaching_Nomination_form.docx .

The deadline for nominations for the inaugural 2015-16 award is February 15, 2016.

Congratulations to Jun Liu

Harvard Statistics Professor Jun Liu has received the International Chinese Statistical Association's Pao-Lu Hus Award. The citation reads, "For fundamental and pioneering contributions to Monte Carlo methods and Bayesian computation; for successful development of the Gibbs motif sampler for understanding gene regulation; for highly influential contribution in reconstruction of haplotypes from single nucleotide polymorphism data and the inference of epistatic interaction; and for the advancement of statistics in China".

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).

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 7, 2016.

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 16, 2015, and the winner will be notified by December 4, 2015.

Please send nominations via email to:

Josée Dupuis, PhD
Professor and Interim Chair, Department of Biostatistics
dupuis@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

Biostatistician I

Title: Biostatistician I (req 37582BR)
School: Harvard T.H. Chan School of Public Health
Department: Center for Biostatistics in AIDS Research

Duties and Responsibilities:
The Center for Biostatistics in AIDS Research (CBAR), an organization within the Harvard T. H. Chan School of Public Health, is responsible for the design, monitoring and statistical analysis of clinical trials and observational studies for several clinical research networks. 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 Antibacterial Resistance Leadership Group (ARLG), which is comprised of the Statistical and Data Management Center (SDMC) for the ARLG Network, includes the Statistical and Data Analysis Center (SDAC) in the 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. The position will collaborate with medical researchers and senior statisticians. Duties will include: statistical strategies for the design, data monitoring, and analyses of clinical trials and diagnostics studies; statistical programming and report writing under the mentorship and supervision of senior statistician, in the ARLG. This position will also serve on internal CBAR committees.

CBAR provides a strong program for growth and professional development for Master's-level Biostatisticians including a defined career path and opportunities for continuing education and attendance at professional meetings.

PLEASE NOTE: This position has a term end date of November 30, 2019.

Basic Qualifications:
-MA/MS in Biostatistics or Statistics required.
-Experience with statistical software required.

Additional Qualifications:
2-year MA/MS program preferred.
SAS or R programming skills preferred.

(1) A sound understanding of the basic principles of the design, monitoring, and analyses of clinical trials and diagnostic studies preferred

(2) Excellent applied statistical skills preferred

(3) Interest in problems motivated by research in antibiotic resistance preferred.

Strong communication skills with an ability to work with a multi-disciplinary research team of scientists and clinicians preferred.

*To see full job listing and apply, go to:

https://sjobs.brassring.com/tgwebhost/jobdetails.aspx?jobId=1174117&PartnerId=25240&SiteId=5341&type=mail&JobReqLang=1&recordstart=1&JobSiteId=5341&JobSiteInfo=1174117_5341&gqid=0

Statistical Analyst/Programmer

Title: Statistical Analyst/Programmer (req 37592BR)
School: Harvard T.H. Chan School of Public Health
Department: Center for Biostatistics in AIDS Research

Duties and Responsibilities:

The Center for Biostatistics in AIDS Research (CBAR) is an organization within the Harvard T. H. Chan
School of Public Health is responsible for the design, monitoring and statistical analysis of clinical trials and observational studies for several clinical research networks. 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 Antibacterial Research Leadership Group (ARLG), which is comprised of the Statistical and Data Management Center (SDMC) for the ARLG Network, includes the Statistical and Data Analysis Center (SDAC) in the 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 position has responsibility for statistical analysis and programming support for clinical trials, observational studies, and diagnostic studies; this includes all aspects of work from study development, data monitoring, analyses and reporting of study results.

Works with study protocol research teams to further the research mission of the ARLG and collaborating researchers. Under the 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 staff. Adapts to changing circumstances, policies, work assignments, and/or team members. Able to multi-task and prioritize between tasks.

Job Description:

• 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.
• Create programming macros implementing novel statistical methods and data presentations.
• 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 has a term end date of November 30, 2019.

Basic Qualifications:

3-5 years of related experience, or experience through education related to statistical software. Experience with 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. Experience with SAS or R preferred. SAS certification preferred; experience working in both a UNIX and PC environment preferred; knowledge of clinical trials design and analysis preferred; knowledge of advanced statistical methods including survival analysis and longitudinal data analysis preferred; experience working with clinical research investigators or pharmaceutical/biotech industry preferred. Strong written / verbal communication and effective listening/understanding skills with study team members and project staff; ability to work on multiple tasks, meets timelines, and prioritizes work to optimize support.

*To see full job listing and apply, go to:
https://sjobs.brassring.com/TGWebHost/jobdetails.aspx?SID=%5eLqyEFJQ9WPCwS5yjOwGLsxucJB
zIszeDO_slp_rhc_ERE89SsKJ27X0_slp_rhc_PaDXmgCFM8LB7_slp_rhc_3m&jobId=1174115&type
=search&JobReqLang=1&recordstart=1&JobSiteId=5341&JobSiteInfo=1174115_5341&GQId=0

Research Associate/ Scientist

Title: Research Associate/ Scientist (ARLG)
School: Harvard School of Public Health
Department: Center for Biostatistics in AIDS Research

Department Description:
The Center for Biostatistics in AIDS Research (CBAR) in the Department of Biostatistics at the Harvard T.H. Chan School of Public Health has an immediate opening for a Research Associate/ Scientist to work on 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).

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 applied and methodological research skills, (3) interest in problems motivated by research in antibiotic resistance, (4) strong SAS or R programming with simulation abilities, (5) creativity, and (6) effective communication skills with an ability to work with a multi-disciplinary research team of scientists and clinicians.

Project Description:
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.

The Research Associate/ Scientist will work on statistical strategies for the design, data monitoring, analyses, and reporting of clinical trials and diagnostics studies in the ARLG. Scientific inquiries can be sent to Scott Evans (evans@sdac.harvard.edu).

Contact Information: To apply please send CV, cover letter, unofficial copy of Ph.D. transcript and email contact information for 3 professional references to: Rachel Sotak at rsotak@sdac.harvard.edu.

Research Associate/ Scientist

Title: Research Associate/ Scientist (ACTG)
School: Harvard School of Public Health
Department: Center for Biostatistics in AIDS Research

Position Description:
The Center for Biostatistics in AIDS Research (CBAR) in the Department of Biostatistics at the Harvard T.H. Chan School of Public Health has an immediate opening for a Research Associate/ Scientist statistician to work in the AIDS Clinical Trials Group (ACTG) and other infectious diseases projects. The ACTG is a very large NIH-funded collaborative clinical trials network with an international research agenda focused on the treatment and cure of HIV infection and associated co-morbidities, particularly end organ diseases, tuberculosis and viral hepatitis. Successful applicant will join over 100 statisticians, epidemiologists and research staff collaborating on the design, monitoring, analysis and reporting of Phase I through Phase IV clinical trials, diagnostic studies and observational studies. Applicants should have the potential to take a leadership role in the ACTG and the ability to: work as part of collaborative teams in designing, conducting and reporting results from clinical trials and observational studies; provide the statistical expertise for and lead the statistical work on studies including mentoring and supervising other staff; and develop a self-initiated research agenda related to their HIV and infectious diseases research projects. The position may include statistical methods research for someone with an appropriate background. This position provides an opportunity to be a leader in a new generation of statistician-trialists. This is a term appointment, renewable upon mutual consent.

Basic Qualifications:
Doctoral degree in biostatistics or related field. Research Associate position is available for new doctoral graduates. Research Scientist appointment requires at least two years clinical trials or related applied experience beyond doctorate. Applicants should demonstrate evidence of the ability to conduct collaborative and methodological research and work independently in the design, conduct, monitoring and analysis of trial and observational studies. Applicants should also demonstrate strong quantitative and communication skills and have interest in assuming a leadership role. Experience with multi-center clinical trials a plus.

Contact Information: To apply please send CV, cover letter, unofficial copy of Ph.D. transcript and email contact information for 3 professional references to: Rachel Sotak at rsotak@sdac.harvard.edu.

Colby College – Tenure Track Assistant Professor of Statistics

Tenure-track assistant professor, beginning September 1, 2016. The department of mathematics and statistics seeks a third statistician to join an established, vibrant program. The successful candidate will teach five statistics courses per year and maintain an active research program. A Ph.D. in statistics or biostatistics is required along with evidence of exceptional teaching and mentoring at the undergraduate level. Preference will be given to candidates whose research interests are in applied statistics.

To apply, provide cover letter, curriculum vitae, statements on teaching and research, and a sample of current scholarship. Please arrange for at least three letters of recommendation to be submitted directly by the recommenders, at least one of which must address teaching. Colby strives to be a community that is supportive of diverse perspectives and identities. To that end, candidates should describe their commitment to diversity in their teaching and/or scholarship in the cover letter. We welcome interpretations of diversity in the broadest sense. All materials should be submitted online at www.mathjobs.org.

Review of applications will begin on November 15, 2015, and will continue until the position is filled.

Colby is a highly selective liberal arts college of approximately 1850 students located in central Maine. The college is three hours north of Boston and has easy access to lakes, skiing, the ocean and other recreational and cultural activities. For more information about the position and the department, visit www.colby.edu/math.

Colby is a private, coeducational liberal arts college that admits students and makes employment decisions on the basis of the individual's qualifications to contribute to Colby's educational objectives and institutional needs. Colby College does not discriminate on the basis of race, color, gender, sexual orientation, gender identity or expression, disability, religion, ancestry or national origin, age, marital status, genetic information, or veteran's status in employment or in our educational programs. Colby is an Equal Opportunity employer, committed to excellence through diversity, and encourages applications from qualified persons of color, women, persons with disabilities, military veterans and members of other under-represented groups. Colby complies with Title IX, which prohibits discrimination on the basis of sex in an institution's education programs and activities. Questions regarding Title IX may be referred to Colby's Title IX coordinator or to the federal Office of Civil Rights. For more information about the College, please visit our website: www.colby.edu

Assistant Professor of Statistics
University of Maine

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, strong potential for obtaining external research funding and excellent written and oral communication skills are also required. 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 over 11,000 students. The Department offers BA and MA degrees in mathematics, and minors in mathematics and statistics. 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.

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 would contribute to the teaching and research missions of the department), 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 HireTouch "Apply for Position" below. http://umaine,hiretouch.com or the direct link https://umaine.hiretouch.com/job-details?jobID=29704&job=assistant-professor-of-statistics You will need to create a profile and application before uploading these materials. **Incomplete applications cannot be considered.**

General correspondence about this position should be sent to chair@math.umaine.edu. **Screening of applications will begin December 3, 2015 and will continue until the positions are 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.

Length:
Academic Year (Sept-May)
Required Documents:
Cover Letter, Job Support Document, Resume/CV, Summary of Research Acc., Teaching Philosophy

Mgr. Research Support Data Ctr Ops
Harvard Pilgrim Health Care Institute

Company Information: Serving Massachusetts, New Hampshire, Maine and Connecticut, Harvard Pilgrim Health Care is an independent, not-for-profit, health services company contracted with more than 28,000 doctors and 135 hospitals in our network. As a recognized leader in health care, we are poised to build on our success, improve outcomes for our members and answer some of the most pressing health care questions.

Position Title: Mgr. Research Support Data Ctr Ops

Duties and Responsibilities:
- Lead the programming/analytic operations of the RSDC. Oversee plans for data development for research purposes
- Maintain up-to-date knowledge of computer hardware and software and implement changes to improve processes of the RSDC and upgrade hardware or software.
- Review project requests and data budgets, assign project work to programmer/analysts, and supervise RSDC programming staff.
- Manage data and analysis tasks on multiple epidemiological research projects for internal and external customers. Depending on the nature of the project, may work with a project team that includes many levels of staff, or may work independently with the investigator. Supports all aspects of the project, including work plan development, project design, developing SAS programs, data problem identification and resolution and results reporting.
- Develop, design, clean, manage, and analyze data from all corporate systems using Linux and PC software. In addition to utilizing corporate databases, will also utilize data developed from surveys, chart reviews, PC databases, and external sources.
- Develop working knowledge of and facility in accessing data structure and contents of all HPHC data sources including: hospital claims, outpatient claims, pharmacy, enrollment and benefits data.
- Develop working knowledge of technical and software tools required to access, utilize and analyze data from all HPHC systems environments. Assimilate and learn new technical tools, software and data systems to accommodate continuous changes in technical environment.
- Independently document project tasks and specifications. Responsible for managing project work according to work plan, and for successful completion of project goals within project timeline using effective time-management skills. Identify and recommend alternative data/methods to meet project needs in most efficient way.
- Manage databases for multiple projects, create and manage data documentation procedures and data dictionaries.
- Develop and perform data quality control activities.
- Utilize knowledge of analytic and statistical concepts, techniques, and methods in daily work.
- Utilize knowledge of epidemiologic and health services research concepts and methods in daily work.

Position Qualifications:
- **Education:** Bachelor's degree in related field (i.e. computer programming, public health, and statistics)
- **Experience:** 10+ years of practical experience programming or conducting analyses in a health care environment or related field, or an equivalent combination of education and experience.

Preferred Skills/Qualifications:

- Excellent computer skills, including database management and proficiency in statistical software (proficient knowledge of SAS and SQL required).
- Candidate should possess strong programming/coding skills and prior experience retrieving, manipulating and analyzing data on UNIX computer systems. Working knowledge of TERADATA and SQL is a plus.
- Demonstrated ability to learn new technical tools and software applications, and work with variety of data and data sources.
- Ability to utilize basic project planning skills, concepts and tools, including relevant software.
- Demonstrated ability to work on projects with multiple investigators simultaneously.
- Knowledge of study design, research methodology, statistical analysis, and data management.
- Excellent interpersonal, oral, and written communication skills.

Contact Email: susan_ricardi@harvardpilgrim.org

Quantitative Analyst
NMR Group, Inc.

About NMR Group, Inc.

NMR provides evaluation services for administrators of energy-efficiency and renewable energy programs, helping clients not only evaluate these programs but also assess the complex markets in which the programs operate. We provide clients with the research-based information and insights needed to help them focus program efforts based on the realities of the market, to measure the impacts of energy.-efficiency and renewable energy programs, and to provide strategic guidance for improving program design and delivery.

Posted: November 5, 2015
Location: Somerville, Massachusetts
Salary: Open
Type: Full Time - Experienced
Categories: Data analysis/processing, Forecasting/modeling, Sampling/sample design
Preferred Education: Masters

Tenure Track Statistics and Analytics Mathematics and Science Division
Babson College

Location: Wellesley, MA
Posted: 09/22/2015
Type: Full Time

The Mathematics and Science Division of Babson College invites applications for a tenure-track appointment to begin fall semester 2016. Candidates should have a Ph.D. degree in an appropriate quantitative field, an active research program with an interest in interdisciplinary scholarship, and an outstanding teaching record in applied statistics, analytics or related mathematical topics. We are looking for colleagues with an enthusiasm for developing and delivering innovative quantitative courses for undergraduate business and MBA students.

The successful candidate will join our division which includes thirteen tenured or tenure track faculty, several full-time lecturers and a few part-time instructors. We encourage and support scholarship by providing reasonable teaching loads (typically four sections per year for new Assistant Professors), small class sizes, excellent technological support, and competitive travel funding. We value collaboration across disciplines and between institutions.

All undergraduate students at Babson take at least four courses in our division, including a two semester sequence that includes statistical modeling along with some topics from calculus, operations research and mathematics of finance. We also teach a number of undergraduate electives open to all students who have completed the required sequence. Many of the students who choose our electives are completing one of our four undergraduate quantitative concentrations (Business Analytics; Computational and Mathematical Finance; Quantitative Methods; Statistical Modeling). We also support an interdisciplinary MBA concentration in Business Analytics.

Please see: http://www.babson.edu/Academics/divisions/math-science/Pages/course-listings.aspx for information on our current Quantitative Methods (QTM) courses.

Electronic applications should be submitted through https://babson.peopleadmin.com. Paper applications will not be accepted. Please include: (1) a cover letter, (2) a current curriculum vitae, and (3) a 1-2 page statement of teaching philosophy and (4) names and contact information for two or more references that may later be contacted for letters of recommendation, at least one of which can address teaching. For full consideration materials should be submitted by December 1, 2015. We may continue to review materials submitted after this time until the position is filled.

Babson College, located 14 miles west of Boston, is an independent school of management that takes a unique approach to preparing undergraduates, graduate students, and working professionals for the challenges of the modern business world. Babson's dynamic curriculum focuses on developing skills that transcend business so that students gain multidimensional abilities and can make important contributions to business and society. Our students understand that economic and social value creation are not mutually exclusive, but instead are integral to each other. The fundamental business skills and entrepreneurial mindset they cultivate at Babson equip them to make a difference on campus and around the world.

Babson has nearly 2,000 full-time undergraduate students and more than 1,300 full and part-time graduate students. Our highly diverse student body hails from 45 U.S. states and 57 countries. Non-U.S. student comprise more than 20% of undergraduate students and more than 40% of our full time graduate students. Babson offers a Bachelor of Science degree, MS and MBA programs, and executive education programs worldwide.

We seek faculty who are aligned with our values of teaching excellence, collaboration, diversity and inclusiveness, and those who embrace our mission to educate leaders who create great economic and social value everywhere. We seek candidates who are eager to engage as educators among a diverse student community.

College-wide Faculty Requirements:
We are looking for an accomplished scholar who:
- Is passionate about teaching and who has a proven track record of teaching excellence and innovative curriculum development
- Brings depth in scholarly or practical expertise that will add to the intellectual community of the College.
- Is a team player, willing to lead and collaborate with faculty from multiple disciplines to design and teach courses in an integrated, cross-disciplinary context.
- Is experienced in teaching, service, and scholarship in ways that will enhance the college's commitment to diversity and inclusion.
- Will be a fun, engaging, helpful colleague who is committed to the success of Babson College.

Online App. Form: http://www.Click2Apply.net/tbxqj6rdpy

Full time non-tenure track lecturer,
Quantitative Methods Mathematics and Science Division
Babson College

Location: Wellesley, MA
Posted: 09/22/2015
Type: Full Time

The Mathematics and Science Division of Babson College invites applications for a full time, non-tenure track lecturer appointment to begin fall semester 2016. A Ph.D. degree in an appropriate quantitative field is preferred, though a candidate who has a Master's degree and strong relevant experience may be considered. We seek candidates with outstanding teaching record in applied statistics, analytics or related mathematical topics. We are looking for colleagues with an enthusiasm for developing and delivering innovative quantitative courses for undergraduate business and MBA students. The candidate chosen should also have an active professional career, which may include traditional discipline-specific research, the scholarship of learning and teaching, or work in inter-disciplinary applications.

The successful candidate will join our division which includes thirteen tenured or tenure track faculty, several full time lecturers and a few part-time instructors. The lecturer will teach six course-sections per academic year. Some of the sections may be from our two semester undergraduate sequence that includes statistical modeling along with some topics from calculus, operations research, and mathematics of finance. Others may be higher level undergraduate courses including a course in business analytics, or courses from Babson's graduate programs, which are described in detail at: http://www.babson.edu/Academics/graduate/Pages/default.aspx

Job Requirements
The lecturer will play a key role in working with concentration advisors to recruit and advise the students who choose one of our four undergraduate quantitative concentrations (Business Analytics; Computational and Mathematical Finance; Quantitative Methods; Statistical Modeling). We also support an interdisciplinary MBA concentration in Business Analytics. Please see: http://www.babson.edu/Academics/divisions/math-science/Pages/course-listings.aspx for information on our current Quantitative Methods (QTM) courses.

Electronic applications should be submitted through https://babson.peopleadmin.com Paper applications will not be accepted. Please include: (1) a cover letter, (2) a current curriculum vitae, (3) a brief (1-2 page) statement of teaching philosophy and (4) names and contact information for two or more references that may later be contacted for letters of recommendation, at least one of which can address teaching. For full consideration materials should be submitted by January 15, 2016. We may continue to review materials submitted after this time until the position is filled.

College Summary:
Babson College, located 14 miles west of Boston, is an independent school of management that takes a unique approach to preparing undergraduates, graduate students, and working professionals for the challenges of the modern business world. Babson's dynamic curriculum focuses on developing skills that transcend business so that students gain multidimensional abilities and can make important

contributions to business and society. Our students understand that economic and social value creation are not mutually exclusive, but instead are integral to each other. The fundamental business skills and entrepreneurial mindset they cultivate at Babson equip them to make a difference on campus and around the world.

Babson has nearly 2,000 full-time undergraduate students and more than 1,300 full and part-time graduate students. Our highly diverse student body hails from 45 U.S. states and 57 countries. Non-U.S. student comprise more than 20% of undergraduate students and more than 40% of our full time graduate students. Babson offers a Bachelor of Science degree, MS and MBA programs, and executive education programs worldwide.

We seek faculty who are aligned with our values of teaching excellence, collaboration, diversity and inclusiveness, and those who embrace our mission to educate leaders who create great economic and social value everywhere. We seek candidates who are eager to engage as educators among a diverse student community.

College-wide Faculty Requirements:
We are looking for an accomplished scholar who:
- Is passionate about teaching and who has a proven track record of teaching excellence and innovative curriculum development
- Brings depth in scholarly or practical expertise that will add to the intellectual community of the College.
- Is a team player, willing to lead and collaborate with faculty from multiple disciplines to design and teach courses in an integrated, cross-disciplinary context.
- Is experienced in teaching, service, and scholarship in ways that will enhance the college's commitment to diversity and inclusion.
- Will be a fun, engaging, helpful colleague who is committed to the success of Babson College.

PI91889211

Online App. Form: http://www.Click2Apply.net/wcq96z4m45

Postdoctoral Fellow
Boston University School of Medicine

Company Information: BUSM is located on the Boston University Medical Campus which includes the Schools of Medicine, Public Health and Dentistry, Boston Medical Center. BUSM is home for several large interdisciplinary centers and institutes including the National Emerging Infectious Disease Laboratory, Whitaker Cardiovascular Institute, Spivack Neuroscience Center, and Genome Science Institute which are resources for collaboration with a wide array of nationally recognized clinical and basic researchers. The research environment is enhanced by state-of-the-art computing facilities including the Massachusetts Green High Performing Computer Cluster (http://www.mghpcc.org/), a highly interactive group including several faculty-level genetic epidemiologists, strong statistical genetics and bioinformatics training programs, a University-wide Statistical Genetics Working Group, and a molecular genetics core facility within the Biomedical Genetics division enabling genetics research in large populations.

Position Title: Postdoctoral Fellow

Duties and Responsibilities: The Biomedical Genetics division at Boston University School of Medicine is seeking a researcher to participate in ongoing and new projects aimed at understanding the genetic basis of Alzheimer disease. This position will include analysis of high throughput data (genome wide association and exome chip arrays, genome/exome/RNA sequencing, and targeted gene resequencing) for several local and multi-center projects including the Alzheimer Disease Genetics Consortium and the national Alzheimer Disease Sequencing Project.

Position Qualifications: Applicants should have completed or be in the process of completing a PhD or equivalent. Preferred fields of study and training include Genetic Epidemiology, Biostatistics/Statistics, Bioinformatics, Human Genetics, and Applied Mathematics. Programming skills in R (or other programming and statistical software) as well as experience with large datasets is strongly desired and should be indicated in the cover letter. US citizenship or permanent resident status is preferable but not required.

Salary Range: a competitive salary will be offered
Website: http://www.bumc.bu.edu/genetics

Application Information: Interested applicants should send a cover letter, curriculum vitae, and three letters of recommendation by e-mail to Dr. Lindsay Farrer (farrer@bu.edu); phone:(617) 638-5393; fax: (617) 638-4275

Preceptor in Statistics
Dept. of Statistics, Harvard University

The Department of Statistics seeks applications for a Preceptor in Statistics. The appointment, which will be associated with undergraduate statistics courses, is expected to begin on July 1, 2016. The preceptor's responsibilities will include: Recruit, train, and manage the teaching fellows/assistants and Study Network facilitators; Assist in the training of teaching fellows/assistants in all Statistics Department courses; Serve as Head Teaching Assistant and Teaching Assistant in one or more sections, depending on course enrollments; Assist the faculty course heads with course administration for the undergraduate courses in Statistics, which have a combined annual enrollment of approximately 1500; Provide assistance with course development.

The position is for one year, renewable on a yearly basis for up to eight years. For candidates with exceptional qualifications and extensive relevant experiences, the initial appointment can be made for three years. In all cases, reappointment is contingent upon performance and curricular need.

Basic Qualifications
The successful applicant should have a minimum of a Master's degree, or equivalent, in Statistics, Biostatistics or closely related field, and demonstrated excellence in teaching statistics at the introductory level.

Additional Qualifications
A strong academic record, especially at the graduate level, and prior experiences in training teaching fellows/teaching assistants are strongly preferred. Organizational ability, strong interpersonal and communication skills, and managerial ability are essential.

Contact Information
> Betsey Cogswell
> Department of Statistics
> Harvard University
> 1 Oxford Street
> Cambridge, MA 02138
> mailto:mcogswell@stat.harvard.edu

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

Minimum Number of References Required   3

Assistant/Associate Professors
Harvard T.H. Chan School of Public Health

Department of Biostatistics
655 Huntington Avenue
Building II 4th floor
Boston, MA 02115
http://www.hsph.harvard.edu/biostatistics/
Position Title: Assistant/Associate Professors of Statistical Genetics/Genomics and Computational Biology

Duties and Responsibilities: The Department of Biostatistics at the Harvard T.H. Chan School of Public Health (SPH) seeks outstanding candidates for two tenure-track positions at the assistant or associate professor level in the areas of statistical genetics/genomics and computational biology. We seek candidates with strong backgrounds in biostatistics, statistical genetics and genomics, computational biology, bioinformatics, systems biology, computer science, or related fields, with the potential to become leaders in the development and application of statistical and computational methods for analysis of genetic and genomic data. Candidates should also be enthusiastic for teaching, training, and mentorship through the graduate program. Responsibilities will include methodological and collaborative research, teaching, and supervision of graduate students.

Position Qualifications: Candidates are required to have a doctorate or terminal degree in biostatistics, statistics, computational biology, computer science, or allied fields by the time the appointment begins.

Benefits: Harvard University seeks to find, develop, promote, and retain the world's best scholars and is an Affirmative Action/Equal Opportunity Employer. Applications from women and minority candidates are strongly encouraged.
Information on resources for career development and work/life balance at Harvard T.H. Chan SPH can be found at: http://hsph.me/resources-career-development-and-work-life-balance.

Website: http://www.hsph.harvard.edu/

Application Information: Please apply to: https://academicpositions.harvard.edu/postings/5755
For questions, please contact:
> Chair, Search Committee for Assistant/Associate Professors of Statistical Genetics/Genomics
> and Computational Biology
> c/o Vickie Beaulieu
> Department of Biostatistics
> Harvard T.H. Chan School of Public Health
> biostatjrsearch@hsph.harvard.edu

Contact Email: vbeaulie@hsph.harvard.edu

Assistant/Associate Professor of Biostatistics in Big Data
Harvard T.H. Chan School of Public Health

Department of Biostatistics
655 Huntington Avenue
Building II, 4th floor
Boston, MA 02115

Position Title: Assistant/Associate Professor of Biostatistics in Big Data

Duties and Responsibilities: The Department of Biostatistics at the Harvard T.H. Chan School of Public Health (SPH) seeks outstanding candidates for one tenure-track position at the assistant or associate professor level in the area of statistical and computational science for big data in health science.
For this position, we seek candidates with a strong background in biostatistics, data science, computer science, or related fields, with the potential to become leaders in the development and application of statistical and computational methods for big data in health science. We seek candidates who are enthusiastic for teaching, training, and mentorship through the graduate program. Responsibilities will include methodological and collaborative research, teaching, and supervision of graduate students.

Position Qualifications: Candidates are required to have a doctorate or terminal degree in biostatistics, statistics, computer science, machine learning, or allied fields by the time the appointment begins.

Benefits: Information on resources for career development and work/life balance at Harvard T.H. Chan SPH can be found at: http://hsph.me/resources-career-development-and-work-life-balance.

Website: http://www.hsph.harvard.edu/biostatistics/

Application Information: Please apply to: https://academicpositions.harvard.edu/postings/6469
For questions, please contact:
     Chair, Search Committee for Assistant/Associate Professor of Big Data
     c/o Vickie Beaulieu
     Department of Biostatistics
     Harvard T.H. Chan School of Public Health
     Email: biostatjrsearch@hsph.harvard.edu

Contact Email: vbeaulie@hsph.harvard.edu

Postdoctoral Research in Causal Inference Methodology
Harvard T.H. Chan School of Public Health

Duties and Responsibilities: The Departments of Biostatistics (Harvard T.H. Chan School of Public Health) and Health Care Policy (Harvard Medical School) are seeking candidates with PhD in Statistics/Biostatistics for a two-year postdoctoral position beginning as soon as December 2015. Position involves the development of causal inference methodology with application in comparative effectiveness research in the context of big data. The successful candidate will collaborate with Francesca Dominici, Sharon-Lise Normand, Sherri Rose or Corwin Zigler.

Position Qualifications: Doctoral degree in Statistics, Biostatistics, or a related field; familiarity in Bayesian modeling, instrumental variables approaches, and machine learning techniques are encouraged. Excellent communication and writing skills desired.

Benefits: Harvard University seeks to find, develop, promote, and retain the world's best scholars. Harvard is an Affirmative Action/Equal Opportunity Employer. Applications from women and minority candidates are strongly encouraged.
Information on resources for career development and work/life balance at SPH can be found at: Career development and work/life balance (http://www.hsph.harvard.edu/faculty-affairs/postdoctoral-research-fellows/postdoc-benefits/).

Website: http://www.hsph.harvard.edu/biostatistics/fellowship-opportunities/#causal

Application Information: Interested applicants please send CV and have at least two referees send letters to biostat_postdoc@hsph.harvard.edu. In your application, please reference "Causal Inference Postdoc." We will be accepting applications until December 30, 2015 or the position is filled, whichever comes first.

Contact Email: biostat_postdoc@hsph.harvard.edu

Application Deadline: 04/29/2016

Postdoctoral Position- Inference Methodology for Big Data
Harvard Medical School

Company Information: The Department of Health Care Policy at Harvard Medical School is one of only a few academic departments of health policy nationwide located in a medical school. As such, HCP has the rare ability not only to foster the careers of physicians and social scientists (including economists, sociologists, and statisticians) but also to develop close research ties with multiple clinicians at the Harvard-affiliated teaching hospitals. Since our founding in 1988, we have moved steadily to develop rich research and teaching programs.

Our wide-ranging research includes broad topics on financing and delivery of health care, quality of care, studies on special and disadvantaged populations (including those with mental disorders), and access to care. We have recently begun large-scale efforts related to benefit design and the care of the elderly. In many cases, these applied studies are augmented by fundamental contributions in statistics and biostatistics. Further information is available under the biographies of our award-winning faculty and in the publications section.

Our teaching program covers a broad spectrum of the Harvard community. HCP faculty teach undergraduates at Harvard College, students at Harvard Medical School, doctoral students in the university-wide PhD Program in Health Policy, master's students at the Harvard School of Public Health, and, as of 2006, students in the combined MD/MBA program with Harvard Business School. The department hosts several graduate students and postdoctoral fellows, as well as visiting scholars. We invite you to learn more about the depth and breadth of this unique department--a place where we not only carry out research on today's critical health care policy issues but also guide those who will help shape tomorrow's policy decisions. The issues we address affect all Americans, regardless of age, ethnicity, race, or income. Please explore our website and contact us if you would like more information.

Duties and Responsibilities: The Department of Health Care Policy (Harvard Medical School) is seeking candidates with a PhD in Statistics/Biostatistics/Econometrics for a two-year postdoctoral position beginning December 2015 (flexible). Position involves the development of causal inference methodology with applications in comparative effectiveness research in the context of big data. Areas of interest include Bayesian methods, double robust estimators, machine learning, precision medicine, instrumental variables, and analyses of claims data. Expertise in these areas is not necessary. Harvard University seeks to find, develop, promote, and retain the world's best scholars. Harvard is an Affirmative Action/Equal Opportunity Employer. Applications from women and minority candidates are strongly encouraged.

Position Qualifications: Qualifications: Doctoral degree in Statistics, Biostatistics, or a related field; familiarity in Bayesian modeling, instrumental variables approaches, and machine learning techniques are encouraged. Excellent communication and writing skills desired.

Website: http://www.hcp.med.harvard.edu/employment
Application Information: Additional Information: Interested applicants please send CV and at least two recommendation letters Caroline Wood at wood@hcp.med.harvard.edu.
Application Deadline: 02/01/2016

Visiting Assistant Professor in Statistics and Data Science
Mount Holyoke College

Company Information: Mount Holyoke is an undergraduate liberal arts college for women with 2,200 students and 230 faculty. Over half the faculty are women; one-fourth are persons of color. Mount Holyoke College is located about 80 miles west of Boston in the Connecticut River valley, and is a member of the Five College Consortium consisting of Amherst, Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts. Mount Holyoke is committed to fostering multicultural diversity and awareness in its faculty, staff, and student body and is an Equal Opportunity Employer. Women and persons of color are especially encouraged to apply.

Duties and Responsibilities: Mount Holyoke College invites applications for a Visiting Assistant Professor in Statistics and Data Science for a period of up to four years to begin in fall 2016. We seek individuals who apply innovative computational techniques to a diverse array of datasets to reveal novel patterns and insights. Such techniques may include advanced statistical analyses, mathematical models, machine learning, visualization, and other approaches to working with big data. Successful candidates will be housed within the Department of Mathematics and Statistics, and will be part of a three hire Data Science cluster that will interact with and contribute to a growing interdisciplinary Data Science program at the College (http://www.mtholyoke.edu/acad/faculty/curricular-initiatives/data-science) and the Women in Data Science initiative funded by MassMutual (https://www.mtholyoke.edu/media/massmutual-partnership-propels-women-data-science).

Position Qualifications: Applicants are expected to have a doctorate. The applicant should have a strong commitment to research and undergraduate teaching; a research program that can easily accommodate and encourage undergraduates is crucial. The candidate is expected to teach three courses per year in his or her area of expertise at the College as well as one graduate-level course in the applicants' area of expertise at the MassMutual Data Science Labs.

Application Information: Applications must be made on-line at https://jobs.mtholyoke.eduby submitting a CV and three statements concerning (1) teaching philosophy, (2) research plans, and (3) mentoring a diverse student body. Applicants should also arrange to have three letters of reference submitted on their behalf. We can access letters of recommendation onhttp://www.mathjobs.org/jobs if applicants indicate that preference in their cover letter. Please note, you will still be required to provide contact information for three references online at https://jobs.mtholyoke.edu. Review of applications will begin on Monday, November 2 and continue until the positions are filled. We recommend early submission because electronic prompts to referees will be generated automatically (and letters of reference accepted) only after the completed application has been submitted. For more information, please contact datascience@mtholyoke.edu.

Contact Email: datascience@mtholyoke.edu

Assistant / Associate / Full Professor
Department of Mathematics and Statistics
University of Massachusetts, Amherst

Duties and Responsibilities: The Department of Mathematics and Statistics at the University of Massachusetts, Amherst, invites applications for a full-time tenure track position in Predictive Modeling and Data Science at the Assistant Professor level to begin in the Fall semester of 2016. Candidates whose research interests complement the strengths of the Department's faculty in Applied Mathematics and Statistics are particularly encouraged to apply. Mathematicians and statisticians who work at the intersection of applied and computational mathematics, statistics and data science are especially encouraged to apply. Areas of interest include, but are not restricted to: Bayesian methods, computational probability, data assimilation methods, high-performance computing for complex systems, information theory, inverse problems, machine/statistical learning, Monte Carlo methods, non-parametric and "p > n" theory and methods, queueing systems and networks, stochastic algorithms and optimization, uncertainty quantification. We are seeking talented applicants qualified for an assistant professor position. Under exceptional circumstances, highly qualified candidates at other ranks may receive consideration.

Position Qualifications: Applicants must present strong evidence of outstanding research accomplishments and promise in both research and teaching. Applicants are required to have a Ph.D. in Mathematics, Statistics or a related field by the time of appointment. Information about the Department may be found at http://www.math.umass.edu.

Application Information: Review of applications will begin on October 30, 2015 and continue until a suitable candidate pool has been identified. To apply, please submit the following required documents electronically through MathJobs.org: A cover letter, an AMS Standard Cover Sheet, a curriculum vitae, a publication list, a description of research, and a statement about teaching interests and experience. The applicant must also have at least four letters of recommendation submitted, of which one must support the applicant's effectiveness as a teacher.

Contact Email: ingraham@math.umass.edu

Visiting Assistant Professor
University of Massachusetts, Amherst

The Department of Mathematics and Statisticshttp://www.math.umass.edu invites applications for Visiting Assistant Professor positions (non-tenure track) to start September 1, 2016.

Duties and Responsibilities: Exceptional promise in research and a commitment to outstanding teaching at all levels of the curriculum are expected. The search will encompass the following areas: Algebra and Number Theory, Algebraic Geometry, Analysis and Partial Differential Equations, Applied and Computational Mathematics, Differential Geometry and Topology, Mathematical Physics, Probability, Representation Theory and Lie Theory, and Statistics.

Position Qualifications: Candidates should have completed the Ph.D. by the beginning of the appointment. The initial appointment is for one year and is ordinarily renewable for two additional years.

Application Information: To apply, please submit the following required documents electronically through http://www.mathjobs.org: A cover letter, an AMS Standard Cover Sheet, a curriculum vitae, a publication list, a description of research, and a statement about teaching interests and experience. The applicant must also have at least four letters of recommendation submitted, of which one must support the applicant's effectiveness as a teacher. Questions about the position should be directed to vap-search@math.umass.edu. For additional information about the application process, please contact Christine Ingraham (ingraham@math.umass.edu).

Review of applications will begin November 23, 2015. Applications will continue to be accepted until a suitable candidate pool has been identified.

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 perspectives, 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.

Contact Email: ingraham@math.umass.edu

Assistant or Associate Professor (Tenure Track)
University of Massachusetts Lowell

UMass Lowell is located about 25 miles northwest of Boston in the high-tech corridor of Massachusetts.

The Mathematical Sciences Department at the University of Massachusetts Lowell invites applications for one or more full-time tenure-track faculty positions at the rank of Assistant Professor or Associate Professor to start on September 1, 2016. Preference will be given to statisticians with an established research record relating to statistical methods that apply to large-scale data mining, image analysis or related fields.

Duties and Responsibilities: The successful candidates will be expected to initiate and/or participate in funded research programs, and contribute to the department's teaching mission by teaching courses in the candidate's area of specialty.

Normal teaching load for untenured tenure-track faculty: two 3-credit courses per semester.

Position Qualifications:
- An earned Doctorate in Mathematics, Statistics or a related discipline (must have Doctorate at the time of application)
- A record of quality research
- The ability to work effectively with diverse groups
- Other Considerations:

Salary Range: Competitive – highest range of AMS Masters Group
Benefits: Comprehensive
Website: https://jobs.uml.edu
Application Information: In order to be considered an official applicant, you must submit your application online through our applicant tracking system.
Position open until filled.
Contact Email: kenneth_levasseur@uml.edu
Application Deadline: 12/31/2015

Assistant Professor of Mathematics
Wellesley College

Wellesley College is a highly selective liberal arts college for women with 2200 students (http://www.wellesley.edu). Our beautiful campus is located in the suburbs approximately 15 miles from Boston and Cambridge. The teaching load is two courses per semester and tenure-track faculty are eligible for a year-long pre-tenure research leave after three years of teaching. Further information about our department can be found at http://www.wellesley.edu/Math/.

Duties and Responsibilities: Wellesley College invites applications for a tenure-track assistant professor position in the Mathematics Department, to begin in Fall 2016. We seek candidates who have demonstrated superb teaching, and who are interested in mentoring students. Preference will be given to candidates with a Ph.D. in mathematics, applied mathematics, or statistics who can enhance our course offerings in statistics and applied mathematics. The strongest candidates will have experience beyond the doctorate and have already established an excellent and ongoing research program with expected future progress. We value demonstrated ability to effectively teach students from diverse backgrounds.

Website: http://www.wellesley.edu/Math/

Application Information: Applications should be submitted online at www.mathjobs.org. Applications should include a cover letter, a curriculum vitae, at least three letters of recommendation (at least one of which evaluates teaching), a description of research accomplishments and plans (written for non-specialists), and a statement of teaching philosophy. Applications should be submitted by November 30, 2015 to ensure full consideration.

Wellesley College is an Affirmative Action/Equal Opportunity Employer, and we are committed to increasing the diversity of the college community and the curriculum. Candidates who believe they can contribute to that goal are encouraged to apply.

Application Deadline: 11/30/2015

Assistant Professor Mathematical Statistics
Worcester State University

Worcester State University is a liberal arts and sciences university with a long tradition of academic excellence, offering 61 undergraduate majors and minors and 31 graduate-level programs. Worcester State is deeply rooted in the greater Worcester community, with students in a variety of programs contributing more than 100,000 hours of service through hundreds of community partners. The Worcester State campus is centrally located in Massachusetts and nestled in the residential northwest side of Worcester.

Duties and Responsibilities: The Department of Mathematics at Worcester State University invites applications for a full-time tenure-track appointment in statistics or probability to begin in September 2016. Applicants with backgrounds in theoretical statistics, applied statistics, biostatistics, probability or actuarial science are preferred. We are seeking someone to contribute to the development of upper-level data analysis and probability courses to support our Statistics and Modeling concentration and our actuarial track. The successful candidate will have opportunities to work in partnership with the WSU Computer Science faculty on their new concentration in big data analytics. WSU is part of the Higher Education Consortium of Central Massachusetts, an association of twelve local institutes, which provides opportunities for collaboration with researchers and educators. Class sizes are limited to 25 students for upper level classes and 32 for lower level.

Position Qualifications: Candidates must demonstrate a commitment to excellent undergraduate teaching. A Ph.D. in Mathematical Sciences or Statistics from an accredited institution by August 2016 required. Responsibilities include a teaching load of 12 credits per semester, advising, continued scholarly activity, and service to the department and university.

Salary Range: Salary and rank commensurate with education and experience.
Benefits: The position includes full state benefits.
Website: https://worcester.interviewexchange.com/static/clients/362WSM1/index.jsp

Application Information: Initial screening of applications will begin 11/16/15 and will continue until the position is filled. All applicants must apply online at: http://worcester.interviewexchange.com. Necessary documents for submission include a CV, Letter of Interest and Letter of Teaching Philosophy, 3 letters of recommendation signed and dated within the last six months, along with an official transcript (in a sealed envelope) of the highest degree sent by the Registrar's office of the institution where they received such degree.

All information that can be uploaded to one's e-account should be done so by the applicant; information which cannot may be faxed to 508-929-8163 or emailed to jrodriguez7@worcester.edu, or may be sent to the following address:

> Director of Human Resources
> Worcester State University
> 486 Chandler Street
> Worcester, MA 01602-2597
> Contact Email: jrodriguez7@worcester.edu

Application Deadline: 12/12/2015

Postdoctoral Fellowship in Biostatistics Geisel School of Medicine at Dartmouth

A postdoctoral fellow in biostatistics or related discipline is sought to conduct innovative methodological and applied research at the intersection of causal inference and survival analysis. The two-year position is funded by a three-year Patient Centered Outcomes Research Institute (PCORI) award to develop and evaluate instrumental variable methods for survival time data using observational data. The successful candidate will be jointly appointed in the Department of Biomedical Data Science and The Dartmouth Institute for Health Policy and Clinical Practice, and will work under the mentorship of biostatisticians Dr. James O'Malley and Dr. Todd MacKenzie and Econometrician Dr. Doug Staiger. Appointment for the second-year is contingent on satisfactory performance in the first year. Salary is competitive and benefits are outstanding.

Applicants should have a doctoral degree in biostatistics, statistics or a related field and be interested in performing research in statistical methods and its novel application. A background in survival analysis, instrumental variable methods, structural equation modeling, or non-parametric modeling will be helpful but not necessary. Submissions should include a letter of application, curriculum vitae, and names and contact information for three references. Review of applications will commence immediately and will continue until the position is filled.

Applicant materials should be e-mailed or mailed to:

Post-doctoral fellowship search
Department of Biomedical Data Science and The Dartmouth Institute
Attention: Julie Doherty
Geisel School of Medicine at Dartmouth
Level 5, Williamson Translation Science Building
1 Medical Center Drive, Lebanon NH 03756, USA

Julie.R.Doherty@Dartmouth.edu

For more details, please see the website https://bmds.dartmouth.edu/open-fellowship-position-biostatistics or contact James.OMalley@Dartmouth.edu with questions about the position.

Lecturer, Statistics
University of Rhode Island

Company Information: The Department of Computer Science and Statistics was established in 1967, making it the first formal department of computer science in New England. Today we offer the following programs: Computer Science - BA, BS, MS, PhD; Statistics - MS; Cybersecurity - Minor, Graduate Certificate, and Professional MS; Digital Forensics - Minor and Graduate Certificate. The department is now moving in several interdisciplinary directions. The department has strong representation in a new computational statistics and machine learning working group; and is participating in a multi-college Big Data, HPC (high performance computing), and Computational Science initiative. Many of us have partnered with and consulted for colleagues in other disciplines, including Art, Biology, Chemistry, Engineering, and Environmental Science. We look forward to strengthening our research, education, and outreach in multiple dimensions in the future. For more information, visithttps://www.cs.uri.edu/about-us/.

Duties and Responsibilities: This position is full-time academic year, and is limited to 06-30-2017 with extension contingent on funding. The basic duties include the following. 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.

Position Qualifications:
REQUIRED:
1. Master's Degree in Statistics, biostatistics or closely-related field in hand at time of starting employment.
2. Demonstrated experience teaching undergraduate Statistics courses.
3. Demonstrated knowledge of best practices for working with diverse groups (as demonstrated, for example, through past professional experiences and/or teaching statement).

PREFERRED:
1. Demonstrated experience and/or working knowledge of new and promising techniques/approaches for the enhancement of learning outcomes and retention in Statistics courses;
2. Demonstrated experience in/or knowledge of experiential learning, peer instruction, hybrid instruction and/or other promising pedagogical approaches for instruction;
3. Demonstrated awareness of the emerging discussions in the STEM community around critical problem-solving and the need to provide students with a firm grounding in fundamental statistical constructs taught through multi and interdisciplinary examples using modern tools and approaches;
4. Demonstrated experience teaching classes larger than 50 students.
5. Demonstrated strong oral, written and interpersonal communication skills.

ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.

The University of Rhode Island is AA/EEOD employer. Women, persons of color, protected veterans, individuals with disabilities, and members of other protected groups are encouraged to apply.

The search will remain open until filled. First consideration will be given to applications received by February 14, 2016. Second consideration may be given to applications received by March 14, 2016. Applications received subsequent to the second consideration date (March 14, 2016) may not be given full consideration.

Application Information: Visit http://jobs.uri.edu/postings/904 to apply and view complete job posting (#SF00181). Please attach 4 (PDF) documents to your online Faculty Profile Application: (#1) Cover Letter, (#2) Curriculum Vitae, which should include the names and contact information of three references, (#3) Statement of teaching and advising philosophy (as one pdf), (#4) "Other Document" to include a summary of teaching evaluations (as a single PDF) document.

Contact Email: jpeckham@uri.edu

Application Deadline: 02/14/2016

Assistant Professor of Biostatistics/Statistics– Tenure Track
University of Vermont

Founded in 1791, the University of Vermont (UVM) has been called one of the "public ivies" and is consistently ranked as one of the top public universities in the United States. UVM is a comprehensive research university with a current enrollment of over 12,000 undergraduate, graduate, and medical students. The scientific and academic environments in the Department of Mathematics and Statistics, the College of Engineering and Mathematical Sciences, and throughout the UVM community are dynamic, highly collaborative, and multi-disciplinary. The University is located in Burlington, Vermont. Burlington is rated as one of the best small cities in America for quality of living and features year-round outdoor recreation and cultural events. Greater Burlington has a population of approximately 150,000 and enjoys a panoramic setting on Lake Champlain, bordered by the Adirondack and Green Mountains.

Duties and Responsibilities: The Department is seeking applications from qualified individuals whose research complements that of the existing statistics faculty and has relevance to biostatistics. Expertise in one or more of the following areas is highly desirable: high-dimensional modeling, Bayesian analysis, modeling of failure time data, statistical learning, and statistical genetics. Interest and experience in cross-disciplinary collaborations is also highly desirable. The department has existing collaborations with the UVM College of Medicine, particularly with the Vermont Cancer Center, and several programs within and outside of the university. The successful candidate will be expected to develop an independent program of methodological research, while cultivating collaborations with other investigators, as well as contribute to the educational mission.

Position Qualifications: Applicants must have an earned doctoral degree in statistics, biostatistics or a closely related field, a strong research record, the ability to teach a variety of undergraduate and graduate statistics courses, and the potential to supervise master's students.

Website: http://www.uvm.edu/~cems/mathstat/

Application Information: All application materials must be submitted online athttp://www.uvmjobs.com (search position number 005888). Applicants must submit a current curriculum vitae identifying their specific area of expertise, a cover letter, a detailed statement of teaching philosophy, a detailed statement of research interests, and the names and contact information of three references.

UVM is an Equal Opportunity/Affirmative Action Employer and actively encourages applications from women, veterans and people with diverse racial, ethnic, and cultural backgrounds. The College of Engineering and Mathematical Science is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their teaching and/or service.
For more information about this position, the College, and the University, please go to www.uvm.edu/cemsfac_search or http://www.uvm.edu/~cems/mathstat/

Contact Email: mathsec@uvm.edu
Application Deadline: 12/01/2015

Visiting Assistant Professor
Connecticut College

Connecticut College is a private, highly selective institution with a demonstrated commitment to outstanding faculty teaching and research. Recognizing that intellectual vitality and diversity are inseparable, the College has embarked on a significantly successful initiative to diversify its faculty, student body and curriculum. The College seeks creative scholars excited about working in a liberal arts setting, with its strong focus on engaged teaching, participation in shared governance, and active involvement in an institution-wide advancement of diversity.

Connecticut College values the contributions visitors bring to our community and encourages them to participate actively in the life of their departments and all aspects of campus life during the course of their appointment. Visiting faculty are initially participating members of the faculty and voting members in their second and subsequent years; their presence is welcome at all faculty meetings.

Duties and Responsibilities: Connecticut College invites applications for a full-time visiting position in mathematics, to begin in the fall of 2016. The initial appointment will be for a single year, but will be renewable for another year. Appointment will be at the rank of assistant professor.

The teaching load for a full-time visitor is three courses per semester. Candidates will be expected to teach introductory statistics courses and should also be comfortable teaching courses in calculus. Other courses will depend on the candidate's own interests and departmental needs, and may include discrete mathematics, linear algebra, intermediate statistics courses such as regression techniques, or more advanced courses in mathematics or statistics.

Position Qualifications: Strong preference will be given to applicants with a Ph.D. in mathematics, statistics, or a closely related field; under exceptional circumstances, candidates will be considered who have completed all requirements for a Ph.D. other than the dissertation.

Website: http://conncoll.edu

Application Information: Review of applications will begin on December 4, 2015 and will continue until the position is filled. To apply, please submit a curriculum vitae; copies of graduate transcripts; three letters of recommendation (at least one of which directly addresses teaching); and teaching and research statements. Applications must be submitted through MathJobs.org.

Preliminary interviews will be conducted in January 2016, either by telephone or at the Joint Mathematics Meetings in Seattle. Please indicate in your application whether or not you plan to attend the Joint Meetings.

Contact Email: kamck@conncoll.edu

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. It 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 T. H. Chan School of Public Health
Department of Biostatistics
http://www.hsph.harvard.edu/biostatistics/
http://www.hsph.harvard.edu/biostatistics/seminars-events/

Massachusetts Institute of Technology
Institute of Data, Systems, and Science
http://idss.mit.edu/index.php/event/stochastics-and-statistics-seminar-series/

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/

Worchester 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	
President, 2015-16	James MacDougall, Consultant
Program Chair, 2013-16	John McKenzie, Babson College
Program Vice-Chair, 2013-16	Robert Goldman, Simmons College
Vice-President, 2014-15	Vanessa Xanthakis, Boston University
Secretary, 2014-15	Eugenie Coakley, John Snow, Inc.
Treasurer, 2014-15	Lisa Mukherjee, Consultant
Council of Chapters Representative, 2015	Mingfei Li, Bentley University
Past President, 2015-16	Tom Lane, MathWorks
Webmaster, 2013-16	Ching-Ti Liu, Boston University
Newsletter Editor, 2015-16	Yan Dong, OPKO Diagnostics, Inc.
BCASA COMMITTEE CHAIRPERSON	
Mu Sigma Rho	Liam O'Brien, Colby College