

# BCASA NEWSLETTER

## Boston Chapter of the American Statistical Association

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

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

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### SCHEDULED EVENTS & MEETINGS

<b>September 26, 2015</b>	<b>New England Symposium on Statistics in Sports</b>	<b>Cambridge, MA</b>
<b>October 8, 2015</b>	<b>BCASA Evening Lecture: Preparing Statisticians for the Workplace</b>	<b>Boston, MA</b>
October 1, 2015	Lagakos Award Lecture and Ceremony	Boston, MA
October 7-9, 2015	2015 International Conference on Health Policy Statistics	Providence, RI
October 9, 2015	Statisticians Impacting Clinical Care Lunch	Boston, MA
<b>October 17, 2015</b>	<b>New England Isolated Statisticians Meeting</b>	<b>Newton, MA</b>
November 4, 2015	Second Annual Analytics using SAS®	Southfield, RI
<b>November 4, 2015</b>	<b>BCASA Evening Lecture: Presentation by ASA President</b>	<b>Boston, MA</b>
November 16, 2015	Connecticut Valley Mathematics and Statistics Colloquium	Amherst, 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](mailto:mckenzie@babson.edu).

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## ***PROGRAM CHAIR REPORT***

John McKenzie

This is my third report as Program Chair. Below is a summary of the Chapter's events for the year beginning in September of 2014. I also want to thank the many volunteers who gave generously of their time and facility space during the year.

The ASA's second largest chapter continues to be one of its most active chapters. In the past year it has organized 13 events (one mini-symposium, two banquets, five lectures, one short course, and one Potluck Dinner and Holiday Party) and sponsored three events (one meeting, one competition, and one seminar). We have also agreed to publicize with the Boston INFORMS Chapter each other's events. I look forward to another year of chapter events and hope that you will be able to attend many of them.

Date	Event	Location
Tuesday, September 30, 2014	BCASA Evening Lecture Series: A Conversation with Bob O'Neill	Kendall Square, Cambridge
Wednesday, October 15, 2014	BCASA Evening Lecture Series: The Surprising Evolution of Probability	Harvard University, Cambridge
Saturday, November 1, 2014	New England Isolated Statistics Meeting	Boston College, Newton
Thursday, November 6, 2014	BCASA Evening Lecture Series: Infographics	BB&N, Cambridge
Saturday, December 6, 2014	Mini-Symposium and Banquet to Celebrate ASA 175th Anniversary	Simmons College, Boston
Saturday, January 17, 2015	Annual Winter Potluck Dinner and Party	Ljungs, Lexington
Tuesday, February 17, 2015	Mosteller Statistician of the Year Banquet	Simmons College, Boston
Wednesday, March 4, 2015	BCASA Evening Lecture Series: Gambling and Statistics: Beyond the Games	Wheelock College, Boston
Friday-Sunday, March 27-29, 2015	Five-College DataFest	University of Massachusetts, Amherst
Wednesday, April 8, 2015	Seminar on Statistical Practice	Boston University, Boston
Thursday, June 18, 2015	BCASA Evening Lecture Series: Big Data and Data Quality	MIT, Cambridge
Friday, June 26, 2015	Short Course on Patient-Reported Outcomes: Measurement, Implementation and Interpretation	BU Medical Campus, Boston

## *EVENING LECTURE SERIES*

### **Preparing Statisticians for the Workplace**

**Fotios K. Kokkotos, Ph.D. PSTAT® | Partner & Accredited Professional Statistician™**  
**TRINITY PARTNERS, LLC**

**Date:** Thursday, October 8, 2015

**Time:** Light Dinner: 6:15 pm; Presentation: 7:00 pm

**Location:** Room 705, Science Center, Harvard University, Cambridge, MA

**Directions, Transportation, Parking, and Site Map:** <http://www.harvard.edu/visitors/directions>

**Cost:** Dinner: \$8 for chapter members; \$10 for non-members; students free.

Presentation: free.

**Registration:** <http://www.eventbrite.com/e/preparing-statisticians-for-the-workplace-tickets-18788097706?aff=es2>

Registration requested by October 6.

#### **Abstract:**

What does it take to succeed as a statistician in the workplace and are students receiving adequate training? In this discussion, we examine our experiences in developing statisticians in the consulting industry and propose some areas of focus for programs that are grooming the next generation of statisticians.

In its simplest form, success as a statistician hinges on the ability to effectively balance two skillsets – technical (e.g., methods) and soft skills (e.g., communication). While it is important to be able to perform an analysis, it is equally as important to be able to tell someone what you've done, why it's important and what the results mean. Our experience in hiring leads us to believe that technical skills are not in short supply; rather, it is those soft skills that are hard to find.

Schools tend to focus on theory, spending less time on how to effectively communicate it to others, particularly non-statisticians. Statisticians would be better prepared for the workplace if they had additional training in active listening, conveying ideas and building rapport. It should be considered a compliment to be called the great consultant that also happens to be a statistician.

#### **Keywords:**

Skills development, communication, college training, consulting

#### **Speaker Biography:**

Dr. Fotios Kokkotos is an accredited professional statistician (PStat®) by the American Statistical Association with 20 years of experience in statistical consulting. Dr. Kokkotos specializes in the analysis of massive and complex health care datasets using sophisticated statistical techniques. Dr. Kokkotos has a wide range of experience in many areas of statistics, including but not limited to modeling patient health outcomes, sampling theory, survey designs, statistical modeling and forecasting, statistical computing, categorical data analysis, nonparametric statistics, stochastic processes, time series and mathematical finance. Dr. Kokkotos has an extensive knowledge and research completed with secondary public health data. His current research interests are the application of statistics, data mining and statistical computing in efficiently exploring and integrating very large databases under the constraints of shared distributed memory and concurrent programming algorithms. Dr. Kokkotos has been the author and reviewer of numerous articles and poster presentations in many scientific journals and conferences.

Prior to joining Trinity Partners, Dr. Kokkotos held the position of senior statistician at the global statistics practice of PricewaterhouseCoopers LLP, where he provided statistical support to clients from various industry sectors that included life sciences, financial services, telecommunications and consumer products. Dr. Kokkotos has also been an adjunct faculty member of statistics at the American University in Washington, D.C. Dr. Kokkotos is a long time member of the American Statistical Association, the American Mathematical Society, the Mathematical Association of America, and the International Society for Pharmacoecconomics and Outcomes Research. Dr. Kokkotos obtained a doctorate degree in mathematical statistics from The American University.

## *EVENING LECTURE SERIES*

### **A Presentation by the President of the America Statistical Association**

**David R. Morganstein, Vice President and Director, Statistical Staff at Westat, Inc.,**

**Date:** Wednesday, November 4, 2015

**Time:** Reception: 5:45 p.m., Dinner: 6:15 pm; Presentation: 7:00 pm

**Location:** Kotzen Room, Beatley Library and Lefavour Hall, Simmons College, 300 The Fenway, Boston, MA

**Directions:** <http://www.simmons.edu/about-simmons/contact-us> (includes map and directions)

**Parking:** \$6 with registration

**Cost:** Dinner: \$8 for chapter members; \$10 for non-members; students free.

Presentation: free.

**Registration:** <http://bcasa2015morganstein.eventbrite.com>. Registration requested by October 30.

The Boston Chapter of the American Statistical Association welcomes the return of President David R. Morganstein to the birth city of the Association. In this presentation he will explain the importance of communication for statisticians in academia, industry, and government. He will also give an update of the current activities of the ASA. Among the topics he will discuss are his four presidential initiatives (Mentoring, JSM Docents, Stat 101 Toolkit, and Stats.org, a Blog on All Things Statistical). All such initiatives align with the Association's strategic plan. The first supports Membership Growth, while the second supports Meetings. Both are under the theme "The ASA as 'The Big Tent for Statistics'". The third supports Education and the fourth Public Awareness. The latter two initiatives are related to "Increasing the Visibility of the Profession" theme. There will be an ample opportunity for questions and comments at the end of the presentation.

#### **Speaker Biography:**

David R. Morganstein, President, Board of Directors Morganstein is Vice President and Director, Statistical Staff at Westat, Inc., where he has worked for more than 38 years. At Westat, he directs a unit of 70 statisticians and survey methodologists. Morganstein specializes in the design and application of surveys and systems of evaluation, quality control, statistical analysis and estimation. He leads research and development tasks that improve or enhance Westat's survey and census projects and has developed best practices for several key survey processes. A member since 1972, Morganstein is an ASA Fellow who has served the association as treasurer, vice president, an at-large member of its Board of Directors and a member of several committees. He was honored with the ASA's Founders Award for distinguished service. He is an elected member of the International Statistical Institute and a Special Faculty in the Joint Program in Survey Methodology at the University of Maryland. He also serves on the George Mason Statistics Department's Advisory Board. He earned a bachelor's in electrical engineering from Purdue University and a master's in statistics from the University of Michigan. In 2010 Morganstein was among the first 31 ASA members to be awarded PStat accreditation.

## ***EVENTS & MEETINGS***

### **2015 International Conference on Health Policy Statistics**

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

### **Statisticians Impacting Clinical Care: Practice-Changing Clinical Trials**

The Dana-Farber/Harvard Cancer Center Biostatistics and Computational Biology Program hosts an annual lunch to discuss topics related to biostatistics and computational biology as well as topics from related departments, such as population science and cancer biology. The purpose of the workshop is to bring program members together to learn about emerging areas in cancer research with substantial statistical content and encourage new collaborations. Speakers come from both inside and outside the DF/HCC community.

**Speakers:**

"Practice Changing Trials from ECOG-ACRIN" Judith Manola, MS Biostatistician Dana-Farber Cancer Institute

"The International Metastatic Renal Cell Carcinoma (mRCC) Database Consortium (IMDC) Prognostic Model: Development, Validation, and Relevance in Clinical Practice" Wanling Xie, MS Biostatistician Dana-Farber Cancer Institute

"Changing the Care of Breast Cancer: The IBCSG Statistical Center" Meredith Regan ScD Associate Professor of Medicine Dana-Farber Cancer

Friday, October 9, 2015, 12:00 PM – 3:00 PM. DFCI, Yawkey Conference Center. For more info visit [app.smartsheet.com](http://app.smartsheet.com).

### **20th New England Isolated Statisticians Meeting (NEISM20)**

The 20th New England Isolated Statisticians Meeting (NEISM20) will be held on Saturday, October 17, 2015.

The meeting will take place at Boston College in Newton, Massachusetts. This annual event is a wonderful opportunity for statisticians isolated (usually, but not always, in mathematics departments) to discuss topics related to teaching statistics. The organizers would particularly like to encourage new statistics teachers and instructors who have not attended previous NEISMs to come to NEISM20.

The event is sponsored by the Boston Chapter of the American Statistical Association and is free. We ask only that participants pay for their own transportation. If you know of someone who may be interested in this event, please do forward this notice to them. To register for NEISM20 or for further information simply email Bob Goldman ([robert.goldman@simmons.edu](mailto:robert.goldman@simmons.edu)) or John McKenzie ([mckenzie@babson.edu](mailto:mckenzie@babson.edu)).

Space is limited and so the organizers urge you to register ASAP.

## **Second Annual Analytics using SAS® Event at Bryant University**

The Bryant University Advanced Applied Analytics Center is inviting you to the second annual Analytics using SAS® event at Bryant University on Wednesday, November 4th in the Bello Center.

Please join us for exciting information about Bryant's successful Graduate Certificate in Business Analytics program that began in January 2015. This certificate program leads to a joint certificate in Business Analytics from Bryant University and the SAS Institute. Speakers from the SAS Institute, the private sector, and academia will visit Bryant at this event to discuss topics including "Big Data" in business, marketing and data mining.

The keynote address will be given at 9:30am by Carlos Lara, Principal Solutions Architect, SAS Institute. The topic of his presentation is "What is Relevant?" - The Key Question when Working with Big Data.

Other speakers include Dierdre Heisler, Director of Analytical Consulting at Epsilon Corporation who will discuss uplift modeling using SAS Enterprise Miner, Andre de Waal, Analytical Consultant at SAS, who will present and demonstrate SAS Text Analytics and an additional speaker to be confirmed shortly.

A continental breakfast and lunch are provided free of charge to all of our attendees.

Parking at Bryant is a bit tight this year due to ongoing construction. Please try to carpool and let us know on the registration form if you are bringing a car and need a parking sticker, Thank you!

Please register at <https://www.eventbrite.com/e/analytics-using-sas-november-4-2015-tickets-18575902023>.

## Connecticut Valley Mathematics And Statistics Colloquium

Hosted by Amherst College Department of Mathematics and Statistics

Keynote Speech by:

Xihong Lin, PhD

Harvard T.H. Chan School of Public Health

### *Statistical Analysis of Big Genetics and Genomics Data*

Abstract: The human genome project in conjunction with the rapid advance of high throughput technology has transformed the landscape of health science research. The genetic and genomic era provides an unprecedented promise of understanding genetic underpinnings of complex diseases or traits, studying gene-environment interactions, predicting disease risk, and improving prevention and intervention, and advancing precision medicine. A large number of genome-wide association studies conducted in the last ten years have identified over 1,000 common genetic variants that are associated with many complex diseases and traits. Massive targeted, whole exome and whole genome sequencing data as well as different types of -omics data have become rapidly available in the last few years. These massive genetic and genomic data present many exciting opportunities as well as challenges in data analysis and result interpretation. They also call for more interdisciplinary knowledge and research, e.g., in statistics, machine learning, data curation, molecular biology, genetic epidemiology and clinical science. In this talk, I will discuss analysis strategies for some of these challenges, including rare variant analysis of whole-genome sequencing association studies; analysis of multiple phenotypes (pleiotropy), and integrative analysis of different types of genetic and genomic data.

Monday, November 16, 2015

4:30 pm

206 Seeley Mudd Building

Refreshments — 4:00 pm

208 Seeley Mudd

RSVP by Tuesday, November 10, 2015

to [awtorrey@amherst.edu](mailto:awtorrey@amherst.edu)

Dinner — 5:45 pm

O'Connor Commons

Choice of Chicken or

Vegetarian entree

Reservations required

## **NEWS & ANNOUNCEMENTS**

### **DeGruttola Wins 2015 Lagakos Award**

The Department of Biostatistics of Harvard T. H. Chan School of Public Health congratulates Dr. Victor DeGruttola as this year's recipient of the 2015 Lagakos Distinguished Alumni Award, in recognition of his leadership in HIV/AIDS research, his achievements and innovation in statistical methodology, and his leadership and service to the Department.

This Award serves to honor the career of Professor Stephen Lagakos by recognizing Department alumni whose research in statistical theory and application, leadership in biomedical research, and commitment to teaching have had a major impact on the theory and practice of statistical science.

Dr. DeGruttola completed his doctoral studies in 1986 under advisor Dr. Jim Ware. The following year, Victor took a post-doc under the mentorship of Dr. Stephen Lagakos focusing his research on the newly recognized AIDS epidemic. In 1987, he joined the faculty of Biostatistics at the Harvard T.H. Chan School of Public Health. In 1996 he was promoted to full professor and served as Chair of the Department from 2009-2104. Dr. DeGruttola is a Fellow of the ASA and has served on the advisory committees for the FDA, AMFAR and NIAID.

Dr. DeGruttola started work on his graduate studies in biostatistics just as the AIDS epidemic was taking hold. He brought the attention of his colleagues to the new public health crisis, and encouraged the Department to take a leadership role in the AIDS crisis both in coordinating clinical trials by leading the ACTG Stat and Data Analysis Center and also by working with biostatisticians, physicians and epidemiologists on tracking the epidemic in the US and globally.

Dr. DeGruttola's publications span important clinical and statistical journals, and account for over 4,000 citations. Victor once said that he considers it his purpose in life to "develop, apply, and use quantitative methods and quantitative thinking to defend the interest of vulnerable people", and has focused this mission on one of the most important health crises of our lifetime.

The Lagakos Distinguished Alumni Award lecture and award ceremony will take place on Thursday, October 1, 2015 at 4pm in Room G2 of the Kresge Building at Harvard T.H. Chan School of Public Health. A reception will follow this talk.

Information of this event can be found at

<http://alumni.sph.harvard.edu/s/1319/02-HSPH/index.aspx?sid=1319&gid=2&pgid=1136&crd=0&calpgid=61&calcid=2053>



## **Debashis Ghosh Named Myrto Lefkopoulou Distinguished Lectureship**

The Department of Biostatistics at the Harvard T. H. Chan School of Public Health named Debashis Ghosh, Ph.D., Professor and Chair of the Department of Biostatistics and Informatics at the Colorado School of Public Health, University of Colorado Anschutz Medical Campus, the 2015 Myrto Lefkopoulou Distinguished Lecturer. The lecture was presented on Thursday, September 24, at the Harvard T. H. Chan School of Public Health. The title of the talk was "Kernel Machines: Back to the Future". A reception followed the lecture.

The lectureship was established in perpetuity in memory of Dr. Myrto Lefkopoulou, a faculty member and graduate of Harvard School of Public Health. Dr. Lefkopoulou tragically died of cancer in 1992 at the age of 34 after a courageous two-year battle. She was deeply beloved by friends, students, and faculty.

Each year the Myrto Lefkopoulou Lectureship is awarded to a promising statistician who has made contributions to either collaborative or methodological research in the applications of statistical methods to biology or medicine, and/or who has shown excellence in the teaching of biostatistics. Ordinarily, the lectureship is given to a statistician who has earned a doctorate in the last fifteen years.

## **Local Fellow of the ASA**

May Beth Landrum was one of the 62 statisticians named a 2015 Fellow of the ASA. The BCASA member is a Professor of Health Policy at the Harvard Medical School-Department of Health Care Policy. Congratulations to May!

## **ASA Youden Award Recipient**

Edo Airoidi and his coauthors have been awarded the 2015 W. J. Youden Award in Interlaboratory Testing from the American Statistical Association for their JASA paper on "Estimating a Structured Covariance Matrix from Multilab Measurements in High-Throughput Biology" that appeared in JASA earlier this year. He is an associate professor in the Harvard Statistics Department. Congratulations!

## Patient-Reported Outcomes at Boston University

On June 26, 2015, the Boston Chapter of the ASA and the Boston University Biostatistics Department co-sponsored a short course on Patient-Reported Outcomes at Boston University, taught by Joseph C. Cappelleri and Andrew G. Bushmakin. The course was based on the speakers' recently published book *Patient-Reported Outcomes: Measurement, Implementation and Interpretation*. There were over 50 attendees at the short course including graduate students, statisticians from the industry and the academia, as well as other professionals in the health care and marketing industries.



**PRO Short course speakers Andrew G. Bushmakin (right) and Joseph C. Cappelleri (center); and Boston Chapter ASA President Jim MacDougall (left).**

## Second Annual ASA DataFest Held at University of Massachusetts-Amherst

This past spring, the Boston Chapter sponsored the second annual ASA Five College DataFest, held at the University of Massachusetts, Amherst. Seventy-nine undergraduates from across the five institutions - Amherst, Hampshire, Mt. Holyoke, Smith, and UMass - competed to gain insights into a rich and complex data set that was provided by Edmunds.com, the online resource for car shopping. The event spanned a full weekend and culminated in two parallel sessions of short presentations by each team to a panel of judges consisting of Becky Sweger from 18F, R. Jordan Crouser from the Computing and Analytics Group at MIT Lincoln Laboratory, Marc Maier from MassMutual Data Labs, Wendy Wang from Williams College, and two representatives from Edmunds.com. The students were encouraged to devise their own angle on their analysis, from creating appropriate research questions to communicating their findings in a clear and compelling manner. Guiding them through this process were graduate students and faculty members from the Five Colleges as well as working data professionals from across the region. Prizes were awarded for "Best in Show", "Best Pitch", "Best Understated Insight", "Best Business Value", "Best Use of External Data", and "Most Engaging Presentation".

The Five College event was one of seven that occurred across the country, joining UCLA, Duke, Emory, Penn State, Purdue, and the University of Maryland. More details on past events can be found in the Amstat News article, "Big Data goes to College" (<http://magazine.amstat.org/blog/2014/06/01/datafest>) and the recent President's Corner column, "A Festival of Data: Student Perspectives" (<http://magazine.amstat.org/blog/2014/09/01/sept2014-pres-column/>). DataFest is now in its sixth year and second under ASA sponsorship, and the DataFest planning group has developed materials to assist any institution that is interested in hosting their own event. If you are interested in hosting DataFest at your own institution, please visit the ASA DataFest's website (<http://www.amstat.org/education/datafest/index.cfm>) to obtain information about how to do so.

A photo of the full group who participated in the Five College event is available online ([http://www.science.smith.edu/departments/math/datafest/wp-content/uploads/2015/03/Datafest\\_2015\\_Participants.jpg](http://www.science.smith.edu/departments/math/datafest/wp-content/uploads/2015/03/Datafest_2015_Participants.jpg)) as are numerous other pictures via the Twitter hashtag #datafest.

For the second year in a row, the Best in Show team came from Smith College. The full list of winners is printed below.

- \* Best In Show: 2β||!2β (Smith College): Galen Long, Sara Stoudt, Zhenzhen Tan, Aiyi Zhang, Vega Zhang
- \* Best Pitch: 95% Confident (Amherst College): Paul Gramieri, Caleb Ki, Levi Lee, Thomas Matthew, and Albert Yu
- \* Best Understated Insight: Team (UMass): Bob Ambrose, Jen Coppola, Brooke Herzog, Tom Jeon, Eugene Siegel
- \* Best Business Value: Jo-Jo ToAlTrev (Amherst College): Johannes Ferstad, Jon Jordan, Thomas Savage, Trevor Smith, Alexander Titelbaum
- \* Best Use of External Data: Women in Black (Amherst College): Muling Si, Jenny Xiao, Qi Xie, Jingwen Zhang
- \* Most Engaging Presentation: The Amazing Technicolor Dream Team (UMass): Brad Beady, Michael Bjorge, Ezra Dantowitz, Jason Gurney

## **Statistical Practice Seminar at Boston University**

On April 8, 2015, the Boston University Student Chapter of the ASA (BUSCASA) in cooperation with the Boston Chapter of the ASA, sponsored a seminar on Statistical Practice. Following dinner, five speakers from a range of diverse backgrounds gave 15-minute presentations outlining the use of statistics in their respective professions. As the majority of the audience were graduate and undergraduate students majoring in statistics, these talks focused on advice for those pursuing future careers in statistics. Of note, the speakers emphasized the capability of communicating statistical methods and conclusions in a clear, concise and effective manner. In addition, the advice on “get involved early” and “learn your client’s industry” was highlighted by various speakers, specifically directed to those interested in the consulting industry. The evening ended with a question-and-answer session in which the audience and the speakers had lively discussions. The speakers included: Dr. Scott Evans, Senior Research Scientist at Harvard University; Dr. Richard Goldstein, Independent Statistical Consultant; Dr. David Hoaglin, Independent Statistical Consultant and Adjunct Professor at the University of Massachusetts Medical School; Dr. Victor S.Y. Lo, VP of Managerial Finance & Analytics at Fidelity Investments; and Najah Shakir, Program Manager at Boston Bikes. BUSCASA plans to make this seminar an annual event.

## **MIT Announces Institute for Data, Systems, and Society**

On July 1 MIT announced the launch of the new Institute for Data, Systems, and Society (IDSS). The new institute “will bring together researchers working in the mathematical, behavioral, and empirical sciences to capitalize on their shared interest in tackling complex societal problems”. IDSS is directed by Munther Dahleh, the William A. Coolidge Professor in the Department of Electrical Engineering and Computer Science. The institute will offer a range of cross-disciplinary academic programs, including a new undergraduate minor in statistics. It will also launch a new MIT center on statistics. A new PhD program anchored in both analytical tools and social sciences is also in the planning stages. The PhD will be problem-driven, requiring every student to gain in-depth expertise in a wide range of analytical tools; deep understanding of a coherent program in social science; and substantial knowledge in one application domain area. More information about the institute can be found at <http://idss.mit.edu>.

On May 14 and 15 IDSS also held a statistics symposium to bring together thought leaders in statistics around exciting challenges created by the new era of data-rich applications. The speakers offered technical presentations in mathematical statistics, machine learning, econometrics, and biostatistics. Videos from the symposium can be found at <http://idss.mit.edu/index.php/event/21st-century-statistics-at-mit-inaugural-symposium/>

## World Statistics Day 2015 is October 20

During World Statistics Day 2015 on October 20, the global statistical community will showcase its achievements and ongoing work that is helping to better the lives of people around the world. To launch this special event, the United Nations Statistics Division has created a website and released a kick-off video that unveils the celebration's logo. The UN encourages the statistical community to embrace this international observance and showcase its achievements and current work to achieve “Better data. Better lives.”— the celebration's theme. The ASA will participate in the celebration. Follow World Statistics Day on Twitter at #StatsDay15.

## INFORMS Presidential Election Reminder

The INFORMS Board of Director election currently in progress and will stay open through September 30. If you are an INFORMS member please remember to vote. Voting is an important part of moving the Society in the direction you see fit. If you are not an INFORMS members you cannot vote. However, perhaps the candidates' statement will still be of interest.

Voting is fast and easy.

- Go to <https://www.informs.org/About-INFORMS/2016-INFORMS-ELECTION>
- Click on candidate names to read bios and statements
- Next click on "Click here to Vote"
- Click on link to request the Election passcode. It will come immediately
- Vote.

## 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](mailto:lobrien@colby.edu).

## **Election Results**

The annual election of chapter officers was held at our event on Tuesday, July 1. The various officer positions have staggered terms. The following were elected to the positions with terms starting in January of 2016:

Miriam Chernoff, Vice President  
Eugenie H. Coakley, Secretary (re-elected)  
Lisa Mukherjee, Treasurer (re-elected)  
Mingfei Li, Chapter Representative (re-elected)

Thanks to these volunteers for stepping forward to keep our chapter running.

## **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](mailto:jamesmacdougall@comcast.net).

## **Nominations for Mosteller Statistician of the Year**

We are seeking nominations for our annual Statistician of the Year award. The BCASA Mosteller Statistician of the Year award is presented each year at a banquet/lecture in February to a distinguished statistician who has made exceptional contributions to the field of statistics and has shown outstanding service to the statistical community and the Boston Chapter. The honoree may be from academia, industry, or government.

Please forward all nominations by October 16, 2015 to James MacDougall, [jamesmacdougall@comcast.net](mailto:jamesmacdougall@comcast.net). Include a brief description of the candidate's qualifications for the award. Voting will take place at a subsequent Planning Committee meeting.

The award holder for the previous year was Scott Evans. A complete list of past winners can be found at <http://www.amstat.org/chapters/boston/awards.html>

## ***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](mailto: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](mailto:evans@sdac.harvard.edu)).

## **JOB OPPORTUNITIES**

### **Lecturer Faculty Position in Statistics at University of Vermont**

The University of Vermont College of Engineering and Mathematical Sciences (UVM CEMS) invites applications for a lecturer (non-tenure-track) faculty position in statistics, with a starting date of August 2016. This will be a full-time teaching position, located within the Department of Mathematics and Statistics.

The successful candidate will possess a master's degree or PhD in statistics, biostatistics, or a related field. Two or more years of teaching experience at the undergraduate college or high school level is desirable.

The successful candidate will be expected to teach the typical course load during each of two semesters per year, and contribute to curriculum enhancement. A modest amount of service and academic advising is also required. The appointment period is 9-months per year. Opportunities for teaching additional courses including summer, online, or hybrid courses may be available for additional compensation. UVM offers generous benefits packages, including health, dental, retirement contributions and tuition remission.

Founded in 1791, UVM has been called one of the "public ivies" and is consistently ranked as one of the top public universities in the United States. The University is located in Burlington, Vermont, also rated as one of the best small cities in America. The greater Burlington area has a population of about 125,000 and enjoys a panoramic setting on the shores of Lake Champlain, between the Green Mountains of Vermont and the Adirondack Mountains of New York. Burlington and the surrounding area provide an environment rich in cultural and recreational activities, with multiple opportunities for interactions with local industry and communities. The College of Engineering and Mathematical Sciences at UVM is one of the fastest growing on campus, with excellent faculty and students in engineering, computer science, and mathematics and statistics; it is a leader in high-profile, multi-disciplinary partnerships across campus.

Applications must be submitted through the UVM website (<https://www.uvmjobs.com> — search Posting #F321PO). The application package should include a cover letter, detailed curriculum vitae, names and emails of three individuals who will be contacted to submit letters of recommendation, and a statement describing teaching interests and teaching philosophy. Review of applications will begin December 1, 2015.

For more information about this position, the College, and the University, please go to [www.uvm.edu/cemsfac\\_search](http://www.uvm.edu/cemsfac_search) or e-mail [mathsec@uvm.edu](mailto:mathsec@uvm.edu).

The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are requested to include in their cover letter information about how they will further this goal.

UVM is an Affirmative Action and Equal Opportunity employer. Applications from women, veterans, individuals with disabilities and people from diverse racial, ethnic, and cultural backgrounds are encouraged.



## **Tenure Track Assistant Professor Department of Mathematical Sciences Bentley University**

The Department of Mathematical Sciences at Bentley University - an independent, private business university located in suburban Boston - is seeking to fill a full time tenure track Assistant Position in Applied Statistics or closely related field beginning in Fall 2016. In exceptional circumstances, the department will consider applications from highly qualified Associate or Full Professors where there is a particular fit with the needs and direction of the department.

In addition to undergraduate degrees in mathematical sciences and actuarial science, the department offers an MS in Business Analytics and participates in the PhD program in Business. By providing teaching and research leadership at all levels of the curriculum, the department is part of a dynamic and expanding arts and sciences program that works closely with the business disciplines. Candidates are encouraged to learn more about our department by visiting <http://www.bentley.edu/mathematics/>.

### **Qualifications:**

Candidates must have completed a doctoral degree in applied statistics or a related field prior to the start of employment. Individuals with research interests that lend themselves to interdisciplinary research and curriculum initiatives in areas compatible with the interests of current department members are especially encouraged to apply. Excellence in teaching undergraduate and graduate courses as well as strong research potential is essential.

Salary, benefits, and teaching load are competitive.

### **How to Apply:**

Interested candidates should apply at <https://jobs.bentley.edu/applicants/Central?quickFind=52754> by submitting a cover letter, current curriculum vita and statements addressing research and teaching interests. In your cover letter, please indicate how your research interests could integrate with those of the department.

You will be prompted during the application to enter reference information. References will be contacted to confidentially upload letters of recommendation. Please ensure at least one of your references addresses your teaching abilities.

For best consideration, all materials should be received by Tuesday, December 1, 2015. Review of applications will begin immediately and continue until the position is filled.

Bentley University requires reference checks and may conduct other pre-employment screening.

Bentley University is an Equal Opportunity Employer, building strength through diversity.

## **Full Professors**

### **Harvard University Department of Statistics**

#### **Position Description**

The Department of Statistics at Harvard University seeks to appoint several positions at the tenured (Full Professor) level for the 2016-17 academic year. We seek exceptionally strong candidates in any field of statistical methodology and/or probability, as well as in any interdisciplinary areas where innovative and principled use of statistics and/or probability are of vital importance.

The appointee will teach and advise students at the undergraduate and graduate levels and will be expected to develop innovative courses at both levels. The appointee will also have administrative responsibilities in the Department and be expected to participate in the intellectual life of the Division of Science, the University, and the wider scholarly community.

The Department is keenly interested in diversifying its faculty and encourages applications from diverse candidates, including from women and minorities.

#### **Basic Qualifications**

A Doctorate or an equivalent terminal degree.

#### **Additional Qualifications**

At the tenured level (Full Professor), we seek candidates who are internationally renowned scholars with well-demonstrated excellence in research, advising, and teaching.

#### **Special Instructions**

#### **Contact Information**

#### **Search Committee**

c/o Betsey Cogswell

Department of Statistics

7th Floor, Science Center

Harvard University

Cambridge, MA 02138

Contact Email [cogswell@stat.harvard.edu](mailto:cogswell@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.

## **Assistant Professor of Statistics Williams College**

The Williams College Department of Mathematics and Statistics invites applications for two tenure-track positions in statistics, beginning fall 2016, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking highly qualified candidates who have demonstrated excellence in teaching and research and who are committed to working with an increasingly diverse student body. The candidates will become the fourth and fifth tenure-track statisticians in the department, joining a vibrant and active statistics group with a newly established statistics major. The teaching load is two courses per 12-week semester and a winter term course every other January. In addition to excellence in teaching, an active and successful research program is expected. The candidate should have a Ph.D. by the time of appointment. We welcome applications from members of groups traditionally underrepresented in the field.

Candidates may apply via [interfolio.com](http://interfolio.com) by uploading their vita and having three letters of recommendation on teaching and research uploaded to <http://apply.interfolio.com/30206>. Teaching and research statements are also welcome. Evaluations of applications will begin on or after November 15 and will continue until the position is filled. All offers of employment are contingent upon completion of a background check. Further information is available upon request. For more information on the Department of Mathematics and Statistics, visit <http://math.williams.edu/>.

Williams College is a coeducational liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please visit the Williams College website (<http://www.williams.edu>). Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

## **Assistant Professor in Biostatistics**

### **Department of Biostatistics at the Boston University School of Public Health**

The Department of Biostatistics at the Boston University School of Public Health (<http://sph.bu.edu/bio>) seeks applicants for an Assistant Professor position to participate in methodological and collaborative research with Biostatistics faculty and investigators from several potential disciplines. The Department of Biostatistics comprises 28 full-time faculty, who are internationally recognized for their innovation in research and scholarship in various areas of biostatistics including statistical genetics, clinical trials, surveillance, longitudinal studies, Bayesian statistics and risk prediction. Biostatistics faculty play leading roles in several large clinical trials and observational studies such as the renowned Framingham Heart Study, Long Life Family Study, Black Women's Health Study, and the Superfund project. Their work has contributed new knowledge on genetic and non-genetic factors for cardiovascular disease, dementia and Alzheimer's disease, osteoporosis and arthritis, nutritional epidemiology, healthy aging and extreme longevity. Many of these findings have been effectively translated into current clinical practice.

The department has a large and successful graduate program, and a federally funded doctoral program for interdisciplinary training of biostatisticians.

Successful applicants will contribute methodological and collaborative research in exciting areas such as statistical genetics, clinical trials and observational studies, and will also participate in teaching and mentoring students in the MA and PhD programs in Biostatistics and in our Master of Public Health.

Applicants should have a Ph.D. in Biostatistics, Statistics, or other quantitatively oriented field. Applicants must have a demonstrated research record, a strong commitment to teaching, and strong communication and writing skills.

Applicants should send their curriculum vitae, a cover letter describing their previous research and teaching experience and career goals, and three letters of reference to Assistant Professor Search Committee, c/o Chary Ortiz ([chary@bu.edu](mailto:chary@bu.edu)).

Inquiries to Dr. Paola Sebastiani, Chair, Search Committee, [sebas@bu.edu](mailto:sebas@bu.edu).

Application review begins November 16, 2015 and applications will be accepted until the position is filled. Boston University is an Equal Opportunity Employer.

Boston University is a non-profit private academic institution. Our policies provide for equal opportunity and affirmative action in employment and admission to all programs of the University.

## **Director of the Center for Survey Research University of Massachusetts, Boston**

The University of Massachusetts Boston seeks an accomplished scholar and a visionary, effective and dedicated leader to be the next Director of its Center for Survey Research (CSR). CSR is a full scale academic survey research center conducting and supporting basic and applied research that contributes to knowledge and understanding of important social issues and sound public policies. Depending on experience and qualifications, the successful candidate will also be considered for a tenured or tenure-track faculty appointment at the rank of Professor or Associate Professor in an academic department appropriate to the candidate's educational background and teaching and research interests.

### **POSITION DESCRIPTION AND DUTIES**

The Director has the overall responsibility of carrying on the Center for Survey Research's strong tradition as a center of excellence in survey research methodologies and social, behavioral, health science, and policy research. The Director will also be responsible for articulating an inspirational vision and formulating an ambitious research agenda for the Center's future. The Director will lead the development and implementation of new survey research methodologies to take the full advantages of available cutting-edge technologies, to adequately respond to the information needs for solving the large-scale, complex and dynamic problems of the twenty-first century, and to best serve the approaches and requirements of the modern Information Age. The Director is expected to maintain a very active and productive externally funded research program. He/she will also be responsible for leading the efforts to secure external funds from federal, state, local and private sources to support the educational, research and service programs of the Center, supervising and supporting the projects of the Study Directors, affiliated faculty, Senior Research Fellows, post-docs, graduate and undergraduate students, managing the Center's budget and personnel, and representing the Center in the University, the community, and various academic and policy arenas. The Director will also serve as a catalyst for interdisciplinary, multidisciplinary or trans-disciplinary research across the campus and in partnership with other academic and research institutions in the United States and around the globe. The Director will participate as part of the University leadership for the emerging research cluster in social, behavioral, and health sciences and policy and global studies.

### **QUALIFICATIONS**

- An earned doctorate in social, behavioral or health sciences, or public administration/public policy
- An excellent record of externally funded projects or programs
- A good understanding of the current issues, approaches, opportunities and challenges in survey research
- Extensive experience in survey research and strong methodological skills
- Proven record of visionary and effective leadership in a survey-related organization
- If a tenured or tenure-track faculty appointment is sought, a strong record of peer-reviewed publications and relevant teaching and student mentoring
- Evidence of successful experience in leading interdisciplinary, multidisciplinary or trans-disciplinary research and interacting with partners and constituencies in complex institutional, policy, or community environments
- Superb communication, team-building and interpersonal skills
- Experience in higher education settings is highly desirable

### **ABOUT THE CENTER FOR SURVEY RESEARCH**

The origins of the Center for Survey Research can be traced to a survey research project team assembled in 1964. In 1968, the entire original survey research staff became part of the Joint Center for Urban Studies of MIT and Harvard, which was directed by Daniel Patrick Moynihan from 1966 to 1969 and by Robert C. Wood, the former Secretary of the U.S. Department of Housing and Urban Development, from 1969 to 1970. After Robert C. Wood was appointed as the President of the University of Massachusetts in 1970, the survey research team moved to the University of Massachusetts Boston in 1971 to formally establish the Center for Survey Research, with Dr. Floyd J. Fowler, Jr. as its founding Director.

The Center for Survey Research is a full scale survey research organization with ongoing professional telephone and in-person interviewing staff, computer assisted telephone interviewing facilities, question design and evaluation expertise, and survey sampling capacity. With the capability to do large scale in-person, telephone, web, and mail surveys, the Center conducts basic and applied research that contributes to the knowledge and understanding of important social issues.

The Center's work ranges from short term consultation on survey design to the investigation, analysis and reporting of major research issues. In addition to seeking funding support of their own specific substantive areas of research, the largest activity of CSR senior staff is to provide high quality methodological expertise and the support staff needed to assist those at UMass Boston, other universities, and state and local government agencies who want to carry out high-quality survey research projects. For most of the past 20 years, the staff of the Center included 5 to 7 Study Directors, Ph.D. level researchers who were responsible for carrying out their own research and working with others to conduct high-quality survey research projects. The Center also includes extensive support staff to assist Study Directors with various practical activities that are essential to the execution of survey projects such as question design and testing, data collection in all forms, creation of data files and analysis. At any time, CSR usually has 15 to 30 active research projects. For most years, external funding to the center ranged from \$2 to \$3 million dollars per year.

For more information, see <http://www.csr.umb.edu/>

#### TO APPLY

Review of applications will begin on September 1, 2015. The search will remain open until a candidate is selected. Applicants must submit online a curriculum vitae, contact information for a minimum of three references, and a cover letter highlighting the relevant educational background, professional experience, accomplishments, and other qualifications for the position: <http://umb.interviewexchange.com/candapply.jsp?JOBID=61532>

UMass Boston provides equal employment opportunities (EEO) to all employees and applicants for employment.

## **Senior Biostatistician**

### **Boston Children's Hospital and Harvard Medical School**

The Division of Gastroenterology, Hepatology and Nutrition and the Clinical Research Center of Boston Children's Hospital seek a Ph.D. biostatistician to support research programs related to digestive diseases, including design and analysis of clinical trials. Faculty appointment will be at the Harvard Medical School. Rank will be commensurate with experience and scholarly contributions. The successful candidate will be expected to collaborate with an array of investigators, participate in teaching biostatistics to clinical faculty, and mentor fellows and junior faculty. Current research areas of emphasis in the Division include inflammatory bowel disease, diarrheal diseases, gastrointestinal motility disorders, short bowel syndrome, outcomes research in endoscopic procedures, mucosal immunology, nutritional epidemiology, hepatic diseases, global health, and clinical nutrition. Candidates should have a strong record of collaborative research with clinical investigators and biostatisticians, contributions to grant applications, and demonstrated ability in the design and analysis of clinical trials and longitudinal studies. Excellent writing and interpersonal skills are required.

Interested candidates should submit a cover letter describing their background and experience, curriculum vitae, and contact information for three references to: Michael Monuteaux ScD, Clinical Research Center, Boston Children's Hospital, 300 Longwood Avenue, GL 144, Boston, MA 02115 (or e-mail [michael.monuteaux@childrens.harvard.edu](mailto:michael.monuteaux@childrens.harvard.edu)).

## **Statistical Research Analyst III**

### **The Dartmouth Institute for Health Policy and Clinical Practice**

Company Information: The Dartmouth Institute for Health Policy and Clinical Practice (TDI) is a dynamic force within Dartmouth College dedicated to improving health care. TDI has a rich history of health services and healthcare delivery science research – from our work on regional care variations to examining how payment models are being formed to implementing patient driven measures into clinical care. Our research portfolio is growing and several of our research teams are hiring. This is an opportunity for individuals at all levels to join us in shaping the national conversation on health policy.

Position Title: Statistical Research Analyst III

#### Duties and Responsibilities:

- Independently develops and runs appropriate statistical tests, based on a protocol provided by the research team.
- Participates in basic strategic planning by providing plans for data management and quality control based on established policies.
- Conducts analysis of data collection and management systems for simple to moderately complex studies.
- Develops specifications for data collection and storage.
- Works with programmers to ensure smooth flow of data from data sources to investigators.
- Helps define and advises on system (hardware/software) requirements for new systems and upgrades and enhancements to existing systems.
- Interacts and collaborates with faculty and operations personnel within the institution and with scientists from other organizations and institutions associated with the research program.
- Participates in the preparation of written grant proposals, research reports, and scientific presentations and published articles.
- Participates in the decisions of the project team on how best to present the statistical evidence relating to publication of research activities.

#### Position Qualifications:

- Strong interpersonal and written communication skills.
- Ability to communicate knowledge effectively to colleagues and researchers.
- Ability to operate with minimal supervision and make sound decisions.
- Expert knowledge of research design and methods.
- Demonstrated ability to quickly absorb new technical knowledge and use analytical skills to resolve complex technical problems.
- Competence in complex database design and programming in Linux-based environments and use of more advanced statistical software (SAS).
- In-depth knowledge of Medicare claims data, including availability, procedure codes, file content and interpretation and file formats.
- Ability to draft instruments and run appropriate statistical tests.
- Ability to develop instruments and related analysis plans.
- Commitment to diversity and to serving the needs of a diverse population.
- Six years of experience in statistical analysis applications in the health care or medical research setting.
- Three years of experience in epidemiologic studies or clinical trials preferred.
- Experience with Medicare data files preferred.
- Master's degree in public health, health policy, health services research or in a quantitative science. Ph.D. preferred.

Benefits: <http://www.dartmouth.edu/~hrs/benefits/index.html>

Website: <http://tdi.dartmouth.edu/>

Application Information: You may apply for this position on the Dartmouth College employment website at: <https://searchjobs.dartmouth.edu/postings/29702>



## **Assistant Professor**

### **Bridgewater State University Department of Mathematics**

The Department of Mathematics at Bridgewater State University is accepting applications for a tenure-track faculty position at the assistant professor level. The Department is seeking a Statistician or Probability Theorist who is passionate about teaching and is dedicated to working with undergraduate students. BSU faculty members teach 12 contact hours each semester. The successful candidates should be prepared to teach a range of courses, from non-majors to upper-level probability and statistics courses for our new statistics concentration. Additionally, the successful candidate will also develop a program of continuing scholarship in which the inclusion of undergraduates is encouraged. Faculty members also advise students, participate in committee work and in departmental curriculum development

The Department of Mathematics is located in the new \$100M Dana Mohler-Faria Center for Science and Mathematics, and in addition to serving over 300 majors, we provide a large number of courses for the general student population.

Applications received by November 15, 2015 will be assured our fullest consideration.

Bridgewater State University is an affirmative action/equal opportunity employer which actively seeks to increase the diversity of its workforce.

The candidate must possess a Ph.D. by September 1, 2016. The applicant must provide evidence of teaching experience, scholarly activity, and a commitment to higher education.

Ph.D. in Statistics or Mathematics and teaching experience is required.

Applicants should be strongly committed to excellence in teaching, advising, service, and research, and to working in a multicultural environment that fosters diversity. They should also have the ability to communicate effectively in speaking and writing, to use technology effectively in teaching and learning, and to work collaboratively.

#### NOTES:

Employer will assist with relocation costs.

Additional Salary Information: Salary is commensurate with qualifications and experience

#### APPLICATION INFORMATION

Contact: Office of Human Resources  
Bridgewater State University  
131 Summer St, Bridgewater, MA 02324  
(508) 531-1000

Online App. Form: <https://jobs.bridgew.edu/applicants/Central?quickFind=57166>

## **Professor**

### **Boston University Department of Mathematics and Statistics**

Position Title: Professor

**Duties and Responsibilities:** The Department of Mathematics and Statistics invites applications for a tenured Professor in Statistics. The position will begin July 1, 2016, subject to final budgetary approval. A strong commitment and record of teaching and research is essential. This position is part of a cluster hire in Statistics, and the ideal candidate would also be interested in serving as the Director of our Program in Statistics. Please submit a cover letter briefly describing your research and teaching interests, a CV, and the names and contact information for three references to [mathjobs.org](http://mathjobs.org), for the Full Professor Statistics Search. Questions about the position and department may be directed to Prof. Tasso Kaper (chair) [tasso@bu.edu](mailto:tasso@bu.edu). Review of applications will begin on November 16, 2015 and will continue until the position is filled. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

**Position Qualifications:** PhD, A strong commitment and record of teaching and research is essential.

**Salary Range:**

**Benefits:**

**Website:** <http://www.bu.edu/math/>

**Application Information:** Please submit a cover letter briefly describing your research and teaching interests, a CV, and the names and contact information for three references to [mathjobs.org](http://mathjobs.org), for the Full Professor Statistics Search. Questions about the position and department may be directed to Prof. Tasso Kaper (chair) [tasso@bu.edu](mailto:tasso@bu.edu).

**Contact Email:** [tasso@bu.edu](mailto:tasso@bu.edu)

**Application Deadline:** 01/04/2016

## **Associate Professor**

### **Boston University Department of Mathematics and Statistics**

Position Title: Associate Professor

**Duties and Responsibilities:** The Department of Mathematics and Statistics invites applications at the tenured Associate Professor level in Statistics. Ph.D. required; salary commensurate with experience. The position will begin July 1, 2016, subject to final budgetary approval. Strong commitment and record of teaching and research is essential. Please submit a cover letter, CV, research statement, teaching statement, and four letters of recommendation, at least one of which addresses teaching, to [mathjobs.org](http://mathjobs.org), for the Associate Professor Statistics Search. Alternatively, have all of the materials sent to ASCP Statistics Search, Department of Mathematics and Statistics, Boston University, 111 Cummington Mall, Boston, MA 02215. Application deadline is December 1, 2015. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor. Women and minorities are especially encouraged to apply.

Position Qualifications: PhD required

Salary Range: Commensurate with experience

Benefits:

Website: <http://www.bu.edu/math/>

**Application Information:** Please submit a cover letter, CV, research statement, teaching statement, and four letters of recommendation, at least one of which addresses teaching, to [mathjobs.org](http://mathjobs.org), for the Associate Professor Statistics Search. Alternatively, have all of the materials sent to ASCP Statistics Search, Department of Mathematics and Statistics, Boston University, 111 Cummington Mall, Boston, MA 02215

Contact Email:

Application Deadline: 12/01/2015

## **Assistant Professor**

### **Boston University Department of Mathematics and Statistics**

Position Title: Assistant Professor

Duties and Responsibilities: The Department of Mathematics and Statistics invites applications for tenure-track Assistant Professor of Statistics. Ph.D. required. The position will begin July 1, 2016, pending final budgetary approval. A strong commitment to research and teaching at both undergraduate and graduate level is essential. Please submit a cover letter, CV, research statement, teaching statement, and four recommendation letters, (one teaching) to [mathjobs.org](http://mathjobs.org). Alternatively, submit materials to Statistics T-T Search, Mathematics and Statistics, Boston University, 111 Cummington Mall, Boston, MA 02215. The application deadline is December 1, 2015. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

Position Qualifications: PhD required

Salary Range:

Benefits:

Website: <http://www.bu.edu/math/>

Application Information: Please submit a cover letter, CV, research statement, teaching statement, and four recommendation letters, (one teaching) to [mathjobs.org](http://mathjobs.org). Alternatively, submit materials to Statistics T-T Search, Mathematics and Statistics, Boston University, 111 Cummington Mall, Boston, MA 02215.

Contact Email:

Application Deadline: 12/01/2015

## **Assistant Professor in Operations Research and Statistics MIT Sloan School of Management**

The Massachusetts Institute of Technology (MIT) Sloan School of Management in Cambridge, MA invites applications for a tenure-track faculty position in the area of Operations Research and Statistics beginning July, 2016 or as soon thereafter as possible. Strong applicants will demonstrate the potential for research and teaching excellence in any of the fields of Operations Research, Statistics, Analytics, and/or Data Science. We are especially interested in candidates who can build a strong methodological research base, contribute to application areas of high impact, and be a successful teacher in our undergraduate, MBA and PhD programs.

Duties will include teaching undergraduate and graduate level courses in this field. Applicants should possess or be close to completion of a PhD in Operations Research, Statistics or relevant field by the start of employment.

Applications must include an up-to-date curriculum vitae, three letters of recommendation, a personal statement describing research and teaching experience (if any), as well as aspirations in research and education. Research papers should also be included if available.

Please submit your application by November 15, 2015 at <https://sloanfacultysearches.mit.edu/OR-STAT>

MIT is an equal opportunity employer committed to building a culturally diverse intellectual community, and strongly encourages applications from women and underrepresented minorities.

## **BCASA REGION STATISTICS SEMINARS**

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

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

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*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.*

<b>BCASA OFFICERS</b>	
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Program Vice-Chair, 2013-16	Robert Goldman, Simmons College
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