BCASA NEWSLETTER

Boston Chapter of the American Statistical Association

Proudly serving

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

Volume 36, No. 1, September 2017

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

E-Mail: BostonChapterASA@gmail.com

SCHEDULED EVENTS & MEETINGS		
September 9, 2017	**Workshop on Teaching Statistics Using R and RStudio**	**Worcester, MA**
September 23, 2017	**2017 New England Symposium on Statistics in Sports**	**Cambridge, MA**
October 2, 2017	Charles River Lectures on Probability and Related Topics	Cambridge, MA
October 13, 2017	**Short Course on Applied Longitudinal Analysis**	**Boston, MA**
October 19, 2017	Lagakos Award Lecture and Ceremony	Boston, MA
November 4, 2017	**Fall Social and Mini-Conference at University of New Hampshire**	**Durham, NH**
November 4, 2017	**New England Isolated Statisticians Meeting**	**Easton, MA**
December 5, 2017	**Undergraduate Teaching Award Lecture**	**Cambridge, MA**
January 2018, TBD	**BCASA Annual Winter Potluck Dinner and Party**	**TBD**
February 2018, TBD	**Mosteller Statistician of the Year Awards Dinner and Lecture**	**TBD**
April 13-14, 2018	2018 New England Statistics Symposium	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 Fotios Kokkotos, fkokkotos@hotmail.com

PROGRAM CHAIR REPORT
Fotios Kokkotos

This is my first report as Program Chair. It is an honor to serve the Chapter in this capacity. Below is a summary of the Chapter's events for the year beginning in September of 2016. I want to thank the many volunteers who gave generously of their time and arranged facility space for our meetings during the year. I also want to thank past Program Chair, John McKenzie, for organizing many of the events held during the fall. The help of many others in program planning is also gratefully acknowledged.

As the ASA's second largest chapter, we continue to be one of its most active chapters. During the past year, we organized eleven events including two awards dinners with presentations, four lectures, three short courses, and one Potluck Dinner and Holiday Party. A complete listing of these events is given below. Further event details can be found on our website at http://community.amstat.org/bostonchapter/recent-events. We have also continued to work with the Boston University Student Chapter of the ASA (BUSCASA) and the Boston INFORMS Chapter to publicize each other's events. Details of some upcoming events are included in this newsletter. I hope that you will be able to attend many of them and I look forward to seeing you there.

Events and Meetings, 2016-17		
October 12, 2016	Adventures in Music Analytics	Bentley University
October 18, 2016	ASA President's Talk	Northampton, MA
October 29, 2016	New England Isolated Statisticians Meeting	Easton, MA
November 11, 2016	Short Course: Statistical Analysis of Network Data	Boston University
November 16, 2016	Arlene Ash Presentation on Massachusetts Medicaid	Worchester, MA
December 1, 2016	BCASA Award for Outstanding Undergraduate Teaching of Statistics Banquet	Simmons College
January 28, 2017	BCASA Annual Winter Potluck Dinner and Party	Carlisle, MA
March 8, 2017	Annual Mosteller Statistician of the Year Award Banquet	Simmons College
April 8, 2017	Short Course: Introduction to Statistics for Spatio-Temporal Data	Harvard University
May 5, 2017	Workshop on the Design and Monitoring of Adaptive Clinical Trials	Takeda, Cambridge
May 18, 2017	Gun Violence Prevention: Data and Statistical Issues	Bentley University

Thanks to All Who Participated in the Spring 2017 Chapter Membership Survey

In May of this year, the Boston Chapter asked the 1,000 or so ASA members who live in the five states covered by our chapter, Massachusetts, Maine, New Hampshire, Vermont, and Rhode Island, to complete an online survey. Just over 300 of you completed the survey (306 to be exact). Many thanks to all who did! The information you provided will help us to better understand your interests and create chapter programs that are most beneficial to you, including the type and format of events, the choice of topics, selection of speakers, locations, etc. Not only did we receive valuable suggestions on these topics, but many of the respondents (nearly 40) also offered their time and talent by volunteering to join our Planning Committee, becoming a chapter officer, serving on a chapter committee, or hosting a chapter event. That level of commitment is inspiring and much appreciated. We will certainly follow up with you and take advantage of your willingness to participate and contribute to the success of our chapter.

Here are a few statistics from the survey data: 78% of respondents were from Massachusetts, 5-6% each from Maine, New Hampshire, and Rhode Island. All ages were represented: 5% were 18-25 years old, 22% were 26-35 years, 21% were 36-45 years, 19% were 45-55 years, and 33% over 55. The majority of respondents had a doctorate (57%), but also master's degrees (34%), and Bachelor's or other certifications (8%). We are currently in process of analyzing the results and will share them with you as we complete the process. Should you have additional thoughts or suggestions in the meantime, please do not hesitate to contact our Membership Committee chaired by Miriam Chernoff (mchernoff@sdac.harvard.edu).

UPCOMING EVENTS

Workshop on Teaching Statistics Using R and RStudio

Organizers: The Holy Cross Department of Mathematics and Statistics and the Boston Chapter of the American Statistical Association (BCASA)
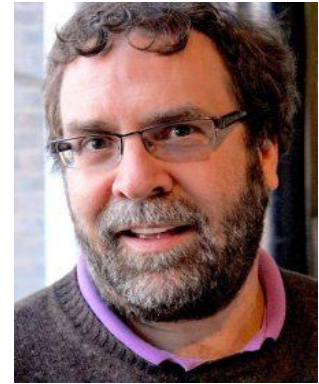**Instructor:** Professor Nicholas Horton, Amherst College
Date and Time: Saturday, September 9, 2017, 9:45am-4:00pm
Location: College of Holy Cross, Worcester, MA
Room: Swords 321
Directions and Parking: From 290 (either direction) turn on to College Street. Proceed up College Street and take a left turn into "Gate 7". Visitor parking is to the right of the Hogan Campus Center, which is the second building on the left with a large silver cross on it.
Registration: https://bcasa-2017-r-workshop.eventbrite.com. **The event is coming up so please register now**.

Cost (Includes refreshments, lunch, computer/software access, and materials):
- Non-Chapter Members - $60
- Boston ASA Chapter Members - $30
- K-12 and Two-Year College Teachers - $20
- Students - $20
- Holy Cross Faculty/Staff - Free (limited numbers available: please contact Shannon Stock sstock@holycross.edu to register)

Workshop Overview: R is a freely available language and environment for statistical computing and graphics that has become popular in academia and in many industries. This workshop will introduce participants to teaching applied statistics courses using computing in an integrated way. The presenter has been using R and RStudio to teach statistics to undergraduates at all levels for the last decade and will share his approach and favorite examples. Topics will include workflow in the RStudio environment, providing novices with a powerful but manageable set of tools, simple data wrangling, data visualization, and basic statistical inference using R. Much of this "Less Volume, More Creativity" approach will be facilitated using the mosaic package. The workshop is designed to be accessible to those with little or no experience with R and is intended to provide participants with skills, examples, and resources that they can use in their own teaching.

Laptops and server login: You'll be working on your own laptops: please be sure to bring one and a power cord (we'll want to ensure that every pair of participants has a working laptop). Registrants will receive login and password information for the shared RStudio server.
About the Instructor: Nicholas Horton is a Professor of Statistics at Amherst College, with methodologic research interests in longitudinal regression models and missing data methods and applications in psychiatric epidemiology and substance abuse research. He received his doctorate in Biostatistics (with minors in Psychosocial Comorbidity and Theoretical Statistics) from the Harvard School of Public Health in 1999. Dr. Horton has co-authored more than 150 papers in the statistical methodology, behavioral research, and health services research literature, as well as a series of books on statistical computing and data science in R. He is an accredited statistician, a Fellow of the American Statistical Association, former member of the ASA Board of Directors, a member of the workgroup that revised the GAISE College Report, and past-chair of the ASA's Section on Statistical Education. The instructor can be reached at nhorton@amherst.edu.

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2017 New England Symposium on Statistics in Sports (NESSIS)

Date: Saturday, September 23, 2017, 9:00 a.m. – 6:00 p.m.
Location: Harvard University Science Center, 1 Oxford Street, Cambridge, MA
Registration Information: Please see http://nessis.org/registration.html. The registration is now open. Online registration must be completed by September 9. Please note: On-site registration will not be available.

DESCRIPTION

The 2017 New England Symposium on Statistics in Sports is a meeting of statisticians and quantitative analysts connected with sports teams, sports media, and universities to discuss common problems of interest in statistical modeling and analysis of sports data. The NESSIS format is a mixture of talks, posters, and a panel discussion. NESSIS is held biannually with the inaugural NESSIS held in 2007.

The mission of NESSIS is to foster statistics and its application in sports, promote unity and effectiveness among all concerned with statistical problems in sports, and to increase the contribution of statistics in sports. NESSIS aims to address these objectives by promoting research on statistics in sports, encouraging interaction and collaboration among statisticians and other quantitative analysts in the sports arena, and providing an educational opportunity for students and others to learn about statistical methods and applications in sports.

The featured speaker this year is David Firth from the Department of Statistics at the University of Warwick in UK. The title of his talk is "Fair standings in soccer and other round-robin leagues". A panel discussion on "Past, present and future of analytics in the NFL", moderated by Aaron Schatz, will feature Dennis Lock from the Miami Dolphins, Karim Kassam from the Pittsburg Stealers, and Sandy Weil from the Los Angeles Rams.

NESSIS WEBSITE
http://www.nessis.org

PROJECT LEADERSHIP AND ORGANIZATION
Mark Glickman and Scott Evans are Co-organizers of NESSIS. Dr. Glickman and Dr. Evans co-organized each of the five NESSIS events beginning in 2007.

DISSEMINATION
The event will be digitally video-recorded, and media files of the talks will be linked from the SIS web site (www.nessis.org) for unrestricted viewing. NESSIS has been highlighted in a feature article in AmStat News in prior years and a summary article will again be written for AmStat News regarding the 2017 NESSIS. As was the case in prior years, non-academic media outlets will be invited to the 2017 NESSIS to cover the symposium and report in public media.

Charles River Lectures on Probability and Related Topics

The Charles River Lectures on Probability and Related Topics will be hosted by Harvard University on **Monday, October 2, 2017** in Cambridge, MA. The lectures are jointly organized by Harvard University, Massachusetts Institute of Technology and Microsoft Research New England for the benefit of the greater Boston area mathematics community. The event features five lectures by distinguished researchers in the areas of probability and related topics. This year's lectures will be delivered by:

- Paul Bourgade (Courant Institute, NYU)
- Massimiliano Gubinelli (University of Bonn)
- Andrea Montanari (Stanford University)
- Roman Vershynin (University of California, Irvine)
- Ofer Zeitouni (Weizmann Institute)

Registration: Details on how to register (for free) are on the conference web site:

http://cmsa.fas.harvard.edu/charlesriver17/

Poster:
http://cmsa.fas.harvard.edu/wp-content/uploads/2017/06/Charles-River-Lectures-2017.pdf

Location:
Harvard University
Knafel Center at the Radcliffe Institute
10 Garden Street
Cambridge, MA 02138

Time: 9:30 AM - 5:30 PM

Event organizers:

Alexei Borodin (MIT)
Henry Cohn (Microsoft/MIT)
Vadim Gorin (MIT)
Elchanan Mossel (MIT)
Philippe Rigollet (MIT)
Scott Sheffield (MIT)
H.T. Yau (Harvard)

For questions regarding the event, please email agontar@math.harvard.edu

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One-Day Short Course on Applied Longitudinal Analysis

October 13, 2017

Organizer: American Statistical Association
Co-sponsors: Boston Chapter of the ASA and the BU student Chapter of the ASA
Instructor: Professor Garrett Fitzmaurice, Harvard T.H. Chan School of Public Health
Location: Boston University Medical Center, Room CT460/CT460A,
801 Massachusetts Avenue, Boston
Date: October 13, 2017
Time: Sign-in 8:30-9:00 a.m., Presentation 9:00 a.m.-4:30 p.m.

Public transportation: Please see http://www.bumc.bu.edu/about/map-directions/directions-by-bus/ for information about bus service. If you prefer to take the T, the Orange line stop at Massachusetts Avenue is a 10 to 15-minute walk to the Crosstown (CT) Center and 801 Mass Avenue. The Silver line also serves this area.

Parking information: There is a parking garage right behind 801 Massachusetts Avenue that can be accessed from Albany Street. The cost of parking is $24 for a period of 5-12 hours. However, an early bird special of $15 may be available up to 9 a.m.

Registration Information: http://bcasa2017longitudinal.eventbrite.com.
Registration requested by October 9.

Cost (including refreshments, lunch, and materials):
- Boston ASA Chapter members: $40
- Non-members: $60
- Students: $20 (with valid ID)

Abstract:

The goal of this course is to provide a broad introduction to statistical methods for analyzing longitudinal data. The emphasis is on the practical aspects of longitudinal analysis. I begin the course with a review of established methods for longitudinal data analysis when the response of interest is continuous and present a general introduction to linear mixed effects models for continuous responses. Next, I discuss how smoothing and semiparametric regression allow greater flexibility for the form of the relationship between the mean response and covariates. I demonstrate how the mixed model representation of penalized splines makes this extension straightforward. When the response of interest is categorical (e.g., binary or count data), two main extensions of generalized linear models to longitudinal data have been proposed: "marginal models" and "generalized linear mixed models." While both classes account for the within-subject correlation among the repeated measures, they differ in approach. We will highlight the main distinctions between these two types of models and discuss the types of scientific questions addressed by each.

Brief Course Outline:

- Longitudinal Data: Basic Concepts. Review of Linear Mixed Effects Models for Continuous Data: 9:00-10:15 a.m.
- Break: 10:15-10:30 a.m.
- More Flexible Linear Effects Models: Smoothing and Semiparametric Regression: 10:30 a.m. to noon
- Lunch: noon to 1 p.m.
- Marginal Models and Generalized Estimating Equations (GEE) 1:00-2:30 p.m.
- Snack/afternoon break 2:30-2:50 p.m.
- Generalized Linear Mixed Effects Models. Contrasting Marginal versus Mixed Effects Models 2:50-4:30 p.m.

About the instructor:

Dr. Fitzmaurice is a Professor of Psychiatry at Harvard Medical School and Professor in the Department of Biostatistics at the Harvard T.H. Chan School of Public Health. He is also Director of the Psychiatric Biostatistics Laboratory at McLean Hospital. A Fellow of the American Statistical Association, he has served as statistics editor for the journal Nutrition and associate editor for Biometrics, the journal of the Royal Statistical Society, Series B, and Biostatistics. Dr. Fitzmaurice has research interests in statistical methodology and collaborative projects in mental health. His principal achievements in statistical research have been to develop methodology for longitudinal analysis, missing data, and psychiatric epidemiology. With colleagues Nan Laird and Jim Ware, Dr. Fitzmaurice published the bestselling textbook, *Applied Longitudinal Analysis.*

Fall Social and Mini-Conference at the University of New Hampshire
November 4, 2017

Date and time: Saturday November 4, 2017; 9 a.m. to 2 p.m.

Location: Kingsbury Hall, University of New Hampshire, Durham NH

Room: TBD

Sponsor: Boston Chapter of the ASA

Local Organizer: Professor Ernst Linder, UNH

Directions and Parking Information: Forthcoming. Please check the BCASA website.

Registration: http://bcasa2017linder.eventbrite.com. Registration requested by November 1, 2017.

Cost *(including lunch and refreshments):*

- BCASA Members: $10
- Non-members: $15
- Students free (however, pre-registration is required)

Invitation:

Please join us for a Fall Social and mini-conference at the University of New Hampshire in Durham New Hampshire on Saturday November 4. The location will be in Kingsbury Hall – room to be determined. Directions and parking locations will be posted at the BCASA website. This will be an excellent opportunity to meet old and new friends, to get to know fellow statisticians in this region of our chapter, to hear about their latest research, and last, but not least, to enjoy the beautiful Northern New England coastal region and celebrate the season. So please join us, it will be fun!

Doors will be open for sign-in and continental breakfast at 9:00 a.m. The formal part of the rather informal program will begin at 9:30 a.m. and will include the following presentations:

- **Tevfik Aktekin,** University of New Hampshire
  Bayesian analysis of a general class of dynamic multivariate non-Gaussian family of models
- **Zhigang Li,** Dartmouth University
  A multivariate zero-inflated logistic model for human microbiome data
- **Ernst Linder**, University of New Hampshire
  Statistical downscaling of climate model output in the context of stochastic weather generators
- **Philip Ramsey**, University of New Hampshire
  Potential use of weighted Bootstrapping to simulate validation error in small scale experiments where the goal is prediction
- **Mia Stephens**, JMP
  Text Mining with JMP Pro 13: A Case Study
- **Beth Ziniti**: Applied Geosolutions.
  Spatial and temporal variability of water quality estimated via remote sensing with case study

investigation of cyanobacteria and its relationship to Lou Gehrig's disease in Northern New England

The presentations will be followed by lunch at 12:15 p.m. with more opportunities to socialize. The meeting will adjourn around 2 p.m.

For those who want to kill two birds with one stone, some afternoon activities could include a visit to the beautiful Maine town Ogunquit which is right on the coast about ½ -hour drive from Durham. And visits to the nearby Kittery Outlet Mall and the bustling port city of Portsmouth are likely not to disappoint.

Note: Carpooling to this event is encouraged. Please contact greta.ljung@verizon.net if you are interested in carpooling from the Lexington-Waltham area.

22nd New England Isolated Statisticians Meeting (NEISM22)

The 22nd New England Isolated Statisticians Meeting (NEISM22) will be held on Saturday, November 4, 2017. The meeting will take place at Stonehill College in Easton, Massachusetts. This annual event is a wonderful opportunity for isolated statisticians (usually, but not always, in mathematics departments) to learn and discuss best practices in teaching statistics and to network with fellow faculty.

For the first time, we have to include a modest charge for attending NEISM. Our usual sponsor, the BCASA, has had to reduce the amount they provide in support of the event. The cost is $20, though Boston Chapter members and first-time attendees receive a $5 discount.

We firmly believe that NEISM22 will be more than worth the cost. Our keynote speaker is Christine Franklin, the ASA K-12 Ambassador. The tentative agenda for the day includes sessions on visualizing data, on the proper role of computer science in statistics, on innovative ways of presenting statistics, and a lunch-time discussion of ethics in statistics.

To register, go to: https://neism22.eventbrite.com.

The NEISM22 Organizing Committee is always interested in hearing from people interested in helping to organize future NEISMs and suggestions for future sites for the event.

If you have any questions or comments, please don't hesitate to contact any one of the NEISM22 Organizing Committee.

Rob Carver (rcarver@stonehill.edu)
Bob Goldman (robert.goldman@simmons.edu)
John McKenzie (mckenzie@babson.edu)
Michael Salé (msale@stonehill.edu)

BCASA Award for Outstanding Undergraduate Teaching of Statistics
Dinner and Presentation

Speaker and Honoree: Joe Blitzstein, Professor, Department of Statistics, Harvard University
Presentation Title: Storytelling in Statistics
Date: Tuesday, December 5, 2017
Time: Reception: 5:45 p.m., Dinner: 6:15 p.m., Presentation: 7:00 p.m.
Location: Science Center, Room 705, Harvard University, 1 Oxford Street
Directions, Transportation, and Site Map:
http://www.harvard.edu/on-campus/visit-harvard/directions

Parking: Use of public transportation is recommended since we do not offer parking for this event. However, you may be able to find on-street parking. There are also some public garages nearby.

Cost: Dinner: $15 for chapter members; $20 for non-members; students $5.
Presentation: free.

Registration: http://bcasa2017blitzstein.eventbrite.com. Registration requested by December 1.

Abstract:
For thousands of years, humans have shared, enjoyed, and learned from stories. We will share stories about the central role of stories in teaching probability, statistics, and data science. Several kinds of stories will be featured, including mathematical, empirical, and animated.

Speaker Biography:

Joe Blitzstein is Professor of the Practice in Statistics at Harvard University, where has taught since 2006, after completing his Ph.D. in Mathematics (with a M.S. in Statistics) at Stanford University, advised by Persi Diaconis. At Harvard, he has taught a wide range of undergraduate and graduate probability and statistics courses, including the popular statistics class Stat 110, which provides a comprehensive introduction to probability as a medium to understand statistics, science, risk, and randomness. It has grown to over 450 students per year at Harvard and over 200,000 subscribers on iTunes U. With Hanspeter Pfister from the Computer Science department, Joe also launched Harvard's first course in data science. His main research interests are in inference and sampling in networks and other complex data structures. Blitzstein is also a chess expert, and serves as faculty adviser to the Harvard Chess Club.

To learn more about Joe, please read: http://www.thecrimson.com/article/2013/12/11/big-data-joe-blitzstein/.
Or listen to this: https://www.youtube.com/watch?v=dzFf3r1yph8

NEWS & ANNOUNCEMENTS

Awards and Recognitions

Nicholas Horton to Receive the Lagakos Distinguished Alumni Award

Dr. Nicholas Horton will be this year's recipient of the annual Lagakos Distinguished Alumni Award from Harvard Chan School of Public Health. Dr. Horton will be presented with the award and will deliver a lecture on "**Multivariate thinking and the introductory biostatistics course: preparing students to make sense of a world of observational data"**

Date: Thursday October 19, 2017
Location: Room G12, FXB Building, 651 Huntington Ave, Boston, MA
Award & Lecture: 3:30-4:30pm
Reception to follow at 4:30pm in the FXB Atrium

Dr. Horton graduated from the Department of Biostatistics of Harvard Chan School of Public Health in 1999 and is currently a Professor of Statistics at Amherst College. He has demonstrated leadership and service to the profession and has distinguished himself through his contributions to statistical methodology and computing, and his commitment to teaching and statistical education.

Dr. Horton's many achievements include:

- Elected Fellow of the ASA
- Elected member, American Statistical Association's Board of Directors
- Chair, American Statistical Association's Education Workgroup on Undergraduate Statistics Programs
- Chair and Member, American Statistical Association/National Council of Teachers of Mathematics Joint Committee on K-12 Curriculum in Statistics and Probability
- Co-leader of the NSF-funded Project MOSAIC aimed at improving the way mathematics, statistics, computation, and modeling are introduced to college and university students.
- Chair, American Statistical Association's Section on Statistical Education
- Associate editor for Chance and The American Statistician
- William D. Warde Statistics Education Award
- Journal of Statistics Education Award for best paper
- Robert V. Hogg Award for Excellence in Teaching Introductory Statistics
- Kathleen Compton Sherrerd '54 and John J. F. Sherrerd Prize for distinguished teaching
- Waller Award for excellence and innovation in the instruction of elementary statistics at the undergraduate level
- Thesis advisor and/or research mentor of four dozen students
- 150 peer-reviewed publications: 15% methodological, 60% applied/collaborative, and 25% education scholarship publications

About the Lagakos Award

The Annual Lagakos Distinguished Alumni Award has been established in memory of Dr. Stephen Lagakos, a faculty member and former chair of the Department of Biostatistics who passed away in a tragic automobile accident in 2009.

Professor Lagakos was a leader in the Department, the School of Public Health, and more broadly, in the international community of quantitative biomedical researchers. Steve's qualities of commitment, passion, intellectual brilliance, and personal generosity had a direct personal impact on our lives; and his contributions to biostatistics and to AIDS research were fundamental.

This award serves to honor Steve's distinguished career, and to recognize 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. The award will be open to all who have an earned degree through the department, regardless of length of time since graduation or type of degree.

Two Faculty Members at Harvard T. H. Chan School of Public Health Receive Prestigious Awards at the JSM in Baltimore

Tyler VanderWeele and Xihong Lin, faculty members at Harvard T.H. Chan School of Public Health, have both received prestigious awards from the Committee of Presidents of Statistical Societies (COPSS), in honor of their outstanding contributions to the profession of statistics.

The awards were presented on August 2, 2017 at the Joint Statistical Meetings in Baltimore.

VanderWeele, professor of epidemiology, received the 2017 Presidents' Award, which is presented annually to a young member of one of the participating societies of COPSS. The award citation recognized VanderWeele "for fundamental contributions to causal inference and the understanding of causal mechanisms; for profound advancement of epidemiologic theory and methods and the application of statistics throughout medical and social sciences; and for excellent service to the profession including exceptional contributions to teaching, mentoring, and bridging many academic disciplines with statistics."

Lin, Henry Pickering Walcott Professor of Biostatistics and Chair of the Department of Biostatistics, received the COPSS 2017 Florence Nightingale David Award. Sponsored jointly by COPSS and the Caucus for Women in Statistics, this award is granted biennially to a female statistician who serves as a role model to other women by her contributions to the profession through excellence in research, leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies. The award citation recognized Lin "for leadership and collaborative research in statistical genetics and bioinformatics; and for passion and dedication in mentoring students and young statisticians."

In receiving his award, VanderWeele said that he appreciated that his work—focusing on the needs of the biomedical and social sciences—was seen as being valuable to the profession of statistics. "It is from the foundation provided by statistics that so many other disciplines are able to proceed," he said.

Lin—who herself won the COPSS Presidents' Award in 2006—said that receiving the Florence Nightingale David award is "much bigger than me," noting that it is for all women in statistics as well as for all who have made efforts to support and promote diversity in the profession. She encouraged junior statisticians, especially young female students, to pursue their passions and dreams.

"Being able to contribute to the statistical profession has been a joy and a privilege that I am grateful for and cherish every single day," she said. "Statistical science challenges and inspires me. I cannot imagine a world without it, and I cannot imagine doing anything more rewarding."

– Prepared by *Karen Feldscher*

Congratulations to Newly Elected ASA Board of Directors Members with Extensive BCASA Service

2017 resulted in three statisticians, who have been active BCASA volunteers, elected to the ASA Board of Directors. Each will be on the Board from 2018 to 2020: Katherine Monti as a Vice President, Katherine Halvorsen as a Council of Section Representative, and Scott Evans as the Publications Representative. Katherine M and Scott are former BCASA Presidents. All three have received the BCASA Mosteller Statistician of the Year Award.

New ASA Fellows with Local Connections

The following five individuals were among the 62 statisticians recognized for their contributions and named Fellows of the ASA at the 2017 JSM:

>   James A Bolognese, Cytel Inc.
>   Trent D Buskirk, University of Massachusetts Boston (Boston Chapter member)
>   William Fairley (1974-1975 president of the Boston Chapter)
>   Michael Posner (former treasurer of the Boston Chapter)
>   Paola Sebastiani, Boston University

Congratulations to all of them!

More JSM 2017 Honorees with Local Connections

Mark Glickman of Harvard University received a certificate of appreciate for his service as the 2015-2017 editor of the Journal of Quantitative Analysis in Sports.

Maureen Mayer received an ASA Award for Outstanding Chapter Service Award at the 2017 JSM. She has served the Boston Chapter with distinction for close to two decades. In addition to serving on its planning committee, Maureen's formal roles have included secretary, newsletter editor, and program chair.

In addition, several local statisticians received awards from an ASA section. These include Emmas Schwager, Chanmin Kim, Joseph Antoneli, Shelley H. Liu and David Chang, all from Harvard University, andYi Zhao and Yi zheng Xu from Brown University.

Local Researchers Give Medallion Lectures at the 2017 JSM

The Institute for Mathematical Statistics (IMS) honors eight individuals from the field of statistics and probability annually by inviting them to deliver a Medallion Lecture. Each Medallion Lecturer receives a Medallion in a brief ceremony preceding the lecture. At the JSM in Baltimore, Professor Edoardo Airoldi from Harvard University gave his 2017 Medallion Lecture on *"Design and Analysis of Randomized Experiments on Networks"*. Edoardo Airoldi is a Boston Chapter member. A second honoree, Emery Brown, who is Professor of Computational Neuroscience and Health Sciences & Technology at Massachusetts Institute of Technology, delivered his Medallion lecture on *"State-Space Modeling of Dynamics Processes in Neuroscience"*. Dr. Brown, who has a Ph.D. in Statistics from Harvard and an M.D. from the Harvard Medical School, is also Professor of Anaesthesia at the Harvard Medical School and MGH, and a practicing anesthesiologist at MGH.

Professor Jun Liu of Harvard Receives the Sacks Award

The 2017 "Jerome Sacks Award for Cross-Disciplinary Research" has been given to Professor Jun Liu of Harvard for "groundbreaking research contributions at the interface of statistics and biology, including algorithms for protein sequence analysis, DNA sequence motif finding, gene expression analysis, and regulatory network elucidation that have become important tools for computational biologists." The Sacks Award is an annual research prize given by the US National Institute of Statistical Sciences for "sustained, high-quality cross-disciplinary research involving the statistical sciences.

Eric Kolaczyk Elected as an IMS Fellow – Class of 2017

On May 3, 2017 it was announced that Boston University Statistics Professor Eric Kolaczyk has been elected as a Fellow of the Institute of Mathematical Statistics. He has been recognized for his pioneering contributions to the development of wavelet-based statistical methods and of multi-scale statistical methods, as well as for his more recent transformative research advancing both the development and application of statistical methods for data on networks.

News from Dartmouth

New Master's Program in Health Data Science at Dartmouth

A new program in Quantitative Biomedical Sciences at Dartmouth College welcomes applications to its new master's degree in Health Data Science. The program will prepare students for data science careers in health-related industries. The first students begin in the fall of 2018 and will complete studies 15 months later, or 18 months if they choose to do a summer internship. More information can be found at http://www.dartmouth.edu/~qbs/program/the-ms-curriculum.html.

Awards to Dartmouth from the Patient-Centered Outcomes Research Institute (PCORI)

James O'Malley, Professor of Biostatistics in The Dartmouth Institute for Health Policy and Clinical Practice and in the Department of Biomedical Data Science, received a PCORI award to develop biostatistical methods to advance patient centered outcomes research in survival data with unmeasured confounding to improve patient risk communication. More information can be found at https://www.pcori.org/research-results/2015/advancing-patient-centered-outcomes-research-survival-data-unmeasured.

Tor Tosteson, Professor of Biostatistics in the Department of Biomedical Data Science, has received a PCORI award to develop valid instrumental variable methodology for learning health care systems. More information can be found at http://geiselmed.dartmouth.edu/news/2017/geisel-researchers-to-receive-1-million-award-for-comparative-outcomes-research/.

Awards to Dartmouth from National Institute of Health (NIH) for Cancer Research

In other news, Dr. Christopher Amos, collaborating with Ivan Gorlov, Olga Gorlova and Jiang Gui, all Professors of Biostatistics in the Department of Biomedical Data Science, received a multi-institutional grant from NIH entitled Integrative analysis of lung cancer etiology and risk. This grant focuses on causes and early detection of lung cancer (https://geiselmed.dartmouth.edu/news/2017/dartmouth-researchers-receive-substantial-nih-grant-as-part-of-cooperative-research-in-lung-cancer-risk/). Dr. Amos leads the administrative core and genomic analysis components. Dr. Xihong Lin at Harvard leads the biostatistics core (with collaboration with Drs. Amos and Gorlova).

Dr. Ivan Gorlov collaborating with Professors Amos, Cheng and Demidenko in the Department of Biomedical Data Science at Dartmouth received a grant from NIH entitled 'Prediction SNP priors for cancer GWASs. This grant was deemed high risk high gain by NCI and seeks to identify SNPs using bioinformatical and association analytical approaches jointly that identify genes relevant in disease etiology.

Ivan Gorlov and Amos also received support to lead the Bioinformatics Core of the NIH-funded P01CA206980 entitled 'Integration of clinical and molecular biomarkers for melanoma survival. This grant seeks to identify genomic, clinical, methylation and immunogenetic markers predicting melanoma

outcomes for stages IIa-IIIb. These tumors are usually treated only by surgery but have a considerable recurrence risk. Dartmouth supports bioinformatics and integrative analyses of the data.

Post-Doc and Research Scientist Opportunities at Dartmouth

The Division of Biostatistics in the Department of Biomedical Data Science at the Geisel School of Medicine is seeking applications for post-doctoral fellows in their NCI training grant and a biostatistics research scientist in their statistical consulting core. Contact us at https://bmds.dartmouth.edu/contact-us.

Student Chapters and Related News

Two New ASA Student Chapters Formed

The Boston Chapter of the ASA is home to two more ASA Student Chapters at Tufts University and the University of Rhode Island. They join the student chapters at Boston University and Williams College.

Seminar on Statistical Practice Organized by the BU Student Chapter

Starting from April 27, 2015, the Boston University Student Chapter of the ASA (BUSCASA) in cooperation with the Boston Chapter of the ASA, has sponsored an annual seminar on Statistical Practice. This year's event was held at Boston University on April 27. The theme was "Statistics in New Media and Technology" and the invited speakers were:

- Brandon Rohrer - Data Scientist at Facebook
- Glenn McDonald - Data Alchemist at Spotify
- Jared Hawkins - Faculty and Director of Informatics at Boston Children's Hospital

The three speakers gave a brief overview on their experience working with data and solving statistical problems arising in new media and technology. Their presentations were followed by a panel discussion and a lively question and answer session, which gave the students an opportunity to ask questions and gain insights into the use of statistics in these application areas. The formal program was followed by a catered meet and greet with the speakers.

Students Compete in the 2017 Five College DataFest

More than 125 undergraduate students from the Five Colleges (Amherst, Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts/Amherst) competed at this year's ASA DataFest event on March 31st-April 2nd.

Originally founded at UCLA in 2011, the ASA DataFest is now sponsored by the American Statistical Association and hosted by several universities and colleges across the country. Its mission is to expose undergraduate students to challenging questions with immediate real-world significance that can be addressed through data analysis. By working in teams, students with varying skill sets will combine their efforts and expand their collective data analysis horizons. Interaction among students, as well as with outside consultants will promote the sense that data analysis is a dynamic, engaging, and vibrant part of our society, as well as a realistic, practical, and fun career path.

DataFest is a nationally-coordinated undergraduate competition in which teams of up to 5 students work over a weekend to extract insight from a rich and complex data set. Previous years' data sets have included crime data from the LAPD, dating data from eHarmony, and energy use data from GridPoint. This year's data was from Expedia and allowed students to show off their data wrangling, visualization, and modeling skills.

The Five College DataFest was organized by Ben Baumer and Amelia McNamara (Smith College).

At the conclusion of the competition, each team has 5 minutes to make a presentation to a panel of judges. Each panel of judges selected a team for the "Best in Group" prize, and the entire group of judges determined a "Best in Show" prize. Team "ZEST" (Mount Holyoke College) won best in group for Panel A, "Off the Grid" won best in group for Panel C, while Team "DataBest" won best in group for Panel B as well as "Best in Show". A photo of the team is included below.

A participant shared that "It was a great experience, with a fun and interesting challenge. One of my favorite parts is how varied the presentations and projects from each team are. I love learning about ways in which others looked at and analyzed the same problem/ data."

Kudos to our sponsors, including The Boston Chapter of the ASA, DataCamp, Google, Mass Mutual, and RStudio. Whether from industry or academia, BCASA members are welcomed to serve as VIP consultants as part of the event. As a visiting consultant, you will get to spend time with students, talking to them about their data problem and offering advice.

More information about the Five College DataFest can be found at
http://www.science.smith.edu/datafest.

Photo from DataFest:

DataBest: Zainab Aqdas Rizvi, Subashini Sridhar, Ji Young Yun, Ji Won Chung, Van Nguyen

Mu Sigma Rho Membership Nominations Sought

Mu Sigma Rho is the national honorary society for statistics. Its purpose is to promote and encourage scholarly activity in statistics and the recognition of outstanding achievement among the students in eligible academic institutions.

Both undergraduate and graduate students can be nominated. Information about BCASA's chapter of Mu Sigma Rho is available at http://ww2.amstat.org/chapters/boston/MuSigmaRho.html. Instructions on how to nominate students can be found at http://www.colby.edu/musigmarho/ by contacting Liam O'Brien at lobrien@colby.edu.

Additional information about Mu Sigma Rho can be found at: http://www.stat.sc.edu/msrnatl.html.

Boston Chapter News and Announcements

Spring 2017 Election Results

At the BCASA May 18 meeting, three BCASA officers were elected for two-year terms starting on January 1, 2018. The members are Miriam Chernoff for Vice-President, Eugenie Coakley for Secretary, and Lisa Mukherjee for Treasurer. The next election of Chapter officers will take place in the spring of 2018. Members interested in becoming officers are welcome to join a chapter committee any time during the year to familiarize themselves with the work involved. Please contact Miriam Chernoff (mchernoff@sdac.harvard.edu) or Greta Ljung (greta.ljung@verizon.net) for more information.

Nominations for the 2018 Mosteller Statistician of the Year Award

We are currently seeking nominations for our 2018 Statistician of the Year award. The BCASA Mosteller Statistician of the Year award is presented each year at a dinner/lecture in February or early March to a distinguished statistician who has made exceptional contributions to the field of statistics and has shown outstanding service to the statistical community, including the Boston Chapter. The honoree may be from academia, industry, or government.

Please forward all nominations by October 31, 2017 to Greta Ljung at greta.ljung@verizon.net. Please include a brief description of the candidate's qualifications for the award. Following the deadline, the members of the Planning Committee will vote to select the winner.

The winner of this award in 2017 was David Schoenfeld from MGH. A complete list of past winners can be found at
http://community.amstat.org/bostonchapter/awards/mostellerstatistician.

Nominations for the 2017-18 Outstanding Undergraduate Statistics Teaching Award

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://community.amstat.org/bostonchapter/awards/teachingaward.

The deadline for nominations for the 2017-18 award is February 15, 2018.

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Please Join the BCASA Planning Committee

Chapter activities are planned and organized 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. The meetings are held in the evening and dinner is provided. For more information contact Chapter President Greta Ljung, greta.ljung@verizon.net.

How Do I Join the Boston Chapter?

You can join the Boston Chapter when you join the American Statistical Association (ASA) or renew your ASA membership. ASA members who wish to join the Boston Chapter at other times should complete the printed application form available at http://community.amstat.org/bostonchapter/joinbcasa and send it directly to the ASA.

However, you can be a member of the Boston Chapter without being an ASA member. To join the Boston Chapter without joining the ASA, write a check for $9 ($3 for students) made payable to BCASA, and send it directly to our Treasurer at:

Boston Chapter of ASA
c/o Lisa Mukherjee
PO BOX 200766
Boston, MA 02120

Provide your name, address, and email address. Members receive an electronic subscription to the chapter newsletter, discounts at some events, and an opportunity to join our e-mail list for other announcements. A membership application form is available at http://community.amstat.org/bostonchapter/joinbcasa. Please note that effective January 1, the fees will increase by a modest amount to $10 for regular members and $4 for students.

JOB OPPORTUNITIES

Note: Job opportunities sent to Yan Dong, BCASA Newsletter Editor at yad509@mail.harvard.edu will be included in a future BCASA newsletter.

Postdoc Position in Boston University

MULTIDISCIPLINARY TRAINING PROGRAM (T32) IN CARDIOVASCULAR EPIDEMIOLOGY

The Boston University Section of Preventive Medicine and Epidemiology is seeking candidates for its T32 Training Grant in Cardiovascular Epidemiology awarded by the National Heart, Lung, and Blood Institute. Trainees will focus their 2-year training on the epidemiology of cardiovascular disease such as coronary heart disease, stroke, heart failure and other forms of vascular disease, following one of the training pathways: statistical genetics and genomics, computational biology and bioinformatics, or clinical epidemiology.

This position is a postdoctoral training opportunity paid a stipend, and the successful individual will be engaged in a temporary and a defined period (2-year) of mentored advanced training and professional development following completion of a doctoral degree program. Currently, BU is not able to offer traditional employee benefits to non-employee postdocs due to IRS regulations related to expanded fellowship income.

Training Grant Start Date: April 1, 2018

Qualifications required
1) US Citizen or green card holder
2) Educational requirements: a) Ph.D. degree in Biostatistics, Epidemiology, Computational Biology, Bioinformatics, Genetics and Genomics or related field and programming skills (SAS and/or R preferred) or b) MD degree

The successful candidate will participate in training activities including pathway-specific coursework and workshops, as well as individual professional development plan workshops, one-on-one professional counseling and career planning, grant writing workshops, research seminars, journal internships, and working on research projects with a Boston University senior investigator on longitudinal epidemiological studies such as Framingham Heart Study, Long Life Family Study and other cohort studies. All trainees will be supervised by their assigned faculty mentor as well as by the program's co-directors for progress evaluation.

Interested candidates should send the following materials to Mike Galatis at mgalatis@bu.edu

- Cover letter indicating reason for applying to this training program
- Curriculum vitae
- 2 recommendation letters

Boston University is an equal opportunity employer. Under-represented minorities are strongly encouraged to apply. For more information, please contact Mike Galatis, administrator, at mgalatis@bu.edu.

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Tenure Track Position in Statistics at Simmons College, Boston, MA

The Department of Mathematics and Statistics at Simmons College is seeking applicants for a tenure track position in Statistics at the Assistant Professor level to begin Fall, 2018. The successful candidate will have an earned doctorate in Statistics or Biostatistics and a strong commitment to teaching modern statistical methods at the undergraduate level. Candidates who are ABD and expect to complete their programs by fall, 2018 will also be considered.

The Department of Mathematics and Statistics houses majors in Mathematics, Biostatistics, and Data Science (jointly with Computer Science), as well as several other inter-disciplinary majors. Approximately ¾ of all undergraduates at Simmons take at least one course in statistics, and all of the undergraduate statistics courses at Simmons are taught in the Mathematics and Statistics Department. We also teach graduate level courses for several other programs. Accordingly, the candidate should be able to teach both undergraduate and applied graduate level courses, as well as serve as a statistical resource for students doing research at both levels.

Our Department and the whole College is a collegial, supportive environment in which to work, as well as being located in a city where there is much statistical activity and many resources. We are particularly proud of our record of being at the forefront of pedagogical innovation in our teaching of statistics, of encouraging our undergraduates to do research, and of the proportion of our students who are accepted in graduate programs in statistics and biostatistics and in prestigious summer programs for undergraduates.

Located in Boston, Simmons College is a private, non-sectarian college consisting of a four-year, undergraduate women's college and coeducational graduate schools. Enrolling approximately 2,000 undergraduate women and 5,000 graduate women and men, Simmons is committed to providing high quality, personalized educational opportunities for all students. Simmons is recognized as one of the "Best Colleges" in a number of national rankings. Further information about Simmons College is at http://simmons.edu , and about our Biostatistics and Data Science and Analytics majors at http://www.simmons.edu/academics/undergraduate-programs/biostatistics and http://www.simmons.edu/academics/undergraduate-programs/data-science-and-analytics

Prospective employees must have authorization to work permanently in the United States.

As an equal opportunity employer, Simmons is committed to continuing to develop a more diverse faculty, staff, student body, and curriculum. To apply, visit http://jobs.simmons.edu and click "Search Postings", select position title and follow directions to apply online. Please submit a cover letter, curriculum vitae, statement of teaching philosophy, relevant syllabi, publications or documentation related to professional scholarship, and contact information for three professional references electronically to http://jobs.simmons.edu.

For further information, contact Professor Robert Goldman at robert.goldman@simmons.edu.

Bentley University Tenure Track, Open Rank Position in Mathematical Sciences

The Department of Mathematical Sciences at Bentley University-an independent, private business-oriented university located in suburban Boston-invites applications for a tenure track position beginning Fall 2018. The rank and salary will be commensurate with experience. Senior appointments will be considered.

We seek candidates with interest and willingness to serve as Director for Center for Quantitative Analysis. The appointment is intended to add to our strength in applied statistics, data science, and operation research.

The Mathematical Sciences Department offers undergraduate degrees in mathematical sciences and actuarial sciences and an MS in Business Analytics, and it is active in the PhD program in Business both in teaching and in doctoral student supervision. We value collaboration with faculty in other departments and have a particularly strong record of leadership in such activities. Candidates are encouraged to learn more about our department by visiting http://www.bentley.edu/mathematics/.

Required Qualifications:

Applicants must hold a Ph.D. in Statistics or a closely related discipline.
Criteria for selection include: (a) Evidence of high quality research and effective teaching skills; (b) Organizational skills to facilitate supporting and building academic programs consistent with the department's mission; (c) Strong interpersonal skills for building research connections; (d) Supervise graduate student research and participate in activities related to our graduate programs.

Preferred Qualifications:

Applied experience in academic or nonacademic spheres is highly desirable.

Posting Detail Information

Posting Number
FY1811215TT

Special Instructions to Applicants

Candidates should submit a cover letter, current curriculum vita, research statement, teaching statement, and arrange for three letters of recommendation, at least one of which should address teaching. Names and contact information for three references are required upon application. Bentley will contact these confidential references for those candidates moving forward in the process. Candidates should indicate how their research interests and expertise could integrate with the department's mission.
The review of applications will begin immediately and continue until the position is filled, however for fullest consideration, please apply by December 1st, 2017.

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

Documents Needed To Apply
Required Documents:

1. Curriculum Vitae
2. Cover Letter
3. Statement of Research
4. Teaching Philosophy

Bentley University is an Equal Opportunity Employer, building strength through diversity.
PI98984458

Williams College, Tenure-track Position in Statistics

The Williams College Department of Mathematics and Statistics invites applications for a tenure-track position in Statistics, beginning fall 2018, at the rank of assistant professor (a more senior appointment is possible under special circumstances). The candidate should have a Ph.D. in Statistics or a closely related field by the time of appointment.

We are seeking candidates who show evidence and/or promise of excellence in teaching students from diverse backgrounds and a strong research program that can engage undergraduate students. The candidate will become the sixth tenure-track statistician in the department, joining a vibrant and innovative group of statisticians with an established statistics major. For more information on the Department of Mathematics and Statistics, visit http://math.williams.edu/.
At Williams, we are committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive. In your application materials, we ask you to address how your teaching, scholarship, mentorship and/or community service might support our commitment to diversity and inclusion. Candidates may apply via http://apply.interfolio.com/43065 by uploading a cover letter addressed to Professor Klingenberg, a curriculum vitae, a teaching statement, a description of your research plans, and three letters of recommendation on teaching and research. Expectations: The teaching load is two courses per 12-week semester and a winter term course every other January. The candidate will be expected to teach introductory statistics, core courses for the statistics major, and electives in their area of expertise. The successful candidate will establish an independent research program that results in scholarly publications. Williams College provides broad support for start-up funds, funding for student research assistants, faculty professional development funds, and a shared computer cluster for parallel computation.

Review of applications will begin on or after November 1st and will continue until the position is filled. All offers of employment are contingent upon completion of a background check. Further information is available at

https://faculty.williams.edu/prospective-faculty/background- check-policy/.
Williams College is a coeducational liberal arts institution located in the Berkshire Hills of western Massachusetts with easy access to the culturally rich cities of Albany, Boston, and New York City. The College is committed to building and supporting a diverse population of approximately 2,000 students, and to fostering an inclusive faculty, staff and curriculum. Williams has built its reputation on outstanding teaching and scholarship and on the academic excellence of its students. Please visit the Williams College website, http://www.williams.edu/.

Amherst College, Tenure-track Position in Statistics

Amherst College will be searching for a tenure-track position in Statistics this Fall (to begin in Fall 2018). The assistant professor position will contribute to our vibrant and growing statistics major and other related initiatives.

Amherst College is a private undergraduate liberal arts college for men and women, with 1,800 students and more than 200 faculty members. Located in the Connecticut River Valley of western Massachusetts, Amherst participates with Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts in the Five-College Consortium (including the Five College Statistics Program and the Five College ASA DataFest). Amherst College is an equal opportunity employer and encourages women, persons of color, and persons with disabilities to apply. The college is committed to enriching its educational experience and its culture through the diversity of its faculty, administration, and staff.

More information on this position is available at https://www.amherst.edu/academiclife/dean_faculty/faculty_hiring/employment

Please feel free to contact either Nicholas Horton (nhorton@amherst.edu) or Amy Wagaman (awagaman@amherstedu) with any questions.

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/

Dartmouth College
Department of Biomedical Data Science
https://bmds.dartmouth.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.

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