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Positions

(1) Bryant University, Department of Mathematics: two positions - Assistant Professor (Applied Mathematics and Statistics) and Lecturer (Statistics/Actuarial Mathematics)

Position Summaries: The Department of Mathematics of Bryant University invites applicants for a tenure track Assistant Professor in the area of Applied Mathematics and
Statistics to begin as early as August, 2015. The search will continue until an appropriate candidate is hired. A strong background in statistics is essential. The Department also invites applications for a non-tenure track, one-year appointment, at the Lecturer level, for the 2015-16 academic year.

Throughout its more than 150 year history, Bryant University has earned a distinguished reputation for innovative academic programs and technology that are marketplace driven and highly attuned to the emerging needs of industry and society.

Bryant’s close-knit, student-centered community of scholars delivers challenging academic programs that integrate business and the arts and sciences, with an emphasis on real-world application and a global perspective. Abundant co-curricular opportunities, service learning programs, internships, and practicums allow students to put theory into practice while building character and leadership skills.

Bryant University is comprised of the College of Business and the College of Arts and Sciences. Bryant’s academic programs are distinguished by an integration of business and the arts and sciences with a global perspective.

Bryant is located on a 428 acre campus in Smithfield, RI, which is situated 15 minutes from Providence, RI, and 45 minutes from Boston, MA.

The Department of Mathematics, through its commitment to academic excellence, provides the theoretical foundation for critical thinking in quantitative problem solving and reasoning. Faculty help students to develop their ability to effectively communicate mathematics, and prepare them for success in a career in actuarial mathematics, applied mathematics, applied statistics, or other profession. The department offers two majors, a concentration, and three minors. It also supports the multidisciplinary applied analytics concentration, one of the very few in the nation offered at the undergraduate level, as well as the Graduate Certificate in Business Analytics.

Assistant professor:

Principle Accountabilities: The candidate will be expected to expand undergraduate statistics courses and to participate in creating courses for a future master's degree in Applied Statistics. Besides teaching and advising students at all levels of the department's curriculum, he/she will be expected to develop an active program of research with publications. The candidate will also be required to participate in appropriate service to the department, the college, and the university at large.

Qualifications: The candidate must have a doctoral degree in statistics, applied statistics or a related field from an accredited university. The candidate will demonstrate his/her ability to develop a strong research path with publications. The candidate will demonstrate an effective teaching strategy at both the graduate and undergraduate level. The candidate should possess expertise in statistical software packages such as
SAS, SPSS or R. Preference will be given to candidates with a strong background in SAS.

Certain requirements are subject to possible modification to reasonably accommodate persons with disabilities.

Working Environment: This is a full-time tenure track position. The normal teaching load for tenure track faculty, who are actively engaged in scholarly research and publication, is nine (9) hours per semester. The normal teaching load for newly appointed Assistant Professors, who do not receive credit toward promotion for prior teaching experience, shall be twelve (12) hours per academic year for the first academic year of service at the University.

Candidates must be committed to teaching excellence and serve as active members of the Bryant Community.

Posting Number FAC01506; Open Date 05/08/2015

We encourage the applications of candidates with methodological expertise in applied statistics. Candidates with research interests in Data Mining, Big Data Science, Predictive Modeling, Actuarial Science or Decision Analysis are encouraged to apply. We expect that the candidate will have strong communication skills as a classroom instructor and as a presenter of research findings to others.

Candidates must submit their application electronically and include a letter of interest and current curriculum vitae. The applicant should be prepared to include contact information for three references; listed references will be notified electronically to submit a letter of support to your application.

Required Documents

- Curriculum Vitae
- Cover Letter/Letter of Application

Optional Documents

- Teaching Philosophy
- Unofficial Transcripts
- Other Document
- Research Sample
- Teaching Evaluation(s)
- Licenses and Certifications

Lecturer:
Principle Accountabilities: This position includes teaching undergraduate mathematics courses (subject areas include statistics and actuarial mathematics) as well as contributing to student growth and development through active involvement in student related activities (e.g., advising, working with student organizations). Providing service to the university and community is also required.

Qualifications: Candidates must have a Master's Degree in mathematics or a related field with expertise in statistics and/or actuarial mathematics. Current experience teaching related coursework is desired as is industry experience. Preference will be given to statistics candidates who also possess applied knowledge of SAS, SPSS, and R, or to actuarial math candidates who are in process to receive, or have received, associate or fellow certification. Candidates must be committed to teaching excellence and serve as active members of the Bryant Community.

Certain requirements are subject to possible modification to reasonably accommodate persons with disabilities.

Working Environment: This is a one-year, non-tenure track appointment. Normal teaching load is twenty-four (24) class hours per academic year (not to exceed twelve (12) class hours per semester).

Posting Number FAC01505; Open Date 05/08/2015

Applicants must apply electronically and include a cover letter and current resume/curriculum vitae.

Required Documents

- Resume
- Cover Letter/Letter of Application

Optional Documents

- Teaching Philosophy
- Unofficial Transcripts
- Other Document
- Letter(s) of Recommendation
- Teaching Evaluation(s)
- Licenses and Certifications

(2) Wesleyan University, Quantitative Analysis Center: Professor of the Practice (two positions)

WESLEYAN UNIVERSITY QUANTITATIVE ANALYSIS CENTER invites applications for two openings for Professor of the Practice: responsible for the teaching and development of data analysis courses, and for consulting with faculty interested in
incorporating data analysis work in their courses, and for scholarly activities. The person in this position will engage in diverse collaborations with academic departments, programs and individual faculty across the university to promote data analysis work. The professor of the practice will contribute to the further development of the digital and computational knowledge initiative, the scientific computing and informatics program, and data science related initiatives, by teaching existing courses and collaboratively working on the development of new ones that serve the curriculum needs of several academic departments/programs (including graduate programs) and by facilitating the development of quantitative reasoning across the curriculum. Courses may include online components in addition to face-to-face instruction. Professors of the practice are not tenure-track positions, but are renewable positions based on performance, budget, and continued need. This position may be at the assistant, associate, or full professor level depending on the experience and qualifications of the candidate. The primary responsibility of this position will be to teach and co-teach courses in data analysis and statistical computing. Consulting will be a significant secondary responsibility. Consulting activities may include but are not limited to: working with faculty in integrating data analysis in course work, advising faculty and students on appropriate data analysis methods, organizing professional development opportunities, collaborating on grant writing, and developing consortia and externally funded projects. Participating on campus committees and working groups and performing related duties as assigned.

To apply, submit a letter of application cover letter, a curriculum vitae, statement of teaching philosophy, and the names and email addresses of three referees should be submitted via http://careers.wesleyan.edu/postings/4852. Applications received by June 1, 2015 will receive full consideration.

Contact for additional information: Manolis Kaparakis mkaparakis@wesleyan.edu 860-685-3795

The UAB Department of Biostatistics has open faculty positions. Candidates at all ranks are encouraged to apply.

Link: http://www.soph.uab.edu/bst/jobs

(3) University of Alabama at Birmingham, Department of Biostatistics: faculty position, open rank and tenure

The Department of Biostatistics, School of Public Health at the University of Alabama at Birmingham (UAB) invites applications for a tenured/tenure-track/non-tenure track faculty member at the Assistant/Associate/Professor rank (rank and tenure status commensurate with qualifications). This is a 12-month, full time position. Faculty will be expected and given the opportunity to develop their own independent line of research. In addition, substantial opportunities to collaborate and publish with other established investigators will be offered. This is an excellent opportunity to expand one’s career into one of the most rapidly progressing and in-demand areas of scientific
Candidates must have a background in biostatistics research methods, clinical trials, or statistical genetics research, a doctoral degree in biostatistics, mathematics or related, and a demonstrated ability to apply these techniques to biostatistics research. Proven ability to conduct innovative research is required. A successful track record of grant-funding is highly desirable. A successful track record of publication and collaboration as part of a research team is essential. We are seeking a bright, energetic, hard-working person who enjoys and excels at working as a team player with inter-disciplinary colleagues. Graduate level teaching (minimum 1 course per year) is required.

Applications will be accepted until the positions are filled. Applications, supported by cover letter indicating the interest for the position, a statement of teaching experience, full curriculum vitae and the names and contacts of four references should be sent to:

Chair, Search Committee 00504
Department of Biostatistics
University of Alabama at Birmingham
1665 University Blvd, Ryals Public Health Bldg 414
Birmingham, AL 35294-0022
Phone: (205) 934-4905; Fax: (205) 975-2540
Email: BSTChair@uab.edu

A pre-employment background investigation is performed on candidates selected for employment.

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of, race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans.

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(1) NSF CISE: Announcement of Changes to Submission Windows for CISE Core Programs as well as the SaTC Program

NSF 15-079:
Dear Colleague Letter: Announcement of Changes to Submission Windows for the Computer and Information Science and Engineering (CISE) Directorate's Core Programs as well as the Secure and Trustworthy Cyberspace (SaTC) Program

May 13, 2015

Dear Colleagues:

The National Science Foundation's (NSF) Directorate for Computer and Information Science and Engineering (CISE) announces its intention to revise the submission windows for its core programs as well as the Secure and Trustworthy Cyberspace (SaTC) program for the 2015-16 academic year. Specifically, the following submission windows are anticipated:

- **Medium and Large proposals**: September 2015; and
- **Small proposals**: November 2015.

Specific dates for these revised submission windows will be announced when the core program solicitations are re-issued later this spring.

The complete list of programs that will use these revised submission windows is as follows:

- Algorithmic Foundations (AF);
- Communication and Information Foundations (CIF);
- Computer Systems Research (CSR);
- Cyber-Human Systems (CHS);
- Information Integration and Informatics (III);
- Networking Technology and Systems (NeTS);
- Robust Intelligence (RI);
- Secure and Trustworthy Cyberspace (SaTC); and
- Software and Hardware Foundations (SHF).
Principal Investigators interested in submitting proposals for consideration by the CISE programs listed above are encouraged to consult the websites of the CISE Divisions of Computing and Communication Foundations (CCF), Computer and Network Systems (CNS), and Information and Intelligent Systems (IIS); the program solicitations will be linked from these websites as soon as they are re-issued for 2015-16.

Sincerely,

James Kurose
Assistant Director, CISE

(2) NSF: Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM)

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM)

Full Proposal Window: June 19, 2015
Call for Nomination Open Period

Program Guidelines: NSF 15-551

The Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) is a Presidential award established by the White House in 1995. The PAESMEM program is administered by the National Science Foundation (NSF) on behalf of the White House Office of Science and Technology Policy (OSTP).

Nominations, including self-nominations, are invited for "Individual" and "Organizational" PAESMEM awards. Individuals and organizations in all public and ... More at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5473&WT.mc_id=USNSF_39&WT.mc_ev=click

(3) Two NIJ opportunities

Evaluation of School Safety Methods

NIJ seeks applications for grant funding under the Comprehensive School Safety Initiative (CSSI), which aims to build evidence-based knowledge about the causes of school violence and test innovative approaches that will contribute to our understanding of how to help make schools safe for students and school personnel.

CSSI grantees will work to:

- Develop knowledge about what works to make schools safe.
- Explore the causes and consequences of school violence.
- Develop and evaluate a comprehensive school safety framework.

Applications for funding are due 11:59 p.m. eastern time on June 12, 2015.

See the solicitation.

Not interested in funding, but want to help? We are also looking for subject-matter experts to peer-review CSSI applications. Reviews will occur from June–August 2015. NIJ peer reviewers receive a nominal compensation as well as non-monetary benefits, such as professional experience and providing a valuable public service.

Learn more about becoming a peer reviewer.

New Solicitation: Evaluation of the Office for Victims of Crime Supporting Male Survivors of Violence Demonstration

05/18/2015

NIJ is seeking applications for an evaluation of the Office for Victims of Crime Supporting Male Survivors of Violence Demonstration Initiative. The demonstration, undertaken with the Office of Juvenile Justice and Delinquency Prevention, seeks to improve the responses to male survivors of violence, particularly boys and young men of color, and their families and dedicate technical assistance to support these efforts. Among other things, the demonstration evaluator will:

- Determine appropriate baseline data points and study measures across each of the sites for a demonstration-level evaluation.
- Independently assess the fidelity of the implementation of the strategies identified by each of the demonstration sites to improve their services for male survivors of violence and their families.

The deadline for applications under this funding opportunity is July 2, 2015.

- Download the solicitation.
- View all current funding opportunities from NIJ.
(1) Short Course on Patient-Reported Outcomes: Measurement, Implementation and Interpretation

Instructors: Joseph C. Cappelleri and Andrew G. Bushmakin, Pfizer Inc

Friday, June 26, 2015, 7:30am - 8:30am Sign-in and Continental Breakfast 8:30am - 12:30pm Course

Boston University School of Public Health Hiebert Lounge (14th floor of the Instructional Building), 72 East Concord Street, Boston MA

More Information and Course Registration:

https://www.eventbrite.com/e/patient-reported-outcomes-measurement-implementation-and-interpretation-tickets-16957038960

Short Course Summary: This short course will provide an exposition on health measurement scales - specifically, on patient-reported outcomes. Some key elements in the development of a patient-reported outcome (PRO) measure will be noted. The core topics of validity and reliability of a PRO measure will be discussed. Exploratory factor analysis and confirmatory factor analysis, techniques to understand the underlying structure of a PRO measure, will be described. The topic of mediation modeling will be presented as a way to identify and explain the mechanism that underlies an observed relationship between an independent variable and a dependent variable via the inclusion of a third variable, known as a mediator variable. Approaches to interpret PRO results will be elucidated in order to make results useful and meaningful. Other topics such as item response theory and longitudinal analysis will be considered if time permits. Illustrations will be provided mainly through real-life examples and also through simulated examples using SAS.

Biography of Speakers

Joseph C. Cappelleri earned his MS in statistics from the City University of New York, his PhD in psychometrics from Cornell University, and his MPH in epidemiology from Harvard University. He is a senior director of statistics at Pfizer Inc and Fellow of the American Statistical Association. He has delivered numerous conference presentations and published extensively on clinical and methodological topics, including regression-discontinuity designs, meta-analysis, and health measurement scales.

Andrew G. Bushmakin earned his MS in applied mathematics and physics from the National Research Nuclear University (former Moscow Engineering Physics Institute, Moscow, Russia). He has more than 20 years of experience in mathematical modeling and data analysis. He is a director of statistics at Pfizer Inc. He has coauthored
numerous articles and presentations on topics ranging from mathematical modeling of neutron physics processes to patient-reported outcomes.

Sponsored by the Boston Chapter of the American Statistical Association and the Boston University Biostatistics Department

(2) Thanks from “This is Statistics”

Thank you to the following Departments for displaying the “This is Statistics” logo on their websites:

- Pennsylvania State University Department of Statistics: [http://stat.psu.edu/](http://stat.psu.edu/)
- Purdue University Department of Statistics: [http://www.stat.purdue.edu/](http://www.stat.purdue.edu/)
- South Dakota State University Department of Mathematics and Statistics: [http://www.sdstate.edu/mathstat/](http://www.sdstate.edu/mathstat/)
- University of Chicago Department of Statistics: [https://galton.uchicago.edu/](https://galton.uchicago.edu/)
- University of Idaho Department of Statistical Science: [http://www.uidaho.edu/sci/stat](http://www.uidaho.edu/sci/stat)
- University of Wisconsin Department of Biostatistics and Medical Informatics: [https://www.biostat.wisc.edu/](https://www.biostat.wisc.edu/)

Sorry to those we missed. (Please let us know if we did.) We’ll keep updating this list as other departments join in. Remember, this is a collective investment in the future of our discipline and profession.

(3) An interesting reminder of the importance of the sound practice of statistics

Editor’s note: As I come across articles that might be of wide interest to our communities, I’ll share them with you in this forum. Here’s one that was pointed out to me this week as a great reminder of what can go wrong – in this case, on purpose to
(4) Abstract submission for the ASA Conference on Statistical Practice

Abstracts are now being accepted for the 2016 ASA Conference on Statistical Practice (CSP), February 18-20, 2016, San Diego, California.

The deadline for submission is June 25th. Presentations will be 35 minutes long and fall into four broad themes:

- Communication, Impact, and Career Development
- Data Modeling and Analysis
- Big Data Prediction and Analytics
- Software, Programming, and Graphics

Abstracts may be submitted at Abstract Submission

(5) Two webinars from the Mental Health Statistics Section

NIH Opportunities for Theory, Modeling, Computation, and Statistics Researchers

Presenter: Gregory Farber, Director, Office of Technology Development and Coordination, National Institute of Mental Health
Date and Time: Wednesday, June 17, 2015, 1:00 p.m. - 2:00 p.m. Eastern time
Sponsor: Mental Health Statistics Section

Registration Deadline: Monday, June 15, at 12:00 p.m. Eastern time

Description: The National Institutes of Health works to improve health and save lives. Quantitative researchers play a key part in these efforts. This talk will discuss the various programs that might be of interest to the statistics community. Areas that will be covered include the Big Data to Knowledge (BD2K) effort, the BRAIN Initiative, new NIMH expectations for data sharing, and some of the many databases that make data freely available to the research community.

Registration Fees:
Member of the Mental Health Statistics Section: $60
ASA Member: $90
Nonmember: $110
Each registration is allowed one web connection and one audio connection. Multiple persons are encouraged to view each registered connection (for example, by projecting the webinar in a conference room).

Register for this webinar at:


Mixed Models for Longitudinal Categorical Outcomes

Presenter: Donald Hedeker
Date and Time: Thursday, July 16, 2015, 12:00 p.m. - 2:00 p.m. Eastern time
Sponsor: Mental Health Statistics Section

Registration Deadline: Tuesday, July 14, at 12:00 p.m. Eastern time

Description: This webinar will focus on analysis of longitudinal data using mixed models. Because dichotomous, ordinal and nominal outcomes are common in many areas of research, this webinar will mainly consider the mixed logistic regression model, and generalizations of it. Specifically, the following models will be described: mixed logistic regression for dichotomous outcomes, mixed logistic regression for nominal outcomes, and mixed proportional odds and non-proportional odds models for ordinal outcomes. The latter models are useful because the proportional odds assumption of equal covariate effects across the cumulative logits of the model is often unreasonable. Use of the program SuperMix for these models will be described and illustrated.

Registration Fees:
Member of the Mental Health Statistics Section: $75
ASA Member: $90
Nonmember: $105

Each registration is allowed one web connection and one audio connection. Multiple persons are encouraged to view each registered connection (for example, by projecting the webinar in a conference room).

Register for this webinar at:

http://www.amstat.org/eries/scriptcontent/beweb/event/eventinfo.cfm?product_major=WS201507