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.

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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
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).

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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