



UNIVERSITY OF PUERTO RICO AT CAYEY

CALL FOR TWO TENURE-TRACK FACULTY POSITIONS DEPARTMENT OF MATHEMATICS/PHYSICS University of Puerto Rico at Cayey 2016-2017

The Department of Mathematics at The University of Puerto Rico at Cayey (UPR- C) invites applications for two tenure-track positions at the Assistant Professor level in the area of applied mathematics, beginning on January 2017. UPR- C is an undergraduate institution that values interdisciplinary education, research and community service as part of the teaching and learning process (see <http://cayey.upr.edu/>)

• APPOINTMENT IN BIO- MATHEMATICS

Requirements:

Ph.D in mathematics, with experience in applied mathematics, preferably in biomathematics. Preference will be given to candidates who can contribute to our research and curricular offerings in Biomathematics. Candidates are expected to have experience with teaching university level courses, seeking external funding for their research and mentoring undergraduate students in research.

Applicants should send the following documents:

- Curriculum Vitae
- Official transcripts
- A cover letter that states research interests and experience as well as teaching philosophy.
- Copy of one recent publication in author's specific research field.
- Three letters of recommendation.

• JOINT APPOINTMENT IN APPLIED STATISTICS

Candidates selected for this tenure-track joint appointment position between the Department of Mathematics/Physics and the Institute of Interdisciplinary Research will devote 50% of time to each unit. Candidates will have a maximum teaching load of 2 undergraduate courses per semester.

Requirements:

- Ph.D. in applied mathematics with specialization in statistics, bio-statistics or bio-informatics. Candidates with a Ph.D. related to health, such as epidemiology, demography and health economics will also be considered; however, they should have a solid background in mathematics equivalent to the course content of a master degree in this field.
- Track record of collaboration with colleagues from diverse disciplines, specifically on projects related to the areas of health and biomedicine.
- Experience with diverse research methods, instrument design, sampling and applied statistics.
- Experience developing research proposals.
- Recent peer-reviewed publications.
- Proven leadership and communication skills and the ability to effectively collaborate on multi and interdisciplinary projects.
- Experience teaching college-level courses.

Priority will be given to candidates with the following qualifications: experience with teaching mathematics courses at the college level, post-doctoral training, knowledge of Bayesian statistics, mentoring of undergraduates in research, publishing in blogs or other social media, and collaborations with other researchers in applied or community-based research.

Applicants should send the following documents:

- Curriculum Vitae
- Official transcripts
- Any applicable professional certifications
- A cover letter that states research interests and experience as well as teaching philosophy.
- A 1000 (max) word essay that describes:
 1. interdisciplinary collaborations
 2. ability to develop programmatic research proposals
 3. experience or ability to teach college-level mathematics courses
- Copy of one recent publication in author's specific research field.
- Three letters of recommendation.

Starting salary for both positions is \$62,256, plus benefits

The application deadline for submitting all documents is **November 10, 2016**.

Send documents via regular mail or e-mail to:

Dean of Academic Affairs
University of Puerto Rico at Cayey
PO Box 372230
Cayey, Puerto Rico 00737-2230
decanato-academico.cayey@upr.edu

For additional information, call:

Department of Mathematics-Physics: 787-738-2161, exts. 2029, 2195
Institute of Interdisciplinary Research: 787-738-2161, exts. 2615, 2616

Notes: The University of Puerto Rico at Cayey is under no obligation to fill advertised positions. The University of Puerto Rico at Cayey provides equal employment opportunity. It does not discriminate on the basis of race, color, sex, sexual orientation, religion, age, political affiliation, ethnic or national origin, or disability in its admission policy, programs, activities and employment practices.

As a general rule, the University will hire faculty who can communicate correctly in Spanish. Under specific and justified circumstances, the University will hire personnel who is not fluent in the vernacular, but with the commitment that they will be able to communicate fluently in Spanish after four years of working in the Institution and as a prerequisite for tenure (Certification #64 2003- 04 of the Academic Senate of the University of Puerto Rico at Cayey)

Authorized by the Puerto Rico Election Commission #CEE-C-16-089E