

Howard University

Department of Mathematics

Two positions: Statistics and Computational Math Biology

The Department of Mathematics in the College of Arts and Sciences invites applications for two tenure-track positions at the rank of Assistant Professor, one with research interests in the area of Statistics and the other in Computational Math Biology. The statistician should be ready to play a significant role in developing a program in Data Science and Data Analytics and should be active in research. The Computational Math-Biologist should complement the strength of the department in Math Biology and have current connections outside the mathematical community. We seek outstanding applicants with the potential for excellence in research and teaching. Successful candidates are expected to develop vigorous, extramurally funded research programs in the areas of their expertise, actively participate in the Department's teaching and curriculum development at the undergraduate and graduate levels, and mentor undergraduate and graduate students. Evidence of interest and success in mentoring underrepresented minority students is highly desired.

Howard University, a culturally diverse, comprehensive, research intensive and historically Black private university, provides an educational experience of exceptional quality at the undergraduate, graduate, and professional levels to students of high academic standing and potential, with particular emphasis on educational opportunities for Black students. Howard University is classified as a Doctoral University: Higher Research Activity institution by the Carnegie Foundation for the Advancement of Teaching. It is a residential campus of approximately 10,000 students located in the heart of the nation's capital, Washington, DC.

The Department of Mathematics currently consists of 40 faculty members, conducting pure and applied research with specializations in algebra, analysis, combinatorics, geometry and topology, dynamical systems, number theory, topological algebra and Ramsey theory, probability and statistics, mathematical biology, applied mathematics and interdisciplinary research. It offers BS, MS, and PhD degrees in Mathematics.

Required Qualifications:

- Earned doctorate (Ph.D.) in Mathematics (for either position) or Statistics (for the statistics position) from an accredited institution;
- Record of scholarship, teaching, and professional service commensurate with the rank of assistant professor;
- Effective communication and organizational skills; and
- Evidence of the potential to obtain external research funding.

Complete applications consist of a single PDF file containing:

- 1) Cover letter addressing qualifications listed above;
- 2) Current curriculum vita;
- 3) Two-page statement of research accomplishments, interests and future plans;
- 4) Two-page statement of teaching experience and philosophy; and
- 5) Names and contact information for at least three references who will provide letters upon request from the faculty search committee.

Completed applications should be addressed to the Chair of the Faculty Search Committee: Prof. Alexander Burstein, and submitted electronically to aburstein@howard.edu. Screening will begin on March 8, 2018, and continue until the positions are filled. The desired starting date is August 15, 2018. Additional details and information can be found at <http://coas.howard.edu/mathematics/>.

Howard University is an Equal Opportunity/Equal Access/Affirmative Action employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.