Howard University

Department of Mathematics

Assistant Professor in Mathematical Data Science

The Department of Mathematics, in the College of Arts and Sciences, invites applications for a tenure-track position at the rank of Assistant Professor with research interests in the area of Mathematical Data Science, with applications in emerging domains such as Financial Mathematics and Mathematical Economics. We seek outstanding applicants with a demonstrated track record of excellence in research and teaching. Successful candidates are expected to develop vigorous, extramurally-funded research programs in their areas of expertise, actively participate in the Department's teaching and curriculum development at the undergraduate and graduate levels, and mentor undergraduate and graduate students. Collaboration with the existing HU Center for Applied Data Science and Analytics (CADSA) faculty on data science research is also expected. Evidence of interest and success in mentoring underrepresented 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 upon educational opportunities for Black students. Howard University is currently classified as an R2 research university with aspirations and actions underway to achieve R1 status within the next few years. It is a residential campus of approximately 13,000 students located in the heart of the nation's capital, Washington, DC.

The Department of Mathematics currently consists of thirty-eight (38) faculty members, conducting pure and applied research with specializations in Algebra, Analysis including Dynamical Systems and PDEs, Applied Mathematics including Mathematical Biology, Combinatorics, Probability and Statistics, Differential Geometry and Topology, and Number Theory. It offers BS, MS, and PhD degrees in AA with foci in Pure Mathematics, Applied Mathematics and Statistical Sciences.

Required Qualifications:

- Earned doctorate in Mathematics, Applied Mathematics or Statistical Sciences   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 successful grant writing experience.

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 search committee.

Completed applications should be addressed to the Chair of the search committee, Dr. David James, and submitted electronically to djames@howard.edu. Screening will begin on December 15, 2022 and continue until the position is filled. The desired starting date is August 16, 2023. Additional details and information can be found at http://mathematics.howard.edu.

The University does not discriminate on the basis of race, color, national and ethnic origin, sex, sexual orientation, gender or gender identity, marital status, religion, disability or protected veterans status. Veterans and people with disabilities are encouraged to apply. Inquiries regarding provisions for persons with disabilities or veterans status, Equal Employment Opportunity and Title IX should be directed to the Office of Employee Relations and Equal Employment Opportunity at 202-806-1280.