

# **Howard University**

## **Professor of Atmospheric Science**

### **Department of Interdisciplinary Studies**

The Department of Interdisciplinary Studies in the College of Arts and Sciences invites applications for a position at the rank of tenured Professor, for a nationally and internationally recognized Atmospheric Scientist in one or more topical areas related to: (1) interdisciplinary scientific research to support modeling and forecasting activities for building community resilient against extreme weather, water and climate events; (2) innovative observations for advancing climate, weather, and air quality analysis and prediction; and (3) integrated research in support of advancing public safety through impact-based Decision Support Services (IDSS).

The candidate must have an extensive record of publication and funding, demonstrated capacity to lead major interdisciplinary research and investigative projects, as well as a record of collaboration with major national and international agencies. There also must be evidence that the candidate will continue to actively serve as a leading scholar in their academic field. The successful candidate will serve as the Distinguished Research Scientist at the NOAA Cooperative Science Center in Atmospheric Sciences and Meteorology (NCAS-M). In that capacity the candidate is expected to:

- Coordinate with NCAS-M affiliates to develop research projects in alignment with NOAA and Center missions.
- Lead the Center's science plan, developing and maintaining relationships with NOAA scientists and other stakeholders.
- Maintain an outstanding record of research accomplishment and make research results publicly accessible.
- Facilitate and coordinate scientific research between NOAA, other Federal/State agencies, and Industry and NCAS-M.
- Leverage resources to gain funding from other agencies and organizations
- Teach courses in both undergraduate as well as graduate levels in topics related to meteorology and atmospheric sciences.
- Mentor students and postdoctoral fellows assisting with the development of research and semi-annual reports.

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.

The Graduate Program in Atmospheric Science (HUPAS) is currently housed within the Graduate School and offers MS and PhD degrees in all subdisciplines of meteorology, atmospheric and climate sciences. The Board of Trustees has approved a new Department of Earth, Environment, and Equity (EEE) housed within the College of Arts and Sciences which will include Atmospheric Science, as well as Earth Systems Science, Environmental Science, and Environmental Studies.

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.

**Required Qualifications:**

- Earned doctorate in Atmospheric Science or related fields from an accredited institution.
- At least 10 years or equivalent experience.
- Record of scholarship, teaching, and professional service commensurate with the rank of tenured full professor.
- Effective communication and organizational skills.
- Evidence of successful grant writing experience.

Complete applications consist of a single PDF file containing:

- 1) Cover letter addressing qualifications listed above.
- 2) Curriculum vitae.
- 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 four references who will provide letters upon request from the search committee.
- 6) Statement on Diversity and Inclusion.

Completed applications should be addressed to the Chair of the search committee: Dr. Sen Chiao and submitted electronically to [sen.chiao@howard.edu](mailto:sen.chiao@howard.edu). Review of applications will begin right away. The position will remain open until filled. The starting date is August 16, 2023. Additional details and information can be found at <http://www.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.*