

Assistant Professor
Howard University

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Posted Nov. 17, 2025, set to expire Apr. 1, 2026

Job Title Assistant Professor

Department Mechanical Engineering

<https://cea.howard.edu/academics/departments/department-mechanical-engineering>

Institution Howard University
Washington, District of Columbia

Date Posted Nov. 17, 2025

Application Deadline Open Until Filled

Position Start Date 2026

Job Categories Assistant Professor

Academic Field(s) Mechanical Engineering

Apply By Email

Job Description

Faculty Position Announcement
Howard University

Department of Mechanical Engineering

The Department of Mechanical Engineering at Howard University invites applications for an anticipated tenure-track faculty position at the assistant professor level. Candidates should hold an earned doctoral degree in mechanical engineering or a closely related discipline and are expected to teach at the graduate and undergraduate levels and build and maintain strong funded research programs.

The position is for candidates with academic preparation in the Thermal/Fluid Sciences and expertise in areas related to CAE/CFD research and applications in the design of Thermal/Fluid systems. The ideal candidate is expected to not only teach undergraduate and graduate courses in the department

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but to also develop externally funded research projects in emerging areas such as ML and AI augmented CAE/CFD, Multiphysics and multiscale modelling, biofluid dynamics, CFD/CAE in advanced manufacturing processes, energy conversion and utilization in the built environment. Preference will be given to candidates with interdisciplinary and/or multidisciplinary interest, effective and varied familiarity with CAE/CFD related simulation and design engineering software, and strong interest in the development of research and experimental facilities in rapidly emerging areas.

The College of Engineering and Architecture (CEA) is one of Howard University's 14 schools and colleges. The CEA is home to five academic departments offering accredited undergraduate degree programs and graduate degree programs. The departments include Architecture, Chemical Engineering, Civil and Environmental Engineering, Electrical Engineering and Computer Science, and Mechanical Engineering.

The Department of Mechanical Engineering offers studies leading to the Bachelor of Science, Master of Engineering (M.Eng.), and Doctor of Philosophy (Ph.D.) degrees in Mechanical Engineering. The M.Eng. and Ph.D. programs also include interdisciplinary degrees in Atmospheric Science and Materials Science. The department has a few research laboratories which support the academic and research endeavors of the discipline. Information about the Department of Mechanical Engineering is available at <https://mech.howard.edu>.

To Apply

Applications should include the following: (1) cover letter addressing qualifications, (2) a complete curriculum vita, (3) names, addresses and phone numbers of at least four references familiar with the candidate's research/teaching abilities, (4) a detailed statement of research interests (indicating the scope of research and its importance to basic scientific and/or technical knowledge in emerging areas), (5) a statement of teaching interest, and (6) copies of three representative publications. Screening will start immediately and continue until the position is filled.

Applications should be submitted electronically as a single PDF file to: cea.me@howard.edu

Additional information regarding the position should be addressed to:

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Dr. Emmanuel Glakpe (eglakpe@howard.edu)

Chair, Faculty Search Committee

Department of Mechanical Engineering

Howard University

2300 Sixth Street NW, Room 2032

Washington, DC 20059

About Howard University

Founded in 1867, Howard University is a private research university located in Washington, D.C. and is comprised of 14 schools and colleges. Howard University is a culturally diverse, comprehensive, and research intensive historically black private university that provides an educational experience of exceptional quality at the undergraduate, graduate, and professional levels to students of high academic standing and potential. Howard University recently received the coveted RI classification.

Students pursue studies in more than 140 areas leading to undergraduate, graduate, and professional degrees. To date, Howard has awarded more than 120,000 degrees in engineering, the arts, the sciences, and the humanities, and has more on-campus African American Ph.D. recipients than any other university in the United States. The historic main campus sits on a hilltop in Northwest Washington blocks from the storied U Street and Howard Theatre. We are two miles from the U.S. Capitol where many students intern, and scores of alumni shape national and foreign policy.

Howard is a leader in STEM fields. The National Science Foundation has ranked Howard as the top producer of African American undergraduates who later earn science and engineering doctoral degrees. The University also boasts nationally ranked programs in medicine, social work, business, and communications. To date, we have produced one Schwarzman Scholar, three Marshall Scholars, four Rhodes Scholars, 12 Truman Scholars, 25 Pickering Fellows and more than 165 Fulbright recipients.

Howard University is committed to providing equal opportunity in employment as well as in its educational programs and activities. The University prohibits discrimination or harassment based on race, color, national and ethnic origin, sex, marital status, religion, or disability, veteran status, sexual orientation, political affiliation, gender identity or any other classification, activities or conditions protected by applicable law.

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EEO/AA Policy

Equal Employment Opportunity

Howard University is committed to providing equal opportunity in employment as well as in its education programs and activities. To maintain a workplace in which all employees are treated with respect and decency, Howard University prohibits any discrimination or harassment based on race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, family status and responsibilities, personal appearance, political affiliation, marital status, gender identity, or expression, genetic information, matriculation, unemployed status, or any other classifications, activities or conditions protected by applicable law.

Staff and faculty EEO concerns should be directed to the Office of Human Resources at (202) 806-1280 or at eeo@howard.edu.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Emmanuel Glakpe, Chair, Faculty Search
Committee
Mechanical Engineering
Howard University
2300 6th Street, NW Room 2032
Washington, D.C. 20059

Contact E-mail eglakpe@howard.edu