

Visiting Faculty Position in Mechanical Engineering

The Department of Mechanical Engineering (ME) and the School of Engineering and Applied Sciences (SEAS), at the University of the District of Columbia in Washington, DC is pleased to invite applications for a visiting faculty position at the rank of Assistant Professor (9 month salary up to \$91,760). The position start date could be as soon as January 2024. Our program was recently named the [2020 Best Affordable Mechanical Engineering Degree Program](#) nationally. The ME department has the following four main research areas: Energy Science, Advanced Manufacturing, Materials & Nanotechnology, and Biomedical Engineering. We have established laboratories in the areas of Metal Additive Manufacturing, Biomechanical & Rehabilitation Engineering, Nanoscale Heat Transfer, Microscopy and Device Characterization, and Nano/Microfabrication Technology with a class-1000 cleanroom. Successful applicants will have the opportunity collaborate with other faculty members within SEAS and to participate in our [Research Centers](#). The department will consider candidates who can teach several courses within the mechanical engineering discipline; however, a particular emphasis will be placed on aerospace/aeronautics, fluid mechanics, thermodynamics, heat transfer, design of energy systems, renewable energy (e.g., solar and fuel cells), materials science/mechanics of materials, nanotechnology, advanced manufacturing, CAD and machine design courses.

The University of the District of Columbia (UDC) is an urban land-grant institution and is classified as a Historically Black College and University (HBCU). UDC is the only public university in Washington, DC and it aims to offer a comprehensive, quality post-secondary education that is affordable to DC residents at the certificate, associate, baccalaureate, and graduate levels. Within SEAS, ABET-accredited programs are offered in Biomedical Engineering, Civil Engineering, Computer Science and Information Technology, Electrical Engineering and Computer Engineering, and Mechanical Engineering along with graduate programs in the aforementioned disciplines. The students from the School of Engineering and Applied Sciences have won national design competitions and obtained internships and positions with top employers. UDC is located within a 30-mile distance from the Naval Research Laboratory, Army Research Laboratory, National Institute of Standards and Technology (NIST), National Institute of Health (NIH), NASA and hundreds of technology-focused private and government organizations.

Candidates must hold a doctoral degree in Mechanical Engineering, or a closely related field, and possess a strong record of teaching and scholarly work. Successful candidates are expected to demonstrate exceptional interpersonal communication skills and a commitment to engineering education and service to the ME Department's programmatic needs. Candidates with ABET experience or practical engineering laboratory and experimentation background are highly desirable.

All applicants should submit the following materials in electronic format AS A SINGLE PDF to <https://udc.applicantstack.com/x/detail/a2hbyxh4b0cx?pge=2> :

1. Curriculum Vitae (with a complete list of publications)
2. Statement of teaching & research interests
3. Statement of teaching philosophy and equity in education
4. Names and contact information of three references

Review of applications will begin immediately and continue until the position is filled. The University of the District of Columbia is an Equal Opportunity/ Affirmative Action Employer. Women and underrepresented minorities are strongly encouraged to apply. For any questions, please contact the Department and Search Committee Chair: Dr. Kate Klein at (kate.klein@udc.edu).