



UNIVERSITY OF MARYLAND

GLENN L. MARTIN INSTITUTE OF TECHNOLOGY
A. JAMES CLARK SCHOOL OF ENGINEERING

Faculty Position in Fire Protection Engineering University of Maryland

The Department of Fire Protection Engineering (FPE) at the University of Maryland is a unique academic unit dedicated to the education of fire safety engineers/researchers as well as to the advancement of fire science. The Department offers an exciting and rewarding opportunity in fire protection engineering education and research. Fire safety is an interdisciplinary field that includes the dynamics of fire and smoke (in structures and in the wildland), the design of fire-safe systems (materials, products, processes, buildings, communities, *etc.*), people's behavior in fire and the design of safe egress solutions, the environmental impact of fire, fire hazard and risk analysis, fire investigation, and the role of regulations and public policy. Fire research includes, but is not limited to, the fundamentals of combustion, material flammability, fire suppression, wildland fires and wildland-urban-interface fires, process safety and explosions, structural resistance to fire, human response and behavior in fire, resilience of buildings and communities, etc.

Applications are invited for a tenure-track position at the Assistant/Associate Professor level. Applicants should have a doctorate in a relevant discipline. An experience in teaching and a background in fire protection engineering are desirable. We are looking for a candidate who is excited to lead and work with undergraduate and graduate students. The position requires teaching at the undergraduate and graduate levels, and establishing a successful, externally funded research program. Candidates with computational and/or experimental experience are encouraged to apply.

The department offers the only ABET accredited B.S. Degree in Fire Protection Engineering in the United States. The graduate program offers a research M.S. degree and a professional Master of Engineering degree. The FPE department has an active Ph.D. program that is administered through collaborations with other departments in the Clark School of Engineering. The department is a small-size academic unit that prides itself on having highly collaborative interactions between faculty, staff and students. It also features state-of-the-art experimental and computational facilities. Fire Protection Engineering is one of eight departments in the A. James Clark School of Engineering at the University of Maryland, College Park. The school of engineering has approximately 220 full-time tenure-track faculty members and is ranked in the Top 20 in the country (U.S. News and World Report). College Park is located in the Washington, DC, metropolitan area. The proximity of the campus to the nation's capital allows the development of synergistic opportunities and strong research ties with federal government research laboratories, corporations, and start-ups. The University is committed to attracting and retaining outstanding and diverse faculty and staff who will enhance our stature of preeminence in the three missions of teaching, scholarship, and full engagement in our community, the state of Maryland, and the world.

A cover letter, a curriculum vitae, a statement of research and teaching interests, and names of at least three professional references should be submitted electronically to: <https://ejobs.umd.edu/>; position number **125438**. Women and under-represented minorities are particularly encouraged to apply, and candidates who have demonstrated a commitment to working with diverse populations through research, teaching and mentoring are encouraged to identify their experience in these areas. For best consideration, interested applicants should apply by July 15, 2021; review of applications will begin on July 1, 2021 and will continue on a rolling basis until the position is filled.

Questions about the positions can be directed to the Chair of the Search Committee, Prof. Arnaud Trouvé (email: atrouve@umd.edu).

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment.