The University of Maryland, Baltimore has an opportunity for a Fire Protection Engineer I or II to work in the Department of Environmental Health and Safety. Reporting to the Chief Fire Protection Manager, the selected candidate will be tasked with a variety of responsibilities with regard to fire protection and design as well as the implementation of fire protection programs on campus. This role is required to work in both an office environment and in construction areas. The selected candidate will be ranked based on their education and experience.

The Department of Environmental Health and Safety is charged with developing and implementing programs to enhance safety at the University of Maryland, Baltimore. The department provides consultation and services to research laboratories, clinical areas, facilities, and offices in the areas of chemical, biological, and radioactive materials safety;
occupational safety and industrial hygiene; fire safety; environmental and hazardous waste management; risk management and insurance claims management.

This Exempt, Regular position offers a generous benefits package that includes 22 vacation days, 14 floating and holidays, 15 sick days; comprehensive health insurance and retirement options; and tuition remission for employees and their dependents at any of the University System of Maryland schools.

**Essential Functions**

**Fire Protection Engineer I**

- The Fire Protection Engineer I is responsible for ensuring construction and renovation projects are designed and constructed in accordance with applicable fire protection standards. The position will review the construction drawings, perform fire protection inspections, and consult with design professionals.
- Maintains basic working knowledge of building and fire protection codes and regulations to assure compliance. Helps in surveys of specific facilities which are conducted to determine potential fire hazards. Provides support in the review of less complex documents required for new construction or modification of existing facilities to determine appropriate fire prevention.
- Assists others in implementing fire protection programs and procedures in an attempt to eliminate personnel injury and/or property damage due to fire and explosion. Works with others in the implementation of programs and procedures to ensure employee and facility safety is in accordance with all OSHA, NFPA and ICC requirements.
- Review design documents, construction documents, and submittals for compliance with the applicable fire protection standards, building codes and University standards.
- Design and write specifications for new fire protection systems. Assist in the development of the University Design Standards for design, installation, and testing of fire protection systems.
- Consult with project managers, architects, engineers, construction contractors regarding fire code compliance and acceptable solutions to compliance issues.
- Participates with others in inspecting, testing and maintaining fire protection systems and equipment to ensure that in an emergency they operate and perform to standards. Off-hours work, including nights and weekends, will be
required for certain sensitive fire alarm testing and inspections.
- Identifies issues that require change and correction.
- Assess existing facilities for future renovations.

**Fire Protection Engineer II**

- The Fire Protection Engineer II is responsible to provide advanced review to identify risks and design safeguards that aid in preventing, controlling, and mitigating the effects of fires for construction and renovation projects and ensure they are designed and constructed in accordance with applicable fire protection standards. The position will review the construction drawings, perform fire protection inspections, and consult with design professionals.
- Maintains good working knowledge of building and fire protection codes and regulations to assure compliance. Surveys specific facilities to determine potential fire hazards and recommends corrective action. Reviews modestly complex documents required for new construction or modification of existing facilities to determine appropriate fire prevention. Participates with others in inspecting, testing and maintaining fire protection systems and equipment to ensure that in an emergency they operate and perform to standards.
- Develop and implement fire protection programs and procedures in an attempt to eliminate personnel injury and/or property damage due to fire and explosion. Participates in the implementation of programs and procedures to ensure employee and facility safety is in accordance with all OSHA, NFPA and Life Safety Code requirements.
- Coordinate the investigation of any fire to determine the origin, cause, and what, if any, breakdown in the fire protection plans and procedures may have occurred.
- Review for compliance with the applicable fire protection standards, building codes and University standards. Propose changes to comply with best practices.
- Design and write specifications for new fire protection systems. Assist in the development of the University Design Standards for design, installation, and testing of fire protection systems.
- Reviews modestly complex documents required for new construction or modification of existing facilities to determine appropriate fire prevention.
- Consult with project managers, architects, engineers, construction contractors regarding fire code compliance and acceptable solutions to compliance issues.
- Design inspection programs in order to inspect, test and maintain fire protection systems and equipment to ensure that in an emergency they operate and perform to standards.

*Performs other duties as assigned.*

**Qualifications**

**Fire Protection Engineer I:** Bachelor’s Degree in Fire Protection Engineering or related field. Prior experience in fire protection engineering is Preferred. Engineer in Training (EIT) is Preferred.

**Fire Protection Engineer II:** Bachelor’s degree in fire protection engineering or related field. Three (3) years of experience in fire protection or engineering. Professional Engineering license (PE) preferred.

*Employee is personally responsible for following health and safety guidelines/instructions. Position will require employee to work with hazardous materials or be in areas where radiation producing equipment, radioactive materials, chemicals or infectious agents are present. Employee is required to wear personal protective equipment and a respirator in certain circumstances.*

*Offers of employment may be contingent on applicant obtaining medical clearance by university approved medical staff.*

*Subject to the Trustworthy and Reliability program and requirements for the NRC Trustworthy and Reliability Increased Controls Orders including NRC FBI fingerprint and background check as part of program.*

*Employee will be required to work in both an office environment and in construction areas. Employee must be comfortable climbing ladders. Employee must be comfortable standing and/or walking for extended periods of time.*

**Knowledge, Skills, and Abilities:**
Knowledge of position requirements. Knowledge of all applicable requirements, regulations, and laws. Skill in effective use of applicable technology/systems. Ability to effectively communicate both verbal and written thoughts, ideas, and facts. Ability to work cooperatively
with others and independently.

**Hiring Range:** Commensurate with education and experience

If accommodations are needed for a disability, please contact Human Resource Services at 410-706-2606, Monday – Friday, 8:30am – 4:30pm EST. Maryland Relay can be accessed by dialing 711 (in-state) or 1-800-735-2258.

UMB is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected Veteran status, age, or any other characteristic protected by law or policy.

**Job:** Reg or CII Exempt Staff - E1118E  
**Employee Class:** Exempt Regular  
**Full Time/Part Time:** Full-Time  
**Shift:** Day Job  
**Financial Disclosure:** No  
**Organization:** Environmental Health & Safety  
**Job Posting:** Jan 27, 2020  
**Unposting Date:** Ongoing

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Human Resource Services  
410-706-7171  
620 W. Lexington Street  
3rd Floor  
Baltimore, MD 21201

The University of Maryland, Baltimore is an Equal Opportunity/Affirmative Action Employer.

Minorities, women, protected veterans and individuals with disabilities are encouraged to apply.