2020 Fire Protection and Life Safety Intern ● Multiple Locations

Wiss, Janney, Elstner INTER01649

Apply now

Posted: September 12, 2019

Full-Time

Chicago, IL, USA

+7 more

Job Details

Description
Wiss, Janney, Elstner Associates, Inc. (WJE) is seeking current students for a 2020 Internship with our Fire Protection and Life Safety group at multiple locations across the country.

WJE is a global firm of engineers, architects, and materials scientists committed to helping solve, repair, and avoid problems in the built world since 1956. WJE's Fire Protection and Life Safety group was started in 2014 and is a growing team of industry-leading experts in fire protection principles, life safety, building codes, and evaluation techniques for all types of new and existing structures.

At WJE, we spend almost as much time in the field, up close and personal with our projects, as we do in the office. As a Fire Protection and Life Safety Intern, you will have the opportunity to work side-by-side with industry-leading experts and gain hands-on experience while applying classroom knowledge to real-world challenges.

With twenty-eight offices across the country and some of the most challenging projects in the built world, WJE offers the chance to learn what you love and discover where you want to be.

**Requirements:**

- Current student with excellent academic standing in junior or senior year of a bachelor’s or in a master’s program in fire protection engineering or related field, from an accredited program
- Enthusiasm for solving problems in the built world and curiosity about how things work
- Focused interest in fire protection and life safety objectives and challenges
• Demonstrated leadership skills, integrity, and excellent verbal and written communication skills

Responsibilities:

• Assist project teams with on-site investigations, condition assessments, and inspections which may include surveying, documenting distress, field testing, collecting data and samples, and preparing site visit reports
• Organize field data and assist with research to facilitate analysis, problem solving, and repair design
• Perform analysis of fire protection systems and/or building code issues under the guidance of licensed professionals
• Assist with preparation of client deliverables, including construction documents, specifications, and written reports
• Contribute to in-house technical research projects

Physical Requirements:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. This position requires visual acuity and listening ability. Individuals must have the dexterity to be able to operate office and field equipment such as computer, printer, fax, copier, telephone, voice mail system, and other office and field equipment. Requirements may also include:

• Ability to attend meetings at the various office, field, and construction sites
• Ability to perform inspections of buildings and other structures, both visually and with instruments
• Ability to lift and carry materials and equipment up to 50 lbs.
• Ability to perform work in the temperature extremes presented by work in the outdoors
• Ability to read construction drawings, diagrams, printed materials, and computer screens
• Ability to record data clearly and write passages for reports, letters, etc.
• Ability to travel
• Ability to safely work at heights
• Ability to safely use and/or operate ladders, scaffolds, lifts and other access equipment
• Ability to understand and appreciate safety training specific to numerous workplace and construction hazards
• Ability to safely work in a variety of occupationally hazardous locations
• Medically fit to utilize respiratory protection devices and other forms of Personal Protective Equipment
• Ability to drive and safely operate a motor vehicle
WJE is an Equal Opportunity Employer. We invite all qualified applicants to apply including individuals with disabilities, minorities, women, and protected veterans (VEVRAA federal contractor).

WJE will consider qualified applicants with criminal histories in a manner consistent with the requirements of Fair Chance Ordinances.

Qualifications

Skills

Preferred

Problem Solving
Technical Writing
AutoCAD
Revit
SolidWorks
Finite Element Analysis Software

Behaviors

Preferred

Dedicated: Devoted to a task or purpose with loyalty or integrity
Detail Oriented: Capable of carrying out a given task with all details necessary to get the task done well
Enthusiastic: Shows intense and eager enjoyment and interest
Team Player: Works well as a member of a group

Motivations

Preferred

Goal Completion: Inspired to perform well by the completion of tasks
Self- Starter: Inspired to perform without outside help
Growth Opportunities: Inspired to perform well by the chance to take on more responsibility

Education

Preferred

Bachelors or better in Fire Protection, Engineering or related field.
Experience

Preferred

**Less than 2 years:** Internships and other work experience

Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities

The contractor will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor’s legal duty to furnish information.

http://www.wje.com/