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Summer 2024 Intern - Fire Safety Research Institute

US-MD-Columbia

2 hours ago

Job ID 2024-34119 **# of Openings** 1 **Job Category** Research **Level 2** NFP Research

At UL, we know why we come to work.

Are you passionate about making a positive impact on society through research? UL Research Institutes Fire Safety Research Institute (FSRI) is seeking a motivated and dedicated **Summer 2024 Research Intern** to join our team in our **Columbia, MD** facility.

FSRI is seeking summer internship candidates to undergraduate students in specialties such as fire protection engineering, mechanical engineering, computer science, or materials science. If you like troubleshooting, instrumentation, data analysis, computer modeling, conducting and documenting experiments this is the place to be. Come and help FSRI improve fire safety by adding to the Material and Product database, <https://materials.fsri.org/>, conducting bench scale fire experiments, and assisting with full scale fire experiments. This internship provides a unique opportunity to gain hands-on experience in a non-profit research environment, contribute to meaningful projects, and develop valuable skills in research and analysis.

What you'll learn & achieve:

- Assist in conducting research projects related to FSRI's safety mission and goals. This may involve literature reviews, data collection, data analysis, and synthesizing information from various sources.
- Help collect and organize data using qualitative and quantitative research methods. Analyze data to draw meaningful insights and trends.
- Support in creating reports, presentations, and visualizations summarizing research findings. Prepare materials for internal and external presentations.
- Work closely with the research team and other departments to gather information, share insights, and contribute to a collaborative and innovative research environment.
- Assist in managing and organizing research projects, ensuring they are on schedule and within budget. Take on specific tasks related to project goals.
- Stay current with relevant literature, trends, and developments in the field to contribute valuable insights to ongoing projects.
- Perform administrative duties as needed, including data entry, scheduling, and coordination of meetings.

What makes you a great fit:

- Excellent communication and writing skills.
- Proficiency in data analysis software (e.g., Excel, SPSS, R) and research tools.
- Detail-oriented with strong organizational skills.
- Ability to work independently and as part of a team.
- An eagerness to learn, adapt, and take on new challenges.

Experience and Education Requirements

- Currently enrolled in a bachelor's program in fire protection engineering, mechanical engineering, computer science, or materials science.
- Strong interest in the non-profit sector and research related to safety, social or environmental issues.

What you'll experience working at UL:

- **Mission:** For UL, corporate and social responsibility isn't new. Making the world a safer, more secure and sustainable place has been our business model for the last 129 years and is deeply ingrained in everything we do.
- **People:** Ask any UL employee what they love most about working here, and you'll almost always hear, "the people." Going beyond what is possible is the standard at UL. We're able to deliver the best because we employ the best.
- **Interesting work:** Every day is different for us here as we eagerly anticipate the next innovation that our customers' create. We're inspired to take on the challenge that will transform how people live, work and play.
- **Grow & achieve:** We learn, work and grow together with targeted development, reward and recognition programs as well as our very own UL University that offers extensive training programs for employees at all stages, including a technical training track for applicable roles.

Learn More:

UL Research Institutes is an affiliated nonprofit organization dedicated to advancing safety science research through the discovery and application of scientific knowledge. We conduct rigorous independent research and analyze safety data, convene experts worldwide to address risks, share knowledge through safety education and public outreach initiatives, and develop standards to guide safe commercialization of evolving technologies. We foster communities of safety, from grassroots initiatives for neighborhoods to summits of world leaders. Our organization employs collaborative and scientific approaches with partners and stakeholders to drive innovation and progress toward improving safety, security, and sustainability, ultimately enhancing societal well-being.

Our wholly owned subsidiary, UL Inc., advances our shared public safety mission. We fund our work through grants, the licensing of standards documents and the business activities of UL Inc., which conducts testing, verification and certification, and provides training and advisory services, along with data-driven reporting and decision-making tools for customers around the world.

To learn more, visit our websites [UL.org](https://www.ul.org) and [ULSE.org](https://www.ulse.org).

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