

SENIOR RESEARCHER (FIRE PERFORMANCE)

Position Title:	Senior Researcher (Fire Performance)	Reports To:	Sr. Director, Building Science & Technology Commercialization
Department:	Corporate Innovation Center	# Direct Reports:	0
Location:	Libertyville, IL	# Contractors:	0
Salary Band:	9	Exempt (Y/N):	Y

POSITION SUMMARY

The Building Science & Technology Commercialization group in the Corporate Innovation Center has two distinct objectives: One is to leverage building science, fire, acoustics, and building codes / standards expertise to support USG's sales and marketing efforts. Second is to generate, shape, and drive transformational ideas to commercialization.

As part of the team, the Senior Researcher (Fire Performance) will maintain and enhance USG's leadership in passive fire resistance and reaction to fire. He / She will provide superior service to leading customers on USG's portfolio of fire rated products & assemblies, actively represent USG and gypsum industry's interests in codes and standards organizations, and engage with outside partners to utilize sophisticated fire models to build a scientific basis for current and future systems. He / She will learn these skills from experienced senior staff in the group and with proven performance can progress in their career in the Innovation Center's technical ladder.

This position requires the ability to travel as needed, up to 15% of the time.

KEY ACCOUNTABILITIES AND RESPONSIBILITIES

- Support the highest level of service to external customers (architectural firms and interior contractors) and internal sales & architectural representatives. Develop strong working relations with Underwriters Laboratories and other accredited labs to accelerate approvals on new / modified fire assemblies.
- Utilize sophisticated fire models that incorporate physics of heat transfer to build a scientific basis for modifications to current fire assemblies and to develop improved assemblies.
- In the fire performance arena, represent and advance USG's interests in codes and standards organizations such as ASTM International, Gypsum Association, International Fire Stop Council, and International Code Council (ICC).

JOB REQUIREMENTS

Required Skills

- Passion to learn and grow in the passive fire protection arena.
- Self-starter with good organizational and project management skills; able to quickly analyze and arrive at optimal path forward
- Familiar with construction and US/Canada building practices – through direct/indirect involvement or previous work experience
- Willingness to serve in and eventually lead codes and standards committees
- Strong oral and written communication skills with good presentation skills

Preferred Skills

- Document Organization and Searching, and similar computer skills
- Proficient in Microsoft Office (Word, Excel, Powerpoint)
- Strong building products knowledge

Education

- Master's Degree in Mechanical or Civil Engineering, Fire Science, or similar relevant field. Bachelor's degree will be considered with considerable experience in the fire performance field.

Certification Requirements

- None

Years of Experience

- Minimum 2- 3 years' experience with building codes & standards, regulatory environment, fire testing, etc. Additional experience will be a plus.

Physical Demands and Other Requirements

None