

**TITLE:** Research Scientist  
**COMPANY:** Griffin Analytical Technologies, LLC  
**LOCATION:** West Lafayette, IN  
**SALARY:** Commensurate with experience

Griffin Analytical Technologies, LLC is a high-tech, high-growth chemical detection company focused on identifying chemical warfare agents and explosives as well as environmental monitoring applications. In Griffin's dynamic and entrepreneurial environment, field - portable mass spectrometry technologies are: researched, designed into robust products, manufactured on site in Indiana and sold to customers in the United States and throughout the world. Customers range from the United States Departments of Defense and Homeland Security to mobile environmental monitoring vans in China. Though the core technology of all Griffin's instruments is the Purdue University patented Cylindrical Ion Trap (CIT), each of our products is tailored for particular customer markets.

Griffin wants people to be as innovative as our products so the Research Scientist position allows for in-depth research, discovery and problem solving related to leading edge investigation of novel sample collection, sample introduction, ionization, gas chromatography, mass spectrometry and other technologies supporting instrument and application development constantly pushing Griffin further into the chemical, explosives and bio detection markets. Collaboration is also encouraged and highly valued at Griffin, thus providing many opportunities to work with other functional disciplines, technologies and companies. Our science team members work closely with our engineers and our manufacturing personnel to achieve superior results.

### Critical Job Elements:

- Perform R&D in the chemical, explosives and bio detection areas
- Assist with identifying funding opportunities and generating proposals
- Interface with research collaborators
- Participate in the development and testing of proof-of-concept/prototype equipment
- Carry out evaluations of Griffin hardware and software in the laboratory and in the field
- Develop and test new application methods

### ABOUT ICx

ICx Technologies sells products designed to thwart terrorists, sniff out improvised weapons and intercept agents of mass destruction. Our sensors detect chemical, biological, radiological, nuclear and explosive (CBRNE) materials. We manufacture security radars, infrared cameras and other products that detect, illuminate or neutralize incoming threats. And we sell systems and software that link, supervise and control security products supplied by ICx and other vendors and partners. We provide solutions where traditional technologies are too expensive, cumbersome or unreliable to do the job.

## Qualifications:

- Ph.D. or M.S. degree in Chemistry preferred
  - B.S. with 5+ years experience considered
- Preferred experience:
  - Instrument development
  - Familiarity with chemical analysis methods
  - 2 or more years of applicable experience in mass spectrometer operation and development preferred
  - Familiarity with mechanical and/or electrical engineering desirable
- Strong Microsoft Office (Excel, PowerPoint, etc.) skills required
- Excellent analytical and problem-solving skills
- High energy, proactive orientation
- Ability to effectively communicate and interact with team members and customers
- Comfortable in a dynamic, entrepreneurial atmosphere

Send resume and cover letter to:

**Recruiting Manager**

[jobs@griffinanalytical.com](mailto:jobs@griffinanalytical.com)

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.