

### About Colwell Consulting:

For more than a decade Colwell Consulting has been providing cutting edge scientific solutions to difficult and challenging problems involving thermal sciences, including the cause, origin and propagation of fires and explosions. These services span a wide array of applications including motor vehicles, consumer products, appliances, residential and commercial structures, wildfires, and industrial complexes associated with the chemical, drilling, refining, and mining industries. Clients include Fortune 500 businesses and large defense law firms.

### Responsibilities:

- Perform engineering calculations involving fires, explosions, combustion, thermodynamics, fluid dynamics and heat transfer
- Conduct fire and explosion scene examinations
- Plan and conduct experimental programs, including both bench and full-scale fire and explosion tests
- Prepare reports, project summaries and evaluations of expert opinions
- Perform technical literature reviews
- Manage technical projects

### Skills:

- Ph.D. in Mechanical, Chemical, Aerospace Engineering (or a related field)
- Previous experience conducting experimental programs including developing and identifying appropriate instrumentation, set up of data acquisition equipment, post-processing of data collected

- Outstanding verbal and communication skills

#### Citizenship

- Must be a U.S. citizen or hold a Permanent Residence (Green Card).

#### Compensation and Benefits

- Total compensation includes a base salary, bi-weekly bonuses for high-intensity efforts, an annual bonus, 401(k) employer contribution of 7% of base salary, health, dental and vision benefits and long-term disability insurance. Relocation expenses to Scottsdale, Arizona will be provided.