

“Research is creating new knowledge.” *

***Neil Armstrong**

Advance your career with Energy Research Company!

Our focus is research in industrial energy, emissions technology, and military/security applications.

We offer our engineers an environment that encourages creativity and inventiveness.

Energy Research Company is seeking a creative, energetic, bright, and self-motivated spectroscopy researcher/engineer for a hands-on professional position in the area of applied laser and optical spectroscopy.

Responsibilities:

- Laboratory spectroscopy programs: From experiment design to data collection and analysis
- Field work: Develop prototypes for spectroscopic measurements in the field, install and operate prototypes, and evaluate their performance
- Develop novel and creative spectroscopy concepts
- Conceptualize new ideas and applications and evaluate their feasibility
- Assist in preparing proposals for funding new and existing projects

Qualifications:

- A strong desire to advance the state-of-the-art in applied spectroscopy, both in and outside the laboratory
- Solid and broad educational background. Advanced degree required. Ph.D. a plus.
- Experience developing laser and spectroscopic equipment for use in the field a plus.
- Experience working with laser-based spectroscopy methods such as LIBS (laser-induced breakdown spectroscopy) and Raman spectroscopy a plus.
- Must be proficient in oral and written communication

Applications:

ERCo has R&D projects ranging from industrial applications in the areas of manufacturing and energy to security and military applications involving multiple government agencies and military services. ERCo also sells LIBS systems to industrial end users. Please see www.er-co.com for a partial list of projects.

Location:

ERCo is located in Plainfield, New Jersey, in the greater New York City area and less than 30 miles from Manhattan. Our location is also easily reached by public transportation.

Benefits:

Competitive salary and benefits including health and dental insurance and a 401(k) retirement plan.

Contact

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