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Job Posting Research Scientist I

Company: Wyonics LLC
Location: Laramie, Wyoming, United States
Job Reference: 202210-10
Schedule: Full-Time
Salary Range: ~\$40,000-\$60,000/year, commensurate with qualifications
Posted Date: October 5, 2022
Close Date: Open until filled. *Applications will be reviewed as received.*
Please submit materials by October 19, 2022 for full consideration.

***Wyonics also has 2-3 openings for part-time internships. Two scientific & technical and one business development & marketing, job references # 202210-20 and # 202210-30.*

Who We Are

Wyonics (<http://wyonics.com/>) is a scientific innovation company in Laramie, WY, with the mission to develop and implement sustainable solutions to economic and environmental challenges faced in Wyoming and beyond. We are a scientific start-up company with active grants from the U.S. government and external contributors. Wyonics' technologies span the fields of chemistry, advanced materials, biopolymers, instrumentation, electrochemistry, ionic liquids, biochemistry, and green chemistry with a focus on sustainable development.

Laramie, WY (<https://www.visitlaramie.org/>) is a town of ~30,000 in the Rocky Mountain region and the home of the University of Wyoming. There are many outdoor recreation opportunities and community events year-round, and close proximity to Fort Collins, Denver, Boulder, and Cheyenne.

The Position

Job Description

Wyonics is seeking a highly motivated team member to contribute to a Department of Energy-funded project focused on the design, construction, programming, and validation of analytical instrumentation platforms. The successful candidate will work closely with Wyonics personnel carry out this work and contribute meaningfully to other ongoing efforts. Wyonics is seeking applicants that are excited about developing new technologies to enable a sustainable future and being part of a start-up environment. Applicants with advanced degrees may be considered for more involved work as funding allows

Main Responsibilities

- Perform scientific/technical research and development in a laboratory setting
- Lead construction and evaluation of innovative new scientific instrumentation
- Assist with the design of instrumentation

- Coordinate procurement of instrument components
- Keep accurate and detailed records of experiments, tests, analyses, meetings, etc.
- Effectively communicate scientific progress through written reports and presentations
- Work as a team member and foster a cooperative work environment
- Draws conclusions and make recommendations based on research findings
- Assist in writing detailed reports, proposals, and papers
- Help develop future scope of projects at Wyonics, when applicable
- Assist with other identified duties for Wyonics, as needed

Minimum Qualifications

- B.S. or higher degree in a relevant field, such as chemistry, engineering, or computer science
- Knowledge of basic laboratory equipment
- Able to work safely and effectively in laboratories/technical settings
- Communicates clearly and concisely in written and oral forms
- Able to follow instructions and scientific protocols
- Possesses strong problem-solving skills
- Excellent communication, scientific writing, and presentation skills
- Ability to design, organize, and coordinate outcome-driven research projects
- Ability to develop and construct instrumentation components following provided designs and specifications
- Ability to design and refine instrumentation to perform a specific task
- Ability to write clear manuals/standard operating procedures
- Ability to read and understand scientific literature
- Ability to follow directions and meet deadlines

Desired Qualifications

- 2+ years laboratory or technical experience
- Capable of reading and interpreting manuals for scientific instrumentation and operating instrumentation following said manuals
- Experience with the LabVIEW programming environment
- Experience in the design, organization, and/or coordination of outcome-driven research projects
- Experience developing new approaches for advancing research goals
- Experience working with nanoparticles or nanomaterials in a laboratory environment
- Experience using analytical instrumentation

Submission information

Please submit the following materials and questions to krdibona@wyonics.com

- CV or Resume
- Statement of Interest (< 1 page)
- Contact Information for Three References

Wyonics is an Equal Opportunity Employer.