



LEAD SCIENTIST

RenuMAT (Renewable Upcycling, Materials and Asphalt Technologies) Team

Our team is comprised of creative, highly-skilled innovators who are engaged in research and technology development. This position is for a senior team member who will be involved with chemically upcycling wastes or undervalued feedstocks to produce new sustainable materials for the asphalt industry.

The focus of the Lead Scientist will include:

- Generating new ideas and collaborating with the research team to expand research capabilities
- Investigating new approaches for chemically upcycling wastes or undervalued feedstocks
- Propose creative low-cost chemistries, experimental design and implementation
- Chemical characterization of products through multiple methods, reaction mechanism investigations, and materials balance determination to help guide techno economic analysis and environmental impacts
- Review literature, write reports, assisting in writing proposals, and authoring peer-reviewed publications (when appropriate)
- Organizing and directing project activities and coordinating the efforts of a project team
- Supervising, interpreting and reviewing the applicability and accuracy of data and providing feedback to clients and project staff
- Planning, designing, coordinating, and controlling the progress of project work and communicating the progress to clients and senior management

The ideal candidate will have a PhD in Chemistry, or closely related field, with a strong background in synthetic organic chemistry or polymer chemistry. Experience in petroleum, coal, biomass, green chemistry, thermochemical/chemical conversion (liquefaction or extraction), asphalt or with producing asphalt products (or asphalt formation) is desirable.

Individuals will thrive in this position if they have a passion for innovation and problem solving, a desire to engage in a team-oriented culture, are detail-oriented, and possess strong verbal and written communication skills. Team members who excel in this position will have opportunities for future growth.

Starting Salary Range: \$80,000 to \$85,000 per year

We offer a comprehensive benefit package, including generous paid time off, flexible schedules, and tuition waivers for one free class at the University of Wyoming each semester. Our package includes a retirement plan (with an 8% employer contribution after one year and options to contribute to a supplemental plan), insurance (medical, dental, vision, and life) and an employee assistance program.

Submit resume and cover letter to Michelle Holmes, Human Resources Manager, by email at mholmes1@uwyo.edu. The position is open until filled.

WRI is an Equal Opportunity Employer.