



Research Associate

About us: Alder Renewables is a fast-growing clean fuels startup focused on producing refinery-ready biocrude from sustainable biomass. Backed by leading investors and strategic industry partners, Alder is in an execution-focused scale-up phase, offering employees hands-on exposure to real-world scale-up, fuels testing, pilot-scale operations, and technology commercialization.

Position overview: We are seeking a highly motivated Research Associate to support laboratory testing in our R&D facility. This hands-on role will assist with experimental setup, sample preparation, and data collection to advance our proprietary technology from lab validation toward commercial readiness. The ideal candidate brings a positive, solutions-oriented mindset, strong organizational skills, and the ability to follow detailed experimental procedures in a fast-paced, collaborative environment. This role provides exposure to pilot-scale systems, cross-functional engineering teams, and the scale-up challenges associated with commercial clean fuel deployment.

Key Responsibilities:

- Support laboratory operations involving biomass-derived liquids, fuels, and process intermediates under established safety and quality protocols.
- Assist in data collection through lab experiments and chemical analyses.
- Help manage and maintain research databases and records.
- Conduct literature reviews and gather information from various sources.
- Support the interpretation of data and identification of trends.
- Help draft research reports, summaries, and briefs.

Qualifications:

- Bachelor's degree in a related field such as engineering or chemistry.
- Strong analytical skills.
- Detail-oriented with strong organizational skills.
- Excellent written and verbal communication skills.
- Ability to manage multiple tasks simultaneously.
- Previous laboratory or research experience is strongly preferred.

Application Process: Interested candidates should submit a resume, cover letter, and contact information for two professional references to: hiring@alderrenewables.com

Job Type: Full-time, hourly position for 40 hours per week.

Compensation: Range of \$20 to \$30 per hour, based on qualifications and experience.

Location: Alder Renewables. 1450 Infinite Drive, Ste 115. Louisville, CO 80027