

Process Development Engineers

Boulder, CO, at the foot of the magnificent Rocky Mountains, has become a center for thought leadership and emerging business in the exciting clean technology and sustainability field. With this compelling mission, OPX BIO is using proprietary bioengineering technology to economically convert renewable biomass feedstock into bio-based chemistry and fuel products. We are seeking team-oriented, self motivated engineers to join our product development team, working to reduce long term dependence on petroleum.

Downstream Process Development Engineer

This position will conduct experiments in chemical process research and development, focused on downstream recovery and purification of products from fermentation broth. A related Bachelor's degree plus 8 or more years of chemical and/or biochemical process research and development experience are required, with skill in the efficient development of scalable chemical processes. Processes will include, but are not limited to, techniques for isolation, conversion and purification of fermentation products such as chromatography, extraction, centrifugation, ultrafiltration, crystallization, distillation, purification and catalytic organic chemistry.

Senior Process Development Engineer

As a technical leader in the organization, this position will design, conduct and/or supervise process experiments requiring a high level of engineering skill. An advanced degree with 10 or more years of related experience is preferred, which will be applied to challenging goals such as:

- Providing technical and conceptual design of engineering processes and scale up operations at pilot and demonstration plant scale
- Developing models for unit operations that predict the effect of scale-up and process improvements on performance targets
- Developing cost estimates and performing economic analysis of engineering scenarios
- Collaborating with internal R&D and outside engineering firms in the development of preliminary and basic engineering packages.

OPX BIO is an equal opportunity employer offering a competitive compensation and benefits, including a 401k match and a stock option program.