

**Title / Location**

Process Development Engineer / Modern Meadow / Nutley, NJ

**Company Description:**

Here at Modern Meadow we are harnessing the power of design, biology, and engineering to produce biofabricated leather materials. Applying the latest tools of biotechnology, we are creating a new type of materials company. As we continue to grow we are seeking to hire a process development engineer who can optimize processes and progressively scale the company's processing technology from laboratory to production.

**Responsibilities:**

- Works with cross-functional team to develop, optimize and scale-up of novel biofabrication processes to manufacture ZOATM products
- Familiar with sheet manufacturing processes such as sheet forming, pressing, calendaring, drying, finishing etc
- Ideate and develop new processing solutions for unique challenges involved in biofabricated material production
- Manage the design, fabrication and procurement of any required experimental apparatus to aid in the development of new products
- Assists in implementing capabilities that would enable us to characterize processes better
- Provide process engineering recommendations to research and product development teams during the early research and product development phases to ensure the successful commercialization of new products
- Provide engineering technical leadership for capital projects by providing PFDs, P&IDs and equipment functional specifications for different unit operations involved
- Perform technoeconomic analysis to guide the sponsoring team in making successful business choices for capital projects
- Responsible for producing large size prototype materials to support ongoing product development efforts

**Requirements:**

- Qualified applicants will possess Ph.D (or equivalent industry experience) in chemical engineering or other related discipline
- At least 2 years industry experience in process development and scale-up of material manufacturing processes
- Experience in experimental design/DOE, statistical analysis, and process optimization
- Critical thinker, problem solver, innovator, eager to learn/question
- Ability to work in a fast-paced environment without sacrificing accuracy and quality of work
- Strong commitment to safety and provide safety leadership within the team
- Organized and detail oriented, particularly regarding maintaining records and documentation
- Strong team player and good interpersonal skills

Learn More:

[http://www.modernmeadow.com/job/?gh\\_jid=991789&job](http://www.modernmeadow.com/job/?gh_jid=991789&job)

Or email Ed Boyd, [eboyd@modernmeadow.com](mailto:eboyd@modernmeadow.com)

