



The miracles of science™

Ph.D. Engineers (Entry Level) – Fermentation Engineers

Description:

DuPont Central Research and Development has an immediate opening for Biochemical Engineers with a strong background in fermentation based process research and development. Successful applicants will have excellent communication, project management, and leadership skills as well as strong theoretical knowledge and hands-on experience in one or more areas including metabolic engineering, systems biology, bioreactor design, fermentation optimization, and fermentation scale-up. The position also requires conceptual design and experimental validation of fermentation-based processes within a collaborative and multidisciplinary team of molecular biologists, biochemists, and engineers.

One key component of DuPont Science and Technology is the effort of [Central Research and Development](#) (CR&D), which employs more than 1,000 people at the Experimental Station and other research sites in Northern Delaware. CR&D is the foundation of our science efforts and has been responsible for most of our major product breakthroughs. CR&D provides both leveraged scientific services and long-term research activities to the corporation. Scientists and engineers within CR&D work within multi-disciplinary teams alongside DuPont businesses to develop novel products and processes across a spectrum of applications.

Qualifications:

Specialized Training: Ph.D. Biochemical or Chemical Engineering

- Experience in fermentation process development and knowledge of microbial physiology or metabolic engineering.
- Strong desire to commercialize technology and a results-oriented mentality.
- Excellent project management, planning, prioritization and leadership skills.
- Experience with process equipment and lab to pilot scale processing issues.
- Strong analytical, technical, and computer skills.
- Experience working on or leading multi-disciplinary teams.
- Excellent documentation and communication skills.
- Experience in developing strong team interactions.

How to Apply:

Step 1: Submit resume to: dupont@nc3.com

In the email subject, indicate “name of your school” – “discipline”

Step 2: Apply at http://careers.dupont.com/jobsearch/posting.php?id=PhDCCG_FermEng_13

With expertise spanning two centuries, diverse industries and more than 90 countries, our company is uniquely positioned to help solve some of the world's biggest challenges. For more than 200 years, DuPont has brought world-class science and engineering to the global marketplace through innovative products, materials and services. Our market-driven innovation introduces thousands of new products and patent applications every year, serving markets as diverse as agriculture, nutrition, electronics and communications, safety and protection, home and construction, transportation and apparel. Today, DuPont is proud to build on this heritage by partnering with others to tackle the unprecedented challenges in food, energy and protection now facing our world. With global population expected to approach nine billion by 2050, DuPont is working with customers, governments, NGOs and thought leaders to discover solutions to today's toughest challenges. Together, we believe we can provide enough healthy food for people everywhere, decrease dependence on fossil fuels, and protect people and the environment for generations to come. We look forward to what a third century of science and innovation can do. DuPont is an equal opportunity employer and an E-Verify employer.