Ph.D. University Recruitment 2014

A global chemical company, Arkema is building the future of the chemical industry every day. Deploying a responsible, innovation-based approach, we produce state-of-the-art specialty polymers and chemicals that provide customers with practical solutions to such challenges as climate change, access to drinking water, the future of energy, fossil fuel preservation and the need for lighter materials. With operations in 40 countries, approximately 14,000 employees, 90 production facilities and 10 research centers, Arkema generates annual revenue of approximately $8 billion and holds leadership positions in all its markets with a portfolio of internationally recognized brands. In North America, Arkema Inc., a subsidiary of Arkema is headquartered in King of Prussia, PA. Arkema Inc. employs 2,600 people and operates 28 facilities in the US, Canada, Mexico and Brazil. For more information, visit our website at www.arkema-inc.com

Do you have a passion for innovation? Are you motivated by dynamic and cross-functional team work? Then become a part of our team of scientists in King of Prussia, PA, in Exton, PA or in Cary, NC. Collaborating with Arkema colleagues and technical experts from academia, government agencies, and other industrial organizations around the world, help develop the next generation of technologies that will fuel our growth.

We are recruiting:
Ph.D. Scientists and Engineers with strong expertise in polymer and material science (polymer synthesis, processing, physics, structure-property relationships, chemical and radiation curing, rheology, characterization) colloid science, organic chemistry, reaction engineering, analytical chemistry, and chemical systems modeling.

Responsibilities may include:

Design, synthesis, formulation, and application development of advanced polymers and composites (nanocomposites, alloys, filled and fiber reinforced materials) targeting a wide range of applications including alternative energy (batteries, photovoltaics), electronics and displays, optoelectronics, automotive, coatings, adhesives, building and construction.

Application and development of advanced methodologies for detailed characterization of diverse classes of materials, ranging from small molecules to complex polymer systems.

Product and process development, scale-up from laboratory through pilot to manufacturing scale, and process optimization.

Innovative application development strategies applying broad chemical, engineering, and polymer expertise, in order to efficiently meet market needs.

Discovery of next-generation fluorochemical products and catalytic manufacturing processes, from laboratory to commercial scale, coupling computational and experimental design.

Successful candidates will work in a collaborative interdisciplinary team environment and will apply open innovation techniques to accelerate research and growth.

We offer a competitive salary and comprehensive benefits. EOE M/F/D/V.
For more information, visit our website: www.arkema-inc.com