

## ExxonMobil Research and Engineering Company Polymer/Organic Chemist

ExxonMobil Research and Engineering Company has an immediate opening for a Polymer/Organic Chemist at its Corporate Strategic Research Laboratory located in Annandale, New Jersey.

The selected individual will be responsible for conducting original research in polymer synthesis, functionalization, polymer structure-property relationships and fundamental mechanistic/kinetic studies. The successful candidate will use both synthetic organic and polymer chemistry to advance programs related to alternative energy solutions, sustainable materials or new polymer products and applications. Examples include, but are not limited to, hybrid vehicle battery separator films, enhanced fuel-efficiency lubricants, and lightweight structural automotive components.

Candidates should have the following qualifications:

- . A Ph.D. in Polymer Chemistry, Organic Chemistry, Physical Organic Chemistry or similar field with expertise in polymer synthesis; postdoctoral or equivalent advanced experience is strongly preferred.
- . Demonstrated individual contribution to research in a results-oriented team environment.
- . A strong track record of external publications and presentations and a desire to publish and participate in external technical meetings.
- . Strong communication, organizational, and interpersonal skills.
- . Demonstrated hands-on experience using air and moisture sensitive materials.

Special consideration will be given to candidates who also possess the following attributes:

- . Experience in controlled polymerization techniques
- . Knowledge of post-polymerization functionalization, surface-initiated polymerization, and surface functionalization methodologies.
- . Strong knowledge in structural characterization of molecular and polymer materials by chemical, optical, spectroscopic, thermo-mechanical and other physical techniques.
- . Ability to postulate reaction mechanisms and conduct kinetic studies, with the aid of relevant molecular models and computational tools.

ExxonMobil's Corporate Research Laboratory is a facility of over 200 scientists and engineers involved in fundamental and process-oriented research in diverse scientific disciplines related to ExxonMobil's Upstream, Downstream, Chemicals, and Corporate sectors. The Laboratory features excellent support and analytical facilities, an international staff, and is strongly integrated with the external scientific community. Its location in pastoral western New Jersey provides

excellent public schools and convenient access to New York City and Philadelphia. ExxonMobil offers an excellent working environment and a competitive compensation and benefits package.

Please submit your resume with cover letter to our website at [www.exxonmobil.com/ex](http://www.exxonmobil.com/ex) and apply to Polymer/Organic Chemist.

ExxonMobil is an Equal Opportunity Employer.