Engineer Scientist Lead R&D

Honeywell’s Performance Materials & Technologies Resin & Chemicals group manufactures a wide variety of intermediate products, including the nylon 6 feedstock caprolactam, resins, chemicals and fertilizers. We are looking for a Engineer Scientist Lead to work at our Polymer Center of Excellence in Colonial Heights, VA

The position will have responsibility for applications research and development supporting Honeywell's nylon resins platform. The selected individual for this position will be responsible for:

- Executing effective experimentation involving lab scale preparations, characterization, and evaluations of polymers.
- Elucidating and recommending process conditions and parameters for successful scale-up and manufacturing of new and existing polymer compositions.
- Determine fitness-for-use criteria for specific applications through a combination of empirical, experimental, and modeling methods.
- Reducing application fitness-for-use criteria to fundamental polymer characteristics leading to design, preparations, and assessments of novel polymer compositions & architectures.
- Identify needs and opportunities through discussion with customers, sales, and marketing personnel.

To perform this job successfully, an individual must be able to perform each duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required

**Basic Candidate Qualifications:**
- Ph.D. in Chemistry, Materials or Polymer Science, Chemical Engineering or closely related field from an accredited college or university.
- Experience: min. 7 years of relevant polymer experience, commercializing new products or applications.

**Additional Candidate Qualifications:**
- Experience in identifying customer needs and opportunities through VOC, discussion with sales, and marketing personnel.
- Demonstrated practical knowledge of polymer synthesis, mechanisms in organic chemistry, and laboratory experimentation techniques.
- Effective working knowledge of structure - property relationships and polymer characterizations.
- Broad interests and willingness to take on undefined challenges.
- General working knowledge of engineering plastics, synthesis and processing methods, and applications.
- We are looking for a highly motivated leader, with a bias for action and an innovative mind-set.

To apply, email resume to marti.mccabe@honeywell.com