5-3-16 JOB OPENING

POST-DOC
Lubrizol
Brecksville, OH

Description:

Lubrizol Advanced Materials is an essential ingredient in improving lives. Our innovative products enhance the shampoos, lotions and soaps you use; the medicine you take; the sports apparel and shoes you wear; the detergents that keep your whites whiter and your colors from fading; the medical devices that speed your recovery and enhance your comfort; the specialty coatings that make your wood furniture, floors and cabinets more durable, more beautiful and more sustainable; and the plumbing systems in your home that will never corrode, pit or scale. With such a diverse portfolio, Lubrizol Advanced Materials offers unparalleled career growth opportunities for top-talent.

We currently have the follow opportunity for a Postdoctoral Scientist supporting the Advanced Materials’ Performance Coatings business available. This position is for one year at our Brecksville, Ohio facility (a southern suburb of Cleveland).

Duties:

• Synthesis and study of polymers, additives, and system solutions for water-borne coatings.
• Interface with other groups within the organization to characterize the materials and quantify performance.
• Search literature in the area of water-soluble and water-borne polymers and additives used in metal coatings. Expected outcome is an understanding of the IP landscape and opportunities in the specific markets of interest to Lubrizol.
• Develop a fundamental understanding of the relationship(s) between polymer and additive structure and the resulting properties.
• Fundamental research to identify and develop polymers to promote desired mechanical properties in coatings beyond the current state of the art within The Lubrizol Corporation.
• Give regular progress updates via written reports and presentations.
• Help maintain an orderly and safe laboratory operation.
• Actively participate in safety meetings and orientations.

Requirements:

• PhD in polymer engineering or science, organic chemistry (with polymer experience), material science, or related field from an accredited college or university.
• Strong verbal and written communication skills.
• Ability and willingness to work well in a team environment.
• Proficiency in Microsoft Office (Word, Excel, PowerPoint) and ability to learn operating software for additional applications necessary to the completion of the job.
• Preferred: Strong research background in polymer synthesis and characterization.
• Preferred: Strong research background in emulsion and dispersion polymerization.
• Preferred: Experience in corrosion science and organic/polymer materials used in metal coating.

Contact:

Apply online at https://jobs.lubrizol.com/
Req ID 17261