

Senior Synthetic Polymer Chemist

Job Type: Full Time

About Konarka:

Konarka Technologies is a renewable energy spin off from University Massachusetts, Lowell that is working towards commercializing a flexible, lightweight, printable, inexpensive solar technology that is much more versatile in application than traditional silicon-based solar cells.

Anywhere there is light, power plastic makes it possible for devices, systems and structures to have their own low-cost embedded sources of renewable power. By combining energy generation and power consumption within the same device, Konarka enables manufacturers to create a World Without Wires™ with truly wireless applications.

Konarka is looking for a PhD synthetic polymer chemist (Post-doctoral experience preferred) for a full time hands-on position in the synthesis of complex novel polymers for polymer photovoltaic research.

The preferred candidate should have:

- Broad knowledge and experience in executing multi-step synthetic organic and polymer chemistry including air sensitive processes.
- Familiarity and hands-on experience with modern characterization and separations techniques and literature searching.
- The individual will work primarily in the laboratory. The candidate should possess sufficient technical expertise to solve complex chemical problems independently with minimal supervision.
- Ability to manage multiple projects simultaneously.
- Devise and execute synthetic routes to agreed target compounds.
- Understand structure-property relationships in conjugated polymers.
- Contribute to the company's IP portfolio.
- Experience in device physics, opto-electronic materials, and photovoltaics is a plus.
- Present progress at chemistry group and project team meetings.
- Have excellent written and oral communication skills.
- Carry out all work in safe and environmentally conscious manner.
- Ability to interact closely with other team members.

This position will report to the Director of Materials and Organic Chemistry.

Salary is commensurate with experience. Good benefits package. Konarka will only accept applicants who are already eligible to work in the United States.

Contact:

Please indicate job title in subject line of your email. Email, fax or mail cover letter and resume. No phone calls please.

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