

GE Global Research

Materials Scientist

Niskayuna, NY

As a member of the Functional & Structural Composites Lab, you will be responsible for research and development in support of a broad range of current and next-generation GE products, including new composite materials for aviation and energy applications, high temperature resin & fiber systems, and functional modifications of resin, fiber & filler components.

RESPONSIBILITIES:

Working independently and as part of a multi-disciplinary team, you will:

- Conduct basic and applied research towards the development of novel composite systems.
- Identify key technical issues and focus resources to produce cutting edge technical breakthroughs.
- Develop processes for transitioning new technologies from the laboratory to pilot scale fabrication.
- Identify technology trends and develop technical roadmaps to address them.
- Build internal and external relationships across a wide variety of technical expertise and business insight.
- Prepare patent disclosures and work with legal counsel to prepare patent applications.
- Investigate and identify external opportunities for funding and collaboration. Prepare research proposals for external funding.
- Deliver effective presentations, reports, and publications to Global Research leadership, the GE businesses, government agencies, professional societies, and peer-reviewed journals.

BASIC QUALIFICATIONS:

- Doctorate in Chemistry or Materials Science or a closely related discipline.
- Demonstrated project execution.
- Proven record of innovation in areas related to composite materials technology.
- Demonstrated working knowledge of composite materials – structure – property relationships.
- Must be eligible to receive an export control license to work on subject controlled technologies.
- Must be willing to work out of an office located in Niskayuna, NY.
- Must be willing to take a drug test and submit to a background investigation as part of the selection process.
- Must be 18 years or older.

You must submit your application for employment against job number 1429795 on the Careers page at www.ge.com/research to be considered for this position.

This position will be accessible on the GE Careers website beginning Monday, September 12. Please be sure to clearly indicate your current University when submitting your resume for consideration.



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