



CapeSym, Inc.

6 Huron Drive
Natick, MA 01760
T: 508-653-7100
F: 508-653-7155
HR@capesim.com

Crystal Growth Scientist/Engineer

CapeSym, Inc. is a successful research company devoted to the development of new radiation sensor and systems technologies for commercial, medical and government use. CapeSym is in pre-commercialization stages of a number of detector materials, and is conducting R&D for development of other novel materials.

To support our expanding semiconductor and scintillator crystal growth efforts CapeSym is seeking a Crystal Growth Scientist/Engineer. We are interested in candidates in early- and mid-stages of their career. The candidate will be involved with crystal growth, processing and characterization of advanced semiconductor and scintillator materials and devices.

Responsibilities:

- Synthesize and purify high purity starting materials
- Prepare and grow semiconductor and rare earth halide single crystals
- Fabricate test devices and characterize their properties
- Deliver presentations and write reports, on research results
- Write research proposals and generate new contracts

Qualifications:

- Experience in bulk crystal growth techniques
- BS, MS or Ph.D in Material Science, Chemistry, or Physics
- Hands-on experience in equipment building and trouble shooting
- Creativity and attention to detail, capable of juggling multiple projects.
- Excellent written and oral communication skills
- Experience in writing successful proposals and securing research grants