

Job title	<i>Research Scientist</i>
Field	<i>Scientific Instrumentation, Analytical Instruments, X-Ray Fluorescence, X-Ray Imaging, Medical Imaging, Physics,</i>

Job purpose

To plan and carry out experiments and investigations in a range of areas to develop innovative and advanced scientific instruments and devices. Proposal writing is also highly sought after to create new projects and technologies. This position is for creative individuals who have the intellect, desire, and capacity to create and release novel technologies into the world.

Duties and responsibilities

- Development of Scientific Instruments and Devices
- Design of Experiments
- Reporting of Data
- Management of Research Projects
- Writing and Submission of Proposals
- Searching, Reviewing, Evaluating, and Writing of Patents
-

Qualifications

Preferred:

- Completion of the PhD program in a field of science including but not limited to Electrical Engineering, Physics, Materials Science, Analytical Sciences and Environmental Sciences.
- Special Knowledge in the fields of material science and x-ray physics
- Use of related software such as LabView, COMSOL, finite element analysis simulators, particle simulators, computational fluid dynamics
- Hands on Experience building circuits, assembling hardwares, design of scientific apparatuses
- Diligence in Scientific Endeavor, Commitment to meeting deadlines
- Excellent Communication and Team Building Skills
- Excellent scientific reading and writing Skills

Working conditions

Working in an SBIR environment, the Scientist will work within teams in a hands-on environment to meet the project requirements.

Physical requirements

Moving and arranging scientific equipment into place to conduct experiments. Typing project reports and performing extensive data analysis.

Direct reports

Report to the President of the Company.