Lead Project Scientist Position

2K Corporation has an opening for a Lead Project Scientist, with a starting salary range between $55,000.00 to $80,000.00 per year depending on the candidates level of experience. This salary will be supplemented with 2K Corporation’s benefit package which includes health insurance, dental insurance and a retirement program.

2K Corporation is a start up company specializing in elemental analysis techniques based on neutron excitation of materials and detection and analysis of the gamma ray return signals. The company founders are Dr. Yeong Kim and Dr. David Koltick. 2K Corporation serves as a link between the latest research and research laboratories at major research institutions and national laboratories, and product development or process development for industrial process or the manufacturing of highly technical products. It is unlikely that most small, medium or even large companies will be familiar with the latest research efforts in the development of a new product or have laboratory equipment or have the laboratory personnel to check the validity of the latest research, test if the latest research results truly can be applied to their envisioned new product and it is highly unlikely that the company would want to take the risk on a new technology and the large investment that is required without first-level optimization in a laboratory setting. 2K Corporation provides this essential link between the researcher, the latest research, and the latest laboratory equipment and knowledgeable personnel and a company attempting to commercialize cutting edge technology.

2K Corporation’s motto is to produce “Solutions Based on Fundamental Physics”.

For the successful candidate initial responsibilities in the company are to be 2K’s Lead Project Scientist on the project “Commercialization of a Neutron Based Explosives Detection Device (Car Bomb Detection)” a project funded by INDIANA 21ST CENTURY RESEARCH AND TECHNOLOGY FUND. This project is a partnership with Raytheon Corporation and Purdue University’s Applied Physics Laboratory.

The successful candidate will have a scientific background at the Ph.D. level with a deep knowledge of experimental particle physics or nuclear physics or similar experience and an understanding of radiation transducers and detection techniques. The project will require the use of neutron transport codes, the analysis of gamma ray spectra and the production of threat analysis/decision software. The Lead Project Scientist will work as a leading member of the project team.
2K Corporation has other projects now under review which include:

- “Commercialization of Technology to Rapidly and Remotely Measure and Identify Radiation in Drinking Water or other Water Systems” which partners with Clarion Systems and SHOT (Space Hardware Optimization Technology, Inc.) and Purdue University’s Applied Physics Laboratory.

- “Commercialization of a Neutron-Induced Elemental Spectrometry for Use in Measuring Concrete Quality” which includes the companies, Hartford Concrete Products, Inc., Berns Construction Co. and Purdue University’s Applied Physics Laboratory and Purdue University’s Civil Engineering Department.

The start date at 2K Corporation of this position is immediate. United States Citizenship is required.

If you should have questions about this position or about 2K Corporation in general, please feel free to contact me by phone at 317-752-2785 or by e-mail at copeland@2kcorporation.com.

Aaron Copeland
Business Manager