

Senior Research Scientist, Freedom Meditech, Inc., Cleveland, OH

Job Number: 16713
Position: Senior Research Scientist
Organization: Freedom Meditech, Inc. (Corporate Offices – San Diego, CA)
Location: Cleveland, OH
Deadline: 10/31/09

Description:

This is a senior level position in the Research & Development Division of Freedom Meditech, Inc. in Ohio. General duties of this position include implementation of various R&D activities related to core Freedom Meditech technologies including our proprietary noninvasive glucose sensing and diabetes screening platforms (both ophthalmic) which are in the process of being commercialized. These are two separate intended commercial products based on two separate and distinct technology platforms and intellectual property. A specific focus of the position will include taking the lead on the ongoing animal studies (Toledo, OH) related to the development of our polarimetric-based noninvasive glucose sensor. Duties related to this aspect include coordination and scheduling of the animal studies, protocol oversight, experimental planning, pre-system calibration prior to each experiment, conducting the animal investigation, system sterilization and storage, and related data processing/analysis. Other core duties will include grant writing to external agencies, re-engineering activities associated with technology commercialization, and managing ongoing collaborations with various contract research organizations from the company's Cleveland, Ohio offices.

Qualifications:

The candidate should have a M.S. or Ph.D. degree in Biomedical Engineering, Electrical Engineering, Physics or related discipline with experience in the design of optical systems. Specific experience in optical polarimetry and animal research is preferential. The candidate should also have good oral and written communication skills and past experience in writing proposals to federal agencies is considered a plus. Experience with software packages, such as, MATLAB, LabVIEW, Solidworks, TracePro, and FRED, is also preferential.

Contact:

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Applicants should apply by sending a cover letter, resume, and the names of three references via email. Regional candidates (Ohio, Michigan) will be considered a plus.