

## **System Integration Engineer Requisition (2015-0114)**

### **JOB SUMMARY:**

ACEA Biosciences, Inc. is looking for a System Integration Engineer with strong experience in development and engineering support for bioanalytical instrumentation. The candidate will work with a multi-disciplinary engineering and assay development team for analytical instrument research and development including system integration, system verification and validation, and manufacturing procedure development. The candidate will also be responsible for engineering and technical training and support during and after the product launch.

### **DUTIES AND RESPONSIBILITIES:**

- Contribute to design and development of various sub-systems, including optics, electronics, mechanics, and fluidics
- Participate in test and optimization on system and sub-system level
- Participate in system integration including constructing prototype and serial instruments, verification of sub-systems, validation of the system functionalities and performance
- Participate in SOP development for manufacturing and QC testing of the systems
- Engineering and technical support during product launch, including preparation of user manuals, service manuals, installation guide, trouble-shooting guide, and field service engineer training materials. Conduct engineering and technical trainings for field service engineers and field application scientists.
- Engineering and technical support after product launch, including working with R&D to develop field service tools, supporting field service engineers for system trouble-shooting activities in the field, supporting field application scientists for data interpretation and trouble shooting, supporting certain marketing and sales activities by preparing and providing R&D related data and results, supporting the activities associated with product post-launch changes
- Bridge R&D with marketing team, customer support team, and quality control team to make product development improvement and provide engineering support
- Independently solve technical problems by applying analytical/scientific principles
- Work with external vendors at various stages of product development
- Collect, record, report, interpret and analyze data
- Participate in sustaining engineering efforts following the product launch
- Conduct other duties and other R&D activities or company projects as assigned

### **Qualifications**

- An M.S or Ph.D. in Engineering or Biomedical Engineering with a minimum 3 years of product development experience
- Experience working in a multi-disciplinary environment and make contributions to the success of the product development
- Demonstrated ability to organize and conduct system-validation experiments and studies in support of project goals and timelines
- Good analytical and problem solving skills
- Excellent written and oral communication skills and interpersonal skill
- Highly motivated and flexible, goal-driven, and capable of dealing with changing program priorities and accelerated timelines
- Quick learner in grasping new concepts and theories
- Bilingual of speaking English and Chinese is a plus

ACEA offers a professional, friendly, and supportive environment with great benefits. Please send resume and cover letter referencing code (2015-0114) to: [jobs@aceabio.com](mailto:jobs@aceabio.com).