Job Title: Scientific Software Engineer
Department: Scientific Computing
Hiring Manager: Marie-Aude Guie

Education/Experience:
M.S. or commensurate experience in scientific software engineering.
5+ years relevant experience in Biotech/Pharma industry or academic informatics.

Job Description:
The Informatics Software Developer will report to the Group Leader of Scientific Computing, Scientific Software & Databases. The candidate will be asked to work independently to build software systems required to support X-Chem's platform. This role will be responsible for the full system development life cycle. This will include requirements gathering, design, planning, software development, testing, enhancement, and maintenance of a variety of software functionalities. These projects may also include database design/programming, integration of purchased software, etc. The role will require becoming an expert user/analyst of existing and new software systems with the ability to train scientific staff. The Scientific Computing, Scientific Software & Databases group promotes a dynamic, engaging and empowering work environment to match X-Chem's core values and would look to this role to bring a fresh perspective to the team with the goal of enhancing user experience.

Candidate Qualities:
The successful candidate will be a self-starter with the ability to work independently and drive a project from conception through deployment and production. The candidate must show effective direct communication with scientific staff and general staff at all levels. The candidate must be able to work in a fast paced environment while maintaining the high level of quality in delivered products. The candidate must be able to maintain confidentiality as required by partner contracts. The candidate will be able to demonstrate creative problem-solving abilities and adaptability to new problems, technologies, and system requirements.

Required Skills/ Background:
- C#
- .NET 4.5 or higher (desktop application development preferred, web development a plus)
  C++ and Java programmers will be considered
- WinForms, WCF, WPF, VSTO
- Experience with user driven custom application development
- Proven ability to gather requirements
- Experience in a small team environment
- Strong capabilities in use of Excel, Excel programming desirable
- Experience with scientific software implementation

Desired Skills/ Background:
- Experience with TFS administration a plus
- Experience with Oracle, SQL, PL/SQL a plus
- Experience with alliance/project management or dashboards a plus
- Experience in the biotech (chemistry and biology) industry a plus
- Experience with Design Models a plus