Engineering & Technology PhD Internship – Chemical Engineering

Elsevier is the world's leading provider of scientific, technical and medical (STM) information, tools and resources. A global company based in Amsterdam, Elsevier partners with scientists, researchers, healthcare providers, educators and decision-makers in academic institutions, governments and corporations to help them make better decisions, deliver better care, and make groundbreaking discoveries in science, health, and technology.

We are currently seeking an energetic, highly motivated, full-time intern enrolled in a graduate or post-graduate program in biomedical science, engineering, computer science, informatics or related field. At Elsevier, you will work in an open and truly global, dynamic and challenging environment, witness and actively contribute to the development of valuable scientific, technical and medical (STM) solutions, develop and refine communication skills with cross-functional teams, gain business acumen, and delve into the exciting and highly-marketable world of materials innovation. Apply your academic research skills in the workplace!

About the Internship

The Corporate R&D Solutions division at Elsevier has an exciting internship opportunity available to support engineering & technology materials solutions. Several internship projects are available depending on the experience/skills and interests of the successful candidate:

- Systematic Market Research and Product Management Projects
    - Develop detailed requirements for predicting chemical mixture properties, polymer based formulations that are foundational in driving materials innovations in key segments of the chemical industry.
    - Evaluate current tools in the market and identify key pain-points and develop innovative ideas for how to solve those pain-points.
    - Drive product lifecycle and go-to-market planning activities including ideation, requirements gathering, market research, go-to-market planning, by engaging with stakeholders and teams
- Software Development and Support Projects
    - Develop paper, clickable, and/or concept prototypes around new features, functions, and/or future solution vision/direction, for substantiation with market research
    - Improve technical support materials, including development/refinement of use-case based help and video tutorials, user guides, and technical documentation, etc.

Through individual and team project-based work, the intern will be responsible for driving whichever project selected forward towards completion and final deliverables. The intern will be given the opportunity to participate in, observe, and learn about many aspects of business, management, marketing, and interdepartmental collaboration while being introduced to the business of product management, product marketing, and software development. The successful intern will also gain experience and knowledge about working in a corporate

environment and Elsevier as an organization. At the end of the internship, the intern should have a better working knowledge of product lifecycle management and development, and a better understanding of analytics, industry pain-points, and current industry challenges with materials innovation. The program will culminate with a capstone presentation review highlighting the full scope of work completed.

No permanent position is guaranteed at the end of the internship, although the successful candidate will be encouraged to apply for available positions following completion of their graduate or post-graduate program. Experience obtained can be applied to multiple other career contexts. This paid full-time internship will be 20 weeks, beginning July 6th, and will consist of 40 hour work week schedules. Core hours are between Monday and Friday between 9am and 5 pm. The intern will work with fellow employees, learning from one another throughout the 20 week period. A successful intern will finish the internship with a portfolio of work that will help build a strong resume in the industry.

Required/Preferred Qualifications, Skills and Experience

The ideal candidate for the internship will have several of the following qualifications, skills and experience. Candidates do not need to have all of these to be considered a strong applicant.

Education	**Required:** Bachelor's or Master's degree **Preferred:** B.S. or M.S. in Chemical Engineering
Knowledge/Skills	• Knowledge of chemical substances and related properties; polymer materials and properties • Interest in product management, product marketing, scientific software development, and/or technical writing • Collaborative, team player who works well in a team and across departments • Excellent communication skills to understand and present marketing ideas, and effectively communicate with internal/external clients • A working understanding of how to conduct effective market research a plus • Strong organizational and time management skills with the ability to manage multiple projects at the same time. • Project management experience a plus. • Proficiency with Microsoft Office (Word, Powerpoint, Excel) • Proficiency with video editing tools a plus • Coding, software scripting language fluency, web development skills a plus e.g. Java, Python, SQL, HTML/CSS, JS, jQuery, etc.

An ideal candidate will be independently driven, be able to leverage their scientific expertise and think critically, and have excellent time management skills. The ideal candidate should also possess good communication skills, a quality-focus, detail-oriented eye, display integrity, and possess the ability to juggle and deliver on tasks and deadlines.

Internship Details

- Internship will be at Elsevier's office at 240 W 37th St New York, NY or 50 Hampshire Street, Cambridge, MA.
- Internship will be July-December, 2016.
- Internship is paid, full-time opportunity (40 hours per week).
- Internship will be paid at USD 3000 a month. No housing or relocation assistance will be provided.
- Hours may vary, but the expectation is that the intern will be available for 8 hours per day, 5 days per week.
- U.S. Citizenship or Permanent Residence required

Application Deadline: June 10, 2016