



Chemistry and Chemical Engineering Librarian

Liaison, Instruction and Reference Services

Librarian II/III

The MIT Libraries seek an enthusiastic and enterprising professional to serve as liaison to MIT's Chemistry and Chemical Engineering departments, supporting evolving practices in research and teaching across chemistry, chemical engineering and related disciplines. The Chemistry and Chemical Engineering librarian will help define new approaches to liaison librarianship, develop creative outreach practices, engage with new pedagogies, and support digital scholarship across interdisciplinary communities making groundbreaking advances in biological, inorganic, organic and materials chemistry; nanoscience; organometallic and physical chemistry. The position also supports Chemical Engineering across a broad range of areas including catalysis, materials, transport, energy and biotechnology.

As a liaison, the Chemistry and Chemical Engineering (CCE) Librarian will:

- Design learning experiences and provide innovative instruction to enhance research practice, support information and data management, and address issues of the global, digitally-networked information ecosystem.
- Offer expert research support throughout the entire research cycle from discovery to management of information and data to the development, dissemination, and stewardship of research products.
- Develop a program of outreach, drawing upon the full range of MIT Libraries' services, to facilitate the success of varied research endeavors including local and global collaborations, interdisciplinary teams, industry or grand challenges competitions, online learning projects, and original undergraduate and graduate student research.
- Use institutional knowledge to facilitate collaborative learning communities and foster scholarly communities of practice through innovative service design and technologies.
- Partner with Collections Strategists and other staff to develop collections and content in relevant disciplines, and contribute to library collection strategies that expand access to research through Open Access and creative deployment of digital collections.
- Engage professionally through activities that enhance skills, advance knowledge, contribute to collaborative projects or otherwise strengthen the educational and social impact of academic librarianship.

Leveraging knowledge of their constituents' priorities, and using systematic outreach practices, the CCE Librarian gathers and analyzes information that is vital to the success of MIT Libraries' strategic initiatives and innovative service design. The successful candidate will bring essential expertise, experience, and leadership skills for advancing the partnerships and collaborations needed in the MIT Libraries' fulfillment of the Future of Libraries Task Force Report recommendations.

The CCE Librarian reports to the Department Head for Liaison, Instruction & Reference Services. They work collaboratively with science and engineering colleagues to provide evolving services, and with humanities, management and social science colleagues to support interdisciplinary research. The CCE librarian supports the quality and impact of library services by leading or participating in department and system-wide initiatives, serving on teams and task forces, and through leadership or service coordination roles.

Required Qualifications include MLS/MLIS **or** an advanced degree in chemistry or related fields; minimum of 3 years relevant experience including solid experience in research support for chemistry and chemical engineering, teaching, and working with communities of practice in science or engineering; and some combination of:

- Familiarity with or capacity to learn about and support interdisciplinary needs of scientists and engineers.
- Ability to successfully engage with MIT's teaching and learning environment, developing and maintaining outreach practices and relationships that support initiatives, student research, and innovative teaching practices.
- Evidence of potential to contribute to the development of new organizational structures or models, and design and implement new services to support emerging practices in teaching and research.
- Experience with a range of current trends in teaching such as experiential or problem-based learning.
- Familiarity with trends in science and engineering such as interdisciplinary and global collaborations, translating research into practice, Open Science, Open Access, Open Data, and digital scholarship.
- Experience with practices and tools that support effective collaboration such as project management, communicating with stakeholders, leading or launching teams.
- Skills in working independently, taking initiative, and managing competing priorities.
- Excellent skills for sharing information effectively in multiple contexts and employing appropriate communication technologies.

Preferred Qualifications:

- MSLIS **and** an advanced degree in chemistry, chemical engineering or related field.
- A deep understanding of the data, literature and information sources used in multiple science or engineering fields.
- Experience in collection and content development to support scholarship and teaching and to enhance global access to research data and results.
- Familiarity and experience working with data.
- Knowledge of scholarly communication practices in engineering and science.
- Experience with gathering and employing business intelligence to make decisions.

Salary and Benefits: \$60,000 minimum. Actual appointment level and salary will depend on qualifications and experience. MIT offers excellent benefits including a choice of health and retirement plans, a dental plan, tuition assistance, and fully subsidized MBTA passes for local bus and subway service. Flexible work arrangements, including flextime and telecommuting, are considered for positions that meet established criteria. The MIT Libraries afford a flexible and collegial working environment and foster professional growth of staff with management training and travel funding for professional meetings.

Apply online at: <http://careers.mit.edu/>; applications must include cover letter and resume. Priority will be given to applications received by June 4, 2018; position open until filled. MIT is strongly and actively committed to diversity within its community and particularly encourages applications from qualified women and minority candidates. Professionals who enthusiastically embrace the empathy, courage, self-reflection and respect of a multi-cultural, diverse and inclusive workplace, and who strive to incorporate those values in their work and interactions are encouraged to apply.