

QUEEN'S UNIVERSITY LIBRARY POSITION GUIDE

Position Title: Engineering & Science Librarian

Date: June 22, 2021

Term: 2 years

Description

Reporting to the Head Engineering & Science Librarian and working as part of an interdisciplinary team in a collegial environment, the Engineering & Science Librarian provides effective, user-centered reference services in STEM disciplines. (Science, Technology, Engineering & Mathematics); liaises with faculty, staff and students in assigned STEM subject areas and programs; develops, delivers and evaluates curriculum-integrated information literacy programs and general instruction programs; creates reference, instruction and promotional materials, including web pages, online tutorials and guides; participates in collection development in assigned subject areas and programs; supports the Library in aligning our work with the University's anti-racism, diversity and inclusion priorities, and Truth and Reconciliation efforts. The Librarian consults and collaborates with other staff across the Library system and shares a commitment to professional user services and the achievement of the Library's goals and objectives.

Assigned subject areas will include departments in both the Faculty of Engineering & Applied Science and the Faculty of Arts & Science. The Engineering & Science Librarian plays a key role in supporting the development and delivery of online and blended programs especially in faculty-wide courses. This position will also support faculty, graduate and undergraduate students in cross-disciplinary areas of the Engineering curriculum, starting with incoming students in the core programs, general first year and continuing courses in the "design spines" of all programs throughout the Engineering curriculum.

Responsibilities and Duties:

Works as a member of the Engineering & Science team to provide effective, user-centred reference services.

Creates reference, instructional and promotional materials, including web pages, online tutorials and guides in assigned subject areas and for general instruction programs.

Develops, delivers and evaluates curriculum-integrated information literacy programs and general instruction programs in consultation with faculty and students and in collaboration with other librarians.

Participates in the on-going development of print and electronic collections in assigned subject areas, including electronic resource evaluation, monograph selection, and deselection, and works to build library collections in interdisciplinary areas while supporting initiatives in open access, open science and open data.

Liaises with faculty, staff and students in assigned subject areas, providing information and soliciting feedback on library resources and services.

Cultivates partnerships and seeks opportunities to collaborate and establish productive relationships with departmental faculty and staff and pursues partnerships with other on-campus organizations and groups.

Participates actively in collegial discussions and decision-making within the library department to support a cohesive and highly motivated team who share a commitment to high-quality user services and the achievement of the department's goals and objectives.

Contributes to a culture in the Library where diversity, equity and inclusion are valued and recognized. Contributes to open and welcoming spaces, collections and experiences for faculty, staff, students and visitors.

Works to further the achievement of library department objectives; understands and communicates the department's role in the context of Library-wide goals and priorities.

Maintains awareness of current developments in STEM librarianship, particularly in areas of expertise and responsibility; actively identifies best practices; and embraces self-directed learning as a method of professional development.

Participates in professional meetings, seminars, workshops and conferences, and reports on new developments and trends in STEM librarianship.

Participates on committees, working groups and project teams to contribute to the development of Library and University strategic initiatives and projects.

Participates in academic and/or professional development, and service to the university, profession or community.

Undertakes, or assists, with special projects or other temporary assignments as required.

Qualifications

Required:

- An ALA-accredited M.L.S./M.L.I.S. degree or equivalent degree.
- Knowledge and experience with key STEM databases and resources.
- Knowledge of information literacy frameworks and standards including best practices in instruction and assessment.
- Experience with web technologies and/or content management systems (e.g. LibGuides).
- Demonstrated ability to work well in both team-based and self-directed environments and a strong service commitment to developing responsive and enduring relationships with users and colleagues.
- Strong problem-solving and organizational skills, including experience implementing educational technology-related projects.
- Creativity, drive and flexibility, so as to discover and try new approaches, in support of Library and University strategic directions. Ability to balance priorities and adapt in a changing work environment.
- Excellent oral and written communication skills.
- Demonstrated commitment to diversity, equity, and inclusion and/or experience serving diverse populations of users.

Preferred:

- Undergraduate degree or related library experience in a STEM discipline.
- A minimum of 2 years relevant experience in academic libraries.
- Expertise in developing online courses and best practices in online learning.
- Experience in the creation and deployment of learning objects including videos, interactive tutorials, leveraging a variety of tools and platforms for content creation and delivery.
- Experience with institutional, data, or subject repository systems.
- Knowledge of current online learning platforms and applications such as Brightspace; comfort exploring and learning new and emerging educational technologies.
- Experience in collection development, including electronic resource evaluation, monograph selection, and deselection.
- Experience authoring web content using LibGuides, Articulate, Camtasia or other similar tools.
- Knowledge of emerging areas in STEM librarianship such as: 3D Printing services, Information Visualization, and Research Data Management Services.