



Title: Science and Engineering Librarian

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Work Location: Amherst, Massachusetts,

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### **Description**

UMass Amherst, the flagship campus of the University of Massachusetts system, sits on nearly 1,450 acres in the scenic Pioneer Valley of western Massachusetts, 90 miles from Boston and 175 miles from New York City. The campus provides a rich cultural environment in a rural setting close to major urban centers.

### **Science and Engineering Librarian**

#### **Librarian I or II**

#### **University of Massachusetts Amherst**

As a gateway to knowledge, the [UMass Amherst Libraries](#) are key partners in teaching, learning, and research at UMass Amherst and in the Commonwealth of Massachusetts. Supporting freedom of inquiry, the Libraries foster a diverse and inclusive environment in which to engage with ideas and acquire the critical skills necessary for lifelong learning.

The [UMass Amherst Libraries](#) seek a dynamic and innovative Science and Engineering Librarian. The Science and Engineering Librarian will serve as the Libraries' subject specialist in assigned science and engineering departments. Actively support the teaching and research endeavors of the University, especially with assigned constituencies, by providing research, instructional, and consultation services. Teach library research sessions in areas congruent to expertise and collection responsibility. Create research guides and other learning objects. Select materials in all formats for assigned subject areas. Interpret and analyze information needs of students, faculty, and staff and recommend changes to service based on analyses. Collaborate with counterparts in the social sciences and humanities to ensure a consistent approach to instruction, learning and research, and outreach.

#### **Example of Duties:**

##### **Outreach**

- Work to establish and maintain synergistic relationships with assigned academic departments and programs.
- Communicate regularly with faculty, staff, and students in assigned academic departments and programs.

### **Teaching and Learning**

- Work with faculty to create timely, targeted, and curriculum-integrated library instruction and support.
- Create research guides, web pages, and learning objects as appropriate.
- Provide instruction and workshops to cultivate students' research and metaliteracy skills.
- Participate in designing and teaching instructional sessions for various audiences, including course-related information literacy sessions, workshops for undergraduate and graduate students, and/or credit classes in a classroom or web-based environment.

### **Research and Client Services**

- Cultivate new models of research assistance. Assist users in researching topics and teach users to perform research on their own.
- Knowledge of and support for current and emerging scholarly publishing models, including open access, research data management, institutional repository promotion, authors' rights management, bibliometrics including alternative metrics, and digital preservation/curation.

### **Collection Management and Scholarly Communication**

- Collaborate with Information Resources Management (IRM) staff to develop collections to support program and research needs.
- Continually assess resources to ensure they meet constituent needs.

### **Organizational Expectations**

- Collaborate with colleagues to improve, strengthen and actively promote library services, content, programs and initiatives.
- Demonstrate a commitment to user-centered services. Be knowledgeable about and actively promote current services, resources and technologies.
- Maintain current awareness of issues and trends impacting higher education and understand how these may affect the Libraries.
- Participate in the Libraries' assessment program by collecting, reporting, maintaining, and using

data to support evidence-based decisions.

- Understand and contribute to implementation of departmental and institutional goals for achieving non-discrimination and creating a respectful, inclusive environment that is supportive of diversity.
- Use access to sensitive and/or not yet public University-related information only in the performance of the responsibilities of position and exercise care to prevent unnecessary disclosures to others.
- May be asked to represent the Libraries on campus committees, Five College committees, Boston Library Consortium committees, or other selected professional meetings and conferences.
- Serve on internal library committees as needed.
- Work creatively, collaboratively, and effectively to promote teamwork, diversity, equality, and inclusiveness within the Libraries and the campus.
- Demonstrate, foster and cultivate a positive, proactive internal and external customer service culture amongst staff and student staff.
- Work a flexible schedule, which includes some evening, weekend, and holiday hours.
- Contribute to the profession through active participation in conferences, associations, research, writing, etc.
- Perform other related duties as assigned or required to meet department, organizational, and University goals and objectives.

### **Required Skills**

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#### **Required Qualifications:**

- Master's degree in library science - or equivalent degree - from a program accredited by the American Library Association, or its equivalent in librarianship from another country, or appropriate equivalent experience - by time of hire.
- Knowledge of reference and information sources in all formats, particularly those relating to science and engineering.
- Understanding of the methods used in performing library research.
- Knowledge of skills associated with information literacy.
- Awareness of current and emerging scholarly communication models, including open access, research data management, authors' rights management, publication metrics, reputation management, and/or data curation/visualization services.
- Ability to respond effectively to changing needs and priorities.
- Excellent interpersonal skills and ability to interact effectively and work productively in establishing and maintaining harmonious working relationships with a diverse population.

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- Excellent communication and presentation skills.
  - Ability to work collaboratively with colleagues and library users in a service-oriented, research-intensive environment.
  - Demonstrated creativity, initiative, and self-direction.
  - Ability to contribute to the implementation of departmental and institutional goals for achieving non-discrimination and creating a respectful, inclusive environment that is supportive of diversity.
  - Demonstrated ability to manage competing priorities in a positive, constructive, flexible and cooperative manner.
  - Ability to contribute toward creating a positive and respectful workplace defined by personal and professional competence, integrity and collaboration.
  - Strong service orientation and the ability to meet the public graciously and tactfully. Strong customer service attitude and initiative.
  - Ability to work a schedule which includes some evening, weekend, and holiday hours, as required.

#### **Preferred Qualifications:**

- Familiarity with software applications and systems used in academic libraries.
- Relevant discipline-specific experience in an academic or research library in a research-intensive environment.
- Experience with research data management and knowledge of scientific research workflows.
- Academic degree in a STEM discipline is an asset.
- Knowledge of informatics/bioinformatics.

#### **Benefits**

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Rank and salary commensurate with skills and experience

**Kind:** Full Time

**Level:** Staff Position

#### **Apply**

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#### **Application Instructions:**

Please apply online at <http://umass.interviewexchange.com/candapply.jsp?JOBID=93256> and submit a letter of application, resume, and contact information (phone and email) **for three professional references by February 14, 2018**, for priority consideration. Applications will be

accepted until the position is filled.

The University of Massachusetts Amherst is strongly committed to excellence and actively supports cultural diversity. As part of a commitment to its own multicultural community, the Libraries seek an individual with a demonstrated commitment to diversity and one who will understand and embrace University initiatives and aspirations. The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.

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