Informatics/Data Services Specialist and Biomedical/Research Services Specialist

University of Minnesota Libraries - Twin cities

Health Sciences Libraries

Job Location:
Minnesota

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The University of Minnesota Libraries invites applications for two innovative, tech savvy and proactive health science library specialists. We seek applicants who have subject expertise and technology skills, and who possess an understanding of research processes in the sciences to provide leadership and help shape the future of library services.Both positions will be part of the Health Sciences Libraries (HSL) division of the University Libraries, which is led by the Director and Associate University Librarian for the Health Sciences, and includes the Bio-Medical Library (http://lib.umn.edu/biomed) and the Wangensteen Historical Library of Biology and Medicine on the Minneapolis campus, and the Veterinary Medical Library on the St. Paul campus. The positions will report to the Associate Director for Liaison Services and will collaborate with eight other subject librarians in HSL as well as other science librarians across the University Libraries.The specialists will serve as library liaisons to designated academic departments and research centers affiliated with the University's Academic Health Center (AHC, (http://www.ahc.umn.edu/), including the Medical School, the Biomedical Discovery District, and the Clinical and Translational Science Institute, supporting the instructional, research and

outreach activities of these units. They will forge relationships with faculty, students and researchers and offer services that respond to the University's focus on translational science, informatics and interdisciplinary research, including the Minnesota Discovery, Research and InnoVation Economy (MnDRIVE) program, for scientific research in four critical fields: food security, brain research, robotics and advancing industry while conserving the environment. The AHC is one of the nation's few comprehensive centers encompassing programs in medicine, nursing, dentistry, public health, pharmacy, veterinary medicine, and allied health, as well as a number of interdisciplinary programs that serve the entire University. The University of Minnesota and its libraries also have a strong record of outreach and service to the state and region.Both positions will provide specialized leadership for HSL: one in data management and curation, and the other in the development and coordination of research support services. Areas of focus will include identifying and supporting research needs, such as data management, research networking and personal information management, and collaborating with faculty and library colleagues to create innovative tools for fostering and managing disciplinary and interdisciplinary research processes. The individuals will also contribute to the knowledge base of the profession through research, publication, and professional engagement, as they work toward continuous appointment status.Responsibilities of Informatics/Data Services Specialist: -- Provide leadership and direction for the Health Sciences Libraries and the Academic Health Center around data access and management, collaborating with Library and campus partners to develop and sustain a data curation program.-- Develop strong partnerships with faculty, students and researchers affiliated with the Clinical and Translational Science Institute and the Institute of Health Informatics to understand their workflows and develop online tools, systems and services to enhance efficiencies and facilitate translational science.-- Develop collaborative partnerships with informatics researchers across disciplines, contributing expertise in information science and linked open data to research projects that leverage, mine and integrate bibliographic data and information systems.-- Collaborate with library colleagues, including web services developers and the metadata strategist, to integrate and optimize health information systems, e.g., electronic health records, decision support tools, expertise systems, geospatial information systems, etc.-- Collaborate on interprofessional educational support for informatics and contribute to the health informatics curriculum, developing case studies, offering lectures, collaborating with instructors on assignments, and developing and integrating learning objects into the online learning environment.Responsibilities of Biomedical/Research Services Specialist: -- Provide leadership and programmatic direction for the research support services offered by the Health Sciences Libraries.-- In collaboration with the University Libraries' Research Services Librarian and other library colleagues, analyze trends in AHC research programs and disciplines, and develop, maintain and promote relevant, high-quality research support services such as grant support, systematic reviews, data and information management, research impact and metrics, etc.-- Facilitate interdisciplinary collaboration across the University Libraries, particularly across the sciences.-- Apply technical expertise and collaborate with the Libraries' Web Services Development department to develop tools and implement services.-- Assess campus education needs related to research support and coordinate the development and execution of in-person and online training.-- Serve as library liaison to the biomedical sciences graduate programs and to researchers in the Medical School and Biomedical Discovery District, consulting on and offering a wide array of research support services and integrating them into user workflow.-- Develop and teach classes and workshops based on user needs, developing learning objects and integrating them into the

online learning environment.QualificationsRequired: ---   American Library Association accredited Master's degree in Library/Information Science or equivalent combination of advanced degree and relevant experience.---   Facility with technology (e.g., basic programming, web applications, APIs) and its application in academic contexts.---   Excellent communication, presentation and interpersonal skills.---   Evidence of program development and project management skills.---   Demonstrated leadership skills.---   Demonstrated initiative and self-direction.---   Demonstrated ability to work collaboratively with faculty and students in a research-intensive environment.---   Ability to respond effectively to changing needs and priorities.Preferred: ---   Undergraduate or graduate degree in the physical, life, health, computer or related sciences, with a demonstrated understanding of the scientific research process.---   Experience in health informatics.---   Knowledge of digital repository software and systems, such as DSpace, Fedora, or Hydra.---   Data curation experience, with a demonstrated understanding of issues and technical challenges, including format migration, preservation, metadata and data retrieval.---   Knowledge of and experience in applying linked open data to leverage and exploit systems and databases.---   Experience in the design and integration of new technologies into the delivery of information services.---   Knowledge of biomedical ontologies and mapping.---   Experience with grant development.The University of Minnesota is located in the center of the Twin Cities metropolitan area. The Twin Cities are known for their vibrant cultural programming through numerous arts venues, extensive park and recreational systems, and an engaged and diverse community (http://www1.umn.edu/wishyouwerehere/) SALARY AND BENEFITS: This is a full-time, 12-month, continuous-appointment track, academic professional position with probationary appointment at Assistant or Associate Librarian. The Libraries offer a competitive salary commensurate with experience. Excellent benefits and substantial moving allowance. TO APPLY: Position available immediately. Applications will be accepted until filled. Submit a letter of application that includes whether you are applying for one or both positions; a resume; and the names, addresses, telephone numbers and email addresses of three current professional references at https://employment.umn.edu/applicants/Central?quickFind=112011 . Please identify the cover letter with UL302.The University of Minnesota is an Equal Opportunity Educator and Employer.

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