

Librarian III

OVERVIEW

The Informationist serves as an information expert for all faculty, staff, fellows, and students in several assigned departments. S/he builds dynamic, collaborative relationships with the Schools of Medicine, Nursing and Public Health departmental members by providing a variety of group instruction sessions, individual consultations and specialized information services and by participating as a member of departmental research- and information-management-related project teams. The informationist will also build an evolving set of data services to meet the needs of clinical, public health and basic science researchers across the research data lifecycle from its creation to preservation. S/he is embedded within assigned departments in accordance with Welch Medical Library's service model, which includes providing expert information services, and delivering an all-digital resource collection, and sophisticated interfaces. The Informationist reports to the Associate Director, Informationist Services.

RESPONSIBILITIES

Informationist Services

General Liaison (~ 14% effort):

With general librarian skills, refers patrons to clinical, medical, or scientific resources:

- Establishes primary communication contacts within assigned departments for announcements and updates regarding services and the library's information resources;
- Communicates regularly via these contacts to promote services and Welch information resources;
- Establishes mechanisms within assigned departments for annual group orientations for new fellows and residents, and individual consultations for new faculty and new staff on library services, resources and access, and conducts these sessions;

Data and Other Subject Specialty Focus (~ 33% effort):

Using experience and skills obtained from prior self-paced trainings, work experience, and along with guidance from the Associate Director:

- As a representative from Welch Library, interface with various groups involved in data science, such as the Institute for Clinical and Translational Research (ICTR) and the Center for Data Analysis, and collaborate with other University-wide data interest groups to promote awareness of data resources, products and services among faculty and students through outreach and embedded activities.
- Develop and lead instructional sessions about the use of various data resources and tools, and best practices for data access, collection, management, and preservation with a targeted focus on medical and health-related data.

- Monitor the landscape of data management plans required by funding agencies (NIH, NSF, etc.) and begin to design support services to respond to these requirements.
 - Develop and maintain awareness of data-centered strategies and technologies across the health sciences, attend relevant conferences and workshops for his/her continuing professional development
- Conducts informal and formal service- and resource- needs' assessments of assigned departments in an interactive, ongoing fashion, and communicate these needs via Welch committees and channels
- Continually promotes small group instruction sessions and individual consultations on services, library resources and access for all current department members and conducts such sessions as needed
- Develops program or curriculum-based instruction sessions about information resources and topics for assigned departments
- Evaluates needs for scheduled office hours within assigned departments in either a shared or designated physical space and establishes an information expert presence

Informationist (~ 33% effort):

With assistance of the Librarian III's and/or Associate Director's extensive subject knowledge and advanced experience of interaction with clinicians and faculty, begin work on advanced "embedded" informationist skills:

- Attends and actively participates as the information expert within assigned departments' research committees, clinical and grand rounds, faculty meetings, leadership and management meetings, journal clubs, seminars, case-conferences and other appropriate clinical forums;
- Forms formal collaborations with department members, especially faculty, on grant-funded research projects, information-management projects, systematic literature review projects and other informatics projects;
- Identifies assigned departments' affiliated research centers and attend related faculty or lab meetings and seminars;
- Forms formal collaborations with department members, especially faculty, on grant-funded research projects, information-management projects, systematic literature review projects and other informatics projects;

Library Operations (~ 20% effort)

In addition to the progression of embedding activities above, provides the following standard services:

- Decision-making and project implementation broadly impacts library services and resources and is conducted primarily via the Informationist Services Department and some JHU Library-wide committees. Participates as a department member as a method to collaborate with colleagues to identify, share, promote and evaluate informationist services, and on other committees to be determined. Most committees meet monthly. Some meet more often as needed. Members conduct follow-up activities and work on action items in between meetings.
- Performs ready-reference searches and in-depth literature reviews: provides scheduled back-up for the Welch Services Desk staff for complex questions and any in-depth searches requested by walk-in and call-in patrons and provides occasional back up as requested for the *Ask a Librarian* online help service;
- Develops and presents lectures and hands-on classes in the established Welch Medical Library Classes Series on a variety of information resource and access topics open to all JHMI community members.

Required Qualifications

ALA-accredited Master's degree in the Library/Information Sciences, or an advanced graduate degree in a related field, such as informatics, data science, health sciences, or statistics.

Minimum of three (3) years prior experience working in an academic health sciences or biomedical library or affiliated clinical/research environment.

Understanding of research process used in a range of disciplines, especially in the health sciences with particular focus on the research lifecycle of data.

Knowledge and experience with the lifecycle of research data and data management plan requirements (NIH, NSF, etc.).

Familiarity with data management requirements of federal agencies (NIH, NSF, etc.).

Strong, demonstrated service orientation with abilities to work effectively in a collaborative team environment.

Demonstrated excellent analytical and organizational skills, verbal and written communications and interpersonal skills.

Excellent presentation, instruction communication and relationship-building skills

Preferred Qualifications

A second advanced degree in a relevant discipline in informatics, data science, health sciences, or statistics.

Experience working with large research datasets and/or familiarity with major data resources such as ICPSR, healthdata.gov, hospital information systems, Medicare claims data, and the U.S. Census Bureau.

Knowledge and experience with research methodologies, quantitative and qualitative data and statistical software packages such as SAS, Stata, R, SPSS, ArcGIS, including expertise with at least one of these or similar programs.

Understanding of and experience with relevant metadata practices and standards such as DDI, SDMX, OASIS, Dublin Core, OAI-PMH, and discipline-specific metadata standards, such as LOINC, ICD-10, SNOMED.

Experience teaching workshops of a technical nature.

Project management experience; demonstrated ability to design, lead, and complete a project within scope.