

## POSITION ANNOUNCEMENT

### Assistant or Associate Professor Data Science Specialization

Purdue University Libraries seek an Assistant or Associate Professor with a specialization in data science to join the Libraries faculty. The Libraries are recognized leaders in research in data management and curation, information literacy, and scholarly communication, and we are developing a curriculum to address data literacy and undergraduate research. The qualified candidate will join a collaborative team of faculty and information professionals, and participate in developing and teaching courses related to data literacy.

**Responsibilities:** Participate in Purdue University's *Integrated Data Sciences Initiative (IDSI)* <https://www.purdue.edu/data-science/>. Develop and teach courses, as well as workshops and other programming, to support data science and data literacy. Define and conduct ongoing assessment for data literacy for various groups (undergraduate/graduate students, faculty, and others). Develop, implement and promote data sciences resources and tools, including the Purdue University Research Repository. Establish collaborative relationships with other faculty and research centers. Provide consultations in developing data management plans and curation strategies. Make recommendations for developing the Libraries collections in data science related areas.

**Required qualifications:** Ph.D. in information science, informatics or related area, or in relevant discipline building significant knowledge and skills in data sciences. Background working with qualitative and quantitative data. Experience with at least one programming language (Python and/or R preferred), to support coding and data manipulation. Knowledge of research data management and curation practices. Commitment to and excellence in teaching, familiarity with trends in instructional best practices. Strong interest in and ability to mentor students. Demonstrated ability to work collaboratively. Commitment to research and scholarship, and potential to achieve promotion and tenure.

**Desired qualifications:** Master's degree from an ALA-accredited library school. Background in computing in social science or health data. Experience teaching tools for data collection, annotation, analysis or visualization. Background working with scientific repositories or digital libraries/infrastructure. Experience teaching using active learning methods. Collaboration with digital archives, GIS or humanities computing projects.

Further information about Purdue University Libraries, the University and the community will be found at: [www.lib.purdue.edu/about/employment](http://www.lib.purdue.edu/about/employment).

**Environment:** Purdue University Libraries (PUL), recipient of the 2015 Award for Excellence in University Libraries from the Association of College and Research Libraries (ACRL), is at the

forefront of academic librarianship and redefining the role of the academic, research library in learning, discovery, and engagement activities of the University. Libraries faculty and staff are deeply involved in information literacy instruction and instructional design, redefining of learning spaces, scholarly communication, data management, and global outreach. Purdue Libraries faculty have expanded their collaborative endeavors with disciplinary faculty in integrating information literacy into the core curriculum. PUL is home to the first endowed chair in information literacy in the United States, established in 2008.

Purdue University Libraries is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement.

Opened in August 2017, the Thomas S. and Harvey D. Wilmeth Active Learning Center brings together six science and engineering libraries into a building that also houses 27 active learning classrooms that seamlessly integrates learning and classroom spaces at the very heart of the campus.

Purdue Libraries is a leader in the areas of data curation and library publishing services. Accomplishments in data curation include the development of the Data Curation Profiles Toolkit and the Purdue University Research Repository (PURR). PURR provides an online, collaborative working space and data-sharing platform to support the data management needs of Purdue researchers.

Purdue Libraries is an active member of state, regional, national, and international associations and consortia, including the Association of Research Libraries (ARL), the Center for Research Libraries (CRL), the Coalition for Networked Information (CNI), SPARC, the Council on Library and Information Resources (CLIR), the Digital Library Federation (DLF), the International Federation of Library Associations and Institutions (IFLA), and the Research Data Alliance (RDA).

Purdue Libraries is a founding member of both HathiTrust and DataCite. Purdue was one of four universities that collaborated with Ex Libris, Inc., on its Alma integrated library system, the next generation library management system. Collaboration and partnerships are hallmarks of Purdue Libraries both on and off campus, including partnership with ITaP (Information Technology at Purdue) and the Purdue Office of Research and Partnerships to provide assistance with funder data requirements.

Purdue University (<http://www.purdue.edu/>), located in West Lafayette, Indiana, in the historic Wabash River valley, is one hour from Indianapolis and two hours from Chicago. Renowned nationally and internationally for its programs in engineering, science, agriculture, and business, the University has over 41,573 students and 16,761 employees. Purdue is a member of the Association of American Universities (AAU), Association of Public and Land-grant Universities (APLU), and the Big Ten Academic Alliance (BTTA). Purdue has the fourth highest enrollment of international students among public U.S. universities, with 11,288 undergraduate, professional, and graduate students in 2017.

The greater Lafayette area (<http://www.homeofpurdue.com/>) provides diverse cultural, social, and recreational activities.

“Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran.” From *Nondiscrimination Policy Statement*, Purdue University [http://www.purdue.edu/purdue/ea\\_eou\\_statement.html](http://www.purdue.edu/purdue/ea_eou_statement.html).

**Salary and benefits:**

Salary commensurate with experience in the context of Purdue University’s salary structure.

Faculty tenure-track position with a twelve-month appointment. Rank of assistant or associate professor. Start-up funds in support of research are provided for computer/software/equipment, for travel/professional development, and for a half time graduate assistant for two years.

Purdue provides a generous fringe benefit package that includes retirement benefits as well as health, disability and life insurance, 22 annual vacation days, and tuition support for employee, children, and spouse/same sex domestic partner. Purdue University is responsive to the needs of dual career couples.

Relocation funding will be available and discussed on a case-by-case basis.

A background check will be required for employment in this position.

**Application process:**

To apply, please send a resume, cover letter, and the names and contact information of at least three references via email to Carole Tolley, Libraries Human Resources Coordinator, at [libhr@purdue.edu](mailto:libhr@purdue.edu).

When applying:

- Place “DSS” in the subject line of the email.

In the cover letter:

- Describe your interest in data science instruction and learning;
- Address the required qualifications;
- In keeping with Purdue Libraries commitment to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement, the cover letter must address at least one of these areas, indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Nominations for the position will be accepted and should be sent to [libhr@purdue.edu](mailto:libhr@purdue.edu). Review of applications will continue until the position is filled. Questions may be directed to Carole Tolley at 765-494-2899 or the above email address.

***This position announcement can also be found at: [www.lib.purdue.edu/about/employment](http://www.lib.purdue.edu/about/employment).***

***Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.***