Research Assistant IV, Metadata and Vocabulary Specialist

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Grant & Trust Administrative & Technical

The Linked Infrastructure for Networked Cultural Scholarship (LINCS) Project, College of Arts
Temporary full-time from January 9, 2023 to June 9, 2023
Hiring #: 2022-0768

Please read the Application Instructions [1] before applying

The Linked Infrastructure for Networked Cultural Scholarship (LINCS) project (https://lincsproject.ca [2]) requires an ambitious and collaborative-minded colleague to join our project to make the Web more meaningful for researchers of culture, history, and literature. LINCS is working with humanities and social science researchers across Canada to convert and link cultural datasets to create Linked Open Data for the Semantic Web, foregrounding difference, diversity, and the perspectives of the humanities from a wide range of disciplines. It is also making available tools and interfaces for the creation and use of Linked Open Data.

We are looking for a dynamic and creative individual to make a significant contribution to developing metadata documentation and policies for this national cyberinfrastructure project that will be used by both researchers and the general public. The right candidate will be familiar with linked data standards, will be detail-oriented, and will have excellent communication skills. The Research Assistant (Metadata and Vocabulary Specialist) will play a pivotal role in our team of librarians, computer scientists, and humanities researchers in helping shape the LINCS project.

Job description/responsibilities:

- Working with researchers to help convert their datasets
- Consulting with researchers on the vocabulary requirements for their data
- Cleaning and reconciling data
- Writing and editing LINCS ontologies application profiles documents
- Documenting applied uses of ontology patterns
- Documenting workflows and data mapping
- Overseeing new additions to LINCS-hosted vocabularies
- Monitoring, reviewing, and refining LINCS vocabularies across datasets
- Collaborating with developers on exposing and leveraging vocabularies used in LINCS
- Documenting how LINCS uses vocabularies, how to locate and evaluate external vocabularies, and how to contribute to hosted vocabularies
- Working with linked data in 3M and/or ResearchSpace
- Documenting use of ResearchSpace elements
- Creating training materials

Qualifications:

- University degree in a relevant field, with at least one to two (1-2) years of related experience, or an equivalent combination of education and experience
- Familiarity with Linked Open Data conceptual and technical requirements
Familiarity with ontologies, in particular CIDOC CRM and SKOS
- Familiarity with RDF serialization formats, in particular RDF/XML and TTL
- Awareness of current issues and trends in electronic resource management, metadata management, and cataloguing, and related technologies
- Excellent oral, visual, and written communications skills
- Detail-oriented with an ability to function and process information with high levels of accuracy
- Comfort with researching and learning new technologies
- Experience with Linked Open Data technologies and standards preferred

Other Details:
This position is expected to be 6 months full-time, or an equivalent number of hours on a part-time schedule. The schedule can be flexible to the needs of the successful applicant. Qualified individuals seeking part-time employment are encouraged to apply. This position is based at the University of Guelph but the University does offer flexible work arrangements.

Classification  Grant/ Trust fund position, Band D
GTAT (Grant & Trust Administrative and Technical) Salary Grid [3]

At the University of Guelph, fostering a culture of inclusion [4] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

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URL: https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/research-assistant-iv-metadata-and-vocabulary-specialist

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