

# McGill University - Schulich Library

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## Site Supervisor

Eleni Philippopoulos

## Practicum Site / Project Name

McGill University - Schulich Library

## Application Link

<https://forms.cloud.microsoft/r/wGmKTJq2dd>

## Title

Assistant Librarian

## Number of Practicum positions available

1

## Organization website

<https://www.mcgill.ca/libraries/>

## Practicum Physical Site Address

809 Sherbrooke St W, Montreal, Quebec H3A 2A7

## Brief description of your organization, its clientele and the services you offer.

McGill University Libraries supports research, teaching, and learning across disciplines. The Schulich Library serves students and faculty in engineering and the physical and life sciences.

## Describe the nature of the project and the learning opportunities the student may carry out during the Practicum.

Over the past year, we have seen a marked increase in demand from faculty leaders in the health sciences for teaching and learning materials on artificial intelligence (AI). Librarians are being asked not only about the availability of AI tools, but also about their reliability, limitations, and ethical implications in both research and clinical contexts. In order to respond effectively to these requests, there is a pressing need to better understand what tools are currently in use, what they claim to offer, and how they might be applied within health sciences research and education. This practicum project proposes to engage a Library and Information Studies student in exploring the landscape of AI tools relevant to health sciences research. The goal is to produce a clear, accessible set of resources that will help health sciences librarians evaluate these tools, anticipate faculty and student needs, and develop teaching materials in support of responsible and informed use.

### **Describe some of the activities and tasks the student may participate in (e.g., reference, circulation, cataloguing)**

The practicum student will:

Conduct an environmental scan of AI tools used in health sciences research and education, including both clinical decision support tools and research-focused platforms.

Compile a comprehensive list of these resources, documenting their stated functions, intended audiences, and, where possible, information about how they generate or structure their outputs.

Review the literature for studies, critiques, and case reports on the application of AI in health sciences research and education, with particular attention to ethical considerations such as bias, transparency, and reliability.

Explore the ways health sciences students might use these tools in coursework, clinical training, or research activities.

Identify opportunities for librarians to design instructional materials (e.g., LibGuides, online modules, or workshops) that will help students and faculty use AI tools effectively and critically.

### **Area of focus (e.g., Library studies, Knowledge management, Archival studies, User experience, Data science; or any combination of these areas)**

Library Studies and Knowledge Management

### **Courses or relevant backgrounds (e.g., Records Management, User Experience, Cataloguing, etc.)**

Health sciences information