CUPE Local 3902 (Unit 3) Job Posting

Sessional Co-Lecturer Position

Posting Date: August 18, 2022

Program: Masters of Health Informatics (MHI)

Sessional dates of appointment: Winter 2023, January - April

Course title: MHI2002H: Emergent Topics in Health Informatics: Intelligent Medicine, Machine Learning and Knowledge Representation

Course Description:

Health Informatics essentially seeks to apply information technology to solve key problems and improve all aspects of healthcare, including primary and acute care, research, and education. Topics in the course focus on the management of information technology, and the knowledge it produces including fundamental concepts of data structure, quality, analytics and aggregation, as well as data visualization. Personalized and intelligent medicine will be explored, and the ethics and societal implications of AI will be addressed. The course provides an interdisciplinary perspective of AI stakeholder values, intelligent medicine, machine learning, and knowledge representation. Students will learn when and how it is appropriate to apply machine learning for the improvement of health and healthcare. Applied, hands-on, and conceptual AI content will be explored in depth.

Objectives:

At the conclusion of this course students should be able to:

- List and describe key problems and opportunities in health care that require or could benefit from health information technology.
- Name and describe key eHealth technologies currently being employed to solve the key problems or realize important benefits.
- Name and explain key models and frameworks used for the design, deployment and management of eHealth systems.
- Analyze why eHealth technologies fail to provide the promised benefits.
- Design an eHealth technology to solve a specific problem in health informatics.

Qualifications:

- A PhD or Masters level education with recent experience in clinical and health informatics, preferably in the areas of ICT adoption, implementation, and evaluation;
• A robust understanding of clinical/clinician work processes, as influenced by health informatics and related technology;
• Past teaching experience related to health informatics, preferably at the graduate level;
• Prior experience in curriculum development and adult teaching-learning methods;
• Comfortable with electronic teaching tools such as Learning Management Systems (e.g., Blackboard), PowerPoint, as well as on-line collaboration tools (Blogs, Wikis, Discussion Boards, Webinars, or Video-conferencing).

Class schedule: Modular
Estimated enrolment: 70
Estimated TA support: based on enrolment - None

Duties:
• Course instructor for a professional graduate course using competency-based learning and assessment methods.
• Responsible for course design and assessment of student outcomes. Must be accessible to students outside of classroom hours.

Salary: Commensurate with experience

How to submit an application: please send your CV and cover letter via e-mail to ihpme.mhi.program@utoronto.ca and ihpme.appointments@utoronto.ca.

Closing date: September 7, 2022

This job is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement.

It is understood that some announcements of vacancies are tentative, pending final course determinations and enrolment. Should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

Preference in hiring is given to qualified individuals advanced to the rank of Sessional Lecturer II or Sessional Lecturer III in accordance with Article 14:12 of the CUPE 3902 Unit 3 collective agreement.
Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 Unit 1 collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.