



UNIVERSITY OF TORONTO  
DALLA LANA SCHOOL OF PUBLIC HEALTH

Posting Date: July 11, 2024

**JOB POSTING**

**SESSIONAL LECTURER (Co-Instructor) for FALL 2024 Term, at 0.25 FCE – CUPE 3902 Unit 3**

**Course#/Course Title:** CHL5413H – Public Health Sanitation

**Course Description:**

Although the study of public health is just over a century old, many fundamental practices within it have roots in the earliest human civilizations. These include ensuring access to clean water, managing sewage, and safeguarding the food supply. Together, these endeavors form the basis of sanitation whose tools encompass the application of technological and engineering solutions to uphold public well-being. Sanitary guidelines and prohibitions can be traced throughout various religious traditions, such as the Abrahamic, Dharmic, Taoic, and other faiths. These guidelines cover a range of activities including personal hygiene, waste disposal, food handling, and quarantine measures. Over time, some of these directives were formalized into sanitary laws, which emerged in Europe and England during the medieval period. By the late 19th century, the modern concept of public health sanitation took shape due to three pivotal events: the insightful analysis of living conditions among the working poor by Sir Edwin Chadwick in England (1842), the profound impacts of the industrial revolution, and the acceptance of the germ theory of disease.

From this juncture, public health sanitation evolved. Its practices grew ever more refined for a century until the proliferation of antibiotic drugs in the 1970s spawned the misbelief that because infectious diseases could be cured, the old-fashioned sanitary efforts employed to prevent them were longer necessary, and modern public health distanced itself from sanitation in favour of more pressing challenges like those posed by social inequities. But infectious diseases didn't disappear, and the formerly miraculous capabilities of antibiotics gradually diminished. Added to these problems were those created by a changing climate, straining the increasing demands of the food supply and access to clean water while promulgating old diseases and fostering new ones. In the midst of these contemporary challenges, the significance of sanitation has resurfaced, and its relevance is now more pronounced than ever before.

Through a series of readings and group discussions, this course will trace the history of public health sanitation and examine the relevance of sanitary practice in the context of modern challenges. The topics we will be covering include:

- **Drinking water**
  - water quality
  - ground water
  - water treatment
  - sustainability
- **Wastewater**
  - sanitation
  - sewage treatment
- **Solid waste**
  - trash
  - pests
- **Agricultural systems**
  - field crops: pre- & post-harvest pest & disease management
  - meat: hygienic husbandry, slaughter, processing & preparation

**Course Learning Objectives:**

The main aim is for the students to be able to synthesize and communicate the knowledge on aspects of public health sanitation (drinking water, wastewater, solid waste and agricultural systems).

**Estimated course enrolment:** 15  
**Estimated TA support:** None  
**Schedule:** Thursdays 1-4pm  
**Sessional dates:** September -December 2024

**Salary:** \$4,728.95 (Sessional Lecturer I)  
\$4,965.40 (Sessional Lecturer I Long Term)  
\$5,060.89 (Sessional Lecturer II)  
\$5,163.31 (Sessional Lecturer II Long Term)  
\$5,181.38 (Sessional Lecturer III)  
\$5,285.01 (Sessional Lecturer III Long Term)

*(Salary inclusive of 4% or 6% vacation pay, where applicable)*

**Please note that should rates stipulated in the Collective Agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.**

**Qualifications:** PhD, MD or equivalent; expertise in public health sanitation

**Description of duties:** curriculum planning and implementation, weekly teaching, student interaction, evaluation & grading

**Closing date:** August 1, 2024

**Application process:**

All individuals interested in this position must submit a Curriculum Vitae, and the CUPE 3902 Unit 3 application form ([PDF](#) or [RTF](#), also available at <https://uoft.me/CUPE-3902-Unit-3-Application-Form>) to :

c/o Christine Lowe  
Dalla Lana School of Public Health  
University of Toronto  
Email: [christine.lowe@utoronto.ca](mailto:christine.lowe@utoronto.ca)

**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.

**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.

Preference in hiring is given to qualified individuals to the rank of Sessional Lecturer II and Sessional Lecturer III in accordance with Article 14:12 of the CUPE 3902 Unit 3 collective agreement.