Sessional Lecturer-PHM141-Pharmaceutics - 1903726

Job Field: CUPE 3902 Unit 3
Faculty / Division: Leslie L. Dan Faculty of Pharmacy
Department: Leslie Dan Faculty of Pharmacy
Campus: St. George (downtown Toronto)
Job Posting: Aug 22, 2019
Job Closing: Sep 12, 2019, 11:59pm EST

Description
Course number and title: PHM141 Pharmaceutics

Course description: Achieving effective treatment of a disease while minimizing adverse effects of a drug requires rational selection, formulation and administration of an appropriate dosage form. This course teaches the scientific background and technical aspects important in dosage form design and their therapeutic applications. This course will focus on the biopharmaceutical considerations and physiochemical foundation of various dosage forms. Discussion will include preformulation factors (melting point, solubility, viscosity, dissolution, particle and solid state properties), rheology, pharmaceutical solutions, pharmaceutical powders, colloids and dispersions, complexation chelation, and protein binding.

Estimated course enrolment: 240

Estimated TA support: 3 TAs

Class schedule:

Sessional dates of appointment: January 1, 2020-April 30, 2020

Salary: $2164 (inclusive of 4% vacation pay)
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.

Minimum qualifications: Extensive knowledge of pharmaceutics, pharmaceutical chemistry, pharmaceutical dosage forms, solid form properties, characterization of pharmaceutical powders and particles, micromeritics.
Preferred qualifications: minimum MSc in pharmaceutics, previous training and teaching/research experience in these areas, excellent lecturing skills in large class.

Preferred qualifications:
Description of duties: Teaching 10 in-class lecture hours over a period of 3-4 weeks. All normal duties related to the design and teaching of a University credit course, including preparation and delivery of course content; providing a list of relevant reading materials; development of assignments, quizzes, tests and exams; preparation of answer keys for the assignments, quizzes, tests and exams; supervising TAs assigned to the course content.

Application instructions: Please submit resume, cover letter and completed CUPE Unit 3 Application form to academichr.phm@utoronto.ca referencing "PHM141 2019" in the subject line. Application form can be found on the Leslie Dan Faculty of Pharmacy Website https://pharmacy.utoronto.ca/about-us/job-opportunities/

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.