The Faculty of Health Sciences requires a Sessional Instructor to teach the following course during the Summer Term 2018. The duration of employment will be May 1 to August 27, 2018 inclusive.

*NOTE: Course location codes: BBY=Burnaby, VCR=Vancouver, SUR=Surrey, DIST=Distance Ed

<table>
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<tr>
<th>COURSE # &amp; CAMPUS*</th>
<th>TERM</th>
<th>COURSE TITLE</th>
<th>LECTURE/SEMINAR TIME/LOCATION</th>
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<tr>
<td>HSCI 483-3 (BBY)</td>
<td>Summer Term</td>
<td>Senior Seminar in Environmental Health</td>
<td>Wed. 2:30 pm - 5:20 pm, BLU 9021</td>
<td>12:00 noon Feb. 1, 2018</td>
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Recommended Qualifications:
- Doctoral degree

Minimum Qualifications:
- Graduate degree in a related field with demonstrated expertise in the content areas covered by the course, as identified in the Calendar description and sample course outline
- Experience teaching university-level courses
- Evidence of teaching ability commensurate with the responsibility of teaching the assigned credit course and of carrying out the duties to the effective conduct of that course

Interested applicants should send, by the closing date shown above, one PDF document containing (1) a covering letter and (2) a CV. to:

Sessional Applications
c/o Dr. Stephen Smith, Associate Dean, Education
Faculty of Health Sciences, Simon Fraser University
Blusson Hall 11320, 8888 University Drive
Burnaby, BC V5A 1S6 Email: fhs_sessional@sfu.ca

The course Calendar description can be found here: http://www.sfu.ca/students/calendar/2018/spring/courses/hsci.html.

A sample course outline is shown on the page following this ad.

Information is collected under the authority of the University Act (R.S.B.C. 1996, c.468, s27(4)(a), and the University’s policy of Collection of Personal Information, (I 10-05). The information is directly related to processing your application for a sessional instructor appointment and for offers of employment for successful applicants. If you have any questions about the collection and use of the information please contact the Executive Director, Human Resources, Simon Fraser University, Burnaby, BC V5A 1S6, telephone 778-782-3237.

Salary and conditions are determined by the TSSU Collective Bargaining Agreement.

Simon Fraser University is committed to the principle of equity in employment. In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents of Canada.

Course offerings are subject to budgetary approval and enrolment figures.
FACULTY OF HEALTH SCIENCES

HSCI 483-3  Senior Seminar in Environmental Health

PREREQUISITES:
HSCI majors with 90 units, including HSCI 304 and HSCI 330.

COURSE DESCRIPTION:
This is an innovative course intended as an introduction to toxicology for students interested in learning more about this field and its role in public health disciplines. No previous training in toxicology, chemistry or biology is required. There is a focus on learning about toxicants in the world around us. Topics include:

- the origins of toxicology as a practice and discipline
- overview of toxicants commonly encountered in public health
- sources and pathways of hazards in environments and workplaces
- basic physiology of systems involved in detoxification and biotransformation
- public health policies and practices aimed at controlling hazardous exposures
- techniques for communicating and critiquing risk information for the public

LEARNING OBJECTIVES AND GOALS:
Upon completion students will be able to:

- describe the interesting history of toxicology and how it shapes our present day understanding of public health
- identify toxicants commonly encountered in public health
- explain the principles of absorption, distribution, metabolism and excretion
- evaluate current science news coverage of public health issues
- describe key public policies aimed at managing public health risks in Canada

EVALUATION:
- Chemical inventory project: 25%
- Media file project: 15%
- Term paper + presentation on a single toxicant: 35%
- Midterm exam: 15%
- Participation: 10%

TEXTBOOK:

EXPECTATIONS / IMPORTANT NOTES:
The instructor may make changes to the syllabus if necessary, within Faculty / University regulations.