

JEH 455H1, Current Issues in Environment and Health

<i>Seminar</i>	<i>Speaker</i>	<i>Seminar Topic</i>
January 10	Dr Ron Wilson	Introduction
January 17	Dr. Paul Bozek, U of T Dalla Lana School of Public	Exposures in Occupational Settings Health
January 24		
January 31	Dr. Ron Wilson	Grant writing BPA Effects and PH
February 7		
February 14	Dr. Miriam Diamond, U of T Department of Earth Sciences	Flame Retardants
February 21	Reading Week	
February 28	Dr. Miriam Diamond, U of T Department of Earth Sciences	Flame Retardants
March 7	Dr. Denis Jugloff, Ministry of the Environment	Toxicology's Impact on Policy
March 14		
March 21	Dr Samia Afzal	BPA on the immune system
March 28	Campbell Family Institute for Breast Cancer Research	
April 4	Journal Club	Student Seminars

Note: This timetable is tentative and topics may change based on current research.

Marking Scheme:

Grant Proposal 1	20%	Group Participation	15%
Grant Proposal 2	25%		
Seminar Presentation 1	20%	Total	100%
Seminar Presentation 2	20%		

Grant Proposal 1: due February 14, 2017¹

Grant Proposal 2: due March 21, 2017¹

Course Website: On Blackboard

Turn It In

Normally, students will be required to submit their reports to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.

Account information will be posted on the course Blackboard site.

Note: These contents provide an overview of the course. Specifics may change.

Note: Students are expected to participate in all classes.

1. Due by 12:10pm Late Grant Proposals will not be funded, nor accepted.
January 10, 2017

JEH 455H1, Current Issues in Environment and Health

Welcome to JEH455H1S Current Issues in Environment & Health Course Syllabus Summary 2017

Instructor: Professor Ron Wilson, Ph.D., Human Biology, r.wilsonjr@utoronto.ca
Office hours: 2:10 – 3 pm, Wetmore Hall (WE), Room 105

Lectures: Tuesdays from 12 pm – 2 pm, Wilson Hall 524 (WI524)

Arts & Science Calendar Course Overview [12L, 12S]: This course introduces students to complex issues at the interface between environment and health where health is broadly defined. Each year a current and controversial case study is explored from scientific, medical, political and policy perspectives. The course takes students from the molecular to individual to population and societal levels.

Prerequisite: 4th year status; ENV341H1/HMB301H1/HMB302H1/HMB312H1/HMB314H1/HMB322H1

Course Description:

“Government of Canada Takes Action on Another Chemical of Concern: Bisphenol A

On April 18, 2008, the Honourable Tony Clement, Minister of Health, and the Honourable John Baird, Minister of the Environment, announced that the Government is taking action to protect the health of Canadians and the environment from another chemical of concern. Canada is the first country in the world to complete a risk assessment of bisphenol A in consultation with industry and other stakeholders, and to initiate a 60 day public comment period on whether to ban the importation, sale and advertising of polycarbonate baby bottles which contain bisphenol A.” (quoted from http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/bisphenol-a_e.html 6/29/08).

This current and controversial bisphenol A case will be used as a starting point for understanding current issues in environment and health. How does the Canadian government reach decisions about chemical substances? What roles do industry, the media and nongovernmental organizations play? How does this translate into public policy in Toronto, Canada, internationally? What does it mean for individual Canadians?

The highlight of the course is the diverse expertise of the guest lecturers. Scientists from academia, industry, government and nongovernmental organizations provide different and sometimes conflicting perspectives on the scientific and medical facts and interpretations. Environmental experts from academia, the media, law associations and Toronto Public Health, together with the scientists, provide important insights into the political and policy implications.

Readings: Various sources relevant to each class will be required reading.