

**Department of Epidemiology
University of Ottawa**

**EPI 5188 Health Technology Assessment
Fall Term 2009**

Professors

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Course Description

Definition and scope of health technology assessment; needs assessment; practice variations; use of administrative databases; evaluation of diagnostic tests; development and use of practice guidelines and clinical prediction rules; health technology assessment in the developing world. Lectures, seminars and case studies.

Prerequisite: Permission of instructor(s).

Objectives

The aim of the course is to introduce the student to principles of health technology assessment.

Methods

The course will consist of a series of interactive seminars. The instructors will facilitate discussion between students and guest lecturers. Students will be expected to complete their reading assignment prior to each class, and to be prepared to contribute to class discussion.

Schedule

Fall Term September 10 – December 3, 2009

Thursdays 9:00am – 12:00 MD

Room 3233, Health Sciences Centre

Course Schedule

Session/Date

Topic/Instructor(s)/Speaker(s)

Session 1 September 10, 2009	Introduction HTA in Canada Guest speaker: <i>Don Husereu (CADTH)</i>
Session 2 September 17, 2009	HTA Methods: Assessing the effectiveness of health technologies Instructor: <i>Dean Fergusson</i>
Session 3 September 24, 2009	HTA Methods: Equity issues in HTA Instructor: <i>Peter Tugwell</i>
Session 4 October 1, 2009	HTA Methods: Assessing the cost-effectiveness of health technologies Guest speaker: <i>Doug Coyle</i>

Session 5 October 8, 2009	HTA Methods: KT to patients Guest speaker: <i>Dawn Stacey</i>
Session 6 October 15, 2009	HTA Methods: Large databases Guest speaker: <i>Carl van Walraven</i>
Session 7 October 22, 2009	HTA Methods: Assessing diagnostic tests Guest speaker: <i>Marc Rodger</i>
Session 8 October 29, 2009	HTA Dissemination: Developing and evaluating Clinical Practice Guidelines Instructor: <i>Jeremy Grimshaw</i>
Session 9 November 5, 2009	HTA Dissemination: Developing and evaluating Clinical Practice Guidelines Guest speaker: <i>Kumanan Wilson</i>
Session 10 November 12, 2009	HTA Methods: Developing and evaluating Clinical decision rules Guest speaker: <i>Ian Stiell</i>
Session 11 November 19, 2009	HTA Methods: Patient Safety Guest speaker: <i>Alan Forster</i>
Session 12 November 26, 2009	HTA Dissemination: KT to Health Professionals Instructor: <i>Jeremy Grimshaw</i>
Session 13 December 3, 2009	HTA Dissemination: Influence of HTA on decision making in Canada Guest speaker: <i>Bill Tholl</i>

Teaching Method

The Health Technology Assessment course uses seminar type sessions rather than formal lectures. For the sessions, you will be provided with readings the week before. The sessions are devoted to discussing the readings and any questions you may have. However, we are NOT going to go over each reading in an organized fashion, hence, **you are expected to have read all the material ahead of time**. You will be asked to prepare short answers to 3-5 questions based upon the readings to be handed in at the beginning of each session.

Evaluation

Assessment will be based upon answers to short questions and participating in the sessions.