



COLLEGE of SOCIAL AND APPLIED HUMAN SCIENCES

DEPARTMENT OF FAMILY RELATIONS
AND APPLIED NUTRITION

FRAN*6221 Evidence-based Practice and Knowledge Translation

COURSE OUTLINE – WINTER 2023

1. GRADUATE CALENDAR DESCRIPTION

The principles of evidence-based practice are examined using various examples of psychosocial, behavioural and health interventions. The levels of evidence, criteria for efficacy and effectiveness, and the importance and limitations of evidence-based practice will be evaluated. The process of moving knowledge derived from high quality evidence into practice will be appraised throughout the course. Students will have the opportunity to build knowledge in their own areas of interest.

Credit Weight: 0.5 credits

Course Hours: 3-0 (36 lecture; 0 lab/seminar)

Pre-Requisite(s):

Co-Requisites(s):

Restriction(s):

2. COURSE DESCRIPTION

This course is focussed on the process of determining high quality evidence and knowledge translation which have become vital in research and practice. Evidence-based practice and policy decision-making have been adopted by many disciplines. The methods of evaluating and incorporating evidence into practice and policy-decisions will be examined. Synthesis research will be reviewed as an important method for the creation of knowledge and facilitation of knowledge uptake. The complexities of evidence-informed decision making will be discussed.

Knowledge translation and related concepts, such as exchange, mobilization, brokers and implementation science will be reviewed. The theory and practice of knowledge translation will be examined. The facilitators and barriers, and the strategies and tools of knowledge translation will be reviewed. A major component of the course involves an exploration of knowledge translation interventions and their effectiveness.

Research funding agencies and governments have placed a high priority on knowledge translation for practitioners, managers, policy makers and investigators. Thus, two broad categories, end of grant and integrated knowledge translation, will be reviewed.

3. TIMETABLE

Lecture: 2:30 to 5:20 pm Wednesdays
Location: MACS 331

4. INSTRUCTIONAL SUPPORT

Course Instructor: Michèle Preyde, PhD
Email: mpreyde@uoguelph.ca
Telephone: 519-824-4120 ext. 58599
Office: MINS 133b
Office Hours: By appointment

5. LEARNING RESOURCES

Required Resource(s):

Course readings are available electronically via the University of Guelph's library, Ares Course Reserve.
Students may be directed to additional readings in accordance with the current Access Copyright licence

Recommended Resource(s):

6. LEARNING OUTCOMES

At the completion of the course, successful students will be able to:

1. An acquaintance with the philosophy of science
2. The development of knowledge and skills for evaluating knowledge and presenting evidence of intervention effectiveness
3. The development of an understanding of the processes involved in moving knowledge derived from high quality evidence into practice.
4. An examination of strategies and tools for knowledge translation and implementation
5. An examination of effective knowledge translation intervention generally and in students' own disciplines
6. Further development of communication skills in presenting ideas in a scholarly manner

7. TEACHING AND LEARNING ACTIVITIES/CLASS SCHEDULE

Week	Topics	Assigned Readings & Guest Speakers
1	Introduction to EBP	EBP 1-3
2	Areas of consideration/application	4-7
3	Reporting and quality of evidence	8-11

Week	Topics	Assigned Readings & Guest Speakers
4	Synthesizing evidence	12-14
5	Interpreting synthesized evidence	15-19
6	Practice guidelines	20-24
7	Defining KT	KT 1-3
8	Organizational context, policy, PLS	4-8
9	KT interventions and effectiveness	9-16
10	Presentations	
11	De-implementation	17-21
12	KT development/ grants	22-24

Note: This is a tentative schedule; however, due to various unknown factors there may be changes. Any changes will be announced during class and an announcement will be posted on the CourseLink site.

8. ASSESSMENT DETAILS

Assessment	LOs Addressed	Due Date	% of Final
Scientific paper	1-3	Jan 25	20
Presentation outline	2,3,6	Mar 8	10
Presentation	1-6	Mar 22	20
Final paper	1-6	April 12	50
Total:			100%

1. Scientific paper (20%). As a means of becoming acquainted with the course materials and one another, please write a review on one of the studies used to support CONSORT to demonstrate understanding of quality of research or critique journal articles or review the use of evidence within a profession or review and critique the scientific evidence on a clinical intervention of interest to you. The purpose of this exercise is to encourage careful reading, stimulate original thinking and enhance written communication skills. How much confidence do you have in the evidence? (Length is ~2-3 pages, due Jan 25).

2. Detailed outline for the Presentation which also serves to inform and excite audience members (10%) (Mar 8).

3. Presentation (20%) Students can present on a topic of interest to them. Prepare a review and critique of the cognitive or behavioural theory or theories underlying KT interventions in a setting of interest to you (e.g., clinical, political, public health, organizational/institutional). You might consider attitudes, human reasoning, rationale, bias, misinformation, politics, judgement, competency, self-

efficacy, readiness for change, organizational culture and other influences on decision-making. Details will be reviewed in class. (Mar 22)

4. Knowledge Translation Assignment (50%). For this assignment, you will develop a Knowledge Translation intervention in an area of your choosing. You could develop this assignment as an end of grant KT plan or an application for a KT grant. For this plan, identify the target audience and demonstrate an understanding of the facilitators and barriers to evidence-informed practice or policy. Indicate how the KT intervention will be evaluated. In the discussion, include a paragraph on the difficulties of (or issues relevant to) the translation of research into this practice (~6 pages, Due April 12)

9. COURSE STATEMENTS

Land Acknowledgement:

We acknowledge that the University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit. We recognize the significance of the Dish with One Spoon Covenant to this land and offer our respect to our Anishinaabe, Haudenosaunee and Métis neighbours as we strive to strengthen our relationships with them. Acknowledging them reminds us of our important connection to this land where we learn and work.

Course Website:

There is a course website at <http://courselink.uoguelph.ca>. All components of this course will be housed on the CourseLink site including this course outline, assignments, and links to further resources. Your assignments will be submitted through the Dropbox function. Marks and feedback will also be released on the site. Please familiarize yourself with this website as soon as possible and visit it regularly throughout the semester.

Late Assignments:

Late assignments will be accepted up to 5 days following the due date and will receive a penalty of 10% per day EXCEPT under documented grounds for compassionate consideration. Assignments submitted more than one week late without documented grounds will receive a grade of zero. If you are going to hand an assignment in late, you must contact your course instructor to inform them when you will be submitting your assignment.

Receipt of Grades:

After you receive a grade on CourseLink, please review your feedback. Any inquiry or dispute over the grade must be made within two weeks from the date they are posted. If you fail to protest any grade during this time limit, changes to the grade will not be considered.

Turnitin Software:

In this course, your instructor will be using Turnitin, integrated with the CourseLink Dropbox tool, to detect possible plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph.

All submitted assignments will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site.

A major benefit of using Turnitin is that students will be able to educate and empower themselves in preventing academic misconduct. In this course, you may screen your own assignments through Turnitin as many times as you wish before the due date. You will be able to see and print reports that show you exactly where you have properly and improperly referenced the outside sources and materials in your assignment.

10.UNIVERSITY STATEMENTS

E-mail communication:

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

When you cannot meet a course requirement:

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the Graduate Calendar for information on regulations and procedures for [Academic Consideration](#).

Drop date:

Courses that are one semester long must be dropped by the end of the last day of classes; two-semester courses must be dropped by the last day of classes in the second semester. The regulations and procedures for [Dropping Courses](#) are available in the Graduate Calendar.

Copies of out-of-class assignments:

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

Accessibility:

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required, however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

Use of the SAS Exam Centre requires students to make a booking at least 14 days in advance, and no later than November 1 (fall), March 1 (winter) or July 1 (summer). Similarly, new or changed accommodations for online quizzes, tests and exams must be approved at least a week ahead of time.

More information: www.uoguelph.ca/sas

Academic misconduct:

The [Academic Misconduct Policy](#) is outlined in the Graduate Calendar.

The University of Guelph is committed to upholding the highest standards of academic integrity and **it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct** and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

Instructors **shall not** determine if academic misconduct has occurred. This is up to the Associate Dean Academic's office. Instructors shall not assign a grade of zero even if they believe that the student has committed some form of academic misconduct (e.g., copied material from a website like CourseHero) on an assignment or exam.

Instructors **can** determine if a student has poorly paraphrased and/or improperly cited material and can provide a grade accordingly as long as this is clearly identified as part of the assessment criteria via a rubric or other assessment tools.

For more information about Academic Integrity resources and how to prevent Academic Misconduct see: <https://csahs.uoguelph.ca/faculty-research/hub-teaching-learning-excellence/academic-integrity>

Recording of materials:

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

Resources:

The [Academic Calendars](#) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

Disclaimer:

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings, changes in classroom protocols, and academic schedules. Any such changes will be announced via Courselink and/or class email.

This includes on-campus scheduling during the semester, mid-terms and final examination schedules. All University-wide decisions will be posted on the COVID-19 website (<https://news.uoguelph.ca/2019-novel-coronavirus-information/>) and circulated by email.

Illness:

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

COVID-19 Safety Protocols:

For information on current safety protocols, follow these links:

- <https://news.uoguelph.ca/return-to-campus/how-u-of-g-is-preparing-for-your-safe-return/>
- <https://news.uoguelph.ca/return-to-campus/spaces/#ClassroomSpaces>

Please note, that these guidelines may be updated as required in response to evolving University, Public Health or government directives.