



FN4903Y: Practice-based Dietetic Research

June 13 – 17, 2016

9:00 am – 4:00 pm, Room 26 Ursuline Hall

Instructor:

Lesley Macaskill, MHSc, RD, PHEc; lmacaski@uwo.ca Office: Room 107, Ursuline Hall

Learning Objectives:

By the end of this course, the student will be able to:

- ✓ Describe the research process in practice-based nutrition research
- ✓ Summarize and critically evaluate past research/literature in their chosen field using Practice-based Evidence in Nutrition (PEN) grading guidelines
- ✓ Formulate research questions/topics designed to explore, test, refine, and/or build upon past research and theories
- ✓ Describe and communicate assigned topic to the class, and respond to critique
- ✓ Identify ethical issues associated with assigned project
- ✓ Design, test and validate a survey tool
- ✓ Plan and facilitate a focus group
- ✓ Understand approaches to analyze qualitative data
- ✓ Apply knowledge of credible databases to search academic literature
- ✓ Create an individual reference manager account
- ✓ Prepare a draft grant application to the Canadian Foundation for Dietetic Research (CFDR)
- ✓ Prepare a draft manuscript for publication in Canadian Journal of Dietetic Practice and Research (CJDPR)
- ✓ Prepare research poster framework using templates provided

Outline

Monday June 13	Tuesday June 14	Wed. June 15	Thurs June 16	Friday June 17
AM	AM	AM	AM	AM
-Introduction -Overview of week -research process in practice-based research Developing a research question -Modify and present research question to class and respond to critique Evaluation: 10%	Research Ethics applicable to your project	Focus groups overview/purpose & benefits -writing discussion guides -group practice example -facilitation Evaluation: 10%	Library session -search strategies -credible databases to search academic literature -create an individual reference manager account	Preparing a manuscript for publication (CJDPR) Preparing a poster presentation Evaluation: 5%
PM	PM	PM	PM	PM
Introduction to PEN PEN Grading Guidelines Practice grading a journal article Evaluation: 20%	Survey design and validation Practice survey-writing exercise Evaluation: 10%	Group practice facilitation Qualitative data analysis Evaluation: peer feedback 5%	Individual search time in library to begin collection of relevant articles and use of reference manager Evaluation: 20%	Writing a grant proposal (CFDR) Evaluation: 10%

Assessment

Class participation	10%
Research question and critique	10%
PEN Article Grading Assignment	20%
Survey-writing exercise	10%
Focus group discussion guide	10%
Practice Facilitation – peer feedback	5%
Reference manager account and library	20%
Poster framework	5%
<u>CFDR proposal</u>	<u>10%</u>
Total	100%