School Vision: Building upon a foundation of social justice and an ethic of care, we are a community of learners actively engaged in the development of critical, transformative knowledge for social work practice.

MSW Mission: The MSW program offers an accessible, advanced professional degree focused on social work practice in the fields of child and family welfare, health and social care, and international and social development, using a social justice lens. The purpose of this MSW program is to prepare our graduates to be competent social work professionals, equipped with state-of-the-art knowledge and skills, a critical analytic lens, and a social justice orientation.

Year/Term 2018 / Summer T1; May 15 to June 28
Course Title SOWK 553C – Quantitative Methods in Social Work Research
Course Schedule Tuesday & Thursday, 5:00 p.m. to 8:00 p.m.
Course Location Jack Bell Room 224

Instructor Sheila Marshall
Office Location Room 336
Office Phone 604-822-5672
E-mail address Sheila.Marshall@ubc.ca
Office Hours By appointment

COURSE DESCRIPTION:
This course provides an overview of methodologies that can be used in social work inquiry with a focus on quantitative methods. Students will learn how to design a study, conduct analyses of data, and appropriately interpret research findings.

LEARNING OUTCOMES:
- Familiarize students with a variety of approaches to social work research
- Introduce students to processes, methods and issues in qualitative and quantitative inquiry
- Strengthen abilities to critically read and evaluate research designs and findings of quantitative and qualitative studies
- Facilitate skills in identifying questions relevant to social policy, social service programs and social work practice that can be addressed using quantitative designs
- Enhance skills in identifying ethical issues in conducting systematic inquiry, particularly in relation to marginalized groups;

REQUIRED COURSE TEXTS:

See course outline below for additional required readings.

**EVALUATION**

Assignment 1: 2%
Assignment 2: 25%
Assignments 3 through 6 (sessions 5a to 6b inclusive): 2 marks each (total = 8%)
Mid-term examination (take home essay questions): 20%

**OUTLINE AND READINGS**

**Week 1a:** Getting started: Overview of the course & setting student learning goals
Representing social life; Framing research problems

*Readings:* Chapters 1 & 2, Palys & Atchinson
Chapter 1, Field

**Week 1b:** Ethics

*Readings:* Chapter 3, Palys & Atchinson

TCPS 2—2014 *Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans* available through:

Complete the on-line tutorial course at:
http://www.pre.ethics.gc.ca/eng/education/tutorial-didacticiel/

**Week 2a:** Constructs/variables, measurement, unit of analysis
Lab: introduction to SPSS

*Readings:* Palys & Atchinson, pages 334-337
Field, sections 2.31 to 2.3.4 (inclusive)

**Week 2b/3a:** Assessment & test validity


**Week 3b:** Reliability evidence: Survey instruments
Lab: correlation and Cronbach’s alpha


Week 4a: Sampling

Readings: Palys & Atchinson, Chapter 4

Week 4b: Conceptual considerations for designs: mediation, moderation


Week 5a: Interactive methods: surveys, interviews, oral history

Readings: Palys & Atchinson, Chapter 6

Retrieve from peer-reviewed journals a sample of social work research that uses (a) survey methods OR (b) interviews. Bring the article to class for presentation, comparison, and discussion.

Week 5b: Unobtrusive & archival methods

Readings: Palys & Atchinson, Chapter 8

Retrieve from peer-reviewed journals a sample of social work research that uses unobtrusive OR archival methods. Bring the article to class for presentation, comparison, and discussion.

Week 6a: Experimental designs

Readings: Palys & Atchinson, Chapter 9

Retrieve from a peer-reviewed journal a sample of social work research that uses an experimental design. Bring the article to class for presentation, comparison with other methods covered in previous weeks, and discussion.

Week 6b: Quasi-experimental designs

Readings: Palys & Atchinson, Chapter 10

Retrieve from a peer-reviewed journal a sample of social work research that uses a quasi-experimental design. Bring the article to class for presentation, comparison with other methods covered in previous weeks, and discussion.

Week 7: Midterm examination of your learning
COURSE POLICIES [attendance, participation, academic dishonesty]:

Excerpt from the UBC calendar:
Regular attendance is expected of students in all their classes (including lectures, laboratories, tutorials, seminars, etc.). Students who neglect their academic work and assignments may be excluded from the final examinations. Students who are unavoidably absent because of illness or disability should report to their instructors on return to classes.

The University accommodates students with disabilities who have registered with the Disability Resource Centre. The University accommodates students whose religious obligations conflict with attendance, submitting assignments, or completing scheduled tests and examinations. Please let your instructor know in advance, preferably in the first week of class, if you will require any accommodation on these grounds. Students who plan to be absent for varsity athletics, family obligations, or other similar commitments, cannot assume they will be accommodated, and should discuss their commitments with the instructor before the drop date.

It is recommended that students retain a copy of all submitted assignments (in case of loss) and should also retain all their marked assignments in case they wish to apply for a Review of Assigned Standing. Students have the right to view their marked examinations with their instructor, providing they apply to do so within a month of receiving their final grades. This review is for pedagogic purposes. The examination remains the property of the university.

Academic Dishonesty:
Please review the UBC Calendar “Academic regulations” for the university policy on cheating, plagiarism, and other forms of academic dishonesty. Also visit www.arts.ubc.ca and go to the students’ section for useful information on avoiding plagiarism and on correct documentation.

ASSIGNMENTS
Submitting Assignments
Students may submit assignments electronically or on hard copy to the instructor. Assignments must be received by the beginning of the class period on the date due.

Return of marked student assignments
Instructors coordinate the return of marked assignments. The instructor returns the paper to students in class. Marked papers not returned by any of the options above will be held by the instructor. Marked papers cannot be put in a box outside the instructor’s office or distributed from the main office.

Late assignments
Failure to submit an assignment by the due date will result in a mark of 0 for the assignment. Papers submitted on the due day but after the class period will be considered late.

GRADING CRITERIA:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percent Range</th>
<th>Mid-Point</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>90-100</td>
<td>95</td>
<td>Represents work of exceptional quality. Content, organization and style are all at a high level. Student demonstrates excellent research and reference to literature where appropriate. Also, student uses sound critical thinking, has innovative ideas on the subject and shows personal engagement with the topic.</td>
</tr>
<tr>
<td>A</td>
<td>85-89</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>A-</td>
<td>80-84</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>76-79</td>
<td>77.5</td>
<td>Represents work of good quality with no major weaknesses. Writing is clear and explicit and topic coverage and comprehension is more than adequate. Shows some degree of critical thinking and personal involvement in the work. Good use of existing knowledge on the subject.</td>
</tr>
<tr>
<td>B</td>
<td>72-75</td>
<td>83.5</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>68-71</td>
<td>69.5</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>64-67</td>
<td>65.5</td>
<td>Adequate and average work. Shows fair comprehension of the subject, but has some weaknesses in content, style and/or organization of the paper. Minimal critical awareness or personal involvement in the work. Adequate use of literature.</td>
</tr>
<tr>
<td>C</td>
<td>60-63</td>
<td>62.5</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>55-59</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>50-54</td>
<td>52</td>
<td>Minimally adequate work, barely at a passing level. Serious flaws in content, organization and/or style. Poor comprehension of the subject, and minimal involvement in the paper. Poor use of research and existing literature.</td>
</tr>
<tr>
<td>F</td>
<td>0-49</td>
<td>0</td>
<td>Failing work. Inadequate for successful completion of the course or submitted beyond final date of acceptance for paper.</td>
</tr>
</tbody>
</table>
Assignment descriptions:

All written assignments should follow APA format: 1” margins, 12-point font, double spacing, and APA style referencing. Failure to follow guidelines will result in the paper not being assessed until it has been reformatted according to guidelines.

Assignment 1: Due by the end of Week 3 (June 1)

Submit a certificate of successful completion of the TCPS tutorial. The tutorial is accessed at http://www.pre.ethics.gc.ca/eng/education/tutorial-didacticiel/

This assignment is aligned with TCPS guidelines and UBC ethics review boards’ expectations that all people applying for ethical review and working with data complete the tutorial. A certificate is provided upon successfully completing this tutorial. Please submit the certificate by attaching an electronic copy to an email address to the instructor.

Assignment 2: Due Week 8 (June 28)

Select an indicator used to assess a construct used in social work research. Do a literature search on this measure for:

a) empirical tests contributing to reliability and validity evidence
b) how the measure is used in research more generally.

In essay format, use your literature search and course readings on reliability and validity to address the following:

1) Begin the paper with an argument for investigating existing reliability and validity evidence for the measure. Introduce the construct the measure is supposed to measure, including the version (i.e., is this a first, second, or third edition?).

2) How is this measure administered and scored in extant studies? How are scores calculated?

   How much training/cost/time is required to administer the scale? Who can administer the measure?

3) Define validity and describe what it means to collect validity evidence. Describe what has been done to generate validity evidence for the measure you investigated in your literature search.

   Include an examination of the instructions given for the scale and/or the implementation procedures. Evaluate any strengths or weaknesses you discover.

   How would you judge this instrument based on this information? Are there other things you would do to generate validity evidence?

4) Define reliability and then describe what has been done to generate reliability evidence for this instrument.

   How would you judge the instrument based on the information you collected? Are there other things you would do to generate reliability evidence?

5) What does the scoring imply about people and the construct purported to be assessed?
6) Summarize your findings on the evidence for the instrument's reliability and validity and generate a conclusion about the viability of using the instrument in social work research.

Assignments 3 to 6: Due in class (see classes listed above).

Select an article for class discussion during sessions 5a to 6b (inclusive). Write a 2-3 page (double spaced) summary and reflection to bring to class for discussions. The papers will address the following:

1) Briefly summarize the research method and findings reported in the study.

2) Reflect on the ways in which the method used in the article is able to address the research question(s). Be sure to link the method to your reflection.
   a. In what ways does the method address the research question?
   b. In what ways does the method miss tapping into information that might answer the research question?

3) Describe the considerations outside of the research question that may have guided the author(s) selection of the methodology.