## Public Health Field Practicum

**Course Number: PUBH 3003 THPH**

**Language of Instruction:**  English

**Course Meeting times:** Various

**Co-Course Director:** Dr. Anootnara Talkul

(Lecturer & Grader)

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Asst. Prof. Dr. Pattara Sanchaisuriya

Email: pattara@kku.ac.th

**Office Hours:** By appointment

**Contact Hours:** minimum 15 classroom hours; minimum

135 field hours (at 3:1 ratio for field hours)

**Recommended Credit:** 4 semester/6 quarter hours

**Course Description**

The Public Health Field Practicum, preceded by the Community Public Health course, is the final course of the semester. Through lectures, fieldwork, and workshops, students complete community-based data collection and a scholarly research paper on a focused public health topic in one of the communities visited in the previous course. Reciprocity is essential in community-based, participatory research. Therefore, the subject matter for this practicum will expand upon preliminary data collection completed in the communities visited during the **previous**course. Students will work in four groups and decide amongst themselves in which two communities they will complete their short- though comprehensive- community health research project.

This project includes writing and presenting a research proposal, developing appropriate diagnostic tools, gathering and analyzing data about a public health issue, devising an evaluative plan, producing a scientific report, and presenting findings. The overarching goal of this project is to develop a well-researched paper that addresses a community’s health status and need(s). Each group, then, has the opportunity to design a modest, public health intervention that engages community members to learn about or act upon this need. The community project is presented to faculty and students at at Khon Kaen University, and two of the four projects are approved based on results of voting.

**Learning Objectives:**

Throughout the course, and by the end, students will be able to:

* Conduct a competent literature review.
* Develop a research proposal and plan.
* Design appropriate tools for community-based, participatory health research.
* Collect and analyze data to identify and develop appropriate research projects relevant to community health problems and needs.
* Develop a plan to address a community’s health issue with a level of community participation based on results from literature reviews, health policy concepts, and community feedback.
* Present well-organized findings to a larger audience and community.
* Write a scholarly research paper.

**Course Content:**

* Multi-disciplinary approaches and models to identify community health needs
* Research project design, development, implementation, and evaluation
* Community health intervention project proposal
* Report writing and presenting

**Course prerequisites:** PUBH 3001 THPH and PUBH 3002 THPH

**Method of instruction:** There are periodic classroom lectures, readings, fieldwork, workshops, and consultations throughout the course.

**Course requirements:** This involves five aspects: written work, readings, presentations, community participatory research implementation, and a project-based intervention.

**Course Assessment** (Detailed grading rubrics are available upon request for each assignment):

Research Proposal 20%

Research Presentation 10%

Intervention Proposal and Presentation 10%

Intervention Implementation 10%

Final Presentation 20%

Final Report 30%

**Research Proposal and Presentation**

This is a central component to both your final report and project intervention. The proposal is your roadmap to execute your research in your chosen community. It explains how and why you plan to do your data collection and analysis. You need to select at least two data collection instruments that will give you the best understanding of your chosen community’s needs. Your proposals should be 10-15 pages in length and include:

* Background/preliminary literature review (include research done in CPH course)
* Research Question/Hypothesis
* Objectives (SMART)
* Methodology (how do you intend to collect your data)
* Conceptual model
* Proposed schedule for data collection
* Discussion
* References
* Appendices (if applicable)

This proposal will be presented to the Faculty of Public Health for suggestions and feedback. Your presentation should be about 20 minutes long.

**Grading** for the Written Research Proposal:

Introduction 10%

Goals of Research 10%

Literature Review 15%

Methods 30%

(Including of sample of population, sample size, measurement,

outcome measurement, data analysis, and ethics, conceptual

model and other related figures)

Discussion 10%

Conclusion 10%

References 10%

APA Formatting, Spelling, and Grammar 5%

**Grading** for the Research Proposal Presentation:

Introduction 5%

Content 40%

Conclusion 5%

Focus, sequencing, and speed 30%

Question and Answer 10%

Presentation Format 10%

**Intervention Proposal and Presentation:**  Data analysis results should inform you as to what the nature of your intervention should be. Community interventions generally consist of a one half-day education session, but other projects are possible. You are expected to turn in a 10-15 page written proposal outlining your group’s plan for your community intervention. This includes:

* Overview/Purpose of the intervention
* Health policy concepts related to the topic
* Explanation of how this intervention addresses a community’s need(s)
* Data analysis & results from your research in the community
* Budget and Materials
* A timeline of how this will be executed
* Plan for evaluation of your intervention

This proposal will be presented to the Faculty of Public Health for suggestions and feedback. Your presentation should be about 30 minutes long. Everyone in attendance votes on the proposals according to selected criteria. The proposal from each of the two communities that receives the most votes will be implemented.

**Grading** for Written Intervention Proposal:

Introduction 5%

Data results 25%

Goals of the intervention 10%

Intervention plan 25%

Timeline 10%

Budget 10%

Anticipated outcomes 5%

APA Formatting, Spelling and Grammar 10%

**Grading** for the Research Proposal Presentation:

Introduction 5%

Content 40%

Conclusion 5%

Focus, sequencing, and speed 30%

Question and Answer 10%

Presentation Format 10%

**Intervention Implementation:** The two selected interventions are executed in the two communities. These interventions should be engaging to the community and address a need within the community. They should also include a short evaluation of the participants. An outline or script of the intervention must be turned in at the time of the intervention. Members of the groups that did not have their interventions selected assist the other groups in the intervention implementation.

**Grading** for Intervention Implementation:

Introduction 5%

Preparation 10%

Materials & Use of Budget 10%

Presentation and Delivery 20%

Organization 15%

Relevance 15%

Effectiveness / Results

(keeping in mind limitations) 10%

Sustainability 10%

Evaluation/ Debriefing 5%

**Final Presentation:** Groups present their research project as a whole, including background research, purpose of the project, data findings, intervention experiences, related health policy topics and discussion/recommendations to CIEE staff and students, KKU faculty, and any other invited community members and special guests. It is essential that your presentation be in PowerPoint™ format. You have up to 45 minutes to present and 15 minutes for questions and answers. The audience, who are given a presentation evaluation form, grades final presentations. The audience also provides you with written and verbal feedback, which you will have the opportunity to incorporate into your final written presentation and report paper.

**Grading** for Final Presentation:

Introduction 5%

Background 10%

Methodology & Results 35%

Intervention, Health Policy & Discussion 15%

Limitations, Recommendations and Conclusion 15%

Overall Presentation Format and Delivery 15%

Question & Answer 5%

**Final Project Report Paper:** Think of it as the research paper for PHMT, except now you have more tools to use in writing a more robust report. You have access to the primary data that you collected, you analyzed, and you developed into an intervention proposal, and now you can report on much more than simply secondary data. In fact, you have the skills and data you need to create a high-level research paper that contains both primary and secondary data sources. To make sure you can reach this high expectation, your group will work together to write a report the meets following criteria:

* Total length must be *at least* 5,000 and not to exceed 10,000 words excluding references, data tables, figures, or data collection instruments (which are all part of the Appendix (see below)).
* At least 15 unique sources (see literature review); citing one person or source multiple times still counts as one source.
* A literature review of 1,000-1,500 words is sufficient. It is the literature review that shows gaps in the research and how your findings will add to a body of evidence.
* Appendix:
  + Your original proposal (this helps to show what has changed, if anything, from what you expected to find and what you found).
  + All your data collection tools (survey/questionnaires, interview guides, observational tools, etc.)
  + Intervention designs, plans, tools, budget, etc.

Your paper should have the following sections:

Introduction

* Why is it important? Set the stage without telling your story.

Literature review/Background

* Previous research (including your own preliminary research in the CPH course)
* Research objectives and purpose
* Intervention objectives and purpose

Methodology

* Overall approach
* Data collection
* Analytic techniques
* Plan for evaluating intervention

Results

* State what you found. Describe all your statistics here. Refer the reader to your tables and figures.

Discussion

* Interpretation of results
  + Challenges, Limitations, and Strengths
* Future intervention opportunities
* Recommendations for further research

Conclusion(s)

Bibliography/References

* APA format http://www.apastyle.org/
* Appendices

The Final Project Reports are reflections of student academic integrity. They are to be printed and presented in a professional way: bound or with a nice cover, typed, double-spaced, 12 point Arial, Times, or Garamond fonts, and in APA format for references. Hard copies are to be delivered and electronic copies (MS Word format) emailed to Ajaan Toon and Ajaan Jen **no later** than midnight, Monday, May 12th.

**Grading** for Final Report

Title and Abstract / Summary 5%

Introduction 5%

Literature Review 10%

Methodology 15%

Results 15%

Discussion 15%

Conclusion 15%

References 5%

Appendix, Acknowledgement 5%

APA Format, Spelling, Grammar 10%

Part of your grade for the Final Report will come from your peer(s) in your group.

**Grading** for Final Report by peers:

Participation throughout practicum 20%

Attitude throughout the practicum 20%

Effort to contribute to each output/

Initiative to get things done 20%

Time invested in the team 20%

Workload distribution 20%

**TIPS:** You only have three weeks to do all of this. You’ll need to manage your time well. Here are a few suggestions:

* Take one day at a time
* Make a work plan/timetable assigning daily tasks and persons responsible
* Keep your projects focused and simple, but as interactive as possible
* Work hard, but have fun!

**The following progression is typical in working from a research proposal to final project:**

1. The Setup: Collect Data in CPH (2nd) Course 🡪 Last 2 lectures of CPH: Review data collected, pick major topics, do priority and agenda setting 🡪 Divide into 4 groups

2. Research Proposal: Workshop 1 on proposals/objectives 🡪 students write Research Proposals🡪 Research Proposal Presentation

3. Research: Methods/instruments developed🡪 Data gathering🡪 Data Analysis 🡪 Workshop 2: Research presentation, priority setting, and intervention determination 🡪 Consultation with community on intervention ideas

4. Project: Write Intervention Proposal and do Intervention Proposal Presentation 🡪 Intervention 🡪 Evaluation🡪 Presentation 🡪 Write Research Paper about the entire project.

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|  |  | **Spring 2014 Lectures (PHFP)** | **Lecturer** | **Hr** | **Date & Time** |
|  |  |  |  |  |  |
|  | 1 | Lecture 1: Proposal Development and Writing/Basic Concepts of Grant Writing in Public Health | Aj.Anootnara  Aj.Jen | 3 | 17 Apr. 9-12 |
|  | WS 1 | Workshop 1: Research Proposal Development & Writing | Aj.Jen | 3 | 17 Apr. 1-4 |
|  | 2 | Lecture 2: Project Conceptualization and Development  Workshop on Goals and Objectives of Research Project + Conceptual Model | Aj.Anootnara | 3 | 18 Apr.  9-10:30  10:30-12 |
|  | 3 | Lecture 3: Designing Research Methods and Monitoring & Evaluation | Aj.Anootnara | 3 | 21 Apr. 9-12 |
|  | 4 | Lecture 4: Research Proposal Presentations to the Faculty and CIEE  DUE: Written Proposal @ 9am | Aj.Anootnara  Aj.Jen | 3 | 22 Apr. 9-12 |
|  | 5 | Lecture 5: Proposal Feedback & Finalizing Instruments | Aj.Anootnara  Aj.Jen | 3 | 23 Apr. 9-12 |
|  |  | Finalizing Research Instruments at CIEE | Aj.Ratthaphol |  | 23 Apr. |
|  |  | Data Collection Run-throughs at CIEE | Aj.Jen |  | 24 Apr. |
|  |  | Data Collection (Phase 1) | Aj.Ratthaphol |  | 25-26 Apr. |
|  | WS 2 | Workshop 2: Debrief from Data Collection /Data Analysis (Research Redesign) | Aj.Jen | 33 | 27 Apr. 1-4 |
|  |  | Instrument Design (Phase 2) Day | Aj.Jen |  | 28 Apr. |
|  |  | Data Collection Days (Phase 2) | Aj.Ratthaphol |  | 29- 30 Apr. |
|  | WS 3 | Workshop: Data Analysis (Phase 2)    (Independent Group Work Time:  Data Analysis and Redesign Research Instruments, if needed) | Aj.Jen | 3 | 1 May  9-12 |
|  | WS  4 | Interpreting Data Results | Aj.Jen |  | 1 May  1-4 |
|  | 6 | Lecture 6: Intervention Proposal Presentations  DUE: Intervention Proposal @11:59PM | Aj .Anootnara  Aj.Ratthaphol | 2 | 2 May 2-5 |
|  | Par | Materials Preparation Day |  |  | 3 May |
|  |  | Materials for translation due | Aj.Ratthaphol | 7-8 | 4 May 5PM |
|  |  | Prep time | Aj.Ratthaphol |  | 5 May |
|  |  | Printing and Run Through | Aj.Ratthaphol |  | 6 May |
|  |  | Final Presentation Preparation Day | Aj.Ratthaphol |  | 9 May |
|  |  | Possible intervention Days | Aj.Ratthaphol |  | 7 and 8 May |
|  | 7 | Lecture 7: Final Project Presentations | Aj Anootnara  Aj.Ratthaphol | 3 | 9 May  1-5PM |
|  |  | DUE: Final Project Report @ 11:59PM |  |  | 12 May |