Learning Contract
Pharm 498: Pharmaceutical Research and Directed Studies

STUDENT NAME:

COURSE INSTRUCTOR(S): Lisa Guirguis

Name of Project: How do pharmacists use Shared Decision Making?

OBJECTIVE OF PROJECT: To examine pharmacists' use of shared decision making in patient interactions

BRIEF DESCRIPTION OF PROJECT: See Attached Proposal

OVERALL LEARNING OBJECTIVES FOR STUDENT:
The student will:
1. Learn the process of conducting coding a video.
2. Learn the process of analyzing video data.
3. Learn the process of presenting the methods and findings in a report format.
4. Present final research report and findings.
5. Use the Research Skill Development Framework to evaluate research learnings[1]

[1]Willison, J., and O'Regan, K. (2006). The Research Skill Development Framework. Accessed from
http://www.adelaide.edu.au/clpd/rsd/framework

TO MEET THE COURSE REQUIREMENTS THE STUDENT WILL ACHIEVE THE FOLLOWING LEARNING OBJECTIVES:

1. Students embark on inquiry and so determine a need for knowledge/understanding
(Level 2: Students research at the level of a directed question and require some structure/guidance)

Evidence of accomplishment:

Task	Achieved	Date
• Review selected literature on SDM in general and pharmacy		
• Summarize research		
• Determine next steps		

2. Students generate needed data using appropriate methodology
(Level 2: Collect and record data using several prescribed methods where info is not clearly evident)

Evidence of accomplishment:

Task	Achieved	Date
• Download software and load videos		
• Develop definition of a SDM moment		
• Identify SDM criteria		
• Describe SDM in pharmacist sample		
• Describe pharmacist sample characteristics		

3. Students critically evaluate data and the process to generate this information
(Level 4: Evaluate data and the inquiry process comprehensively using self-determined criteria developed within structured guidelines.)

Evidence of accomplishment:

Task	Achieved	Date
• Prepare SDM Tools		
• Code 6 test videos		
• Compare coding between reviewers at 10		
• Compare coding between reviewers at 20		
• Compare coding between reviewers at 30		
• Compare data between SDM coding tools.		

4. Students organize information collected/generated and manage the research process
(Level 4: Organize data and manage the research process using self-determined structures that fit provided guidelines.)

Evidence of accomplishment:

Task	Achieved	Date
• Create database for data		
• Organize physical and electric data		
• Consolidate all data and forward to instructor for future analysis		

5. Students synthesize and analyze and apply new knowledge
(Level 4: Synthesize and analyze data to construct emergent knowledge. Ask rigorous, researchable questions based on new understandings)

Evidence of accomplishment:

Task	Achieved	Date
• Present new knowledge (findings) in text and tables.		
• Summarize key findings		
• Consider implications of findings for teaching, pharmacists, and health care		
• Identify possible areas of comparison with other existing research		
• Review literature to include in light of research findings		
• Identify knowledge gaps		
• Identify directions/questions for future research		

6. Students communicate knowledge and the processes used to generate it, with an awareness of ethical, social and cultural issues
(Level 3: Use mostly discipline-specific language and appropriate genre to demonstrate knowledge and understanding within a field from a scholarly perspective and for a specified audience.)

Evidence of accomplishment:

Task	Achieved	Date
• Prepare final project presentation		

• Write a research report
   o Introduction
   o Methodology (provided, needs additional details)
   o Results (including any tables/charts)
   o Discussion
   o Conclusion
   o Abstract		

The student will meet with the course instructors regularly and provide updates of progress every week in person.

Completion Deadline: Final Report Due: Early April 2010 and Final Presentation to be scheduled during exam period.

_____
Student

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Course Instructor

Grading Scheme

4.0 (Excellent/A+/A) – All evidence of accomplishments are met. Creativity and independence are consistently demonstrated. A thorough knowledge base is demonstrated. A wide range of resources are accessed and utilized. Student seeks assistance from instructors and other experts appropriately and in an organized manner.

3.7 (Very Good/A-) – All evidence of accomplishments are met. A competent knowledge base is demonstrated. Several resources are accessed and utilized. Student seeks moderate assistance from instructors and other experts appropriately.

3.3 (**Good/B+**) - Some evidence of accomplishments are met. A satisfactory knowledge base is demonstrated. Several resources are accessed and utilized. Student seeks moderate assistance from instructors and other experts appropriately.

2.3 (Satisfactory/ C+) - Minimal evidence of accomplishments are met. A basic knowledge base is demonstrated. Several resources are accessed and utilized. Student seeks frequent assistance from instructors and other experts.

1.7 (Failure/C-) - Minimal evidence of accomplishments are met. Student demonstrates an unacceptable knowledge base and/or unacceptable skills and behaviours. Few resources are accessed and utilized. Student seeks constant assistance from advisor.