

Research Fellows Program

Course Description

This program will prepare clinical nurses to engage in a program of research. Emphasis will be placed on formulating a question/hypothesis, locating gaps in the literature, and designing a study protocol. Emphasis will be placed on the ethics of research in children, and compliance with regulatory agencies, such as Institutional Review Boards. Financial and operational considerations, including grant application, will be emphasized.

Course Objectives

- 1) Apply principles of ethics and finances to a research question
- 2) Create a research proposal to include IRB and grant fund application
- 3) Collect and analyze data
- 4) Present findings in an oral and/or written format

Intended Audience

Clinicians who want to answer a question that could translate to better care for children and their families

Course Outline

January 25

First meeting with Research Fellows

9am-12 noon

February 2

Lecture

Research Ethics: Protecting Human Subjects

Protocol, Design and Study Considerations

Review of Individual proposals (CITI Training)

9am-12 noon

1-3 pm

March 21

Writing Proposals

Proposals submitted via email by March 30, 2016

9am-12 noon

1-3 pm

April 11

Lecture

Methodology and Statistical Review

Individualized methods and statistical challenges

9am-12 noon

1-3 pm

May 23

IRB and PHS

9am-12 noon

Submission of draft IRB proposal via email by May 15th

Following approval by Dr. Lambton, submission to Children's IRB by June 1

June 20

Lecture

Grants, financial considerations, Budget

9am-12 noon

Application for research monies

1-3 pm

July 11

Seminar Discussion on progress so far

9am-12 noon

Full grant application submitted (draft) via email by July 15,

Submission to funding agency by July 30.

August 15

Lecture

Dynamics of conducting a study

9am-12 noon

Individual study considerations

1-3 pm

September 19

Individual studies begin and end

(30 day time line)

October 17

Lecture

Analyzing Data/Publishing results

9am-12 noon

What went right? What went wrong?

1-3 pm

November 14

Data Analysis Completed; Conclusions drawn

9am-12noon

Writing a paper; preparing for oral defense/poster submission 1-3 pm

December 2

Oral presentation on "Research Day" in conjunction with EBP Scholars

Final submission of paper to selected journal

Plans for translation of results into practice if positive:

Presentation to CPIC

FACULTY

Dr Judith Lambton