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 9am-12 noon
Review of Individual proposals (CITI Training) 1-3 pm

March 21
Writing Proposals 9am-12 noon
Proposals submitted via email by March 30, 2016 1-3 pm

April 11
Lecture
Methodology and Statistical Review 9am-12 noon
Individualized methods and statistical challenges 1-3 pm
May 23
IRB and PHS
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
Application for research monies

July 11
Seminar Discussion on progress so far
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
Individual study considerations

September 19
Individual studies begin and end
(30 day time line)

October 17
Lecture
Analyzing Data/Publishing results
What went right? What went wrong?

November 14
Data Analysis Completed; Conclusions drawn
Writing a paper; preparing for oral defense/poster submission

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