GNUR 542 Research Grantsmanship
Credit Hours – 1
Faculty: - Linda Janusek

Course Description - This course provides students with a basic understanding of the research grant application process. The overarching objective is to foster fundamental skills and strategies needed to prepare a competitive research grant proposal. Emphasis is placed on the means by which to best position a research grant application for success. Sources and types of funding from governmental agencies, private foundations, and professional societies are considered; however, the National Institutes of Health (NIH) and the Agency for Healthcare Research and Quality (AHRQ) grant programs and review process are emphasized. Strategies and tips for successful writing of each component of a research grant application are provided using examples and online tutorials. In addition, best approaches for amendment of a non-funded proposal are considered.

Course Outcomes:
1. Identify major sources of funding for health-related research.
2. Understand the mechanism by which to plan, write and submit a research grant application with consideration of the peer review process.
3. Identify successful approaches and strategies to prepare key elements of a research grant application.
4. Develop beginning skills to prepare a competitive grant application and to amend a non-funded proposal.

Learning Strategies:
1. Class lecture and discussion.
2. Sakai discussion board.
3. Online tutorials, video-casts, and web assignments.

Course Assignments:
1. Examine the NIH Mission and the AHRQ mission and priorities in preparation for an in class discussion of your research career trajectory and federal funding opportunities.
2. Explore NIH program announcements (PA) and requests for applications (RFA) and identify either a PA or an RFA that is consistent with your area of research. In this process, evaluate funded grants in your area using the NIH Reporter. Prepare a ½ page rationale that explicates how your research grant idea is responsive to the PA or RFA and builds upon existing and/or ongoing research.
3. Examine the research mission and priorities of either a private foundation or a professional society that is consistent with your area of research and present a 10-15 minute overview of this grant mechanism.
4. Prepare a 1 page Specific Aims, Significance, and Innovation section for a grant proposal.
5. Prepare an NIH style Biosketch.
6. Complete components of the NINR online research grant application tutorial.

Prepared by Linda Janusek 11.14.2008; revised LJ 032311; revised LJ 02.07.14
Evaluation:

1. Completion and evaluation of assignments.
   a. Specific Aims (30%)
   b. Significance (25%)
   c. Innovation (25%)
   d. Short presentation (10%)
2. Class participation (10%)