Professional Development Leave Application
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Goals
I have three projects I would like to complete during my professional development leave:

1. Critical Appraisal Tool Guide: A manuscript to be submitted to World Views on Evidence Based Nursing

   This manuscript is being written in collaboration with Dr. Robin Buccheri. Dr. Buccheri is a full professor in the School of Nursing and health professions, and teaches, among other courses, Scholarly Communication (Nurs705) and Evidence Based Practice (Nurs711), both in the doctoral program. The manuscript will serve as a guide to critical appraisal tools used to evaluate published research studies. Students working on assignments that require a critical appraisal of the evidence, and researchers working on systematic reviews, meta-analysis, or critical appraisals of individual studies often find it challenging to identify the most appropriate critical appraisal tool. The manuscript would provide a brief overview of approximately eleven critical appraisal tools, a guide on matching critical appraisal tools based on research methodology, and information on how to access the critical appraisal tools.

   The manuscript will be submitted to World Views on Evidence Based Nursing, a leading journal for evidence-based practice in nursing and health sciences. The journal’s editor, Bernadette Melnyk, is a leader in evidence-based nursing and co-wrote the textbook Evidence-based Practice in Nursing & Healthcare: A Guide to Best Practice, used by both the graduate and doctoral nursing students at USF, and widely considered to be one of the best evidence based practice resources.

2. Joanna Briggs Institute Systematic Review: The prevalence and effect of nurses’ perceived exposure to workplace bullying on nurse, patient, organization, and nursing-related outcomes in clinical settings: A quantitative systematic review

   In October of 2014, with support from USF Faculty Development Funds, I completed the Joanna Briggs Institute (JBI) Systematic Review training program at UCSF. The Joanna Briggs Institute is a global evidence based health sciences research institute that publishes systematic reviews, evidence summaries, and other synthesized research publications. USF is a JBI affiliate institution, and publishes under the umbrella of the UCSF Center for Evidence-Based Patient and Family Care: an Affiliate center of The Joanna Briggs Institute.

   In order to publish a JBI review, one must first submit a systematic review protocol and have it accepted. Authors have one year after protocol acceptance to publish their systematic review. JBI trainings strongly recommend medical librarian involvement in systematic reviews, and urges researchers to make medical
librarians co-authors. Dr. Christina Purpora from the School of Nursing and Health Professions is one of the first USF faculty members to have had a systematic review protocol accepted. I have been working with Dr. Purpora on this project since its inception. I am co-author on the protocol, and will be on the review, as well. The systematic review search process is time consuming and requires careful record keeping and close attention to detail. Completing the systematic review search and the search process narrative section during a research leave would allow me to focus on this challenging, but very exciting, publication opportunity.

3. EnviRN-Evidence: Enhancing nurses’ capacity to search for environmental health evidence

EnviRN-Evidence is a National Library of Medicine grant funded project that will result in a self-paced, problem-based online tutorial for practicing nurses and nursing students and faculty, about the relationship between environmental exposures and health outcomes, and the location of reliable informational and data sources that are part of TOXNET@. This project requires the creation of multiple screencasts, and will also involve piloting the project for a group of librarians, nurses, and scientists, and then incorporating their feedback into the finished product. The project is currently in production. Our timeline for creation and evaluation extends through February 2016.

Timeline

With the permission of the Dean, I would like to take six concurrent weeks of leave in December 2015 and January 2016, and the seventh and final week to be taken during spring break of 2016. Taking a leave during December and January would allow me to fulfill my teaching and reference obligations for my liaison areas. Many of the graduate and doctoral programs in the School of Nursing and Health Professions are in session in the summer, but December and January are consistently quiet. This timeline would be the least disruptive to my colleagues in the reference department, and has been approved by Randy Souther, head of reference.

Start date:
1. 12/07/2015 through 12/11/2015 (week 1):
   a. EnviRN-Evidence: Enhancing nurses’ capacity to search for environmental health evidence.
      i. Creation of search screencasts for occupational asthma segment
      ii. Final edits and changes for the pilot version that will be sent to EnviRN-Evidence’s advisory group.
      iii. Send first draft of tutorial to advisory group. Advisory group will have one month for review and feedback.

2. 12/14/2015 through 12/23/2015 (week 2 and 3*)
   a. Critical Appraisal Tool Guide
      i. Draft introduction section
ii. Draft overview of tools
iii. Send draft to co-author for review
iv. Receive and review co-author’s drafts

3. 12/24/15 through 1/1/2016 (vacation)

4. 01/04/2016 through 01/08/2016 (week 4)
   a. Joanna Briggs Institute Systematic Review:
      i. Systematic Review search construction and testing
      ii. Run search in CINAHL
      iii. Run search in PubMed
      iv. Run search in PsycINFO
      v. Run search in Embase (to be completed at UCSF Mt. Zion)
      vi. De-duplicate search results
      vii. Harvest full text and send to co-authors
           1. Order interlibrary loan as needed
      viii. Write up search process
      ix. Complete systematic review search flow chart using JBI software
      x. Send draft of search section to co-authors for review

5. 01/11/2016 through 01/22/2016 (week 5 & 6)
   a. EnviRN-Evidence: Enhancing nurses’ capacity to search for environmental health evidence.
      i. With EnviRN-Evidence team, review feedback from advisory group
      ii. Incorporate changes and edits, re-record screencasts as necessary.
      iii. Poster or paper presentation on EnviRN-Evidence and NCNMLG/MLGSCA 2016 Joint Meeting
   b. Critical Appraisal Tool Guide
      i. In collaboration with co-author, construct final draft and submit for publication.

6. 03/14/2016 through 03/16/2016
   a. Joanna Briggs Institute Systematic Review:
      i. Final draft and review of entire systematic review
   b. EnviRN-Evidence: Enhancing nurses’ capacity to search for environmental health evidence.
      i. Write and submit final grant report for National Library of Medicine
      ii. Draft article for Latitudes, the Pacific Southwest Regional Medical Library’s newsletter

Value

This research leave will result in co-authorship on a systematic review, a manuscript that will be submitted to a peer reviewed journal, and the completion of an online tutorial for practicing nurses. The contribution to scholarly conversation will be of value to Gleeson Library, and the experience will be valuable to my professional development.
Funding
If funding is needed I will apply for Librarian Development Funds.