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## **NUR 265: Introduction to Nursing Research and Evidence-based Practice OER Curation**

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# NUR 265: Introduction to Nursing Research and Evidence-based Practice OER Curation

## Overview

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## Scope Notes

The course provides students with a foundation for integration of evidence-based concepts into the provision of nursing care. Class time and resources cover the process of developing research evidence leading to acquisition of skills, knowledge, and research that contribute to evidence based practice.

Students learn how to 1) identify appropriate sources of evidence to direct nursing care, 2) describe the different types of research and the advantages and disadvantages of each, 3) evaluate studies that underpin evidence-based guidelines for nursing practice, 4) identify the sources of literature that synthesize evidence, and 5) evaluate the strengths and weakness of different forms of evidence.

## Current textbooks and materials

Polit, D.F. & Beck, C.T. (2021). Essential of nursing research: Appraising evidence for nursing practice (10th ed.). Philadelphia: Wolters Kluwer Health/Lippincott, Williams & Wilkins. \$102

## Search Notes

This search consulted OER Commons, Open Textbook Library, OpenStax, Merlot, BC Campus, and Rebus Community / Pressbooks. There are a large number of nursing resources, but a more limited amount for the specific topic of nursing research and evidenced based practice. Many resources listed below are suitable, but some are only partially useful as a supplemental resource for the course.



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## Gap Analysis

There appears to be a need for additional OER around nursing specific research and evidence-based practice. With this search it would be possible for an instructor to begin transitioning to OER, but they may not be satisfied to fully convert with OER adoption. Some of the resources found are best used as supplemental material for the course and it is likely that there will be need to adapt or create additional OER for such courses.

## Promising OER Options

### Finding Evidence-based Information for Health Sciences Students

- Anabella Arcaya; Graham Lavender; and Christine St. Denis, Finding Evidence-based Information for Health Sciences Students, College Libraries Ontario
- Available from [eCampusOntario](#)
- Online book
- [Ontario Commons License](#)
- Comments: This OER is designed for college students in the health sciences, especially nursing, to find and use reliable information for assignments. The modules cover developing a research topic, searching databases, evaluating resources, and writing academic papers. The OER is most likely useful as a supplemental resource that complements a well-rounded text for the course.

### Literature Reviews for Education and Nursing Graduate Students

- Linda Frederiksen, Sue F. Phelps, Literature Reviews for Education and Nursing Graduate Students, Washington State University Vancouver / Pressbooks (2019).
- Available from [Rebus Community](#)
- PDF, EPUB, MOBI, XHTML, Pressbooks, OpenDocument, Common Cartridge
- CC BY
- Comments: This open textbook was created for graduate-level nursing and education programs, and focuses on the role literature reviews play in the research process. The text will prepare students to conduct and write literature reviews. Students will learn how to form a research question, search existing literature, synthesize results and write the review. The book contains examples, checklists, supplementary materials, and additional resources. The OER is written by two librarians with expertise guiding students through research and writing assignments, and is openly licensed to permit full re-use and re-mixing. Due to the graduate student focus in crafting the resource, it may need to be revised to better suit an undergraduate reader.

## Transitions to Professional Nursing Practice

- Jamie Murphy, Transitions to Professional Nursing Practice, 2nd ed., Open SUNY (2020). ISBN 13: 9781641760904
- Available from [Open Textbook Library](#)
- PDF, Online book
- CC BY
- Transitions to Professional Nursing Practice was designed to provide a pivotal learning experience for students transitioning from an associate to baccalaureate degree. Topics covered in this text include professional nursing practice, baccalaureate education, healthcare in the 21st century, autonomy and accountability, nursing philosophy, professional development, communication, interprofessional collaboration, critical thinking, introduction to evidence-based practice, and nursing leadership and theory. The OER in whole is likely not the right fit for this course, but chapter 3's focus on evidence based practice is a suitable supplemental open resource.

## Health Research Readiness Modules

- Health Research Readiness Modules, The University of Notre Dame Australia Library (2020).
- Available from [OER Commons](#)
- Online learning modules
- CC BY-NC
- Comments: These five Health Research Readiness modules equip students with the skills to efficiently find, evaluate, and reference health information resources. The five modules include: Module A: Sources of information Module B: Types of information Module C: Searching Module D: Evaluating information Module E: Referencing. The course is designed for undergraduates and graduates and should be appropriate for the students of this course.

## Stretch Resource Options

### Strategies for Success in Nursing School: From Start to Finish

- Leslie Jennings, RN; RaeAnna Jeffers; Laura Haygood; and Craig Keaton; Strategies for Success in Nursing School: From Start to Finish, University of Texas at Arlington / Mavs Open Press (2019).
- Available from the [University of Texas at Arlington](#)
- EPUB, PDF, XML, Common Cartridge
- CC BY
- Comments: This textbook was created to provide nursing students a resource for the most fundamental tools for success. The chapters and activities provide keys for success both inside and outside of the classroom, starting with time management and

moving through study and test taking strategies. The majority of the text probably will not be suitable for the focus of the course, but the sections centering research during their nursing education and evidence based practice in the future are a good candidate for a supplemental OER to use in the course.

## The Process of Research Writing

- Steven D. Krause. The Process of Research Writing (Eastern Michigan University, 2007).
- Available from [Open Textbook Library](#)
- Online, PDF
- CC BY-NC-SA
- This writing textbook focuses on guiding students through the process of research writing with series of exercises, exploring the different parts of the research process, and how to present one's research. The author believes that often instructors tend to separate thinking, researching, and writing into different categories, but that these elements are more intertwined. This text may not be the right fit for all courses, but for instructors seeking a more holistic and rigorous WRT 150 section this may be an ideal OER textbook.

## Social Science Research: Principles, Methods, and Practices

- Anol Bhattacharjee, Social Science Research: Principles, Methods, and Practices, Global Text Project (2012). ISBN 13: 9781475146127
- Available from [Open Textbook Library](#)
- PDF, hardcopy:
- CC BY-NC-SA
- Comments: This is a reach resource, since the focus is on graduate students in a variety of disciplines and focuses on social science research. Public health students is an intended audience for the text though and parts of the resource may be an excellent supplemental resource for the course.

## A Day in the Life: Nurse Scientist and Nurse Educator

- A Day in the Life - Martin (Nurse Scientist and Nurse Educator), Johnson & Johnson (2014).
- Available from [MERLOT](#) / [Johnson & Johnson Nursing YouTube](#)
- Online video
- Copyrighted by Johnson & Johnson
- Comments: This video is not a typical OER, and is not openly licensed but can be easily linked to and has been included in previous open education nursing courses. Johnson & Johnson created a "day in the life" of a nurse scientist. The video follows a nurse researching pain recognition in newborns. It may be a useful supplemental resource to include in a course redesign.