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A Collaborative Distance Approach Using the Evidence to Build a Model for Medical Education Mentorship

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The Team

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Literature Search

Abstract
Screening

Full-Text
Screening

Data
Extraction

Theme
Consolidation

- Recorded search concepts and terms in **Excel**
- **Databases:** PubMed, PsycINFO, ERIC, CINAHL, Web of Science, Cochrane Library
- Stored and deduped references in **EndNote**

CINAHL Search Strategy

((MM "Mentorship") OR "mentor" OR (MM "Role Models") OR "role models" OR "mentoring" OR "mentee" OR "mentors" OR "role modeling" OR "role model" OR "mentoring program" OR "mentoring relationship") AND

("academic scholarship" OR (MM "Writing for Publication") OR (MM "Authorship") OR "authorship" OR (MM "Education Research") OR "education research" OR "education scholarship" OR "medical education scholarship" OR "nursing education research" OR (MM "Publishing") OR "publishing" OR "research report" OR "scholarly approach" OR "scholarly approaches" OR "scholarly output" OR "scholarly productivity" OR "scholarly project" OR "scholarly projects" OR "scholarly work" OR (MM "Scholarship") OR "scholarship" OR (MM "Writing") OR "writing") AND

((MM "Faculty") OR "faculty" OR (MM "Faculty, Medical") OR (MM "Faculty, Nursing"))



- Project members worked in groups of 2 or 3
- Eliminated 1120 articles based on title alone
- Each group reviewed titles and abstracts for about 380 articles in **Excel**
- Articles selected for further examination were noted in **Excel**













Screening by Title/Abstract

Record #	Article Title	Abstract	Include? (Y/N)
5409	S.N.A.P. and T.W.I.L.: No Matter What You Call It, New Professors Get Support	This paper details a non-tenured faculty peer mentoring program piloted at Uuuuu University. The Thinking,	no
4512	Scholarly productivity redefined in counselor education	In this study, 113 counselor educators responded to a survey about their scholarly productivity over a 3-yr	no
5737	Scholarly productivity: are nurse academics catching up?	The aim of this study was to document the amount of recent change in Australian nurse academics' scholarly	no
5749	Scholarly Teaching: Developmental Stages of Pedagogical Scholarship	Teaching assistantships can be a help or hindrance to a student's completion of a graduate degree and	no



- Titles/Abstracts labelled “Yes” were redistributed to each group
- **Dropbox** stored full text of articles
- Groups reviewed full text of articles to select articles for data extraction

Dropbox

Name	Date modified
 4336 Faculty as Mentors in Undergraduate Research.pdf	6/17/2016 2:42 PM
 4338 Cultivating medical education research mentorship as a pathway towa...	6/8/2016 3:20 PM
 4344 How we developed the GIM clinician–educator mentoring...pdf	6/7/2016 3:48 PM
 4355 The Role of Peer Mentoring in Academe.pdf	6/17/2016 2:41 PM
 4357 Key considerations for the success of medical education research and ...	6/7/2016 3:47 PM
 4360 The role of sustained mentorship in grant success.pdf	6/7/2016 3:46 PM
 4361 Are researcher development interventions, alone or in any combinatio...	6/8/2016 3:02 PM
 4362 AMIGO A novel approach to the mentorship gap in pediatric rheumat...	6/8/2016 2:58 PM
 4367 Preparing academic nursing's future leaders The Robert Wood Johnso...	6/7/2016 3:47 PM
 4390 A peer mentoring group for junior clinician educators.pdf	6/7/2016 11:50 AM
 4394 How a faculty group's peer mentoring of each other's scholarship can ...	6/9/2016 5:26 PM
 4405 Distinguished contribution to family nursing award 2011.pdf	6/8/2016 3:29 PM



- Concurrent with the Full-Text Screening phase
- **Qualtrics** data extraction form drafted by librarians
- Data extraction questions discussed by full team and finalized
- Each group submitted one form per article

Data Extraction Form Elements

- List characteristics of mentors and/or mentees that promote mentorship. Specify the population (e.g. mentors, mentees, both, etc.) that is being discussed.
- List characteristics of mentors and/or mentees that act as barriers to mentorship. Specify the population (e.g. mentors, mentees, both, etc.) that is being discussed.
- List the framework for mentorship
- List other relevant themes that will inform the interview script



- Data extraction forms compiled in **Excel** and distributed to the full team
- Groups reviewed 16-17 rows and developed themes
- A **Word** template guided the consolidation process
- Consolidated themes guided development of the interview script

Example of Theme Analysis

- Article #5058
- Scholarship focus: Yes
- Theme Ideas: Mentors provide resources, guidance, encourage mentee, feedback, challenge mentee to expand ability
- Comment: Excellent list of specific skills needed by mentors

Technology



Skill Sets

Clinicians
Medical Educators
Librarians



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