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Developing a Literature-Based Interview Script to Explore Mentorship Models in Medical Education Scholarship: A Collaboration Among Six Medical Institutions

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BACKGROUND

- Medical education scholarship (MES) is meaningful work that benefits faculty, their learners and their institutions
- Negotiating the terrain of MES – which often includes new languages, systems, and thought processes – requires consistent and effective mentorship
- Unfortunately, effective mentorship for MES is limited and an effective mentorship model has not been clearly identified

BUILDING A MES MENTORING MODEL

- We seek to build a model that will illuminate the effective elements of MES mentorship
- The model will be based on structured interviews with pairs of medical education mentors and their mentees
- Interview scripts will be informed by a review of existing literature
- This poster describes the process we followed to identify and analyze that literature

PROCESS: JANUARY – NOVEMBER 2016

Literature Search

- Determined search terms
- Databases: PubMed, PsycINFO, ERIC, CINAHL, Web of Science, Cochrane Library
- 1514 references identified and stored in EndNote

Abstract Screening

- Project members worked in groups of 2 or 3
- 1120 articles eliminated based on title alone
- Groups reviewed approx. 320 article titles/abstracts in Excel and selected articles for further examination

Full-text Screening

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

Data Extraction

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

Theme Consolidation

- Data extraction forms compiled and redistributed
- Groups reviewed 16-17 summarize articles and developed themes
- A Word template guided the consolidation process

RESULTS

The research team selected 80 articles for data extraction, followed by theme consolidation.

- Consolidated themes guided development of the interview script
- The script was piloted and revised

Supporting this collaborative experience provided a unique faculty development opportunity for the researchers. Nine individuals from six institutions brought expertise from a variety of fields, including clinical practice, education scholarship, and library science.

NEXT STEPS

- Interviews with mentors and mentee pairs will begin this summer using revised questions
- The team is considering using the database of articles to conduct and publish a systematic review