Often a research question requires locating an overview of a topic, an aggregation of best evidence, (rather than identifying a specific intervention), for example:

What is the best evidence for effective interprofessional education in nursing curricula?
PICOT (T)

- **Patient/Problem/Population:**

- **Intervention:**

- **Comparison:**

- **Outcome:**

- **(T)** (time factor, type of study, other limits/context)
What is the best evidence for effective interprofessional education in nursing curricula?

- **Patient/Problem/Population:**
  - Nursing students

- **Intervention:**
  - Interprofessional education

- **Comparison:**
  - Other educational models

- **Outcome:**
  - Improved collaboration, teamwork

- **(T)** (time factor, type of study)
- **Patient/Problem/Population:** Nursing students
- **Intervention:** Interprofessional education
A scoping search!

- Interprofessional education
- Nursing students

AND
The effectiveness of interprofessional education in university-based health professional programs: A systematic review [2011]


Abstract (summary) Translate

A key responsibility of universities is to prepare health professional graduates for their roles as effective members of the health care team. Currently, most university-based health professional education is delivered in a traditional, discipline specific way. This approach is limited in its ability to equip graduates with the necessary knowledge, skills and attitudes for effective interprofessional collaboration and for working as part of a complex health care team. Interprofessional education occurs when learners from two or more professional groups learn about, from and with each other. The fundamental premise of interprofessional education is that if health professional students learn together they will be better prepared for interprofessional collaboration leading ultimately to improved patient outcomes. The objective of this systematic review was to identify the best available evidence for the effectiveness of university-based interprofessional education.

A pre-appraised, pre-synthesized source, such as a systematic review, may help you get started. Here is an example of an evidence based summary from the Joanna Briggs Institute available from https://arch.library.nyu.edu/databases/proxy/NYU04719
Interprofessional education: effects on professional practice and health care outcomes (Review)

Reeves S, Zwarenstein M, Goldman J, Barr H, Freeth D, Hammick M, Koppel I
Plain language summary

Training health and social care professionals to work together effectively

Health and social care professionals, such as doctors, nurses, physiotherapists and social workers, need to work together effectively to take care of patients effectively. Unfortunately, professionals may not always work well together. Training and educational programmes have been developed as a possible way to improve how professionals work together to take care of patients. Interprofessional education (IPE) is any type of educational, training, teaching or learning session in which two or more health and social care professions are learning interactively.

This review found six studies that evaluated the effects of IPE. Four of these studies found that IPE improved some ways in how professionals worked together and the care they provided. It improved the working culture in an emergency department and patient satisfaction; decreased errors in an emergency department; improved the management of the care delivered to domestic violence victims; and improved the knowledge and skills of professionals providing care to mental health patients. But two of those four studies also found that IPE had little to no effect on other areas. Two other studies found that IPE had little to no effect at all.

The studies evaluated different types of IPE and were not of high quality. It is, therefore, difficult to be certain about the effect of IPE and to understand the key features of IPE to train health and social care professionals to work together effectively.
Article Databases:

http://nyu.libguides.com/findarticleshealth
A key word search in CINAHL

Searching: CINAHL Plus with Full Text

- interprofessional education
- AND nursing students

Choose Databases

Basic Search | Advanced Search | Visual Search | Search History

Page: 1 2 3 4 5

702 Results for...

An interprofessional education pilot program in medical care: Findings from an exploratory case study of undergraduate students.

Academic Journal

Page Options | Alert
Interprofessional education

Nursing students

Database
CINAHLplus

Thesaurus term
Education, interdisciplinary

Thesaurus terms
Education, nursing OR Students, nursing
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<tr>
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<td><em>Journal of Nursing Education (J NURS EDUC)</em>,</td>
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A CINAHL citation

Use metadata like breadcrumbs... to lead you to similar citations using thesaurus terms
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<td>Education, nursing OR Students, nursing OR Curriculum OR curricula</td>
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<td>Collaboration OR IPE</td>
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Use **OR** to connect synonyms

- IPE
- Education, interdisciplinary
- Multidisciplinary care team
- Teamwork
AND

(Education, interdisciplinary
  OR
Multidisciplinary care team
  OR
Teamwork
  OR
Collaboration
  OR
IPE)

(Education, nursing
  OR
Students, nursing
  OR
Curriculum
  OR
Curricula)
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</table>

Try another database.
Overcoming all obstacles: a framework for embedding interprofessional education into a large, multisite Bachelor of Science Nursing program.

Salif J, Solomon P, Allen D, Mohaupt J, Patterson C.
McMaster University, Hamilton, Canada. salifj@mcmaster.ca

Abstract
As the delivery of health care becomes more complex and challenging, the need for all health care professionals to collaborate as a team has been identified. Nurses are an integral part of the health care team, so it is critical that their education prepare them for interprofessional collaborative practice. Although many academic settings are currently offering interprofessional education (IPE) in the form of compulsory and elective activities and courses, it may not be enough nor an option for programs with large volumes of students who are distributed across a variety of sites and locations. This article outlines a framework that has been successfully adopted by one large school of nursing that chose to integrate interprofessional competencies throughout its curriculum. This IPE agenda is cost-effective, sustainable, and accessible, and it can be adapted to meet the needs of other prelicensure programs that face similar obstacles or challenges with offering IPE.

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PMID: 22201276 [PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms

Publication Types
Multicenter Study

MeSH Terms
Canada
Curriculum*
Education, Nursing, Baccalaureate*/organization & administration
Humans
Interprofessional Relations*
Models, Educational
Multi-Institutional Systems
Patient Care Team
Program Development
Teaching/methods*
Interprofessional education: a review of context, learning and the research agenda.

Thistlethwaite J.
Centre for Medical Education Research and Scholarship, School of Medicine, University of Queensland, Brisbane, Queensland, Australia. j.thistlethwaite@uq.edu.au

Abstract

CONTEXT: Interprofessional education (IPE) is not a recent phenomenon and has been the subject of several World Health Organization reports. Its focus is on health professionals and students learning with, from and about one another to improve collaboration and the quality of patient care. The drivers for IPE include new models of health care delivery in the context of an ageing population and the increasing prevalence of long-term chronic disease, in addition to the patient team and collaborative practice. 

DISCUSSION: Systematic review evidence that it improves attitudes and good evaluation methodology to define learning outcomes are positive. Assessment is difficult as professionals prefer to learn for their own professions.

CONCLUSIONS: Interprofessional education, professional education, professional organization and administration are important. The most pressing research question is the need for educators and organisations to work together.

MeSH Terms
- Cooperative Behavior
- Delivery of Health Care/legislation & jurisprudence
- Education, Professional/methods
- Education, Professional/organization & administration
- Health Personnel/education
- Humans
- Interprofessional Relations*
- Learning
- Patient Care Team
- Practice Guidelines as Topic
- Quality of Health Care
- Research/education
- Review Literature as Topic

A PubMed citation and its metadata
Searching the literature is iterative
Research question

Select database

Initial search with keywords

Translate terms

View initial results

Select relevant articles

Conduct revised search; view related records

Revise/expand search strategy

More results

Results
Searching is a balance between recall (sensitivity) and precision (specificity):

• Thus, retrieving a large set of articles may include many irrelevant hits.

• And putting too many restrictions on a search may exclude relevant studies.

• Sometimes you have to sacrifice precision, and filter through sets of results to manually filter false or irrelevant hits.
Pitfalls of increasing recall

• Less relevant results
• Distractions!
• Too many results
• Low level of evidence
• False hits
False hits: IPE in pubmed

• Ion-Paired Extraction

• Iris Pigment Epithelial

• Idiopathic Partial Epilepsy

• Index of Premature Ejaculation
Are we there yet?
No...there’s more

Ancestry method: look at the reference list for relevant articles.
Snowballing: Look at the Related citations from a relevant record
CINAHL, PsycINFO and other databases have a “cited reference” feature. More about cited reference searching is here: http://nyu.libguides.com/citedreferencesearching
Improving patient safety and optimizing nursing teamwork using crew resource management techniques.

Health Research Scientist, National Center for Patient Safety Field Site, Veterans Health Administration, White River Junction, Vermont, USA. priscilla.west@va.gov

Abstract

OBJECTIVE: This project describes the application of the "sterile cockpit rule," a crew resource management (CRM) technique, targeted to improve efficacy and safety for nursing assistants in the performance of patient care duties.

BACKGROUND: Crew resource management techniques have been successfully implemented in the aviation industry to improve flight safety. Application of these techniques can improve patient safety in long-term care settings.

METHODS: The Veterans Affairs (VA) National Center for Patient Safety conducted a CRM training session in select VA nursing units. One unit developed a novel approach involving nursing assistants (CNAs) while they collected work processes.

RESULTS: The typical nursing authority structure was adjusted. This process led to improvements in efficiency and staff morale.

CONCLUSION: Crew resource management techniques may be applied in the healthcare setting.

Terms in the abstract may lead to related searches "crew resource management (CRM) technique"
“Crew (or Cockpit) Resource Management (CRM) can be defined as a management system which makes optimum use of all available resources - equipment, procedures and people - to promote safety and enhance the efficiency of flight operations.”

http://www.crewresourcemanagement.net/
Try a multidisciplinary database

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<td>Interprofessional cooperation OR Cooperative learning OR CRM OR Crew resource management</td>
<td>Education nursing OR Nurses</td>
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Interprofessional Learning: Reasons, Judgement, and Action
Citation/Abstract

Summit builds momentum for education teamwork
Citation/Abstract

Pointer & Shooter
Citation/Abstract

Measuring Outcomes: A Review of Interprofessional Collaboration in Schools
Salm, Twyla. Physical & Health Education Journal 76. 2 (Summer 2010): 6-11.
References (36)
Citation/Abstract