Supplemental Digital Appendix 1: Literature Search Strategies for Systematic Review

PubMed: Complete database

Search #1: Search using keywords

((((((((((resident[Title/Abstract]) OR residents[Title/Abstract]) OR residency[Title/Abstract]) OR intern[Title/Abstract]) OR "internship year"[Title/Abstract]) OR interns[Title/Abstract])) AND ((research[Title/Abstract]) OR schola*[Title/Abstract]))) NOT ((((nurse OR nursing OR nurses OR dental OR dentistry OR dentist OR dentists OR veterinary OR VMD OR letter OR editorial OR "presidential address" OR "residential facility" OR "residential facilities" OR "nursing home*")))) AND (("2011/01/01"[PDat] : "2013/12/31"[PDat]))

Total retrieved as of 10/9/2013: 1915

Search #2: Search of *Journal of Graduate Medical Education*

(((((((((((resident[Title/Abstract]) OR residents[Title/Abstract]) OR residency[Title/Abstract]) OR intern[Title/Abstract]) OR "internship year"[Title/Abstract]) OR interns[Title/Abstract])) AND ((research[Title/Abstract]) OR schola*[Title/Abstract]))) NOT ((((nurse OR nursing OR nurses OR dental OR dentistry OR dentist OR dentists OR veterinary OR VMD OR letter OR editorial OR "presidential address" OR "residential facility" OR "residential facilities" OR "nursing home*")))))) AND "Journal of Graduate Medical Education"[Journal]

NOTE: The *Journal of Graduate Medical Education* was searched separately because it is known not to be indexed in MEDLINE.

Total retrieved 10/9/2013: 41

Search #3: Search using MeSH terms

((((((("Education, Medical, Graduate"[Mesh]) OR "Internship and Residency"[Mesh]) OR "Medicine/education"[Mesh]) AND (("Research"[Mesh]) OR (schola*[title/abstract])) AND (English[Language]))) NOT ((((((nurse OR nurses OR nursing OR dental OR dentistry OR dentists OR dentists OR veterinary OR VMD OR DVM)))) OR (((Comment[Publication Type] OR Letter[Publication Type] OR Editorial[Publication Type] OR Personal Narratives OR Retracted Publication))))))

Total retrieved 10/9/2013: 4125

PsycINFO (via EBSCO) :1887–present (10/10/2013)

((DE "Experimentation" OR DE "Consumer Research" OR DE "Interdisciplinary Research" OR DE "Qualitative Research" OR DE "Quantitative Methods" OR DE "Research Setting") OR (DE "Experimental Design") OR (TX scholarly)) AND ((DE "Medical Internship" OR DE "Medical Residency") OR (DE "Psychiatric Training"))

NOTE: PsycINFO indexes dissertations, books, and book chapters. These sources may appear in the search results. Letters could not be eliminated.

Total citations: 151

ERIC (via EBSCO): 1966–present (10/10/2013)

((DE "Graduate Students" AND DE "Medical Students") AND (DE "Research Methodology" OR DE " Research Design"))

Results: 2 citations

CINAHL (Cumulative Index of Nursing and Allied Health Literature): 1994–present (10/10/2013)

((MH "Internship and Residency") OR (MH "Medicine") AND ((MH "Research/ED") OR (MH "Research Concepts and Principles") OR (MH "Scholarship") OR "scholarly"))

NOTE: CINAHL indexes dissertations, books, book chapters. These sources may appear in the results. Letters could not be eliminated.

Results: 53