

Supplemental Digital Appendix 1

Search Terms, Search Strategy, Databases, and Exclusion Criteria Used to for Articles
Related to Resident Research Engagement Published Between 2005 to 2015

Search Terms and Strategy	
1	hospital units/ or exp hospitals/ (223697)
2	hospital*.tw. (910867)
3	exp Physicians/ (92772)
4	(doctor* or physician* or medical pract*).tw. (397456)
5	or/1-4 (1369771)
6	"Internship and Residency"/ (37609)
7	(intern or interns or internship).tw. (5481)
8	(junior adj2 (doctor* or physician*)).tw. (2218)
9	or/6-8 (42451)
10	5 and 9 (17799)
11	exp Research/ (469001)
12	(research* adj4 (team or teams or project* or mandatory or produc* or requir* or experienc* or program* or activit* or mentor* or support*)).tw. (84619)
13	(research* adj4 (engag* or facilit* or participat* or obstacl* or barrier* or exposur*)).tw. (21347)
14	(scholarly adj2 (activ* or productiv*)).tw. (499)
15	or/11-14 (545170)
16	Research/ed, og [Education, Organization & Administration] (4729)
17	10 and 15 (1157)
18	9 and 16 (188)
19	17 or 18 (1289)
20	limit 19 to (English language and humans and yr="2005 -Current") (583)
21	remove duplicates from 20 (562)
Databases search strategy applied to:	
<ul style="list-style-type: none"> ◦ Medline (Ovid) 2005 to August 2015 (526 search results) ◦ Embase (Elsevier) 2005 to August 2015 (135 search results) ◦ ERIC (Ebsco) 2005 to August 2015 (13 search results) ◦ AustHealth (Informit) 2005-2015 (26 search results) 	
Primary exclusion criteria by abstract review:	
<ul style="list-style-type: none"> ◦ Studies not written in English ◦ Studies where the primary focus is not on resident research engagement e.g. Evaluation of residency; workforce studies; focus on clinical service implementation/evaluation; Not resident focused; Undergraduate research engagement; Demographic studies; 'how to research' 	
Secondary exclusion criteria by full-text review:	
<ul style="list-style-type: none"> ◦ Studies not focused on resident research engagement =20; Intervention not described =12; Focused on academic development/physician-scientist = 13 	