Appendix 1: Search Strategy

**Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid *MEDLINE(R) 1946 to Present*** (Jan 9th, 2014)

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| ***#*** | ***Searches*** | ***Results*** |
| 1 | \*Emergency Service, Hospital/ or \*Emergency Medicine/ or \*Emergency Medical Services/ or (emergency$ or EMS or pre-hospital or prehospital).ti. | 88608 |
| 2 | ((emergency or pre-hospital or prehospital) adj (medicine or department$ or medical servic$ or physician$ or care or research$ or physician$)).tw. | 66674 |
| 3 | or/1-2 | 119444 |
| 4 | ((research$ or mentor$ or scientific or academic$ or scholar$ or educational or director$ or fellow$) and program$).ti. | 8808 |
| 5 | ((research$ or mentor$ or scientific or academic$ or scholar$ or director$ or fellow$) adj2 program$).tw. | 17921 |
| 6 | ((mandatory or academic or productivity or mentor$ or stakeholder$ or capacity$) and research).ti. | 2135 |
| 7 | (research adj3 (requirement$ or mandatory)).tw. | 1016 |
| 8 | (protected adj3 (research or time or month$)).tw. | 684 |
| 9 | ((academic$ or scholar$ or scientific$) adj2 (activit$ or productivity or capacit$ or research$ or publication$ or round$ or curriculum$ or project$ or skills or competencies)).tw. | 16604 |
| 10 | (research$ adj2 (activit$ or productivity or capacit$ or publication$ or round$ or curriculum$ or projects or skills or competencies or funding$ or fund$1 or stakeholder$)).tw. | 16513 |
| 11 | (research$ and (activit$ or productivity or capacit$ or publication$ or round$ or curriculum$ or projects or skills or competencies or funding$ or fund$1 or stakeholder$)).ti. | 6944 |
| 12 | (research$.ti. and funding.tw.) or (research$.tw. and funding.ti.) | 4462 |
| 13 | ((fellow$ or graduate$ or junior faculty or mentor$) adj3 program$).tw. | 5336 |
| 14 | ((training adj (program$ or requirement$ or director$)) and research$).tw. 4498 Advanced |  |
| 15 | program$.tw. and (\*Research Personnel/ or \*Mentors/ or \*Staff Development/ or \*"Fellowships and Scholarships"/ or \*Educational Measurement/ or \*Diffusion of Innovation/ or \*Authorship/ or \*Evidence-Based Medicine/ or \*Benchmarking/ or \*"Knowledge. Models, Educational"/ or \*Faculty, Medical/ or \*Training Support/ or \*Knowledge Bases/ or \*Biomedical Research/ or \*Health Services Research/) | 12204 |
| 16 | ed.fs. and (Staff Development/ or Research Personnel/ or Biomedical Research/ or peer review, research/ or Mentors/ or Health Services Research/) | 10946 |
| 17 | or/4-16 | 81887 |
| 18 | (academic$ or scholar$ or scientific$ or research$).mp. | 8553160 |
| **19** | **3 and 17 and 18** | **980** |
| 20 | limit 19 to (english or french) | **947** |