

Supplemental Digital Appendix 1

Literature Search Terms and Strategy by Database

MEDLINE (Ovid) (1948-May 2011)

exp Education, Medical/ or *Education, Graduate/ or *Education, Medical, Graduate/ or Faculty, Medical/ or exp "Internship and Residency"/ or exp Medical Staff/ or *Schools, Medical/ or (medical education or graduate* or residency or residents).ti,ab.

exp *Teaching/ or exp *Learning/ or (clinical teach* or medical teach* or ideal teacher or role model*).ti,ab. or (resident* adj1 learn*).ti,ab. or (professional adj learn*).ti,ab. or (medical adj learn*).ti,ab. or (experience* adj learn*).ti,ab. or *Perception/ or Clinical Competence/ or role/ or professional role/ or physician's role/

(exp *Medicine/ or medical.af. or physicians/ or physicians, family/ or Primary Health Care/ or Family Practice/ or (primary adj2 care).ti,ab. or (family practi* or general practi*).ti,ab. or (clinical adj1 practic*).ti,ab.) not (nursing or nurse*).af.

*professional role/ or *physician's role/ or (role model* or ideal teach*).ti,ab. or *Preceptorship/ or *Social Perception/ or *Role/ or exp *Models, Educational/ or exp *"Identification (Psychology)"/

EMBASE (Ovid) (1980-May 2011)

exp *medical education/ or medical student/ or medical school/ or residency education/ or resident/ or (medical education or graduate* or residency or residents).ti,ab.

teaching/ or learning/ or perception/ or clinical competence/ or clinical education/ or educational model/ or model/ or (clinical teach* or medical teach*).ti,ab. or role model*.ti,ab. or (resident* adj1 learn*).ti,ab. or (professional adj learn*).ti,ab. or (medical adj learn*).ti,ab. or (technique* adj1 learn*).ti,ab. or (experience* adj learn*).ti,ab.

(medical care/ or clinical practice/ or general practice/ or medical practice/ or *doctor patient relation/ or exp physician/ or general practitioner/ or exp primary health care/ or primary medical care/ or family medicine/ or general practice/ or medical education/ or (primary adj2 care).ti,ab. or (family practi* or general practi*).ti,ab. or (clinical adj1 practic*).ti,ab.) not (nursing or nurse*).af.

role playing/ or physician attitude/ or personality/ or self concept/ or (role model* or ideal teach* or preceptor*).ti,ab.

ERIC (Ovid) (1965 -May 2011)

medical education/ or graduate medical education/ or graduate students/ or medical students/ or medical schools/
or medical school faculty/ or (medical education or graduate* or residency or residents).ti,ab.

"clinical teaching (health professions)"/ or teaching methods/ or clinical experience/ or exp learning/ or (clinical
teach* or medical teach* or role model* or (resident* adj1 learn*) or (professional adj learn*) or (medical adj
learn*) or (technique* adj1 learn*) or (experience* adj learn*)).ti,ab. or clinical experience/ or exp role models/ or
role/ or teacher role/ or teacher behavior/ or teacher characteristics/ or teacher competencies/ or teacher
effectiveness/ or teacher empowerment/ or teacher influence/ or teacher leadership/ or teacher researchers/ or
teachers/ or teaching styles/

(exp medicine/ or medical.af. or physicians/ or primary health care/ or "family practice (medicine)"/ or (clinical adj1
practic*).ti,ab. or ((primary adj2 care) or (family practi* or general practi*)).ti,ab.) not (nursing or nurse*).af.

role playing/ or role/ or role perception/ or role models/ or personality/ or self concept/ or teacher role/ or teacher
behavior/ or teacher characteristics/ or teacher competencies/ or teacher effectiveness/ or teacher empowerment/
or teacher influence/ or teacher leadership/ or teachers/ or teaching styles/ or "identification (psychology)"/ or
imitation/ or (role model* or ideal teach* or preceptor*).ti,ab.

PsycINFO (Ovid) (1806 -May 2011)

exp medical education/ or graduate education/ or medical internship/ or medical residency/ or graduate students/
or medical students/ or *medical sciences/ or (medical education or graduate* or residency or residents).ti,ab.

exp teaching/ or teachers/ or exp learning/ or "imitation (learning)"/ or role models/ or perception/ or professional
competence/ or clinical methods training/ or exp teacher characteristics/ or (clinical teach* or medical teach* or
role model* or (resident* adj1 learn*) or (professional adj learn*) or (medical adj learn*) or (technique* adj1 learn*)
or (experience* adj learn*)).ti,ab.

roles/ or role expectations/ or role models/ or role perception/ or role playing/ or health personnel attitudes/ or
professional identity/ or role perception/ or self concept/ or *personality traits/ or (role model* or ideal teach* or
preceptor*).ti,ab.

primary health care/ or family medicine/ or family physicians/ or general practitioners/ or exp Physicians/ or exp
Family Physicians/ or clinicians/ or clinical practice/ or medical.af. or (primary adj2 care).ti,ab. or (physician* or
family practi* or general practi*).ti,ab.