

# Family Medicine

THE OFFICIAL JOURNAL OF THE SOCIETY OF TEACHERS OF FAMILY MEDICINE

## Appendix 1: Search Strategy

A medical librarian (Young) performed a comprehensive search of PubMed using a range of terms in three categories related to interventions to address barriers to career choice in primary care. The three search categories were economic (Search 1), social or psychological (Search 2) and academic (Search 3). Subject headings and keywords for the sections of the search related to primary care and medical education remained consistent throughout the process. These sections were then combined with each of the three search strings to create three separate searches. The three result sets were then combined to eliminate duplicates. This method allowed for thorough and accurate treatment of each category of career choice in primary care. Searches were filtered for English language. The searches were later applied to additional databases, with appropriate modifications. Publications without abstracts were excluded after the year 1990; the non-abstracted literature consisted almost entirely of commentaries, editorials, and letters. However, a hand search of pre-1990 literature that had been found in the database searches was conducted without this exclusion, as research was occasionally published without abstracts during this time.

### Search 1 Financial and economic factors

Search Search ("professional identity"[All Fields] OR "professional identification"[All Fields] OR "Career Choice"[MeSH Terms] OR "specialty"[All Fields] OR career[All Fields] OR ("choice behavior"[MeSH Terms] OR "choice behavior"[All Fields] OR "choice"[All Fields]) OR (choose[All Fields] OR choose[All Fields] OR chooses[All Fields] OR choosing[All Fields]) OR preference[All Fields] OR discipline[All Fields]) AND (("physicians, family"[MeSH Terms] OR "family physicians"[All Fields] OR "family physician"[All Fields]) OR "primary health care"[MeSH Terms] OR "primary health care"[All Fields] OR "primary care"[All Fields] OR "family practice"[MeSH Terms] OR "family practice"[All Fields] OR "family medicine"[All Fields] OR rural[All Fields] OR ("general practice"[MeSH Terms] OR "general practice"[All Fields] OR "general practitioner"[All Fields]) OR ("internal medicine"[MeSH Terms] OR ("internal"[All Fields] AND "medicine"[All Fields]) OR "internal medicine"[All Fields]) OR (("paediatrics"[All Fields] OR "pediatrics"[MeSH Terms]

OR "pediatrics"[All Fields] OR "pediatrician"[All Fields])) AND (("Social Identification"[Mesh] OR "social stigma"[MeSH Terms] OR ("social"[All Fields] AND "stigma"[All Fields]) OR "social stigma"[All Fields] OR "stigma"[All Fields]) OR ("motivation"[MeSH Terms] OR "motivation"[All Fields]) OR ("personality"[MeSH Terms] OR "personality"[All Fields]) OR status[All Fields] OR class[All Fields] OR reputation[All Fields] OR ("discrimination (psychology)"[MeSH Terms] OR "discrimination"[All Fields]) OR influence[All Fields]) AND (clerkship[All Fields] OR "education, medical"[MeSH Terms] OR "medical education"[All Fields] OR "medical students"[All Fields] OR "medical student"[All Fields] OR "Students, Medical"[Mesh] OR ("schools, medical"[Mesh] OR "medical schools"[All Fields] OR "medical school"[All Fields])) AND English[lang] NOT ("UK"[All Fields] OR British[All Fields] OR Britain[All Fields] OR ("great britain"[MeSH Terms] OR ("great"[All Fields] AND "britain"[All Fields]) OR "great britain"[All Fields]) OR ("great britain"[MeSH Terms] OR ("great"[All Fields] AND "britain"[All Fields]) OR "great britain"[All Fields]) OR ("united"[All Fields] AND "kingdom"[All Fields]) OR "united kingdom"[All Fields]) OR ("england"[MeSH Terms] OR "england"[All Fields])) AND (hasabstract[text])

Search 2

Social and psychological factors

Search ("professional identity"[All Fields] OR "professional identification"[All Fields] OR "Career Choice"[MeSH Terms] OR "specialty"[All Fields] OR career[All Fields] OR ("choice behavior"[MeSH Terms] OR "choice behavior"[All Fields] OR "choice"[All Fields]) OR (choose[All Fields] OR choose[All Fields] OR chooses[All Fields] OR choosing[All Fields]) OR preference[All Fields] OR discipline[All Fields]) AND (("physicians, family"[MeSH Terms] OR "family physicians"[All Fields] OR "family physician"[All Fields]) OR "primary health care"[MeSH Terms] OR "primary health care"[All Fields] OR "primary care"[All Fields] OR "family practice"[MeSH Terms] OR "family practice"[All Fields] OR "family medicine"[All Fields] OR rural[All Fields] OR ("general practice"[MeSH Terms] OR "general practice"[All Fields] OR "general practitioner"[All Fields]) OR ("internal medicine"[MeSH Terms] OR ("internal"[All Fields] AND "medicine"[All Fields]) OR "internal medicine"[All Fields]) OR (("paediatrics"[All Fields] OR "pediatrics"[MeSH Terms] OR "pediatrics"[All Fields]) OR "pediatrician"[All Fields])) AND (("Social Identification"[Mesh] OR "social stigma"[MeSH Terms] OR ("social"[All Fields] AND "stigma"[All Fields]) OR "social stigma"[All Fields] OR "stigma"[All Fields]) OR ("motivation"[MeSH Terms] OR "motivation"[All Fields]) OR ("personality"[MeSH Terms] OR "personality"[All Fields]) OR status[All Fields] OR class[All Fields] OR reputation[All Fields] OR ("discrimination (psychology)"[MeSH Terms] OR "discrimination"[All Fields]) OR influence[All Fields]) AND (clerkship[All Fields] OR "education, medical"[MeSH Terms] OR "medical education"[All Fields] OR "medical students"[All Fields] OR "medical student"[All Fields] OR "Students, Medical"[Mesh] OR ("schools, medical"[Mesh] OR "medical schools"[All Fields] OR "medical school"[All Fields])) AND English[lang] NOT ("UK"[All Fields] OR British[All Fields] OR Britain[All Fields] OR ("great britain"[MeSH Terms] OR ("great"[All Fields] AND "britain"[All Fields]) OR "great britain"[All Fields]) OR ("great britain"[MeSH Terms] OR ("great"[All Fields] AND "britain"[All Fields]) OR "great britain"[All Fields]) OR ("united"[All Fields] AND "kingdom"[All Fields]) OR "united kingdom"[All Fields]) OR ("england"[MeSH Terms] OR "england"[All Fields])) AND (hasabstract[text])

("united"[All Fields] AND "kingdom"[All Fields]) OR "united kingdom"[All Fields]) OR ("england"[MeSH Terms] OR "england"[All Fields])) AND (hasabstract[text])

Search 3

Academic and curricular factors

Search ("professional identity"[All Fields] OR "professional identification"[All Fields] OR "Career Choice"[MeSH Terms] OR "specialty"[All Fields] OR career[All Fields] OR ("choice behavior"[MeSH Terms] OR "choice behavior"[All Fields] OR "choice"[All Fields]) OR (choose[All Fields] OR choose[All Fields] OR chooses[All Fields] OR choosing[All Fields]) OR preference[All Fields] OR discipline[All Fields]) AND (("physicians, family"[MeSH Terms] OR "family physicians"[All Fields] OR "family physician"[All Fields]) OR "primary health care"[MeSH Terms] OR "primary health care"[All Fields] OR "primary care"[All Fields] OR "family practice"[MeSH Terms] OR "family practice"[All Fields] OR "family medicine"[All Fields] OR rural[All Fields] OR ("general practice"[MeSH Terms] OR "general practice"[All Fields] OR "general practitioner"[All Fields]) OR ("internal medicine"[MeSH Terms] OR ("internal"[All Fields] AND "medicine"[All Fields]) OR "internal medicine"[All Fields]) OR (("paediatrics"[All Fields] OR "pediatrics"[MeSH Terms] OR "pediatrics"[All Fields]) OR "pediatrician"[All Fields])) AND ("mistreatment"[All Fields] OR "idealism"[All Fields] OR "idealistic"[All Fields] OR ("peer group"[MeSH Terms] OR "peer group"[All Fields]) OR "realism"[All Fields] OR "realistic"[All Fields] OR "hidden curriculum"[All Fields] OR ("ethnology"[Subheading] OR "ethnology"[All Fields] OR "culture"[All Fields] OR "culture"[MeSH Terms]) OR ("mentors"[MeSH Terms] OR "mentors"[All Fields] OR "mentor"[All Fields]) AND (clerkship[All Fields] OR "education, medical"[MeSH Terms] OR "medical education"[All Fields] OR "medical students"[All Fields] OR "medical student"[All Fields] OR "Students, Medical"[Mesh] OR ("schools, medical"[Mesh] OR "medical schools"[All Fields] OR "medical school"[All Fields])) AND English[lang]) NOT ("UK"[All Fields] OR British[All Fields] OR Britain[All Fields] OR (("great"[All Fields] AND "britain"[All Fields]) OR "great britain"[All Fields]) OR (("great"[All Fields] AND "britain"[All Fields]) OR "great britain"[All Fields] OR ("united"[All Fields] AND "kingdom"[All Fields]) OR "united kingdom"[All Fields]) OR ("england"[MeSH Terms] OR "england"[All Fields])) AND (hasabstract[text])