Where to find PubMed

https://pubmed.ncbi.nlm.nih.gov/advanced/

How to Build a Search Query

Go to PubMed online https://pubmed.ncbi.nlm.nih.gov/advanced/

The following search tools may help you build your own search terms aligned to the National PA Research Agenda. All you need to do is

    (1) pick a profession (e.g., PA, NP, or both)
    (2) a time frame (e.g., in the past 10 years), and
    (3) a search term and
    (4) enter it in the Query Box.

Part 1: Pick a Profession

PA

("physician assistants "[MeSH Terms])

NP

("nurse practitioners "[MeSH Terms])

Both

(("physician assistants "[MeSH Terms]) OR ("nurse practitioners "[MeSH Terms]))

Part 2: Pick a Time Frame
AND ("last 10 years"[Date - Publication])

Part 3: Pick a Locations

US Only
AND (north america[mesh:noexp] OR united states[mesh]) NOT (africa[mesh] OR asia[mesh] OR australia[mesh] OR canada[mesh] OR europe[mesh] OR south america[mesh])

For all locations
Omit the location parameter.

Part 4: Pick a Set of Search Terms Aligned to National PA Research Agenda

Cost-Effectiveness of PAs
AND (("Costs and Cost Analysis" [Mesh] OR "Efficiency" [Mesh] OR "employment" [mesh]) OR ("cost effective" OR "value"))

Patient Outcomes
AND ("Treatment Outcome" [Mesh] OR "Quality of Health Care"[Mesh])

Access to Care
AND (("Health Services Accessibility" [Mesh]) OR ("Rural Health Services" [Mesh])OR ("access to care" OR "underserved"))

PA Supply and Demand
AND "last 10 years"[Date - Publication]

PA Workforce Composition
AND ("employment" [mesh] OR "characteristic" OR "demographic" OR "composition")

PA Readiness to Practice
AND ("employment" [mesh] OR "Professional Autonomy"[Mesh] OR "readiness to practice" or ("education" and "prepared"))

Understanding PA Roles
AND ("employment" [mesh] OR "physician assistant role")

Healthcare Team Outcomes
AND ("Patient Care Team"[Mesh] AND (("Evidence-Based Practice"[Mesh] OR "Health Services Research"[Mesh]) OR (outcome)))

Healthcare Team Dynamics
AND ("Patient Care Team"[Mesh] AND ("Evidence-Based Practice"[Mesh] OR "Health Services Research"[Mesh] OR "Incivility"[Mesh] OR "Work Engagement"[Mesh] OR "Occupational Stress"[Mesh] "Workplace Violence"[Mesh]) OR ("relationship" or "dynamic" or "interaction"))

Patient Safety
AND (("Patient Safety "[Mesh]) OR ("malpractice"))

PA Doctorates
AND (("Educational Status"[Mesh]) OR ("doctorate" OR "doctoral"))

Clinical Sites and Preceptors
AND (("Preceptorship"[Mesh]) OR ("clinical site" OR "clinical rotation"))

PA Work Settings
AND (("employment" [mesh] OR "Workplace"[Mesh]) OR ("setting"))

PA Career Flexibility
AND ("employment" [mesh] OR "career flexibility" OR "specialty change" OR "Career change")

Expansion of PA Roles
AND ("Leadership"[Mesh] OR "Teaching"[Mesh] OR "Research"[Mesh] OR "Consultants"[Mesh] OR "employment" [mesh] OR ("practice owner" OR "role expansion"))

PA Specialization
AND ("Medicine"[Mesh] or "Primary Health Care"[Mesh])

Impact of Regulation on PA Education
AND (("Legislation" OR "regulation") AND "education")

Defining Quality PA Education
AND ("quality" AND "Education")

Patient Satisfaction
AND ("patient satisfaction" [mesh] OR "consumer behavior" [mesh])

Cost of Education
AND ("Costs and Cost Analysis"[Mesh] AND ("education" or "degree")

Step 5: Put it Together and Search
Two examples of how the search terms will be combined.

PAs and NPs role increasing access to care in the past 10 years
(("physician assistants "[MeSH Terms]) OR ("nurse practitioners "[MeSH Terms])) AND ("last 10 years"[Date - Publication]) AND (north america[mesh:noexp] OR united states[mesh]) NOT (africa[mesh] OR asia[mesh] OR australia[mesh] OR canada[mesh] OR europe[mesh] OR south america[mesh]) AND (("Health Services Accessibility" [Mesh]) OR ("Rural Health Services" [Mesh])OR ("access to care" OR "underserved"))
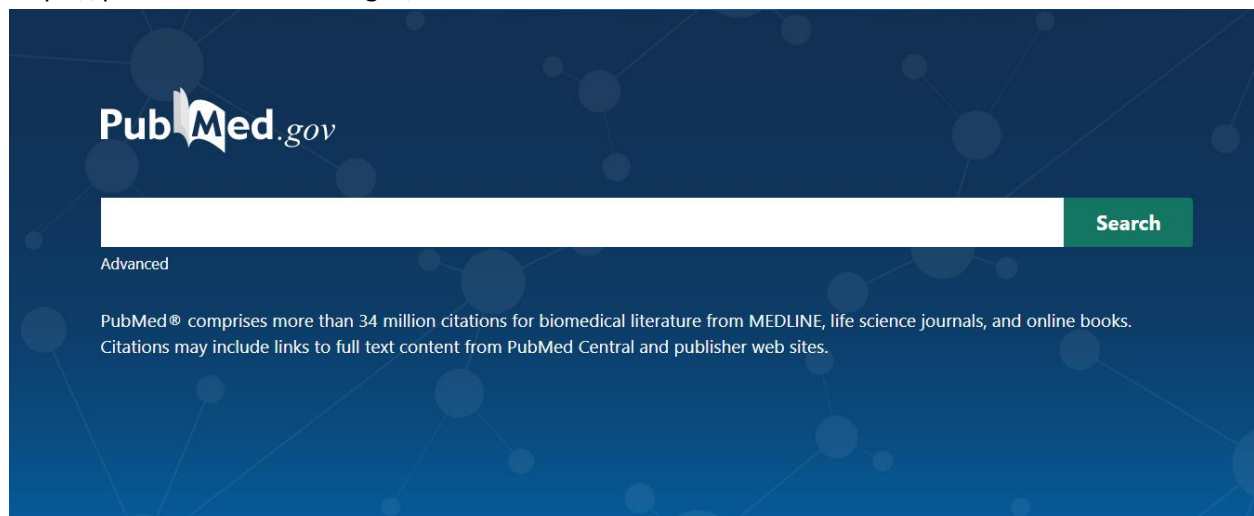
Patient satisfaction with PAs in the past 5 years

("physician assistants "[MeSH Terms]) AND ("last 5 years"[Date - Publication]) AND (north america[mesh:noexp] OR united states[mesh]) NOT (africa[mesh] OR asia[mesh] OR australia[mesh] OR canada[mesh] OR europe[mesh] OR south america[mesh]) AND ("patient satisfaction" [mesh] OR "consumer behavior" [mesh])

Using MeSH to Build Additional Search Terms

MeSH stands for Medical Subject Headings. They are the specific terms used for indexing journal articles within PubMed.

On the main PubMed Page, select "Explore MeSH Database"
https://pubmed.ncbi.nlm.nih.gov/

You will get to the MeSH search tool

Searching "Dermatology" will bring up all of the search builder topics. You can select one or more subheadings or select none. Then click add to search builder on the right hand side. This will give you a search term to add at Step 3 above.

Selecting no subheadings

MeSH

MeSH ▼ | dermatology ⊗ | Search

Create alert Limits Advanced

Help

Full ▼

Send to: ▼

Dermatology

A medical specialty concerned with the skin, its structure, functions, diseases, and treatment.

PubMed search builder options
Subheadings:

☐ analysis
☐ anatomy and histology
☐ blood
☐ classification
☐ complications
☐ diagnosis

☐ etiology
☐ genetics
☐ history
☐ immunology
☐ instrumentation
☐ legislation and

☐ physiology
☐ prevention and control
☐ psychology
☐ radiotherapy
☐ standards
☐ statistics and numerical

PubMed Search Builder

"Dermatology"[Mesh]

Add to search builder | AND ▼
Search PubMed

You Tube Tutorial

Related information

PubMed

PubMed - Major Topic

Select a few

Full ▼

Send to: ▼

Dermatology

A medical specialty concerned with the skin, its structure, functions, diseases, and treatment.

PubMed search builder options
Subheadings:

☐ analysis
☐ anatomy and histology
☐ blood
☐ classification
☐ complications
☐ diagnosis
☐ diagnostic imaging
☐ drug effects
☐ economics
☑ education
☐ epidemiology
☐ ethics

☐ etiology
☐ genetics
☐ history
☐ immunology
☐ instrumentation
☐ legislation and jurisprudence
☐ metabolism
☐ methods
☐ microbiology
☐ nursing
☐ organization and administration
☐ pathology

☐ physiology
☐ prevention and control
☐ psychology
☐ radiotherapy
☐ standards
☐ statistics and numerical data
☑ supply and distribution
☐ surgery
☐ therapy
☑ trends
☐ veterinary
☐ virology

PubMed Search Builder

("Dermatology/education"[Mesh] OR "Dermatology/supply and distribution"[Mesh] OR "Dermatology/trends"[Mesh])

Add to search builder | AND ▼
Search PubMed

You Tube Tutorial

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

dbGaP Links

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