

# PubMed (Medline)

Questions?? Ask your Librarian!! Beth Transue

[btransue@messiah.edu](mailto:btransue@messiah.edu) - AIM: boolibmessiah - Facebook - x3810

**What is PubMed/Medline?** A database provided by the National Library of Medicine that provides bibliographic information for the medical literature. There are very few differences between PubMed and Medline; they are essentially the same database.

**How to access PubMed/Medline:** We can access PubMed/Medline **two** ways:

1. Access Medline through EBSCO – Go to Messiah Library website, Select Databases, Select Medline from alphabetical list. Medline is available to Messiah students, faculty and staff. This database provides easy access to the articles which are available full-text, but the searching features are not as advanced as PubMed..
2. Access PubMed through the Internet: Go to Messiah Library website, Select Databases, Select PubMed. PubMed is FREE to the public. Therefore, access to full-text journal articles through this database is limited. However, the searching features are more advanced than Medline. **Look for the Messiah icon on PubMed records to see full-text articles through our database connections.**

Basic Search	Medline	PubMed
Searching keywords	Type keyword, Search	Type keyword, Search
Searching within specified fields	<ul style="list-style-type: none"><li>• Type keyword</li><li>• Select field from list</li><li>• Search</li></ul>	<ul style="list-style-type: none"><li>• Determine field name tag (listed in Help section)</li><li>• Type keyword and then field name tag in brackets</li></ul>
Truncation	Add * to word	Add * to word
Limits	<ul style="list-style-type: none"><li>• Select Refine Search:<ul style="list-style-type: none"><li>○ Full text documents</li><li>○ Years/Dates</li><li>○ Language</li><li>○ Review articles</li><li>○ Gender, Age</li><li>○ Subject subset</li><li>○ Publication type</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Select Limits link:<ul style="list-style-type: none"><li>○ Full free text articles</li><li>○ Years/Dates</li><li>○ Language</li><li>○ Review articles</li><li>○ Gender, Age</li><li>○ Subject subset</li><li>○ Publication type</li></ul></li></ul>

<b>Advanced Search</b>	<b>Medline</b>	<b>PubMed</b>
<p><b>Map</b> to subject heading (aka <b>mapping</b>)</p> <p><i>PubMed will “guess” what subject word you mean when you type in a keyword. This is sometimes helpful, and sometimes not helpful. If not helpful, edit the words that are “guessed”.</i></p>	<ul style="list-style-type: none"> <li>• Not available</li> </ul>	<ul style="list-style-type: none"> <li>• Type keyword in search box, Search</li> <li>• Review Search Details box to see what was actually searched</li> <li>• Edit as appropriate within the box and run search again.</li> </ul>
<p><b>Search Subject Heading (MeSH)</b></p> <p><i>Subject headings are controlled vocabulary words, assigned by experts. Using these subject words will give you better results than just regular keywords.</i></p>	<ul style="list-style-type: none"> <li>• Select MeSH link at top</li> <li>• Search for subject term</li> </ul>	<ul style="list-style-type: none"> <li>• Select MeSH Database link from bottom menu</li> <li>• Search for subject term</li> <li>• Add to search box with drop down list <i>(If MESH is not a link at the bottom, go back to the PubMed homepage)</i></li> </ul>
<p>Search for subject as the <b>Major Concept</b> of the article</p>	<ul style="list-style-type: none"> <li>• Search MeSH for subject</li> <li>• Select Major Concept checkbox</li> <li>• Add to search box and run search</li> </ul>	<ul style="list-style-type: none"> <li>• Search MeSH for subject</li> <li>• Select Major Topics only checkbox</li> <li>• Send to search box using drop down list</li> </ul>
<p>Search for <b>subheadings</b></p>	<ul style="list-style-type: none"> <li>• Search MeSH for subject</li> <li>• Select subheadings</li> <li>• Add to search box and run search</li> </ul>	<ul style="list-style-type: none"> <li>• Search MeSH for subject</li> <li>• Select subheadings</li> <li>• Send to search box using drop down list</li> </ul>
<p><b>Explode</b> subject: Search for subject term and also search for subject terms that are narrower in hierarchical scope in MeSH tree</p>	<ul style="list-style-type: none"> <li>• Default is not to explode term</li> <li>• Search MeSH for subject</li> <li>• Select Explode checkbox</li> <li>• Add to search box and run search</li> </ul>	<ul style="list-style-type: none"> <li>• Default is to explode term.</li> <li>• Search MESH</li> <li>• Turn explode default off by checking Do Not Explode checkbox in MeSH entry</li> <li>• Check subject’s checkbox</li> <li>• Send to search box using drop down list</li> </ul>

<b>Navigation</b>	<b>Medline</b>	<b>PubMed</b>
Display records	<ul style="list-style-type: none"> <li>• Select title</li> <li>• Open pdf if available</li> </ul>	<ul style="list-style-type: none"> <li>• Select title</li> <li>• Review abstract and MeSH</li> </ul>
Availability	<ul style="list-style-type: none"> <li>• Open pdf if available</li> <li>• Check Periodicals List (library homepage) to determine if article is in another database or in print collection</li> <li>• Request through Interlibrary Loan link if not available</li> </ul>	<ul style="list-style-type: none"> <li>• Link to full free text if available</li> <li>• Link to <b>Messiah icon</b> for full text.</li> <li>• Check Periodicals List (library homepage) to determine if available online or in print</li> <li>• Request through Interlibrary Loan if not available</li> </ul>
<b>Save results</b>	<ul style="list-style-type: none"> <li>• Add record to folder</li> <li>• Go to folder</li> <li>• Save to file</li> </ul>	<ul style="list-style-type: none"> <li>• Select record</li> <li>• Send to clipboard OR</li> <li>• Send to file</li> </ul>
<b>Refworks export</b>	<ul style="list-style-type: none"> <li>• Add record to folder</li> <li>• Go to folder</li> <li>• Save</li> <li>• Choose Bibliographic Manager tab</li> <li>• Direct export to Refworks</li> </ul>	<p>First turn on Refworks PubMed Link:</p> <ul style="list-style-type: none"> <li>• In Refworks, Select Tools, Customize. Then in the Refworks Links section, Select “Yes” for PubMed Links</li> </ul> <p>Follow the Refworks Guide for instructions about how to export references from PubMed to Refworks.</p> <p>NOTE: The “View in PubMed” link will take you to the actual record in PubMed.</p>
<b>Email results</b>	<ul style="list-style-type: none"> <li>• Add record to folder</li> <li>• Go to folder</li> <li>• Email</li> </ul>	<ul style="list-style-type: none"> <li>• Select record</li> <li>• Send to Email</li> </ul>
<b>Print results</b>	<ul style="list-style-type: none"> <li>• Print from browser OR</li> <li>• Add record to folder</li> <li>• Go to folder</li> <li>• Print, Choose citation style</li> </ul>	<ul style="list-style-type: none"> <li>• Print through browser button</li> </ul>

## PUBMED Search

PubMed.gov  
U.S. National Library of Medicine  
National Institutes of Health

Search: PubMed Limits Advanced search Help

Search Clear

**Welcome to PubMed**  
PubMed comprises more than 19 million citations for biomedical articles from MEDLINE and life science journals. Citations may include links to full-text articles from PubMed Central or publisher web sites.

**Using PubMed**  
PubMed Quick Start  
New and Noteworthy  
PubMed Tutorials  
Full Text Articles  
PubMed FAQs

**PubMed Tools**  
Single Citation Matcher  
Batch Citation Matcher  
Clinical Queries  
Topic-Specific Queries  
Clipboard (14)

**More Resources**  
MeSH Database  
Journals Database  
Clinical Trials  
E-Utilities  
LinkOut

PubMed.gov  
U.S. National Library of Medicine  
National Institutes of Health

Search: PubMed RSS Save search Advanced search Help

deafness AND genetics Search Clear

Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Limits Activated: English

Results: 1 to 20 of 4942 << First < Prev Page 1 Next > Last >>

Novel human pathological mutations. Gene symbol: SLC26A4. Disease: Deafness, non-syndromic, autosomal recessive.  
1. Alasti F, Peeters N, Wuyts W, Sanati MH, Van Camp G.  
Hum Genet. 2010 Jan;127(1):116. No abstract available.  
PMID: 20108392 [PubMed - in process]  
[Related articles](#)

Mitochondrial 12S rRNA variants in 1642 Han Chinese pediatric subjects with aminoglycoside-induced and nonsyndromic hearing loss.  
2.

Filter your results:  
All (4942)  
[Review \(618\)](#)  
[Free Full Text \(4196\)](#)  
[Messiah College \(3079\)](#)

## MESH:

### 1: Deafness

A general term for the complete loss of the ability to hear from both ears.

Year introduced: DEAF-MUTISM was heading 1963-1979

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules allowable combinations.

- blood  cerebrospinal fluid  chemically induced  classification  complications  congenital  diagnosis  c  
 economics  education  embryology  enzymology  epidemiology  ethnology  etiology  genetics  his  
 immunology  legislation and jurisprudence  metabolism  microbiology  mortality  nursing  pathology   
 physiopathology  prevention and control  psychology  radiography  radionuclide imaging  radiotherapy  
 rehabilitation  surgery  therapy  ultrasonography  urine  veterinary  virology

Restrict Search to Major Topic headings only

Do Not Explode this term (i.e., do not include MeSH terms found below this term in the MeSH tree).

Entry Terms:

- Bilateral Deafness
- Deafness, Bilateral
- Hearing Loss, Complete