

Cleveland Health Sciences Library/CWRU

Cleveland Health Sciences Library

- Two Locations:

- [Health Center Library](#)
- [Allen Memorial Medical Library](#)

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Health Center Library



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Allen Memorial Medical Library



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What do you need to begin?

- Topic
- Access to information

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Access to Information

- Computer
- Internet connection
 - Hardwired
 - Wireless
 - VPN
- Web Browser

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Web Browser

- An interactive program (client) that requests, retrieves, and displays pages from the World Wide Web.
 - Access Science, McGraw-Hill Encyclopedia of Science and Technology Online [database on the internet]. The McGraw-Hill Companies [cited 9 January 2006]. Available from <http://www.accessscience.com/server-java/Arknoid/science/AS>

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Browsing the web

- Search engines
 - Federated searches
 - [OhioLINK - Quick Search](#)
- Catalogs
- Databases

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Search Engine

- Any software that locates and retrieves information in a database.
 - Access Science, McGraw-Hill Encyclopedia of Science and Technology Online [database on the internet]. The McGraw-Hill Companies [cited 9 January 2006]. Available from <http://www.accessscience.com/server-java/Arknoid/science/AS>

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Federated Search

- QuickSearch is the easiest way to search for information in a pre-defined set of databases.

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Catalog

- A list of items in a data storage device, usually arranged so that a particular kind of information can be located easily.
 - Access Science, McGraw-Hill Encyclopedia of Science and Technology Online [database on the internet]. The McGraw-Hill Companies [cited 9 January 2006]. Available from <http://www.accessscience.com/server-java/Arknoid/science/AS>

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Database

- A nonredundant collection of interrelated data items that can be shared and used by several different subsystems.
 - Access Science, McGraw-Hill Encyclopedia of Science and Technology Online [database on the internet]. The McGraw-Hill Companies [cited 9 January 2006]. Available from <http://www.accessscience.com/server-java/Arknoid/science/AS>
- More on this later!

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Where do you begin?

- Define your topic
 - Use a dictionary or a textbook
- Find in-depth information from books
- Find current information from journal articles
- Look for other information

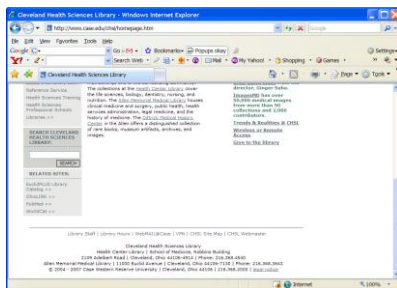
Cleveland Health Sciences Library/CWRU

Start at [CHSL's](#) home page



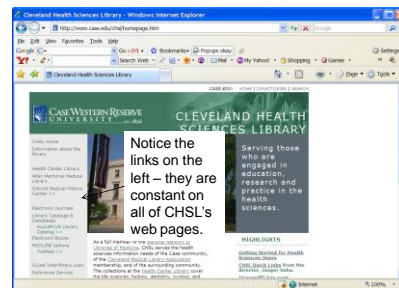
Cleveland Health Sciences Library/CWRU

More of [CHSL's](#) home page



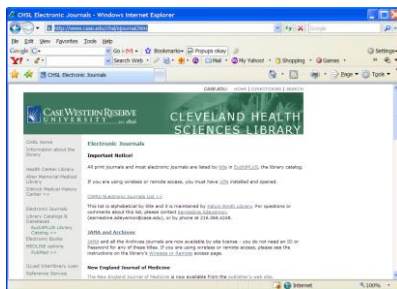
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CHSL's links



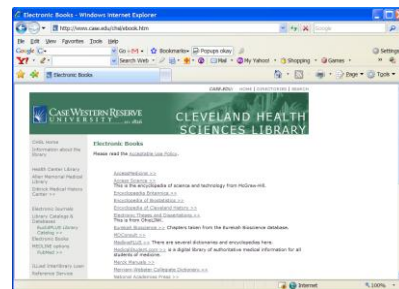
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[CHSL Electronic Journals](#)



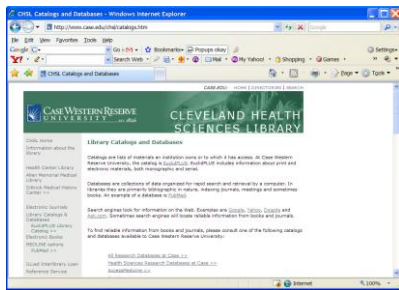
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[Electronic Books](#)



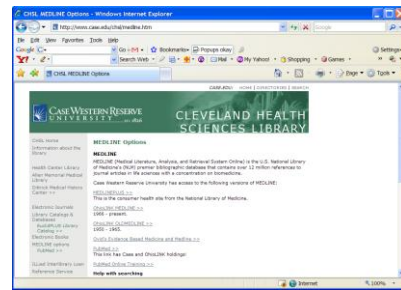
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CHSL Catalogs and Databases



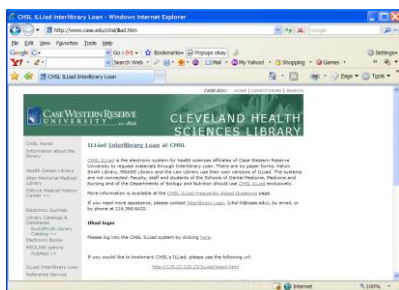
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CHSL MEDLINE Options



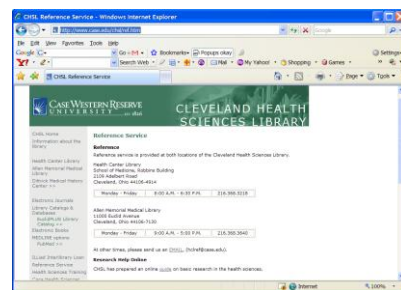
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CHSL ILLiad Interlibrary Loan



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CHSL Reference Service



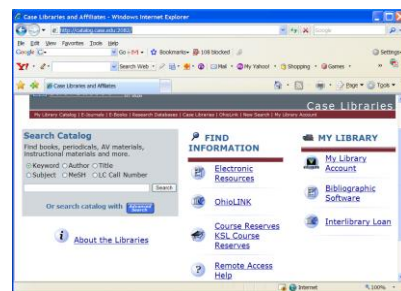
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How do you find a dictionary?

- Look in a catalog
 - At CWRU, the catalog is [EuclidPLUS](http://catalog.case.edu/)
 - (<http://catalog.case.edu/>)
- Look in an online resource
 - CHSL has links to [Electronic Books](http://www.case.edu/chsl/ebook.htm)
 - (<http://www.case.edu/chsl/ebook.htm>)
- Buy a dictionary

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EuclidPLUS



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Medical Dictionary

Record: Free Next

Author Steadman, Thomas Lathrop, 1853-1938
 Title **Stedman's medical dictionary**
 Imprint Philadelphia : Lippincott Williams & Wilkins, c2006
 Edition 28th ed

Click on the following to:
 connect to Table of contents
 connect to Publisher description

LOCATION	CALL NO.	STATUS
Allen Reference	W 13.AA1.G213a28.2006	IN PROCESS
Allen Reserve	W 13.AA1.G213a28.2006	CD-ROM IN PROCESS
HCL Stacks	W 13.AA1.G213a28.2006	IN PROCESS
HCL Reserve	W 13.AA1.G213a28.2006	CD-ROM IN PROCESS

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Electronic Books

Electronic Books

Please visit the [Electronic Books](http://www.case.edu/cwru/ebooks.htm) page for more information.

- Electronic Books
- Electronic Journals
- Electronic Reference
- Electronic Databases
- Electronic Full Text
- Electronic Streaming Video
- Electronic Streaming Audio
- Electronic Streaming Images
- Electronic Streaming Music

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Medical Dictionary at MedlinePlus

Medical Dictionary

Type the word that you would like to find. If you're not sure of the spelling, type the first few letters, followed by an asterisk (*).

Enter search term: [History](#)

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How do you find a textbook?

- Look in a catalog
 - At CWRU, the catalog is [EuclidPLUS](http://catalog.case.edu) (<http://catalog.case.edu>)
- Look in an online resource
 - CHSL has links to [Electronic Books](http://www.case.edu/chsl/ebook.htm) (<http://www.case.edu/chsl/ebook.htm>)
- Buy a textbook

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EuclidPLUS Record

Result page: 1-10000

Author Drake, Richard L., Ph.D
 Title **Gray's anatomy for students / Richard L. Drake, Wayne Vogl, Adam W.J. Mitchell ; illustrations by Richard Tibbitts and Paul Richardson**
 Imprint Philadelphia : Elsevier/Churchill Livingstone, c2005

LOCATION	CALL NO.	STATUS
HCL Reserve	QS.4.D762g.2005	CHECK SHELVES
HCL Reserve	QS.4.D762g.2005 c.2	CHECK SHELVES
HCL Reserve	QS.4.D762g.2005 c.3	CHECK SHELVES
HCL Reserve	QS.4.D762g.2005 c.4	CHECK SHELVES

Description: xxv, 1058 p. : ill. (chiefly col.) ; 28 cm
 Includes index

Notes: Anatomy and imaging -- What is anatomy? -- How can gross anatomy be studied? -- Important anatomical terms -- Imaging -- Diagnostic imaging

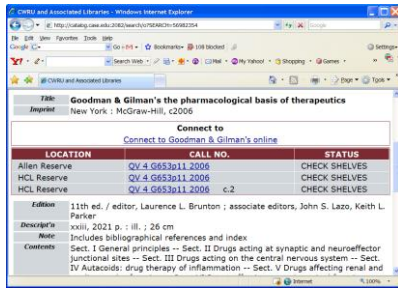
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How do you find other books?

- Look in a catalog
 - At CWRU, the catalog is [EuclidPLUS](http://catalog.case.edu) (<http://catalog.case.edu>)
- Look in an online resource
 - CHSL has links to [Electronic Books](http://www.case.edu/chsl/ebook.htm) (<http://www.case.edu/chsl/ebook.htm>)
- Buy some books

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Book with access to electronic version



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Electronic Book



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Books!

- Not every book is electronically available!
- There will be times when you will actually be compelled to read a book – not necessarily cover-to-cover, but enough to find the information you need.

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Journal Information

- Journals or Serials or Periodicals or Magazines publish current information on a regular basis.
- Sometimes these publications are print.
- Sometimes these publications are electronic.
- Sometimes these publications are both electronic and print.

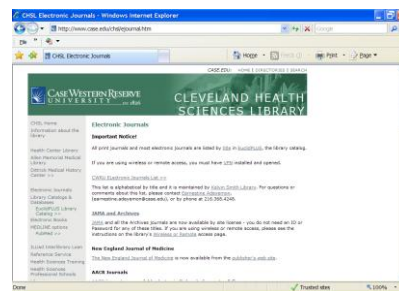
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Journals

- Not every journal is available electronically.
- CWRU does not have access to every journal that is available electronically.
- CHSL has links to [Electronic Journals](http://www.case.edu/chsl/ejournal.htm). – (<http://www.case.edu/chsl/ejournal.htm>)

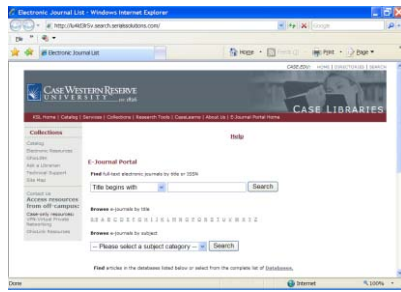
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Electronic Journals



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CWRU's E-Journal Portal



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How do you find current articles?

- Most peer-reviewed journals are indexed by databases.

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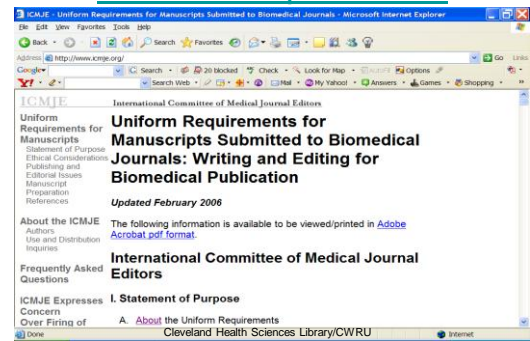
What is a peer-reviewed journal?

- “A peer-reviewed journal is one that submits most of its published research articles for outside review.”
- This quote is from the

[ICMJE - Uniform Requirements for Manuscripts Submitted to Biomedical Journals](http://www.icmjje.org/) (<http://www.icmjje.org/>)

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Uniform Requirements



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What is a database?

- Databases are collections of data organized for rapid search and retrieval by a computer. In libraries they are primarily bibliographic in nature, indexing journals, meetings and sometimes books. An example of a database is [PubMed](http://www.ncbi.nlm.nih.gov/sites/entrez?holding=cwruclib_ff_tn_ohiolinklib&otool=ohiolink).
- http://www.ncbi.nlm.nih.gov/sites/entrez?holding=cwruclib_ff_tn_ohiolinklib&otool=ohiolink

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PubMed



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Searching the literature

- CHSL provides some links to [Library Catalogs and Databases](http://www.case.edu/chsl/catalogs.htm).
– (<http://www.case.edu/chsl/catalogs.htm>)

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Library Catalogs and Databases



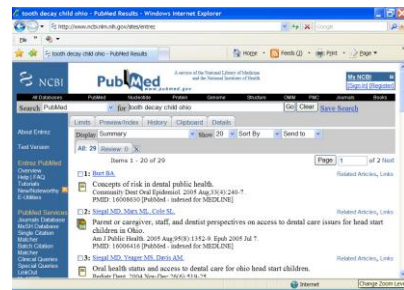
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PubMed

- is the NLM's premier bibliographic database covering the fields of medicine, nursing, dentistry, veterinary medicine, the health care system, and the preclinical sciences. MEDLINE contains bibliographic citations and author abstracts from more than 4,800 biomedical journals published in the United States and 70 other countries. The database contains over 17 million citations dating back to the 1950's. Coverage is worldwide, but most records are from English-language sources or have English abstracts.

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PubMed Keyword Search



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MeSH

- **Search Box:** The MeSH database provides a Search Box that can be used to build a PubMed search. From any display format:
- Click the MeSH term check box, including specifications if using the Full display, e.g., Subheadings.
- Use the Send to menu to select one of the following:
 - Search Box with AND
 - Search Box with OR
 - Search Box with NOT
- To add additional terms to this strategy, continue searching the database and add terms to the Search Box using the Send to Search Box feature.
- When you have completed your search click Search PubMed.

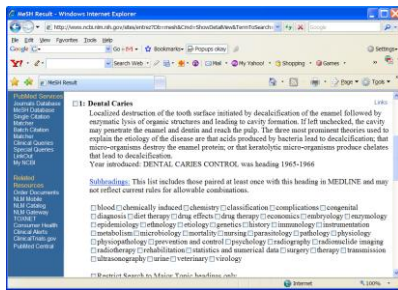
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MeSH



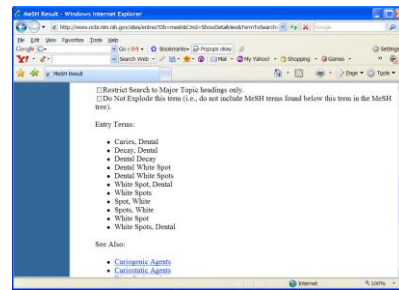
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MeSH Entry for [Dental Caries](#)



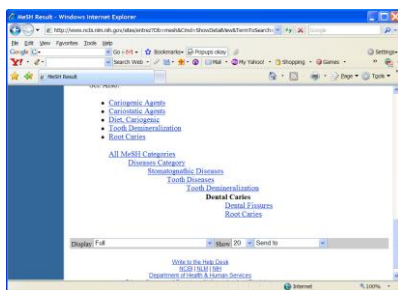
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More Mesh



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Even more MeSH



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MeSH - Checking the boxes

- At the very minimum, you must check the box to the left of the name of the subject heading:

1: Dental Caries
 Localized destruction of the tooth
 enzymatic lysis of organic struct
 may penetrate the enamel and de
 explain the etiology of the diseas
 micro-organisms destroy the ena
 that lead to decalcification.
 Year introduced: DENTAL CAE

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Subheadings

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

blood chemically induced chemistry classification complications congenital
 diagnosis diet therapy drug effects drug therapy economics embryology enzymology
 epidemiology ethnology etiology genetics history immunology instrumentation
 metabolism microbiology mortality nursing parasitology pathology physiology
 physiopathology prevention and control psychology radiography radionuclide imaging
 radiotherapy rehabilitation statistics and numerical data surgery therapy transmission
 ultrasonography urine veterinary virology

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More subheadings

- If you choose no subheadings, you get all subheadings
- You may also choose as many as you wish
- MeSH [Subheadings](#) are used with MeSH terms to help describe more completely a particular aspect of a subject.

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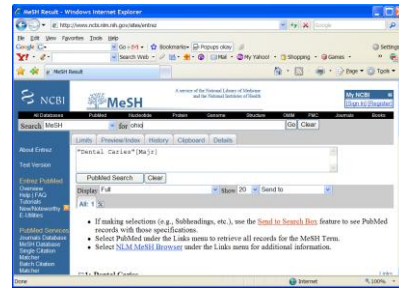
Major MeSH

- 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).

A MeSH term that is one of the main topics discussed in the article denoted by an asterisk on the MeSH term or MeSH/Subheading combination.

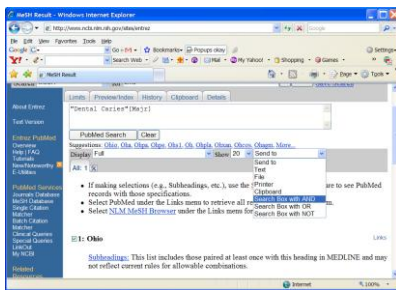
Cleveland Health Sciences Library/CWRU

Using Mesh to Build a Search



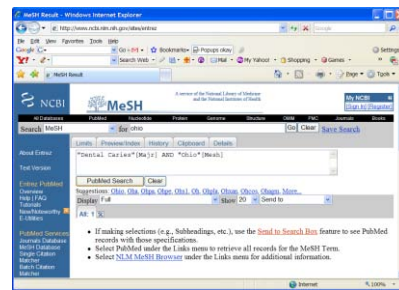
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Building the Search



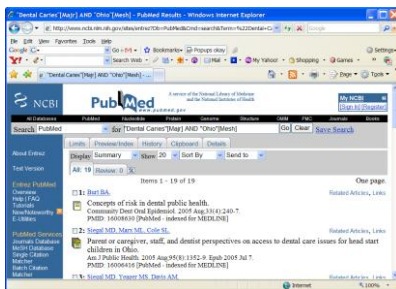
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Ready to click on PubMedSearch



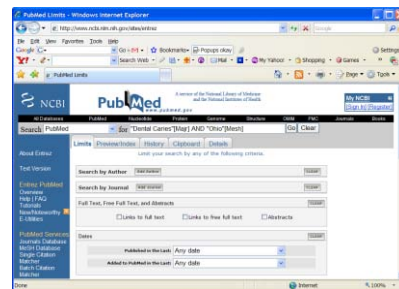
Cleveland Health Sciences Library/CWRU

Results



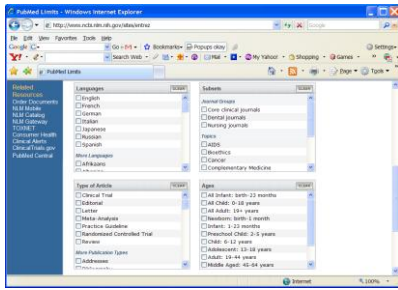
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Limits



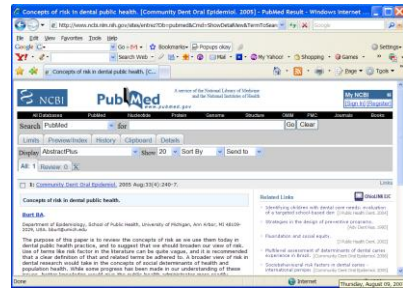
Cleveland Health Sciences Library/CWRU

More Limits

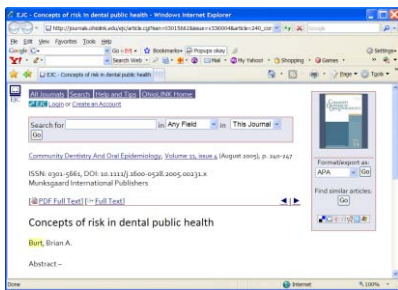


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One of the results

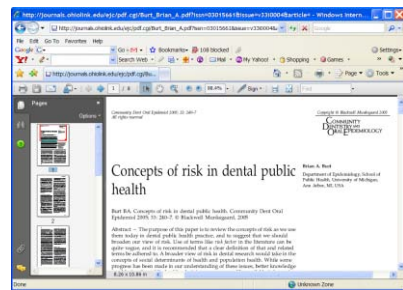


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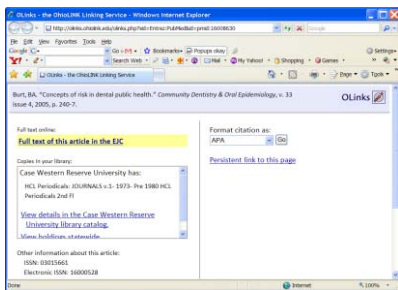


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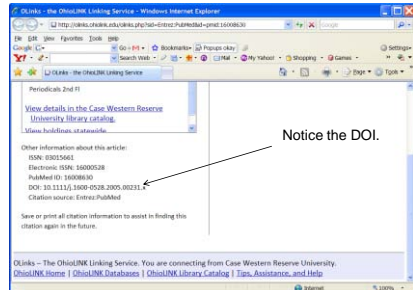
The Full Text



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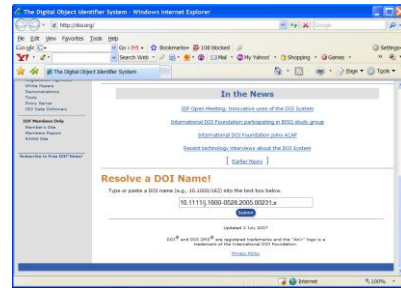
Cleveland Health Sciences Library/CWRU

DOI Resolver



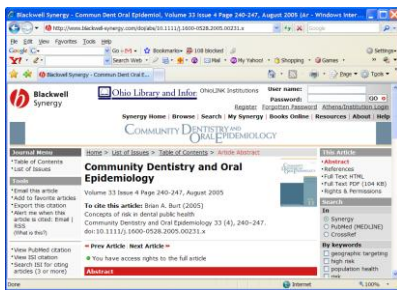
Cleveland Health Sciences Library/CWRU

Copy & Paste the DOI



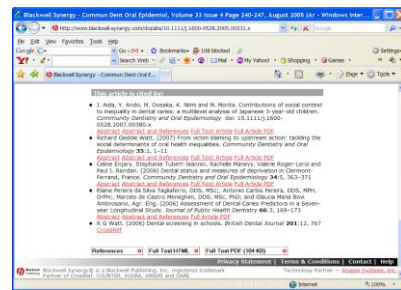
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DOI results



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More DOI results



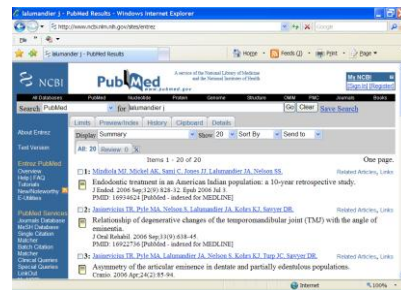
Cleveland Health Sciences Library/CWRU

Related Links from PubMed



Cleveland Health Sciences Library/CWRU

PubMed Author Search



Cleveland Health Sciences Library/CWRU

PubMed AbstractPlus Display



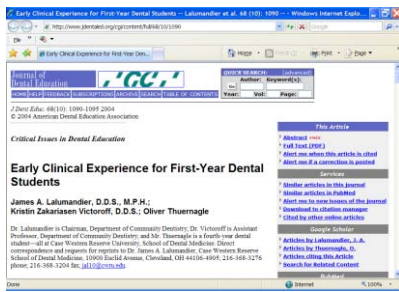
Cleveland Health Sciences Library/CWRU

More AbstractPlus Display



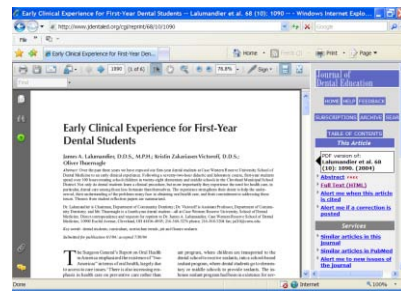
Cleveland Health Sciences Library/CWRU

CWRU Hotlink



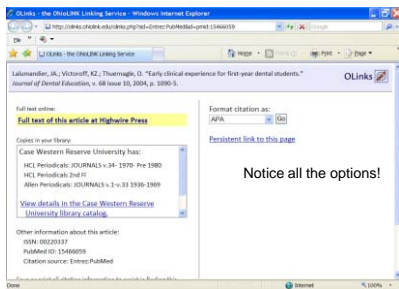
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Full Text Availability



Cleveland Health Sciences Library/CWRU

Find It! With OLINKs



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OLINKS – Format Citation



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Results in PubMed

The screenshot shows a search results page with four entries. The first entry is highlighted with a yellow background and includes a 'Citation' box with the following text: 'Cystic fibrosis, gene therapy, and lung inflammation: for better or worse? Am J Physiol Lung Cell Mol Physiol. 2004 Apr;286(4):L715-6. Review. No abstract available. PMID: 15039353 [PubMed - indexed for MEDLINE]'. Below the entries, there are fields for 'Journal title abbreviation', 'Date of publication', 'Volume and issue number', 'Page number', and 'Article title'.

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Free in PMC article

The screenshot shows a PubMed article page for 'Parent or caregiver, staff, and dentist perspectives on access to dental care issues for head start children in Ohio'. A yellow callout box with the text 'This article is available free in PMC.' is overlaid on the article's abstract. The abstract text is partially visible: 'Parent or caregiver, staff, and dentist perspectives on access to dental care issues for head start children in Ohio. Am J Public Health 2005 Aug 95(8): 1172-6. Epub 2004 Jul 7. PMID: 16068916 [PubMed - indexed for MEDLINE]'. The article title is 'Parent or caregiver, staff, and dentist perspectives on access to dental care issues for head start children in Ohio'.

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PubMed Central (PMC)

The screenshot shows the full article page on PubMed Central. The article title is 'Parent or Caregiver, Staff, and Dentist Perspectives on Access to Dental Care Issues for Head Start Children in Ohio'. The authors listed are Mark D. Siegal, DDS, MPH, Mary L. Marx, MA, and Shannon L. Cole, RDH, BS. The article was published in the American Journal of Public Health in August 2005. The abstract is visible at the top of the page.

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More HTML from PMC

The screenshot shows the 'METHODS' section of the article. The text describes the study design: 'We describe the findings of a series of 5 surveys designed to test the logic model's assumptions and to better understand parental, Head Start staff, and dental care provider perspectives on the multifaceted problems of access to dental care for Head Start children. Two of the surveys have been described in greater detail elsewhere.^{1,2} In addition, we analyzed anecdotal addresses to supplement information taken from the surveys.' The 'RESULTS' section is partially visible below.

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Figure from PMC

The screenshot shows a figure from the article. The figure is a flowchart or diagram with several boxes and arrows, illustrating the logic model and the relationships between different components of the study. The text 'Click on image to enlarge' is visible at the top of the figure area.

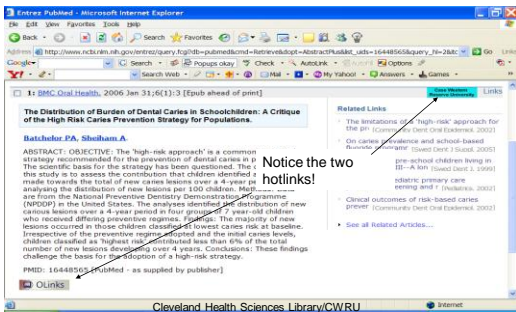
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References in PMC

The screenshot shows the 'References' section of the article. There are four references listed: 1. US Department of Health and Human Services. Administration for Children and Families. Head Start Bureau Web site. About Head Start. Available at: http://www2.ed.gov/pubs/head_start/brochure/brochure.pdf. Accessed June 3, 2005. 2. National Academic Research Administration. Chapter 101. Office of Bureau development services. Department of Health and Human Services. June 1993. Eligible, noneligible, children, resident and attendance in Head Start (included as HCFR 13MFS). Child Welfare/Pediatric Population. Available at: http://www2.ed.gov/pubs/head_start/brochure/brochure.pdf. Accessed May 10, 2005. 3. Browne R. Head Start and Partners Focus on Oral Health. *Head Start Alert*. 2001;7(1):1-43. 4. US Department of Health and Human Services. Administration for Children and Families. Head Start Bureau Web page. Head Start Program Performance Standards and Other Regulations. Available at: http://www2.ed.gov/pubs/head_start/brochure/brochure.pdf. Accessed June 3, 2005.

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AbstractPlus Display



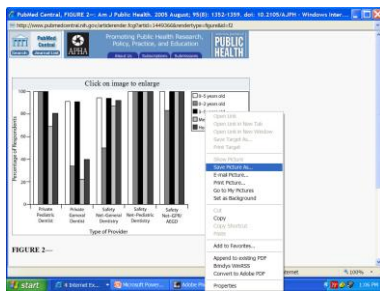
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Using pictures

- From the toolbar in an application, PowerPoint, Word, you may INSERT a picture from a file

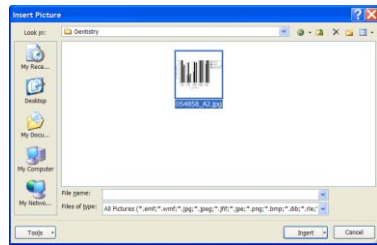
Cleveland Health Sciences Library/CWRU

Saving a figure



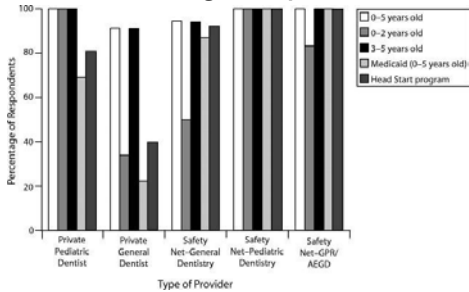
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Using pictures



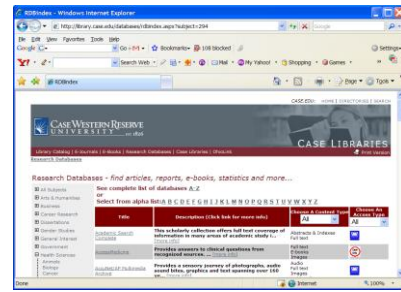
Cleveland Health Sciences Library/CWRU

Inserting the picture



Cleveland Health Sciences Library/CWRU

Other Databases – Health Sciences at Case



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NEO CANDO



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About NEO CANDO

- NEO CANDO, Northeast Ohio Community and Neighborhood Data for Organizing, is a free and publicly accessible social and economic data system of the Center on Urban Poverty and Social Change, a research institute housed at Case Western Reserve University's Mandel School of Applied Social Sciences. NEO CANDO allows users to access data for the entire 17 county Northeast Ohio region, or for specific neighborhoods within Cleveland.

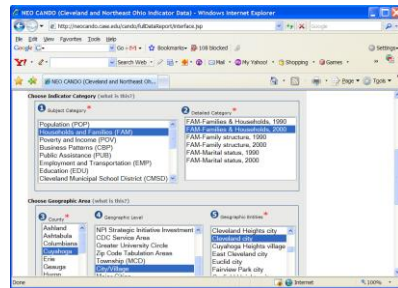
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Social & Economic Data from NEO CANDO



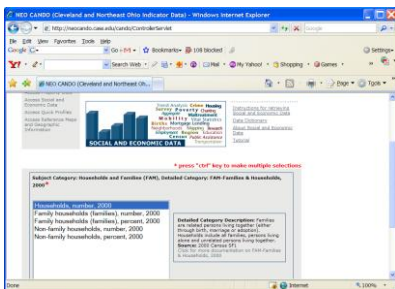
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Households and Families



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More Households and Families



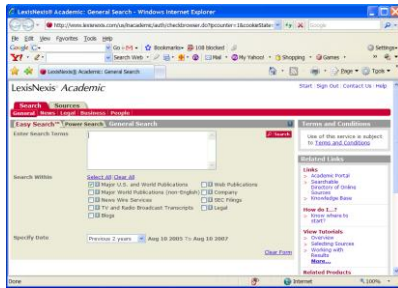
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NEO CANDO Report



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LexisNexis Academic



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CDC Wonder <http://wonder.cdc.gov/>



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Find Other Information

- [MedlinePlus Health Information from the National Library of Medicine](http://www.nlm.nih.gov/medlineplus/)
– (<http://www.nlm.nih.gov/medlineplus/>)
- [Centers for Disease Control and Prevention](http://www.cdc.gov/) (<http://www.cdc.gov/>)
- [Cleveland Department of Public Health](http://www.clevelandhealth.org/)
– (<http://www.clevelandhealth.org/>)

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MedlinePlus



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Centers for Disease Control



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City of Cleveland - Department of Public Health



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More Information...

- [Ohio Department of Health](http://www.odh.ohio.gov/)
- [World Health Organization](http://www.who.int/en/)
- [Faststats A to Z](http://www.cdc.gov/nchs/fastats/Default.htm)
- [American Dental Association](http://www.ada.org)

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Ohio Department of Health



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World Health Organization



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Faststats A to Z



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American Dental Association



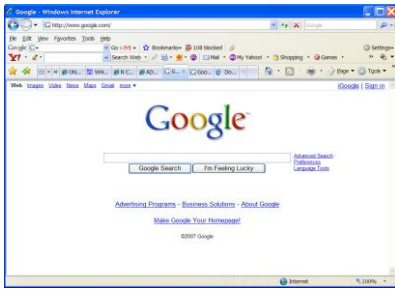
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Using a Search Engine

- [Google](http://www.google.com/)
- [Google Scholar](http://scholar.google.com/)
- [Dogpile](http://www.dogpile.com/)
- [Scirus](http://www.scirus.com/)

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Google



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Google Scholar



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Dogpile



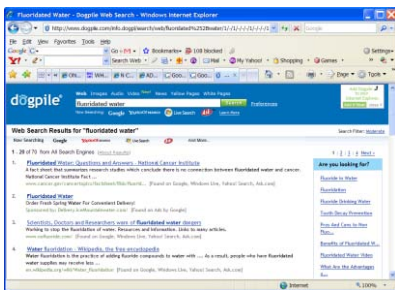
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Scirus



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Dogpile Search



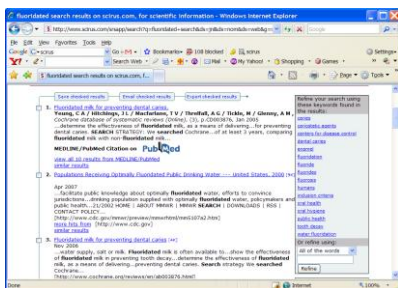
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Scirus Search



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More Scirus Search



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Pulling Everything together

- It is best to read what you have found
- Try to summarize
- Try to paraphrase
- Provide appropriate bibliographic citations
- Evaluate web pages carefully before including them in your research

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Pulling everything together

- Word Processor
- Perhaps a program for bibliographic management software
 - Reference Manager (<http://www.refman.com/>)
 - EndNote (<http://www.endnote.com/>)
 - ProCite (<http://www.procite.com/>)
 - RefWorks (available on campus - <http://library.case.edu/ksl/info/news/20050221refworks.html>)
 - OhioLINK (<http://www.ohiolink.edu/help/cite-sources.html>)
- Style Manual

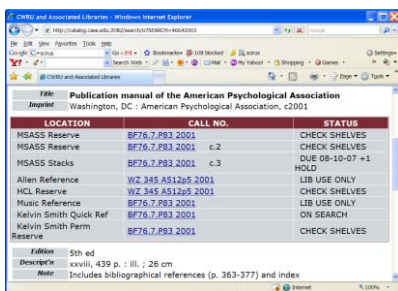
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Style Manual

- [Publication manual of the American Psychological Association](http://catalog.case.edu/search/o?SEARCH=46642003) (<http://catalog.case.edu/search/o?SEARCH=46642003>)
- [Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication](http://www.icmje.org/) (<http://www.icmje.org/>)

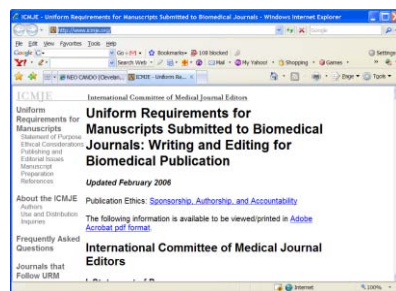
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APA



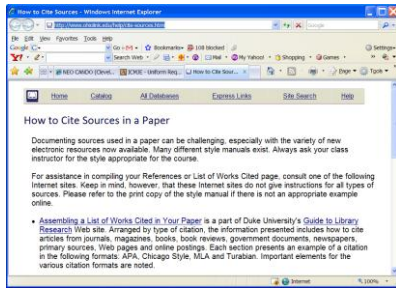
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Uniform Requirements (Vancouver)



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OhioLINK Information



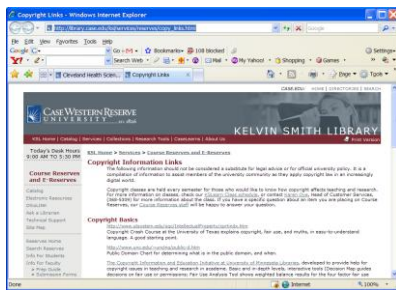
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Copyright and Plagiarism

- [Copyright Links](http://library.case.edu/ksl/services/reserves/copy_links.html) from KSL
 - (http://library.case.edu/ksl/services/reserves/copy_links.html)
- [Plagiarism.org](http://www.plagiarism.org)
 - (<http://www.plagiarism.org/>)

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KSL's Copyright Information



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Plagiarism



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- [Reference Department](http://www.case.edu/chsl/ref.htm)
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- [Library Hours](http://www.case.edu/chsl/hours.htm)
(<http://www.case.edu/chsl/hours.htm>)
- [Library Staff](http://www.case.edu/chsl/staff.htm)
(<http://www.case.edu/chsl/staff.htm>)

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