LIBRARY ORIENTATION, PUBMED & ENDNOTE TRAINING

MPH, PHD & RESEARCH STUDENTS

ANNELISSA CHIN & TOH KIM KEE
MEDICAL RESOURCE LIBRARIAN

21 AUGUST 2018 (2-5:45PM)
MD1 Computer Lab 1 (Level 8)

Email: annelissa_chin@nus.edu.sg
       kim_kee_toh@nus.edu.sg

Slides available at URL:
http://libguides.nus.edu.sg/publichealhth (Library Instruction & Tips)
1. **Know your library** (2:00pm-2:40pm)
   - Library **Facilities**
   - Library **Resources** (Findmore, LINC, etc)
   - Library **Services** (Graduate Students)
   - Tools (Proxy bookmarklet, FindIt@NUS Libraries)
   - Impactful Journals using JCR

2. **Database searching skills**
   - **PubMed** (2:45pm-3:45pm)

3. **Reference Management Software**
   - **EndNote** (4:00pm-5:45pm)
NUS LIBRARIES: 8 libraries 1 system

EAI LIBRARY
- A good collection of English and Chinese materials on China and East Asia

CHINESE LIBRARY
- Departments using Chinese and Japanese resources

C J KOH LAW LIBRARY
- Law Faculty

MEDICAL LIBRARY
- Yong Loo Lin School of Medicine
- Faculty of Dentistry
- Saw Swee Hock School of Public Health
- Alice Lee Centre for Nursing studies
- Department of Pharmacy, Fos

SCIENCE LIBRARY
- Faculty of Science

MUSIC LIBRARY
- Yong Siew Toh Conservatory of Music

CENTRAL LIBRARY

HON SUI SEN MEMORIAL LIBRARY
- Business School
## OPENING HOURS

<table>
<thead>
<tr>
<th></th>
<th>Term</th>
<th>Vacation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon – Fri:</td>
<td>8 am – 10 pm</td>
<td>8.30am – 6 pm</td>
</tr>
<tr>
<td>Sat:</td>
<td>10 am – 5 pm</td>
<td>Closed</td>
</tr>
<tr>
<td>Sun &amp; Public Holiday:</td>
<td>Closed</td>
<td></td>
</tr>
</tbody>
</table>

Please check update on opening Hours at [Library Portal](#)

Reading Area is open 24/7 for NUS Staff & Students
MEDICAL LIBRARY FACILITIES

E-Resources cluster

*Photocopy / Printing / Scanning

*Pay Fines / Self Checkout Machine

Training Room (walk in to use when not booked for training)

Discussion Rooms 1& 2 (Book online)

Discussion Room 3 (Walk in use)

*Cashcard/Ez link – Photocopy, Print, Pay Fines
MEDICAL LIBRARY FACILITIES

Study Cubicles

24 Hour Reading Area

RBR Collection (Self-service kiosk)

Reading lounge (Newspapers)

New Books Display

Singapore Malaysia Collection
Library Essentials

Enter the libraries

Check your record

Borrow / Renew / Reserve books

Everything E: Portal / E-Resources / E-forms

Student Card

Student ID: A0066650N
First Name: MEI LIN
Last Name: LEE
Career: Non-Graduating
Admit Term: 0920

Smart Card/ Library Pin (NRIC/FIN no)

NUSNET ID / password
### LOAN ENTITLEMENT

**GRADUATE STUDENTS**

<table>
<thead>
<tr>
<th>Maximum no of books</th>
<th>30 books</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online renewals</td>
<td>3 times</td>
</tr>
</tbody>
</table>

**Loan Period**

<table>
<thead>
<tr>
<th>Main Shelves Books</th>
<th>28 days</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>RBR Books (can borrow 2 books at a time)</em></td>
<td>2 hours/Overnight</td>
</tr>
<tr>
<td>Bound periodical</td>
<td>1 day</td>
</tr>
<tr>
<td></td>
<td><em>(Not applicable for Law &amp; Medical bound journals)</em></td>
</tr>
</tbody>
</table>

*Reserve Books and Readings Collection (RBR)*

RBR items must be returned to the loan counter or RBR Kiosk where it was borrowed. A fine of $1.00 per hour is charged for overdue loans.
http://lib.nus.edu.sg
NUS LIBRARY PORTAL

ALL (FINDMORE@NUSL)
• Searches books, media, e-books, journal articles, newspaper articles, online thesis & more
• Covers most but not 100% of our articles & E-Resources

BOOKS AND MEDIA (LINC)
• Good for known item search
• Covers books, DVDs, music scores
• Cannot be used for journal or newspaper articles
FINDMORE: NUS LIBRARIES SEARCH ENGINE

Books

Journal Articles

Newspaper articles
Imprint

Online access via:
NUS Libraries World Scientific e-Books About this E-Resource

Descrip.
1 online resource (x, 392 p.) : ill. (some col.).

Series
World Scientific series on Singapore's 50 years of nation-building
World Scientific series on Singapore's 50 years of nation-building
World Scientific series on Singapore's 50 years of nation-building.

Note
Title from PDF file title page (viewed January 10, 2016).

Summary
"How did Singapore's health care system transform itself into one of the best in the world? It not only provides easy access, but its standards of health care, not only in curative medicine but also in prevention, are exemplary. Fifty years ago, the infant mortality rate (IMR) was 26 per thousand live births; today the IMR is 2. Life expectancy was 64 years
RBR (Reserved Books/Readings)
2 hour/overnight loan (subject to fines)
Search catalogue (by module code /lecturer’s name) Eg CO5102

E-Reserves
Scanned articles recommended by lecturers
Search IVLE (by module codes)
Only 1 download
<table>
<thead>
<tr>
<th>Prof/ta</th>
<th>Adeline Seow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course</td>
<td>C05215</td>
</tr>
</tbody>
</table>

### Materials for this course

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Call #</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern epidemiology / Kenneth J. Rothman, Sander Greenland, Timothy L. Lash</td>
<td>Rothman, Kenneth J.</td>
<td>MD RBR (Loans Desk) - RA652.2 Mat.R 2008 -- AVAILABLE</td>
<td></td>
</tr>
</tbody>
</table>
RESERVE A BOOK

Searching skills toolkit : finding the evidence
De Brún, Caroline.

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CALL #</th>
<th>STACK#</th>
<th>STATUS</th>
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</thead>
<tbody>
<tr>
<td>MD Books</td>
<td>R853 Sys.De 2009</td>
<td></td>
<td>DUE 12-08-14</td>
</tr>
</tbody>
</table>

REQUEST ITEM - LINC

Click on **Request**

Enter Matric/ student card no. & Library PIN

Click “**Request Selected Item**”
CHECK YOUR LIBRARY ACCOUNT - MyLINC

RENEW ONLINE (Up to 3 times)

Modify your PIN
0 requests (holds).
Search the Catalog
Preferred Searches
My Reading History

<table>
<thead>
<tr>
<th>RENEW</th>
<th>TITLE</th>
<th>BARCODE</th>
<th>STATUS</th>
<th>CALL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td>Embryonic stem cell research : re-explored considering scientific philosophical and theological understanding of human life / John, P Shaji.</td>
<td>5261953E</td>
<td>DUE 17-01-18</td>
<td>QH588 Ste,Jo 2017</td>
</tr>
<tr>
<td></td>
<td>Zika : from the Brazilian backlands to global threat / Debora Diniz ; translated by Diane Grosklues Whitty.</td>
<td>5261778B</td>
<td>DUE 17-01-18 +1 HOLD</td>
<td>RA644 Zik,Di 2017</td>
</tr>
</tbody>
</table>
SERVICES FOR GRADUATE STUDENTS

Requires Login to access EFORMS, GUIDES, TOOLS
• Request journal articles, book chapters or conference papers that are not available in NUS Libraries

• Accessed via E-Forms

• Cost borne by NUS Libraries
INTRA / INTER LIBRARY LOAN

• **Intra**-Library Loan – Request circulating books & journals found in other NUS Libraries to be collected at Medical Library

• **Inter**-Library Loan - Request books not owned by NUS Libraries
Learning Outcomes

• Search PubMed using Keywords & MeSH
• Combine terms with ‘AND’ and ‘OR’
• Construct a search strategy
• Manage search results
• Create alerts in “My NCBI” account
PUBMED

• Search interface developed by the National Center for Biotechnology Information (NCBI) at National Library of Medicine (NLM)

• Provide access to approximately from MEDLINE, life science journals, and online books
MEDLINE

- MEDLINE is a subset of PubMed.
- MEDLINE records contain journal citations indexed with Medical Subject Headings (MeSH)

Pubmed
(>28 million citations)

Medline
(approx. 24 million citations covering medicine, dentistry, nursing and health care system)
Library Portal
http://www.lib.nus.edu.sg
On Campus & Off Campus Access

Advantage
Directly access full-text articles via electronic journals subscribed by NUS Libraries

Free PubMed - faster
OR

either terms may be present
→ Cancer OR neoplasm

AND

both terms must be present
→ Cancer AND smoking

NOT

→ Use with caution
Human  NOT animals

Note: Boolean operators must be entered in UPPERCASE.
Phrase – search for exact phrase with “”

“Attention Deficit Disorder”
“breast cancer”

truncation* - search for spelling variants
vaccin* → vaccine, vaccines, vaccination, vaccinations, vaccinator, vaccinating...

Brackets ( )-group all synonyms in one parentheses
(cancer OR cancers OR tumor OR tumors ) AND smoking
**SEARCH TOPIC**

**Topic**
Is smoking related to incidence of breast cancer?

**Concepts**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>breast cancer</td>
<td>smoking</td>
</tr>
<tr>
<td>breast tumor</td>
<td>smoker*</td>
</tr>
<tr>
<td>breast carcinoma</td>
<td>tobacco</td>
</tr>
</tbody>
</table>

**Keywords**

- breast cancer
- breast tumor
- breast carcinoma
- smoking
- smoker*
- tobacco

**Search Statement**

- (breast cancer OR breast carcinoma OR breast lymphoma)
- AND (smoking OR smoker* OR tobacco)
SEARCHING PUBMED DATABASE

1. Keyword Search
   • Field search (title)

2. MeSH Search
   • Subheading
   • Major MesH
1. **KEYWORD SEARCH**

1. Enter the following into PubMed Basic Search box and press Enter/Search:

   - breast cancer OR breast carcinoma OR breast lymphoma

2. Followed by the second search below:

   - smoking OR smoker* OR tobacco

3. Click Advanced tab to go to PubMed Advanced Search Builder.
Search results

Items: 1 to 20 of 4740

1. Implications of false-positive results for future cancer screenings.
   Taksler GB, Keating NL, Rothberg MB
   PMID: 29682740
   Similar articles

   Liang X, Bradley JA, Zheng D, Rutenberg M, Yeung D, Mendenhall N, Li Z.
   PMID: 29573384 Free Article
   Similar articles

3. Reducing health inequalities with interventions targeting behavioral factors among individuals with low levels of education - A rapid review.
   Vilhelmsson A, Östergren PO.
   PMID: 29659598 Free Article
   Similar articles

   Ben David R, Biderman A, Sherf M, Zamstein O, Dreizen J.
((Breast cancer[Title] OR Breast carcinoma[Title] OR Breast lymphoma[Title])) AND (smoking[Title] OR smoker*[Title] OR tobacco[Title])

Search results:
- Smoking and FGFR2 rs2981582 variant, population-based study in Tuscany, Italy
- Alcohol, smoking, and risk of Her2-overexpressing and triple-negative breast cancer relative to estrogen receptor-positive breast cancer.
- Association of Cytochrome CYP1A1 Gene Polymorphisms and Tobacco Smoking With the Risk of Breast Cancer In Women From Iraq.
- Impact of smoking history on the outcomes of women with early-stage breast cancer: a secondary analysis of a randomized study.
2. MESH: MEDICAL SUBJECT HEADINGS

Medicine's controlled vocabulary used for indexing articles
Provides a consistent way to retrieve information
ENTRY TERMS

TIP: SEARCH MESH FIRST TO CHECK FOR RIGHT TERMS

Entry Terms:
- Breast Neoplasm
- Neoplasm, Breast
- Neoplasms, Breast
- Tumors, Breast
- Breast Tumors
- Breast Tumor
- Tumor, Breast
- Mammary Carcinoma, Human
- Carcinoma, Human Mammary
- Carcinomas, Human Mammary
- Human Mammary Carcinomas
- Mammary Carcinomas, Human
- Human Mammary Carcinoma
- Mammary Neoplasms, Human
- Human Mammary Neoplasm
- Human Mammary Neoplasms
- Neoplasm, Human Mammary
- Neoplasms, Human Mammary
- Mammary Neoplasm, Human
- Breast Cancer
- Cancer, Breast
- Cancer of the Breast
- Cancer of Breast

If you need to expand your search consider these synonyms in keyword search

Other ways to find Synonyms

- Thesaurus
- Subject terms in Library catalogue and key concepts or Descriptors (Author supplied)
- Find a review article and look for the “keywords” used to search the different databases
Automatically expands MeSH term to include more specific concepts
Breast Neoplasms
Tumors or cancer of the human BREAST.

PubMed search builder options

- analysis
- anatomy and histology
- blood
- blood supply
- cerebrospinal fluid
- chemically induced
- chemistry
- classification
- complications
- congenital
- cytology
- diagnosis
- diet therapy
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethology
- etiology
- genetics
- history
- immunology
- legislation and jurisprudence
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- parasitology
- pathology
- physiology
- physiology and pathophysiology
- prevention and control
- psychology
- radiography
- radionuclide imaging
- radiotherapy
- rehabilitation
- secondary
- secretion
- statistics and numerical data
- surgery
- therapy
- transmission
- ultrasonography
- ultrastructure
- urine
- veterinary
- virology
Smoking

Inhaling and exhaling the smoke of burning TOBACCO.

PubMed search builder options

Subheadings:

- adverse effects
- analysis
- anatomy and histology
- blood
- cerebrospinal fluid
- complications
- cytology
- diagnosis
- drug effects
- drug therapy
- economics
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- instrumentation
- legislation and jurisprudence
- metabolism
- mortality
- organization and administration
- pathology
- pharmacology
- physiology
- physiopathology
- prevention and control
- psychology
- statistics and numerical data
- therapeutic use
- therapy
- toxicity
- trends
- urine

Restrict to MeSH Major Topic.

Do not include MeSH terms found below this term in the MeSH hierarchy.
(("Breast Neoplasms/epidemiology"[Major] OR "Breast Neoplasms/statistics and numerical data"[Major])) AND "Smoking/adverse effects"[Major]
VIEWING LIST OF MESH TERMS USED

Major Mesh Terms assigned to the article
REFINE USING FILTERS
HOW PUBMED INTERPRET YOUR SEARCH

Search details:

"breast neoplasms"[MeSH Terms] OR "breast"[All Fields] AND "neoplasms"[All Fields] OR "breast neoplasms"[All Fields] OR "breast"[All Fields] AND "cancer"[All Fields] OR
**KEYWORD VS MESH**

- **Keyword**
  - broadest, least precise, current

- **MeSH**
  - Major MeSH
  - narrowest, most precise, slightly dated

- Refine search e.g. Field searching
MANAGE SEARCH RESULTS

Collect desired citations and stored in Clipboard

Display Settings: Summary, 20 per page, Sorted by Recently Added

3 items were added to the Clipboard.

Clipboard items will be lost after eight hours of inactivity. The maximum number of Clipboard items is 500.

Results: 4

Selected: 2

1. The association between lifetime smoking exposure and breast cancer among Norwegian young adults.
   PMID: 25073713
   Free PMC Article
   Similar articles

   Rosenberg L, Boggs DA, Bethea TN, Wise LA, Adams-Campbell LL, Palmer JR.
   PMID: 24085580
   Free PMC Article
   Similar articles

3. The role of smoking in breast cancer development: an analysis of a Mayo Clinic cohort.
   Free PMC Article
   Similar articles

Choose Destination

- File
- Collections
- Clipboard
- E-mail
- Order
- My Bibliography
- Citation manager

Find related data

Database: Select

Search details

("Breast Neoplasms/epidemiology" [Mesh] OR "Breast Neoplasms/statistics and numerical data"[Mesh]) AND "Smoking/adverse effects"[MeSH] AND "young adult"[MeSH Terms]
MY NCBI ACCOUNT

Sign in to NCBI

Sign in with

Google

NIH Login

ERA Commons

See more 3rd party sign in options

OR

Sign in directly to NCBI

NCBI Username

Password

☐ Keep me signed in

Sign In

Forgot NCBI username or password?

Register for an NCBI account

My NCBI features include:

- Save searches & automatic e-mail alerts
- Display format preferences
- Filter options
- My Bibliography & NIH public access policy compliance
- SciENcv, a researcher biosketch profile service
- Highlighting search terms
- Recent activity searches & records for 6 months
- LinkOut, document delivery service & outside tool selections
USEFUL RESEARCH TOOLS

1. Ways to download full text article
   - Searching PubMed – Login via Library portal
   - Searching Google – use Proxy Bookmarklet
   - Searching Google Scholar – use FindIt@NUS Libraries

2. Finding impactful journals using JCR

3. NUS Library Guide (Public Health subject guide)
Login via Library Portal:

Click on: Findit! @ NUS Libraries or Publisher Icons
Google “Dietary effects on breast-cancer risk in Singapore” by Lee, J; Lee, H.P; Gourley, L; Duffy, S.W; Day, N.E; Estève, J
Google Scholar
Find it! @ NUS Libraries

http://scholar.google.com

Scholar Settings

Show library access links for (choose up to five libraries):

- NUS
- National University of Singapore - Find It! @NUS Libraries

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

Save  Cancel
Trans fatty acids and cardiovascular disease
D Mozaffarian, MB Katan, A Ascherio... - ... England Journal of ..., 2006 - Mass Medical Soc
... the consumption of trans fatty acids from partially hydrogenated oils provides no apparent nutritional benefit and ... all in Boston (DM, AA, MJS, WCW), and the Division of Human Nutrition, Wageningen University ... FDA acts to provide better information to consumers on trans fats ...
Cited by 1118 Related articles All 27 versions Cite Save

A food policy package for healthy diets and the prevention of obesity and diet-related non-communicable diseases: the NOURISHING framework
C Hawkes, J Jewell, K Allen - Obesity reviews, 2013 - Wiley Online Library
... chains for the provision of fruits and vegetables and other nutritious, often local ... and the development and promulgation of the National Agreement on Nutritional Health in ... information and education aspects of behaviour change communication and nutrition labelling (essentially ...
Cited by 61 Related articles All 3 versions Cite Save

An approach to building the case for nutrition policies to limit trans-fat intake—A Singapore case study
ASL Tan - Health policy, 2011 - Elsevier
OBJECTIVE: At present, Singapore health authorities are deliberating nutrition labeling and regulations to reduce trans-fat in the food supply. This paper reviews the case for enacting nutrition policies to reduce population trans-fat intake in Singapore. It further proposes a ...
Cited by 7 Related articles All 11 versions Cite Save
LIBRARY GUIDES

Public Health Subject Guide at http://libguides.nus.edu.sg/publichealth
### Journal Citation Reports (JCR) -- finding impact factor of journals

#### Launching the JCR Application

<table>
<thead>
<tr>
<th>Journals by Rank</th>
<th>Categories by Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Go to Journal Profile</td>
<td>Compare Journals</td>
</tr>
<tr>
<td>Select Journals</td>
<td>View Title Changes</td>
</tr>
</tbody>
</table>

#### Selecting Journals and Categories

- **Select JCR Year**: 2015
- **Select Categories**: Public, Environmental & Occupational Health

#### Example Journals and Impact Factors

<table>
<thead>
<tr>
<th>Full Journal Title</th>
<th>Total Cites</th>
<th>Journal Impact Factor</th>
<th>Eigenfactor Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lancet Global Health</td>
<td>1,379</td>
<td>14.722</td>
<td>0.06841</td>
</tr>
<tr>
<td>Other Journal</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Journal of Toxicology and Environmental Health

- **Total Cites**: 1,473
- **Journal Impact Factor**: 5.552
- **Eigenfactor Score**: 0.00254

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**PUBLISH IN IMPACTFUL JOURNALS**
COPYRIGHT

photocopying and printing

10% or 1 chapter of book
1 article in a journal issue

Resources are for your research and study
Avoid excessive photocopying or downloading
Copyright violations may have serious consequences
TO SUMMARISE

Always search for MeSH terms first

If there are no MeSH terms then use keywords

Use “AND” or “OR” to either narrow or widen your search

Combine keywords and MeSH terms for a complete search

Filter your results at last
  • Article type
  • Age
  • Language
2 Days of catalytic learning, discovery & exchange

20 Expert speakers & more from the research & publishing community

300 Expected attendees from NUS research community

SYMPOSIUM

25 & 26 September 2018
LT6, Kent Ridge Campus

Book your seats @ j.mp/RUSym
CONTACT US

Medical Library
Walk in: Level 5, MD6
Telephone : 65162046
Email: mdlib@nus.edu.sg
www.lib.nus.edu.sg

Appreciate your feedback on PubMed at
https://tinyurl.com/pubmedMPH