



HPD Library Pathfinders – Pharmacy

SCOPE: This guide is designed to aid the beginning pharmacy student in finding online and print resources in the HPD Library. To find these and other resources, start at the [HPD Library homepage](#).

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1. PRINT SOURCES: NLM Classification, Location of Books, and Other Information

Pharmacy books and multimedia are classified in the **QV** section of the library. To find topics on related subjects, look in [Novacat](#), NSU's online catalog of all electronic, print, and other materials.

- Circulating books are shelved in the north-west side of the library and can be checked out for four weeks.
- Reference books are kept in the front on low shelves and are for library use only.
- Reserve books are located behind the circulation desk and can be used for three hours in the library.
- Study rooms can be checked out for three hours, both in the HPD Library and the Assembly II Building.

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2. CORE RESERVE BOOKS (Pharmacy has a long list of reserve books. What is presented below represents only a fraction of the reserve collection. To obtain reference books ask for assistance at the circulation desk. For a complete list of all reserve books in the HPD Library click on the following link: [Novacat](#). Next click on “Featured Items” and then on “HPD Reserve Titles.” Remember books on pharmacy and pharmacology are in the **QV** section. Scroll down the reserve list until you find QV where the appropriate books reside.)

AHFS Drug Information. QV 740.1 A285 2008.
Basic and Clinical Pharmacology. 10th ed. QV 4 B3102 2007.
Basic Pharmacology: Understanding Drug Actions and Reactions. QV 38 H557b 2006.
Clinical Pharmacology. 10th ed. QV 38 B472c 2008.
Clinical Pharmacology Made Ridiculously Simple. 3rd ed. QV 38 O52c 2006.
Communication Skills in Pharmacy Practice. 5th ed. QV 21 C734 2007.
Drug Facts and Comparisons. Complete Binder. QV 740.1 D794. Updated monthly.
Drug Information: a Guide for Pharmacists. 3rd ed. QV 737 D793 2006.
Medical Dosage Calculations. 9th ed. QV 748 O52m 2008.
Pharmacotherapy: a Pathophysiologic Approach. WB 330 P5357 2005.
Pharmacy Practice and the Law. 5th ed. QV 733.1 A154p 2008.

Principles of Medical Pharmacology. 7th ed. QV 4 P957 2007.
Principles of Pharmacology: the Pathophysiologic Basis of Drug Therapy. 2nd ed. QV 38 P2576 2008.
Remington: The Science Practice of Pharmacy. 21st ed. QV 704 R388 2006.
United States Pharmacopeia: the National Formulary and its Supplements, Interim Revision Announcements.
3 vols. QV 738 U58 2008.
Virtual Screening in Drug Discovery. QV 771 V819 2005.

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3. ONLINE BOOKS: To access these and other books click on the following link: [Electronic Books in Pharmacy or Pharmacology](#).

Basic & Clinical Pharmacology. 2007.
Goodman & Gilman's the Pharmacological Basis of Therapeutics. 2006.
Drug Facts and Comparisons. 2006.
Current Protocols in Pharmacology. 2001-

For other online books, see also [Ovid Books online](#). (You need to go through the validation process to gain access.)

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4. DICTIONARIES, ENCYCLOPEDIAS, and DIRECTORIES

Items marked as being available through [StatRef!](#) can be accessed by clicking on its label and authenticating.

a. DICTIONARIES

AHFS Drug Information. [\(StatRef!\)](#)

[alphaDictionary.com](#). Free pharmacy dictionaries comprising drugs, drug and pharmaceutical abbreviations, and a list of trademarks. There are also other resources at this site that have nothing to do with pharmacy.

[MedicineNet.com](#). Dictionaries of medications and medical terms, but also information about symptoms and signs, procedures and tests, diseases and conditions, and health and living.

[OneLook Dictionary Search](#). Links to numerous pharmacy dictionaries including *Stedman's Online Medical Dictionary*, 27th ed, *The On-line Medical Dictionary*, *MedTerms.com Medical Dictionary*, and *Dorland's Illustrated Medical Dictionary*.

[TheFreeDictionary](#) by Farlex. Access is provided to a number of dictionaries and encyclopedias including pharmacy.

Encyclopedia & Dictionary of Medicine, Nursing, Allied Health. Ref. W 13 E56 2005.

Accurate and clinically useful entries provide straightforward, practice-applicable definitions. Encyclopedic entries for key terms and unique 'Windows' commentaries offer in-depth explanations, including important background information and clinical implications. Features 3,900 new entries researched and reviewed by experts from all areas of health care. Definitions are provided for the complete vocabulary of the Unified Nursing Language System - including the latest NANDA, NIC, NOC, and the Omaha System. Miller-Keane's multidisciplinary emphasis facilitates effective communication between health professionals from all disciplines and specialties. Pronunciation guides, a list of stems, prefixes, and suffixes, and a 40-page insert of full-color illustrations of human anatomy and common disorders enhance the ability to understand and use the latest terminology in the nursing profession.

Jablonski's Dictionary of Syndromes & Eponymic Diseases. 2nd ed. Ref. WB 15 J115j 1991.

Mosby's Dictionary of Medicine, Nursing and Health Professions. Ref. W 13 M8941 2006.

Mosby's Medical, Nursing, and Allied Health Dictionary.

W13 M8941 2002; HPD Library Reference Shelves, HPD Library CD-Rom Drawer (Circulating).

Stedman's Medical Dictionary. 27ed. 2000. HPD Library Reference Shelves. W 13 S812m 2000.

Taber's® Cyclopedic Medical Dictionary. 20th ed. 2005. HPD Library reference shelves. 19th ed. W13 T113D 2001. (Online. Available through [StatRef!](#)).

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b. ENCYCLOPEDIAS

[MedlinePlus](#). Health Topics. Short articles about diseases in all body systems. Also includes sections on diagnosis and therapy, including drug therapy.

[MedlinePlus](#). Encyclopedia of Medicine. This resource includes a section on Drugs and Supplements.

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c. DIRECTORIES

[Google Directory for Pharmacy](#). Covers all areas of pharmacy.

[Open Directory Project's Directory for Pharmacy](#). Has a narrower scope than the above. See especially the directory offered by the College of Pharmacy at Dalhousie University which is particularly useful and complete.

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5. EVIDENCE-BASED PRACTICE

a. GENERAL SITES

[Best Bets – Best Evidence Topics](#). “Contains clinical answers to clinical questions on the basis of best evidence from searched literature.”

[Centerwatch Clinical Trials Listing Service](#). A list of clinical trials on all medical conditions. International in scope.

[Centre for Evidence-Based Medicine](#). At Oxford in the U.K. Promotes evidence-based health care and provides links to EBM resources.

[Centre for Reviews and Dissemination \(CRD\)](#). University of York, U.K. Reviews and disseminates the results of interventions in and research on health and social care to decision makers in the British National Health Service.

[Core Library for Evidence Based Practice](#). “A virtual library that links to full text documents on all aspects of EBM.”

[Medscape. Practical Evidence-Based Internet Resources](#).

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b. GOVERNMENT SITES

[ClinicalTrials.gov](#). “Regularly updated information about privately and federally supported clinical research on human volunteers.” A service of the U.S. Institutes of Health.

[National Guideline Clearinghouse](#). “Comprehensive database of evidence-based clinical guidelines. Produced by the Agency for Healthcare Research and Quality (AHRQ) together with the AMA.” Type into the search box “evidence-based practice.”

[NCI Cancer Trials](#). National Cancer Institute's reports on cancer clinical trials. Type “evidence-based practice” into the search box.

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6. PHARMACY RESEARCH DATABASES Most of the following databases can be accessed through the Quick Links list on the HPD Library homepage. www.nova.edu/hpdlibrary. The others can be linked to by clicking on the title.

EMBASE. “Over 18 million validated biomedical and pharmacological articles” from thousands of U.S. and international journals. The user can search by topic including pharmacology. Coverage from 1980-2008. For help using this resource see the tutorial “How to Search Web of Science” created by the [University of British Columbia library staff](#).

Clinical Pharmacology. A comprehensive list of resources for the pharmacist: among other things updated full-length drug monographs, ability to find drugs by indication, contraindication, and multiple other criteria, patient information, resource center for contact with drug manufacturers, and a drug identifier using color and markings of pills.

Cochrane Databases. Regularly updated best available evidence-based reviews prepared by Cochrane Collaboration scientists. Includes the Cochrane Central Register of Controlled Trials, the largest single source of controlled trials.

International Pharmaceutical Abstracts: Worldwide, comprehensive bibliographic coverage of pharmaceutical science and health related literature from over 750 journals.

Mantis. Journals from medical, osteopathic, physical therapy, chiropractic, and other disciplines for treatment of neuromusculoskeletal conditions. Peer-reviewed references from over 700 biomedical publications.

MDConsult. An extensive collection of ebooks, full text articles, guides, and other materials on the subject of medicine. An entire section is devoted to pharmaceuticals.

Medscape. Aside from numerous other resources in medicine, there is comprehensive drug coverage.

Micromedex: Provides easily searchable instant answers for clinicians from numerous sources on a wide array of topics including drugs, toxicology, diseases, acute care, patient education, and alternative medicine.

Natural Medicines, Comprehensive Database. Gateway to information about natural substances, herbal remedies, dietary supplements, and more.

Natural Standard. Includes multiple databases: herbs & supplements, health & wellness, comparative effectiveness, medical conditions, brand names, and interactions. All research is evidence-based, and more than 100 eminent academic institutions participate in providing information.

PubMed/MEDLINE. Produced by the U.S. National Library of Medicine. The premier source for bibliographic coverage of biomedical literature. Over 16 million records from 4,800 plus journals are indexed and abstracted. Very good coverage of drugs.

RxWiki. Following the wiki format ... “RxWiki is a project by pharmacists to create a free, complete, up-to-date, and trusted world-wide medication guide for consumers. We believe pharmacists are the most relevant source for information regarding prescription, over-the-counter (OTC), and natural product information. So far we have 7,065 (this is a link to statistics about RxWiki) articles written and edited by pharmacists.”

UpToDate. A full text reference that provides evidence-based answers to most commonly asked questions in clinical practice.

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7. JOURNALS: PRINT and ELECTRONIC. Here is a partial list of the **PHARMACY** journals available at NSU. For others click on the following link and go through the authentication process: [Ejournals in Pharmacy](#).

American Journal of Health-System Pharmacy: AJHP.
ISSN: 1079-2082. Coverage 2002 to present.

American Journal of Pharmaceutical Education.
ISSN: 0002-9459. Online ISSN: 1553-6467. Coverage 1998 to present.

Annals of Pharmacotherapy.

ISSN: 1060-0280. Online ISSN: 1542-6270. Coverage 1998 to present.

Community Pharmacy.

ISSN: 0960-376X. Coverage 1998 to present.

International Journal of Pharmacy Practice.

ISSN: 0961-7671. Coverage 2003 to present.

Journal of Clinical Pharmacy and Therapeutics.

ISSN: 0269-4727 Online ISSN: 1365-2710. Coverage 1996 to present.

Journal of Managed Care Pharmacy.

ISSN: 1083-4087. Coverage 1995 to present.

Journal of Oncology Pharmacy Practice: Official Publication of the International Society of Oncology Pharmacy Practitioners.

ISSN: 1078-1552 Online ISSN: 1477-092X. Coverage 1999 to present.

Journal of Pharmacy & Pharmaceutical Sciences.

ISSN: 1482-1826. Coverage 1998 to present.

Journal of Pharmacy and Pharmacology.

ISSN: 0022-3573. Coverage 1999 to present.

Journal of Pharmacy Practice.

ISSN: 0897-1900 Online ISSN: 1531-1937. Coverage 2001 to present.

Journal of Pharmacy Teaching.

ISSN: 1044-0054. Coverage 1999 to present.

Pharmacy Practice.

ISSN: 0829-2809. Coverage 2002 - 2006

Research in Social and Administrative Pharmacy.

ISSN: 1551-7411. Coverage 2005 to present.

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Here is a partial list of the **PHARMACOLOGY** journals available at NSU. For others click on the following link and go through the authentication process: [Ejournals in Pharmacology](#).

Annual Review of Pharmacology and Toxicology

ISSN: 0362-1642 Online ISSN: 1545-4304. Coverage 1997 – 2005.

Basic & Clinical Pharmacology & Toxicology

ISSN: 1742-7835 Online ISSN: 1742-7843. Coverage 2000 to present.

Biochemical Pharmacology

ISSN: 0006-2952. Coverage 1995 to present.

BMC Clinical Pharmacology

ISSN: 1472-6904. Coverage 2001 to present.

British Journal of Clinical Pharmacology

ISSN: 0306-5251 Online ISSN: 1365-2125. Coverage 1996 to present.

British Journal of Pharmacology

ISSN: 0007-1188. Coverage 1996 to present (Embargo: 1 year).

Canadian Journal of Clinical Pharmacology
ISSN: 1710-6222. Coverage 2000 to present.

Clinical and Experimental Pharmacology and Physiology
ISSN: 0305-1870 Online ISSN: 1440-1681. Coverage 1974 to present.

Clinical Pharmacology and Therapeutics (Nature)
ISSN: 0009-9236 Online ISSN: 1532-6535. Coverage 1995 to present.

Comparative and General Pharmacology
ISSN: 0010-4035. Coverage 1995 to present.

European Journal of Pharmacology
ISSN: 0014-2999. Coverage 1995 to present.

Fundamental and Clinical Pharmacology
ISSN: 0767-3981 Online ISSN: 1472-8206. Coverage 2001 to present.

General Pharmacology
ISSN: 0306-3623. Coverage 1995 to 2001.

The Japanese Journal of Pharmacology
ISSN: 0021-5198 Online ISSN: 1347-3506. Coverage 1998 to 2002.

Journal of Clinical Pharmacology
ISSN: 0091-2700 Online ISSN: 1552-4604. Coverage 2005 to present.

The Journal of Pharmacology and Experimental Therapeutics
ISSN: 0022-3565 Online ISSN: 1521-0103. Coverage 1997 to present (Embargo: 1 year).

Journal of Pharmacy and Pharmacology
ISSN: 0022-3573. Coverage 1999 to present.

Pharmacology
ISSN: 0031-7012 Online ISSN: 1423-0313. Coverage 1998 to present.

Pharmacology & Therapeutics
ISSN: 0163-7258. Coverage 1995 to present.

Toxicology and Applied Pharmacology
ISSN: 0041-008X Online ISSN: 1096-0333. Coverage 1995 to present.

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8. OPEN ACCESS JOURNALS

What follows below are sites that offer free online journals only some of which concern pharmacy proper. However, topics on pharmacy matters can be located in various journals by typing in terms specific to the subject.

[Biomed Central](#). The Open-Access Publisher.

[Free journals at PubMed](#).

A list of periodicals that can be accessed free of charge. This service is provided by [Hardin MD](#).

[Free Medical Journals Site](#).

The Free Medical Journals Site is dedicated to the promotion of free access to medical journals over the Internet and lists only free journals. Arranged by specialty as well as by title/language.

[HighWire Press -- Free Online Full-text Articles](#)

From Stanford University Libraries, Highwire Press says it is "the [largest](#) archive of free full-text science on Earth!" Many titles are in the fields of medicine and life sciences.

[MEDLINE Journals with Links to Publisher Web Sites.](#)

This is a list of the journals in MEDLINE for which publishers have provided links to their journal Web sites. Web-based journals usually contain the full-text of the original article, but this is not always the case. It varies by publisher and journal. Publishers may offer full text for a fee.

[Public Health Online Journals.](#) (University of Massachusetts, Lamar Soutter Library).

Open access EBM journals in the area of public health.

[PubMed Central](#)

"PubMed Central (PMC) is the U.S. National Library of Medicine's free digital archive of biomedical and life sciences journal literature. All journals in PMC provide free access to full text (sometimes on a delayed basis)."

NOTE: NSU libraries hold over 21,000 online full text journal subscriptions.

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9. ONLINE BOOKS: To access these and other books online click on the following link ([online books](#)), find "pharmacology/pharmacy," and click on that text as well. The following is a small sample from the list.

AHFS Drug Information.

Current Protocols in Pharmacology.

Handbook on Injectable Drugs.

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10. USEFUL PHARMACY ONLINE RESOURCES: Just a partial list. For other valuable online resources click on the following link: "[Drug Information.](#)"

[American Society of Health-System Pharmacists \(ASHP\).](#) News and services for the busy pharmacist.

[Antibiotic Guide.](#) Complete information about use of antibiotics. Provided by Johns Hopkins University.

[DailyMed.](#) DailyMed. provides a free online health information clearinghouse for health care professionals and consumers. The site provides prescribing information for FDA approved medications as well as links to clinical studies. Additionally, adverse events may be reported via the direct link to MedWatch.

[Drug InfoNet.](#) Though riddled with ads, a very useful site. Provides information about drugs and diseases and about common health questions. In addition, the portal offers links to manufacturer information pages, medical education, hospitals, medical schools, and current health information.

[Hardin MD.](#) Prescription Drug Information & Pharmacy. Aside from a list of pertinent online sites with links, the resource includes links to drug companies, herbal medicines, infectious diseases, and pill identification pictures.

[Institute for Safe Medication Practices \(ISMP\).](#) Dedicated to prevention of medication errors.

[Karolinska Institutet.](#) Therapeutics. A large number of modalities. Scroll down the list to find "Drug Therapy" or click on the pertinent link in the table of contents at the top of the page.

[Martindale's "Virtual" Pharmacy, Pharmacology & Toxicology Center.](#) A cornucopia of pharmacy resources too numerous to recite. The site also covers toxicology.

[MayoClinic.com. Drugs and Supplements.](#) Drug information supplied by MicroMedex and supplements by Natural Standard.

[National Guidelines Clearinghouse](#). Evidence-based clinical practice guidelines. PharmacyOneSource. “High performance pharmacy standardized.”

[Virtual Library Pharmacy Page](#). Links to journals and books, government sites, employment, pharmacy schools, pharmaceutical companies and more. Provides an almost exhaustive list of pharmacy-related databases in the “virtual library.”

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11. NATIONAL GOVERNMENTAL INSTITUTES and AGENCIES: partial list.

[ClinicalTrials](#). Updated information about federally and privately supported clinical research in human volunteers.

[Food and Drug Administration \(FDA\)](#). Among much else, linked to approved drug products database.

[MEDLINEplus](#). Click on “Drugs and Supplements” for an exhaustive list of drugs and supplements and detailed information about each of them. Alternatively, type in the search bar “Pharmacy to get over 700 topics on conditions, diseases and wellness and also “Medicines” for even more resources.

[National Guidelines Clearinghouse](#). “Database of evidence-based clinical practice guidelines and related documents.”

[National Library of Medicine \(NLM\)](#). Portal to valuable resources for both healthcare professionals and the public.

[Pharmacist’s Manual](#). The Pharmacist’s Manual is published by the Drug Enforcement Administration. This manual provides pharmacists with guidance to understanding controlled substance laws and regulations commonly encountered in daily practice. (Jennifer Fass)

[TOXNET](#). A cluster of databases on toxicology, hazardous chemicals, and related areas.

[U.S. Department of Health and Human Services](#). Provides access to a vast number of government resources in medicine, including pharmacy links and databases. See “Drugs & Food Information.” Also sponsored by this organization is [healthfinder.gov](#) with links to many other drug-related resources. Use the search box for information on specific topics.

[United States Pharmacopeia \(USP\)](#). The official public standards-setting authority for all prescription and over-the-counter medicines, dietary supplements, and other healthcare products manufactured and sold in the United States.

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12. GRANTS and FUNDING OPPORTUNITIES

[Google Directory: Medical Funding Organizations](#). Links to resources from the U.S. Government, private foundations, medical associations representing various medical specialties, and much more.

[Grants.gov](#). A source of information about approximately 1,000 U.S. Federal Granting agencies.

[Grants Web](#). SRA International. Provides links to many funding sources including the U.S. Government, private foundations, charities, and others.

[Howard Hughes Medical Institute](#). Funding opportunities for individuals as well as organizations.

[National Institutes of Health](#). Grants & Funding Opportunities. Portal to a variety of funding resources emanating from the U.S. Government.

[Office of Extramural Research \(OER\)](#). Another portal to NIH funding. Provides information about grant policies, guidelines, and funding sources.

[U.S. Department of Health & Human Services](#). Grants & Funding. Excellent portal to funding opportunities through the U.S. Federal Government.

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13. PROFESSIONAL ASSOCIATIONS

[U.S. Pharmacy Associations](#). A list of the most important American pharmacy associations.

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14. OTHER PATHFINDERS with ADDITIONAL SUGGESTED LINKS

For more comprehensive lists of pharmacy resources, examine the following pathfinders or subject guides developed by the library staff members of some of the top pharmacy schools in the world.

[Emory University. Woodruff Health Sciences Center Library](#). Concise guide to pharmacy resources.

[University of North Carolina's Health Sciences Library](#). Extensive guides (many) to all aspects of Pharmacy and Pharmacology.

[University of Sydney](#). Pharmacy. An Australian perspective. Opens doors to international resources. The list of pharmacy databases is unusually complete.

[University of Wisconsin-Madison's Ebling Library](#). Extremely rich in pharmacy resources.

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15. TUTORIALS for NSU DATABASES:

HPD produced tutorials: <http://www.nova.edu/hpdlibrary/tutorials.html>

Tutorials developed by the Alvin Sherman Library:

<http://www.nova.edu/library/help/techhelp.html>

EBSCOhost tutorials and knowledge base.

<http://support.epnet.com/CustSupport/Tutorials/Tutorials.asp> (List of tutorials).

http://support.epnet.com/training/flash_videos/CINAHLAdvancedSearching.html (CINAHL tutorial fully illustrated).

Ovid Technologies, Inc. tutorials.

http://www.ovid.com/site/pdf/osp/ovidsp_qrc_6page_032708.pdf (fully illustrated).

CINAHL tutorials

Duke University: CINAHL tutorial.

<http://www.mclibrary.duke.edu/training/cinahlebsco/cinahlebsco.pdf> (text only).

University of Illinois at Chicago: CINAHL tutorial.

http://www.uic.edu/depts/lib/lhsu/resources/cinahl_tutorial.shtml#journal (text with a few illustrations).

PubMed tutorials

The National Library of Medicine.

<http://www.nlm.nih.gov/bsd/disted/pubmedtutorial/> (full tutorial)

Quick Tours (short tutorials on specific topics)

<http://www.nlm.nih.gov/bsd/disted/pubmed.html#qt>

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16. PDA SOFTWARE:

Please access the following link <http://www.nova.edu/hpdlibrary/pda.html> to learn which PDA resources are available at no cost and free of charge through NSU subscription.

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