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 held 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.

2. RESERVE and REFERENCE BOOKS

a. RESERVE SHELVES

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<thead>
<tr>
<th>Title</th>
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<td>AHFS Drug Information. QV 740.1 A285 2007</td>
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<td>Ansel’s Pharmaceutical Dosage Forms and Drug Delivery Systems. 8th ed. QV 785 A427a 2005</td>
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<td>Applied Clinical Pharmacokinetics. QV 38 B344a 2001</td>
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<td>Applied Pharmacokinetics &amp; Pharmacodynamics: Principles of Therapeutic Drug Monitoring. QV 38 A6527 2006</td>
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<tr>
<td>Applied Biopharmaceutics &amp; Pharmacokinetics. 5th ed. QV 38 S797 2006</td>
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<td>Approved Bioequivalency Codes. QV 772 A652 1994</td>
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<td>Art, Science, and Technology of Pharmaceutical Compounding, The. 2nd ed. QV 778 A427a 2002</td>
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<td>Basic Clinical Pharmacokinetics. 4th ed. QV 38 W786b 2004</td>
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<td>Basic and Clinical Pharmacology. 10th ed. QV 4 B3102 2007</td>
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<td>Basic Pharmacology: Understanding Drug Actions and Reactions. QV 38 H557b 2006</td>
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<tr>
<td>Bioassay Techniques for Drug Development. QV 25 R147b 2001</td>
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<tr>
<td>Biostatistics in Clinical Trials. QV 771 B616 2001</td>
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<td>Blackwell’s UCF Pharmacology. 3rd ed. QV 18.2 P5345 2002</td>
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<tr>
<td>Blueprints Notes &amp; Cases Pharmacology. QV 18.2 Y219b 2004</td>
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<tr>
<td>Clinical Clerkship Manual. QV 21 B676 1992</td>
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</table>
Principles of Pharmacology. 2nd ed. QV 38 P9576 2008.
USP-DI. RM 300 .U833 v. 1.

b. REFERENCE SHELVES

Casarett & Doull’s Essentials of Toxicology. QV 600 C335 2003.
Clinical Toxicology. QV 601 C641 2001.
Cognitive Enhancing Drugs. QV 76.5 C676 2004.
CRC Ethnobotany Desk Reference. QV 760 J69c 1999.
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.

4. DICTIONARIES and ENCYCLOPEDIAS
Items marked as being available through StatRef! can be accessed by clicking on its label and authenticating. Many dictionaries and encyclopedias can be found on the Reserve and Reference sections in this pathfinder.

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.
Dictionaries of medications and medical terms, but also information about symptoms and signs, procedures and tests, diseases and conditions, and health and living.

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. (On order).

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


b. ENCYCLOPEDIAS

MedlinePlus. Encyclopedia of Medicine. This resource includes a section on Drugs and Supplements.

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.

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.
6. RESEARCH DATABASES  Most of the following databases can be accessed through the Quick Links list on the HPD Library homepage. [www.nova.edu/hpdlibrary](http://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 1980-2007. For help using this resource see the tutorial “How to Search Web of Science” created by the [University of British Columbia Library staff](http://www.bǔtǐ.cǐgǔlǐ.shè).  

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

**Lexicomp:** Develops and distributes clinical information regarding diagnosis, drug therapy, and patient counseling.  

**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.  

**Micomedex:** 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.  

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

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](http://www.ejournalsinpharmacy.com).

*American journal of health-system pharmacy:* AJHP.  
ISSN: 1079-2082. Coverage 2002 to present.

*Community Pharmacy.*  
ISSN: 0960-376X. Coverage 1998 to present.

*Drug development and industrial pharmacy.*  
ISSN: 0363-9045 Online ISSN: 1520-5762. Coverage 1999 to present. (Embargo: 12 months)

*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.

*The Journal of Pharmacy & Law.*  

*Journal of Pharmacy & Pharmaceutical Sciences.*  

*Journal of Pharmacy and Pharmacology.*
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.

**Alimentary Pharmacology & Therapeutics**  
ISSN: 0269-2813 Online ISSN: 1365-2036. Coverage 1987 to present.

**Alimentary Pharmacology & Therapeutics Symposium Series**  
ISSN: 1746-6334 Online ISSN: 1746-6342. Coverage 2005 to present.

**Annual Review of Pharmacology and Toxicology**  

**Autonomic and Autacoid Pharmacology**  
ISSN: 1474-8665 Online ISSN: 1474-8673. Coverage 1997 to present.

**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.

Canadian Journal of Physiology and Pharmacology
ISSN: 0008-4212 Online ISSN: 1205-7541. Coverage 2005 to present (Embargo: 6 months).

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.

Comparative Biochemistry and Physiology. Part C, Comparative Pharmacology
ISSN: 0306-4492. Coverage 1995 to present.

Comparative Biochemistry and Physiology. Part C, Pharmacology, Toxicology and Endocrinology.
Coverage 1993 to present.

Environmental Toxicology and Pharmacology
ISSN: 1382-6689. Coverage 1996 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

Indian Journal of Pharmacology
ISSN: 0253-7613. Coverage 2004 to present.

The Internet Journal of Pharmacology
ISSN: 1531-2976 Online ISSN: 1531-2976. Coverage 2000 to present.

The Japanese Journal of Pharmacology

Journal of Autonomic Pharmacology
ISSN: 0144-1795 Online ISSN: 1365-2680. Coverage 1997 to present.

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

Journal of Ocular Pharmacology and Therapeutics
ISSN: 1080-7683. Coverage 1998 to present (Embargo: 3 months).

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.

Journal of Physiology and Pharmacology
ISSN: 0867-5910. Coverage 2000 to present.

Journal of Veterinary Pharmacology and Therapeutics
ISSN: 0140-7783 Online ISSN: 1365-2885. Coverage 1997 to present.

Molecular Pharmacology
ISSN: 0026-895X Online ISSN: 1521-0111. Coverage 1997 to present (Embargo: 1 year).

Naunyn-Schmiedeberg's Archives of Pharmacology
ISSN: 0028-1298 Online ISSN: 1432-1912. Coverage 1997 to present.

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

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

Pharmacology & Therapeutics. Part A: Chemotherapy, Toxicology and Metabolic Inhibitors
ISSN: 0362-5478. Coverage 1995 to present

Pharmacology & Therapeutics. Pharmacology & Therapeutics. Part B: General and Systematic Pharmacology
ISSN: 0306-039X. Coverage 1995 to present.

Pharmacology, Biochemistry and Behavior
ISSN: 0091-3057. Coverage 1995 to present.

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

Vascular Pharmacology
ISSN: 1537-1891 Online ISSN: 0306-3623. Coverage 2002 to present.

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.

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.
9. **ONLINE BOOKS:** To access these and other books click on the following link: [Electronic books in pharmacy and pharmacology](#).

10. **USEFUL 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.
    - **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 Health Science Guide.** 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.

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.
    - **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.

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.


13. PROFESSIONAL ASSOCIATIONS

Google Pharmacy Directory. Google lists not only pharmacy and pharmacological organizations, but also directories, drugs and medications, employment services, pharmaceutical organizations, pharmacies, prescription services, and schools of pharmacy.

14. OTHER PATHFINDERS with ADDITIONAL SUGGESTED LINKS

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

University of Pittsburgh’s Health Sciences Library System. Pharmacy, Pharmacology & Therapeutics. An outstanding subject guide, covering a huge variety of resources.

University of Wisconsin-Madison’s Ebling Library. Extremely rich in pharmacy resources.

Universitat de Barcelona (In English and Spanish). Unusually comprehensive listing of online Pharmacy and Pharmacology sites chosen from throughout the world. A good place to find links to sites not usually found elsewhere. http://www.bib.ub.es/www4/4ainfarma.htm

15. TUTORIALS for NSU DATABASES:

HPD produced tutorials: http://www.nova.edu/hpdlibrary/tutorials.html
Tutorials developed by the Main Library:

http://www.nova.edu/library/help/techhelp.html
EBSCOhost tutorials and knowledge base.
Ovid Technologies, Inc. tutorials.

16. DISSERTATIONS

For dissertations please follow this link: Dissertations

August, 2007