Basic Resources for Pharmacy Education

February 2020 Edition

A Service Project of the

Library and Information Sciences Section of the

American Association of Colleges of Pharmacy

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Basic Resources for Pharmacy Education is produced as a guide for those who manage library collections that serve colleges of pharmacy. This list contains recommendations for works to be included in pharmacy library collections. The books and other works recommended in the Basic Resources are suitable for all pharmacy college libraries, but all pharmacy college libraries need not purchase every title in the list. Each pharmacy college has its own mission and its own program(s), and so each college’s library collection must reflect that mission and support the college’s program(s). Excellent library collections are built by knowledgeable librarians using their professional judgment along with the expertise of the college’s faculty. Basic Resources, therefore, should not be used as a benchmark and is not prescriptive, but is instead a starting place for librarians who are building a new collection or maintaining an established one.

Producing Basic Resources is a community effort. Each subject section is reviewed every three years by a contributor who makes suggestions for additions and deletions. Then, the editors compile the recommended additions and deletions for that review cycle and an advisory panel of pharmacy librarians and faculty members vote on the suggested changes. Approved changes are subsequently incorporated into the list’s database. There are two review cycles each year so that two sets of sections are reviewed during the course of one year. Our goal is to review the entire list every three years and to publish Basic Resources semiannually. Sections updated since the last (July 2019) edition are B.0 Pharmaceutical Sciences, D.3.f Pediatrics, E.0 Pharmaceutical Care, E.1.0 Health Care Policy, E.2.0 Patient Related Activities, E.2.a Disease State Management, E.2.b Self Care (OTCs), E.3.0 Pharmacists’ Professional Development, E.3.a Communication Skills, E.3.b Education, E.3.d Cultural Competency

We welcome volunteers, either to contribute to Basic Resources by reviewing sections or to serve on our advisory panel, or both. For more information about how the list is maintained or to volunteer to work on it, please contact Jason Guy (guyj@findlay.edu) or Ivan Portillo (iportillo@chapman.edu).
Subject Classification of the
Basic Resources for Pharmacy Education

A.0 BASIC SCIENCES
   A.1. GENERAL CHEMISTRY
   A.2 BIOCHEMISTRY (see also B.1 MEDICINAL CHEMISTRY)
   A.3 IMMUNOLOGY
   A.4.0 MICROBIOLOGY
      A.4.a MOLECULAR BIOLOGY AND BIOTECHNOLOGY

B.0 PHARMACEUTICAL SCIENCES
   B.1 MEDICINAL CHEMISTRY
   B.2 PHARMACOGNOSY AND NATURAL PRODUCTS (see also
      D.3.C NUTRITION AND NUTRACEUTICALS)
   B.3.0 PHARMACEUTICS
      B.3.a BIOPHARMACEUTICS AND PHARMACOKINETICS
   B.4.0 DRUG DESIGN, DISCOVERY, AND DEVELOPMENT (see
      also B.5.0 INDUSTRIAL)
   B.5.0 INDUSTRIAL
   B.6.0 COSMETICS
   B.7.0 NUCLEAR AND RADIOPHARMACY
   B.8.0 PHARMA
      B.8.a.0 TOXICOLOGY
      B.8.a.1 DRUG ADVERSE REACTIONS, INTERACTIONS,
         AND SIDE EFFECTS (see also D.3.0 THERAPETUICS)
      B.8.b VETERINARY PHARMACOLOGY
   B.9 PHARMACOGENETICS & PHARMACOGENOMICS

C.0 MEDICAL SCIENCES
   C.1 ANATOMY AND PHYSIOLOGY

D.0 CLINICAL SCIENCES
   D.1 PATHOPHYSIOLOGY
   D.2 PATIENT PHYSICAL ASSESSMENT
   D.3.0 THERAPEUTICS
      D.3.a GERIATRICS
      D.3.b NEUROLOGY
      D.3.c NUTRITION AND NUTRACEUTICALS
      D.3.d ONCOLOGY AND HEMATOLOGY
      D.3.e PARENTERALS
      D.3.f PEDIATRICS
      D.3.g PSYCHIATRY
D.0 CLINICAL SCIENCES (continued)
D.3.0 THERAPEUTICS (continued)
  D.3.h SUBSTANCE ABUSE
  D.3.i SURGERY
  D.3.j PREGNANCY AND LACTATION
D.4. ALTERNATIVE MEDICINE
E.0 PHARMACEUTICAL CARE (SOCIAL, BEHAVIORAL, AND ADMINISTRATIVE PHARMACY)
  E.1.0 HEALTH CARE POLICY, SYSTEMS AND SERVICES
    E.1.a EPIDEMIOLOGY
    E.1.b PHARMACOECONOMICS
  E.2.0 PATIENT-RELATED ACTIVITIES
    E.2.a DISEASE STATE MANAGEMENT
    E.2.b SELF CARE (OTCs)
  E.3.0 PHARMACISTS’ PROFESSIONAL DEVELOPMENT
    E.3.a COMMUNICATION SKILLS
    E.3.b EDUCATION
    E.3.c INTERPROFESSIONAL EDUCATION
    E.3.d CULTURAL COMPETENCY
  E.4.0 PROFESSIONAL PRACTICE
    E.4.a COMMUNITY PHARMACY
    E.4.b HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY
    E.4.c HOME HEALTH CARE
    E.4.d MANAGED CARE
X.1.0 HISTORY†
  X.1.a CLASSICS†
X.2.0 INFORMATICS†
  X.2.a BIBLIOGRAPHIES AND LITERATURE GUIDES†
  X.2.b HANDBOOKS AND DICTIONARIES†
  X.2.c EVIDENCE-BASED PRACTICE†
X.3 LAWS, LEGISLATION, REGULATIONS, AND ETHICS†
X.4.0 METHODOLOGY, STATISTICS, AND RESEARCH DESIGN†
  X.4.a QUALITY ASSURANCE†
X.5 DIRECTORIES†
†The classifications beginning with ‘X’ may also be used as subdivisions of other classifications. Examples: A.2 - X.4.0 BIOCHEMISTRY - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN
Basic Resources for Pharmacy Education

A.0 - X.6.1.c BASIC SCIENCES - ONLINE ABSTRACTS AND INDEXES

BIOSIS previews. Clarivate Analytics, updated weekly. URL: http://wokinfo.com/products_tools/specialized/bp/


Web of Science. Clarivate Analytics, updated weekly. Available in a variety of formats and at various prices. Also known as SciSearch. URL: https://clarivate.com/products/web-of-science/

Biological Abstracts. Clarivate Analytics. URL: http://wokinfo.com/products_tools/specialized/ba/

A.1 GENERAL CHEMISTRY


A.1 - X.2.b GENERAL CHEMISTRY - HANDBOOKS AND DICTIONARIES


A.1 - X.7 GENERAL CHEMISTRY - WEB SITES


*Title recommended for first purchase
A.2 BIOCHEMISTRY


A.3 IMMUNOLOGY


A.4.0 MICROBIOLOGY


A.4.0 - X.4.0 MICROBIOLOGY-METHODOLOGY, STATISTICS AND RESEARCH DESIGN

Bacteriological analytical manual online. Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration, 1998-. URL: http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm2006949.htm

A.4.a MOLECULAR BIOLOGY AND BIOTECHNOLOGY


*Title recommended for first purchase

A.4.a - X.2.b MOLECULAR BIOLOGY AND BIOTECHNOLOGY - HANDBOOKS AND DICTIONARIES


A.4.a. – X.7 MOLECULAR BIOLOGY AND BIOTECHNOLOGY – WEB SITES


B.0 - PHARMACEUTICAL SCIENCES


B.0 - X.6.1.c PHARMACEUTICAL SCIENCES - ONLINE ABSTRACTS AND INDEXES

IPA: international pharmaceutical abstracts. Thomson Reuters. Distributed electronically on various vendor platforms. URL: http://thomsonreuters.com/products_services/science/science_products/a-z/ipa/

B.0 - X.7 PHARMACEUTICAL SCIENCES - WEB SITES

American Association of Pharmaceutical Scientists. URL: http://www.aaps.org

*Title recommended for first purchase
B.1 MEDICINAL CHEMISTRY


B.1 - X.4.0 MEDICINAL CHEMISTRY - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN


B.1 - X.7 MEDICINAL CHEMISTRY - WEB SITES

European Federation for Medicinal Chemistry. URL: http://www.efmc.info/

Harrold, Marc W. Basic concepts in medicinal chemistry [tutorial]. School of Pharmacy, Duquesne, 2001-. URL: http://www.duq.edu/pharmacy/faculty/harrold/basic-concepts-in-medicinal-chemistry.cfm

American Chemical Society (Acs) Division of Medicinal Chemistry. ACS Division of Medicinal Chemistry. URL: http://acsmedchem.org/

*Title recommended for first purchase
B.1. - X.1.a MEDICINAL CHEMISTRY - CLASSICS


B.2 PHARMACOGNOSY AND NATURAL PRODUCTS


*Title recommended for first purchase
B.2 - X.1.0 PHARMACOGNOSY AND NATURAL PRODUCTS - HISTORY


B.2 - X.1.a PHARMACOGNOSY AND NATURAL PRODUCTS - CLASSICS


*Title recommended for first purchase
B.2 - X.2.b PHARMACOGNOSY AND NATURAL PRODUCTS - HANDBOOKS AND DICTIONARIES

AltMedDex system. Thomson MICROMEDEX, updated quarterly. MICROMEDEX products available to schools of pharmacy without charge when limited to teaching purposes, not clinical use. Available on CD-ROM and online. URL: http://www.micromedex.com/products/altmeddexprotocols/

Ross, Ivan A. Medicinal plants of the world: chemical constituents, traditional and modern medicinal uses. 2nd. Totowa, NJ: Humana, 2003-. ISBN: 9781588292810 (vol. 1); 9780896038776 (vol. 2); 9781588291295, (vol. 3). Vol. 1,3, $199.00 each; vol. 2 $229.00.


B.2 - X.2.b PHARMACOGNOSY AND NATURAL PRODUCTS - HANDBOOKS AND DICTIONARIES - CLASSICS


B.2 - X.4.0 PHARMACOGNOSY AND NATURAL PRODUCTS - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN


*Title recommended for first purchase
B.2 - X.4.0 PHARMACOGNOSY AND NATURAL PRODUCTS - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN - CLASSICS


B.2 - X.7 PHARMACOGNOSY AND NATURAL PRODUCTS - WEB SITES


American Society of Pharmacognosy. The Society. URL: http://www.pharmacognosy.us

American Botanical Council. Includes online Commission E monographs, Herbalgram, ABC Clinical Guide. URL: http://abc.herbalgram.org/


B.3.0 PHARMACEUTICS


*Title recommended for first purchase


B.3.0 - X.1a PHARMACEUTICS - CLASSICS


B.3.0 - X.7 PHARMACEUTICS - WEB SITES

International Academy of Compounding Pharmacists. International Academy of Compounding Pharmacists. URL: http://www.iacprx.org/

Shrewsbury, Robert. Pharmaceutics and compounding laboratory. School of Pharmacy, University of North Carolina, 1999. URL: http://pharmlabs.unc.edu/

*Title recommended for first purchase
B.3.a BIOPHARMACEUTICS AND PHARMACOKINETICS


B.3.a - X.1.a BIOPHARMACEUTICS AND PHARMACOKINETICS - CLASSICS


B.3.a - X.4.0 BIOPHARMACEUTICS AND PHARMACOKINETICS - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN


*Title recommended for first purchase
**B.3.a - X.7 BIOPHARMACEUTICS - WEB SITES**

The Biopharmaceutics Classification System (BCS) guidance. U.S. Food and Drug Administration.
URL: https://www.fda.gov/aboutfda/centersoffices/officeofmedicalproductsandtobacco/cder/ucm128219.htm

**B.4.0 DRUG DESIGN, DISCOVERY, AND DEVELOPMENT**

*Smith and Williams' introduction to the principles of drug design and action. 4th. Boca Raton, FL: CRC Press, 2005. ISBN: 9780415288774. $145.00; also available as ebook.


*Title recommended for first purchase
B.4.0 - X.1.0 DRUG DESIGN, DISCOVERY, AND DEVELOPMENT - HISTORY


B.5.0 INDUSTRIAL


Ding, Min; Eliasberg, Jehoshua; and Stremersch, Stefan. Innovation and marketing in the pharmaceutical industry. New York: Springer, 2014. ISBN: 9781461478003. $179.00.

B.5.0 - X.1.a INDUSTRIAL - CLASSICS


B.5.0 - X.4.a INDUSTRIAL - QUALITY ASSURANCE


*Title recommended for first purchase
B.5.0 - X.5 INDUSTRIAL - DIRECTORIES


B.5.0 - X.7 INDUSTRIAL - WEB SITES

International Society for Pharmaceutical Engineering. ISPE, 1997-. URL: https://www.ispe.org

Nipte. National Institute for Pharmaceutical Technology & Education. NIPTE. URL: https://nipte.org/

Pharmahub. Engineering Virtual Organization for Pharmaceutical Engineering and Science. pharmaHUB. URL: https://pharmahub.org

Pharmaceutical Research and Manufacturers of America. Pharmaceutical Research and Manufacturers of America. PhRMA. URL: https://www.phrma.org/

B.6.0 COSMETICS


B.6.0 - X.2.b COSMETICS - HANDBOOKS AND DICTIONARIES


*Title recommended for first purchase
**B.7.0 NUCLEAR AND RADIOPHARMACY**


**B.7.0 - X.2.b NUCLEAR AND RADIOPHARMACY - HANDBOOKS AND DICTIONARIES**


**B.8.0 PHARMACOLOGY**


*Title recommended for first purchase


B.8.0 - X.1.a PHARMACOLOGY - CLASSICS


B.8.0 - X.7 PHARMACOLOGY - WEB SITES

DrugBank – Open Data Drug & Drug Target Database. URL: http://www.drugbank.ca/

Clinical pharmacology. Gold Standard. Price dependent on number of student FTEs; price also includes mobile access; price does not include access for adjunct professors or preceptors; eligible for discount through letter of incorporation, contact rep for more information on details of eligibility. URL: http://www.clinicalpharmacology.com/

*Title recommended for first purchase
B.8.a.0 TOXICOLOGY


*Title recommended for first purchase
B.8.a.0 - X.2.b TOXICOLOGY - HANDBOOKS AND DICTIONARIES


B.8.a.0 - X.4.0 TOXICOLOGY - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN


B.8.a.0 - X.4.0 TOXICOLOGY - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN - CLASSICS


B.8.a.0 - X.6.1.0 TOXICOLOGY - ONLINE RESOURCES

RTECS: Registry of toxic effects of chemical substances. BIOVIA. Various providers with multiple pricing options. URL: http://www.3dsbiovia.com/products/collaborative-science/databases/bioactivity-databases/rtecs.html

POISINDEX system. Truven Health Analytics, updated quarterly. Online only; available separately or as part of MICROMEDEX database. URL: http://www.micromedex.com

*Title recommended for first purchase
B.8.a.0 - X.7 TOXICOLOGY - WEB SITES


B.8.a.0 TOXICOLOGY - CLASSICS


B.8.a.1 DRUG ADVERSE REACTIONS, INTERACTIONS, AND SIDE EFFECTS


*Title recommended for first purchase


Goldberg, Joseph F.; and Ernst, Carrie L. Managing the side effects of psychotropic medications. 2nd. Washington, D.C.: American Psychiatric Association, 2019. ISBN: 9781615372034. $75.00; also available as ebook.


B.8.a.1 - X.1.a DRUG ADVERSE REACTIONS, INTERACTIONS, AND SIDE EFFECTS - CLASSICS


B.8.a.1 - X.7 DRUG ADVERSE REACTIONS, INTERACTIONS, AND SIDE EFFECTS - WEB SITES


SIDER (Side Effects Resource) Database. European Molecular Biology Laboratory Free. URL: http://sideeffects.embl.de

Database of Antiretroviral Drug Interactions. Center for HIV Information, University of California, San Francisco. URL: http://hivinsite.ucsf.edu/interactions


*Title recommended for first purchase
Foucher, Pascal; Camus, Philippe. The Drug-Induced Respiratory Disease Website. Department of Pulmonary Diseases and Intensive Care Unit, University Hospital, Dijon, France. URL: http://www.pneumotox.com/

Crediblemeds. QT drug lists by risk groups. Arizona CERT (Center for Education and Research on Therapeutics). URL: http://crediblemeds.org

**B.8.a.1 DRUG ADVERSE REACTIONS, INTERACTIONS, AND SIDE EFFECTS - CLASSICS**


**B.8.b VETERINARY PHARMACOLOGY**


**B.8.b - X.2.b VETERINARY PHARMACOLOGY - HANDBOOKS AND DICTIONARIES**


*Title recommended for first purchase


B.9 PHARMACOGENETICS & PHARMACOGENOMICS


B.9 - X.2.a PHARMACOGENETICS & PHARMACOGENOMICS - HANDBOOKS AND DICTIONARIES


*Title recommended for first purchase
C.0 - X.2.b MEDICAL SCIENCES (SCIENCES BASIC TO MEDICINE) - HANDBOOKS AND DICTIONARIES


C.0 - X.6.1.c MEDICAL SCIENCES (SCIENCES BASIC TO MEDICINE) - ONLINE ABSTRACTS AND INDEXES


Google Scholar. Google. URL: http://scholar.google.com/ Free


CINAHL. CINAHL Information Systems. Available online in four versions through EBSCOhost. URL: http://www.ebscohost.com/cinahl

EMBASE. Elsevier. Available online at various prices. URL: http://www.embase.com

C.1 ANATOMY AND PHYSIOLOGY


*Title recommended for first purchase


D.0 – X.7 CLINICAL SCIENCES – WEB SITES


Journal Watch. Massachusetts Medical Society. URL: http://www.jwatch.org/ Free


Drugs @ FDA. US Food and Drug Administration. URL: http://www.accessdata.fda.gov/scripts/cder/drugsatfda/index.cfm Free


D.1 PATHOPHYSIOLOGY


*Title recommended for first purchase
D.2 PATIENT PHYSICAL ASSESSMENT


D.3.0 THERAPEUTICS


*Title recommended for first purchase


*Title recommended for first purchase
**D.3.a GERIATRICS**


**D.3.a - X.2.b GERIATRICS - HANDBOOKS AND DICTIONARIES**


**D.3.a - X.7 GERIATRICS - WEB SITES**


**D.3.b NEUROLOGY**


*Title recommended for first purchase


D.3.c NUTRITION AND NUTRACEUTICALS


D.3.c - X.1.a NUTRITION AND NUTRACEUTICALS -CLASSICS


*Title recommended for first purchase
D.3.c - X.7 NUTRITION AND NUTRACEUTICALS - WEB SITES


*Natural Medicines. Therapeutic Research Center. Price based on FTEs. URL: https://naturalmedicines.therapeuticresearch.com/

MedlinePlus Herbs and Supplements. URL: http://www.nlm.nih.gov/medlineplus/druginfo/herb_All.html


The Office of Dietary Supplements. URL: http://ods.od.nih.gov/

Dietary Supplement Ingredient Database. Nutrient Data Laboratory in collaboration with Office of Dietary Supplements. URL: http://dietarysupplementdatabase.usda.nih.gov/

D.3.d ONCOLOGY AND HEMATOLOGY


*Title recommended for first purchase
D.3.e PARENTERALS


D.3.f PEDIATRICS


D.3.f - X.2.b PEDIATRICS - HANDBOOKS AND DICTIONARIES


D.3.g PSYCHIATRY


*Title recommended for first purchase


D.3.g - X.2.b PSYCHIATRY - HANDBOOKS AND DICTIONARIES


D.3.h SUBSTANCE ABUSE


*Title recommended for first purchase

D.3.h - X.2.b SUBSTANCE ABUSE - HANDBOOKS AND DICTIONARIES


D.3.h - X.7 SUBSTANCE ABUSE - WEB SITES

Alcohol and Drug Abuse Institute. University of Washington. URL: http://adai.washington.edu/

Substance Abuse and Mental Health Services Administration. SAMHSA. URL: http://www.samhsa.gov


National Institute on Alcohol Abuse and Alcoholism. National Institute on Alcohol Abuse and Alcoholism. URL: http://www.niaaa.nih.gov/

D.3.i SURGERY


*Title recommended for first purchase


D.3.j Pregnancy and Lactation


D.4 ALTERNATIVE MEDICINE


*Title recommended for first purchase


D.4 - X.7 ALTERNATIVE MEDICINE - WEB SITES


E.0 - X.4.0 PHARMACEUTICAL CARE (SOCIAL, BEHAVIORAL, AND ADMINISTRATIVE PHARMACY) - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN


E.0 PHARMACEUTICAL CARE (SOCIAL, BEHAVIORAL, AND ADMINISTRATIVE PHARMACY)


E.0 - X.6.1.c PHARMACEUTICAL CARE (SOCIAL, BEHAVIORAL, AND ADMINISTRATIVE PHARMACY) - ONLINE ABSTRACTS AND INDEXES


*Title recommended for first purchase
E.1.0 HEALTH CARE POLICY, SYSTEMS AND SERVICES


E.1.a EPIDEMIOLOGY


E.1.a - X.7 EPIDEMIOLOGY - WEB SITES

International Society for Pharmacoepidemiology. ISPE. URL: http://www.pharmacoepi.org/

E.1.a -X.1.a. EPIDEMIOLOGY - CLASSICS


*Title recommended for first purchase
E.1.b PHARMACOECONOMICS


E.1.b - X7 PHARMACOECONOMICS - WEB SITES

International Society for Pharmacoeconomics and Outcomes Research. ISPOR. URL: http://www.ispor.org/

E.2.0 PATIENT-RELATED ACTIVITIES


*Title recommended for first purchase


E.2.a DISEASE STATE MANAGEMENT


E.2.b - X.2.b SELF CARE (OTCs) - HANDBOOKS AND DICTIONARIES


*Title recommended for first purchase

E.3.0 PHARMACISTS' PROFESSIONAL DEVELOPMENT


Boyle, Jaclyn; King, Benjamin; Czenkner, Rayna; Wolfe, Lauren; Lamb, Margaret; Drinsky Daniel. Career paths in community pharmacy: an ASHP eReport. 2015. ISBN: 9781585285228. $9.95.


*Title recommended for first purchase
E.3.a COMMUNICATION SKILLS


E.3.b EDUCATION


*Title recommended for first purchase


**E.3.b - X.1.0 EDUCATION - HISTORY**


*Title recommended for first purchase*
E.3.b - X.1.a EDUCATION - CLASSICS


E.3.b - X.7 EDUCATION - WEB SITES

American Association of Colleges of Pharmacy. American Association of Colleges of Pharmacy. URL: http://www.aacp.org

*Accreditation Council for Pharmacy Education. Accreditation Council for Pharmacy Education. URL: https://www.acpe-accredit.org

E.3.c INTERPROFESSIONAL EDUCATION


Weiss, Donna; Tilin, Felice; and Morgan, Marlene. The interprofessional health care team: leadership and development. Burlington, MA: Jones & Bartlett Learning, 2014. ISBN: 9781449673369. $64.95.


*Title recommended for first purchase


American Interprofessional Health Collaborative. URL: http://www.aihc-us.org/

National Center for Interprofessional Practice and Education. URL: https://nexusipe.org/

Centre for the Advancement of Interprofessional Education (CAIPE). URL: http://www.caipe.org.uk/

Interprofessional Education Collaborative. 2019. URL: https://www.ipecollaborative.org/


*Title recommended for first purchase


*Sorajjakool, Siroj; Carr, Mark F.; and Nam, Julius J. World religions for healthcare professionals. 2nd. New York: Routledge, 2017. ISBN: 9781138189140. $49.95.


**E.4.0 PROFESSIONAL PRACTICE**


*Title recommended for first purchase


**E.4.0 - X.3 PROFESSIONAL PRACTICE - LAWS, LEGISLATION, REGULATIONS, AND ETHICS**


**E.4.0 - X.7 PROFESSIONAL PRACTICE - WEB SITES**

National Community Pharmacists Association. NCPA. URL: http://www.ncpanet.org/
American Society of Health-System Pharmacists. ASHP. URL: http://www.ashp.org
American College of Apothecaries. URL: http://www.americancollegeofapothecaries.com/
Pharmacy Compounding Accreditation Board. PCAB. URL: http://www.pcab.info/
American Pharmacists Association. APHA. URL: http://www.pharmacist.com
National Alliance of State Pharmacy Associations. NASPA. 2011. URL: http://www.ncspae.org

*Title recommended for first purchase*
E.4.a COMMUNITY PHARMACY


E.4.a - X.1.a COMMUNITY PHARMACY - CLASSICS


E.4.a - X.7 COMMUNITY PHARMACY - Web Sites


E.4.b HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY

Comprehensive accreditation manual for long term care (CAMLTC).  Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations,  loose-leaf, updated biannually. ISBN: 97815999405735.  $332.00; updates, $250.00; both, $582.00.

*Title recommended for first purchase
Comprehensive accreditation manual for hospitals (CAMH): the official handbook. Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations, loose-leaf, updated biannually. ISBN: 9781599405698. $469.00; updates, $350.00; both, $819.00.


E.4.b - X.3 HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY - LAWS, LEGISLATION, REGULATIONS, AND ETHICS


E.4.b - X.5 HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY - DIRECTORIES


E.4.b - X.7 HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY - WEB SITES


E.4.b – X.1.a HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY - CLASSICS


*Title recommended for first purchase

E.4.c HOME HEALTH CARE


E.4.d MANAGED CARE


E.4.d - X.1.a MANAGED CARE - CLASSICS


*Title recommended for first purchase
E.4.d - X.7 MANAGED CARE - WEB SITES


*Academy of Managed Care Pharmacy. Academy of Managed Care Pharmacy, 1989-. URL: http://www.amcp.org/


X.1.0 HISTORY


*Title recommended for first purchase


X.1.0 - X.1.a HISTORY - CLASSICS


X.1.0 - X.2.a HISTORY - BIBLIOGRAPHIES AND LITERATURE GUIDES


*Title recommended for first purchase

X.1.0 – X.7 HISTORY – WEBSITES

Pharmacy, American Institute of the History Of. URL: https://aihp.org/

X.1.a CLASSICS


*Title recommended for first purchase


X.2.0 INFORMATICS


X.2.a BIBLIOGRAPHIES AND LITERATURE GUIDES


X.2.a - X.7 BIBLIOGRAPHIES AND LITERATURE GUIDES - WEB SITES

Maccara, Mary E.; Foy, Elizabeth. Drug information resources: a guide for pharmacists. Dalhousie University College of Pharmacy, 1999-. URL: http://dir.pharmacy.dal.ca/

*Title recommended for first purchase
X.2.b HANDBOOKS AND DICTIONARIES


Compendium of pharmaceuticals and specialties. Ottawa, Canada: Canadian Pharmacists Association, annual. ISBN: ISSN: 0715-3066. $489.00. Also available online.


Consolidated list of products whose consumption and/or sale have been banned, withdrawn, severely restricted or not approved by governments. 8th. New York: United Nations, 2003. ISBN: 9789211302301. $125.00.


*Title recommended for first purchase


X.2.b - X.7 HANDBOOKS AND DICTIONARIES - WEB SITES

Drugs.com. Drugsite Trust. URL: http://www.drugs.com

RxList: the Internet drug index. URL: http://www.rxlist.com


X.2.c EVIDENCE-BASED PRACTICE


*Title recommended for first purchase


X.3 LAWS, LEGISLATION, REGULATIONS, AND ETHICS


*National Association of Boards of Pharmacy. Model state pharmacy act and model rules of the National Association of Boards of Pharmacy. NABP. URL: http://www.nabp.net/publications/model-act


*Title recommended for first purchase
X.3 - X.7 LAWS, LEGISLATION, REGULATIONS, AND ETHICS - WEB SITES


National Association of Boards of Pharmacy. URL: https://nabp.pharmacy/

Federal register. Office of the Federal Register, National Archives and Records Administration. URL: https://www.federalregister.gov/


*U.S. Food and Drug Administration. FDA. URL: http://www.fda.gov/

U.S. Food and Drug Administration. Drugs. URL: http://www.fda.gov/drugs

National Association of Boards of Pharmacy. NAPLEX/MPJE Registration Bulletin. NABP, annual. URL: https://nabp.pharmacy/programs/naplex/

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