Basic Resources for Pharmacy Education

February 2018 Edition

A Service Project of the

Library and Information Sciences Section of the

American Association of Colleges of Pharmacy

Edited by Sharon Giovenale


Basic Resources for Pharmacy Education is produced as a guide for those who manage library collections that serve colleges of pharmacy. The list's editors and current contributors all work in such libraries. This list contains our 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 2017) edition are D.0 – CLINICAL SCIENCES; D.1 – PATHOPHYSIOLOGY; D.2 – PATIENT PHYSICAL ASSESSMENT; D.3.a – GERIATRICS; D.3.b – NEUROLOGY; D.3.i - SURGERY; E.4.c – HOME HEALTH CARE; E.4.d – MANAGED CARE.

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 Sharon Giovenale (mailto:Sharon.Giovenale@uconn.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 RADIONUCLIDE PHARMACOLOGY
B.8.0 PHARMACOLOGY
  B.8.a.0 TOXICOLOGY
  B.8.a.1 DRUG ADVERSE REACTIONS, INTERACTIONS, AND SIDE EFFECTS (see also D.3.0 THERAPEUTICS)
  B.8.b VETERINARY PHARMACOLOGY
  B.9 PHARMACOGENETICS AND PHARMACOGENOMICS
C.0 MEDICAL SCIENCES (SCIENCES BASIC TO MEDICINE)
  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.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**


**A.1 GENERAL CHEMISTRY**


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


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


**A.2 BIOCHEMISTRY**


**A.3 IMMUNOLOGY**


*Title recommended for first purchase.
Murphy, Ken; Travers, Paul; and Walport, Mark, eds. Janeway's immunobiology. 8th ed. New York: Garland Science; 2011. ISBN: 9780815342434. $140.00.


A.4.0 MICROBIOLOGY


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

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

*Title recommended for first purchase.
**A.4.a MOLECULAR BIOLOGY AND BIOTECHNOLOGY**


Glick, Bernard R.; Delovitch, Terry L.; and Patten, Cheryl L. Medical biotechnology. Washington, DC, 2014. ISBN: 9781555817053. $120.00.


**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**


*Title recommended for first purchase.*
**B.0 - X.7 PHARMACEUTICAL SCIENCES - WEB SITES**

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

**B.1 MEDICINAL CHEMISTRY**


**B.1. – X.1.a MEDICINAL CHEMISTRY - CLASSICS**


**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/

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

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

*Title recommended for first purchase.*
B.2 PHARMACOGNOSY AND NATURAL PRODUCTS


Tracy, Timothy S; and Kingston, Richard L. Herbal Products Toxicology and Clinical Pharmacology. 2nd ed. Totowa, New Jersey, 2007. ISBN: 9781588293138 $249.00 and up depending on format

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


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

*Title recommended for first purchase.

**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**


**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


**B.3.0 PHARMACEUTICS**


*Title recommended for first purchase.


**B.3.0 - X.1a PHARMACEUTICS - CLASSICS**


*Title recommended for first purchase.*
**B.3.0 - X.7 PHARMACEUTICS - WEB SITES**

International Academy of Compounding Pharmacists Missouri City, TX: 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/

**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**


Yan, Qing, ed. Pharmacogenomics in drug discovery and development. 2nd ed. Totowa, NJ: Humana; 2014. ISBN: 9781493909551. $139.00.

**B.4.0 - X.1.0 DRUG DESIGN, DISCOVERY, AND DEVELOPMENT - HISTORY**


*Title recommended for first purchase.


**B.5.0 INDUSTRIAL**

Ding, Min; Eliasberg, Jehoshua; and Stremersch, Stefan, eds. 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**


**B.5.0 - X.5 INDUSTRIAL - DIRECTORIES**


**B.5.0 - X.7 INDUSTRIAL - WEB SITES**

ISPE: International Society for Pharmaceutical Engineering: ISPE; 1997-. URL: http://www.ispe.org


**B.6.0 COSMETICS**


Elsner, Peter; Maibach, Howard I., eds. Cosmeceuticals and active cosmetics drugs versus cosmetics. 3rd

*Title recommended for first purchase.


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


B.7.0 NUCLEAR AND RADIOPHARMACY


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


*Title recommended for first purchase.
B.8.0 PHARMACOLOGY


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


*Craig, Charles R.; Stitzel, Robert E. Modern pharmacology with clinical applications. 6th ed.

*Title recommended for first purchase.
B.8.0 - X.7 PHARMACOLOGY - WEB SITES

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


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.6.1.0 TOXICOLOGY - ONLINE RESOURCES**

POISINDEX system. Truven Health Analytics. updated quarterly URL: [http://www.micromedex.com](http://www.micromedex.com).


**B.8.a.0 - X.7 TOXICOLOGY - WEB SITES**


*Title recommended for first purchase.*
B.8.a.1 DRUG ADVERSE REACTIONS, INTERACTIONS, AND SIDE EFFECTS


*Title recommended for first purchase.
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

Database of antiretroviral drug interactions: Center for HIV Information, University of California, San Francisco. URL: http://hivinsite.ucsf.edu/InSite?page=ar-00-02


QT drug lists by risk groups: Center for Education and Research on Therapeutics, The Critical Path Institute, University of Arizona. URL: http://www.arizonacert.org/medical-pros/drug-lists/drug-lists.cfm

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

B.8.b VETERINARY PHARMACOLOGY


*Title recommended for first purchase.
### B.8.b - X.2.b VETERINARY PHARMACOLOGY - HANDBOOKS AND DICTIONARIES


### B.9 PHARMACOGENETICS & PHARMACOGENOMICS


*Title recommended for first purchase.*
B.9 - X.2.a PHARMACOGENETICS & PHARMACOGENOMICS - HANDBOOKS AND DICTIONARIES


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 Mountain View, CA: Google. URL: http://scholar.google.com/ Free


C.1 ANATOMY AND PHYSIOLOGY


*Title recommended for first purchase.
9781420043907. $80.95; also available as eBook.


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


Drugs @ FDA Silver Spring, MD: US Food and Drug Administration. URL: http://www.accessdata.fda.gov/scripts/cder/drugsatfda/index.cfm Free Keep R. Beckett 1/2018


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


D.1 PATHOPHYSIOLOGY


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


D.3.0 THERAPEUTICS


*Title recommended for first purchase.
9780911910193. $79.95.


*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**

Merck manual for health care professionals: geriatrics Whitehouse Station, NJ: Merck. URL: www.merckmanuals.com/professional/geriatrics.html

**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


D.3.c - X.7 NUTRITION AND NUTRACEUTICALS - WEB SITES

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


*Natural Medicines. Therapeutic Research Center. URL: https://naturalmedicines.therapeuticresearch.com/.

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


D.3.d ONCOLOGY AND HEMATOLOGY


*Devita, Hellmann, and Rosenberg's cancer: principles and practice of oncology. 10th ed. Philadelphia:

*Title recommended for first purchase.


Mendelsohn, John; Howley, Peter; Israel, Mark; Gray, Joe; Thompson, Craig, eds. The molecular basis of cancer. 4th ed. Philadelphia: Saunders; 2014. ISBN: 9781455740666. $218.00.


**D.3.e PARENTERALS**


**D.3.f PEDIATRICS**


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


*Title recommended for first purchase.
and in CD-ROM and handheld versions.

**D.3.g PSYCHIATRY**


**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 Seattle, WA: 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/

National Institute on Drug Abuse: National Institute on Drug Abuse. URL: http://www.drugabuse.gov/

*Title recommended for first purchase.
D.3.i SURGERY


D.4 ALTERNATIVE MEDICINE


*Title recommended for first purchase.

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


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


*Rickles, Nathaniel M.; Wertheimer, Albert I.; Smith, Mickey C., eds. Social and behavioral aspects of pharmaceutical care. 2nd ed. Sudbury, MA: Jones and Bartlett; 2010. ISBN: 9780763764081. $112.00; also available as an e-book.


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


*Title recommended for first purchase.
E.0 - X.6.1.c PHARMACEUTICAL CARE (SOCIAL, BEHAVIORAL, AND ADMINISTRATIVE PHARMACY) - ONLINE ABSTRACTS AND INDEXES


E.1.0 HEALTH CARE POLICY, SYSTEMS AND SERVICES


E.1.a EPIDEMIOLOGY


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


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

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

E.1.b PHARMACOECONOMICS


*Title recommended for first purchase.


**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**


**E.2.a DISEASE STATE MANAGEMENT**

*Blenkinsopp, Alison; Paxton, Paul; Blenkinsopp, John. Symptoms in the pharmacy; a guide to the management of common illness. 6th ed. Malden, MA, 2009. ISBN: 9781405180795. $64.95.


*Title recommended for first purchase.


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


**E.3.0 PHARMACISTS' PROFESSIONAL DEVELOPMENT**

Bookstaver, P. Brandon; Rudisill-Caulder, Celeste; Smith, Kelly M.; Quidley, April D. Roadmap to postgraduate training in pharmacy. New York, 2013. ISBN: 9780071788755. $75.00.


Boyle, Jaclyn; King, Benjamin; Czenkner, Rayna; Wolfe, Lauren; Lamb, Margaret; Drinsky Daniel, eds. Career paths in community pharmacy: an ASHP eReport2015. ISBN: 9781585285228. $9.95.


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


E.3.b EDUCATION


Hall, Gary D.; Reiss, Barry S. Lange Q&A pharmacy. 10th ed. New York, 2011. ISBN: 9780071740678. $61.00; also available as an e-book.


Roblyer, Margaret D. Integrating educational technology into teaching. 7th ed. Boston, 2015. ISBN:

*Title recommended for first purchase.

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


**E.3.b - X.1.a EDUCATION - CLASSICS**


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

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


**E.3.c INTERPROFESSIONAL EDUCATION**


*Title recommended for first purchase.


Weiss, Donna; Tilin, Felice; and Morgan, Marlene. The interprofessional health care team: leadership and development. Burlington, MA, 2914. ISBN: 9781449673369. $64.95.

E.3.c - X.7 INTERPROFESSIONAL EDUCATION - WEB SITES

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

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

International Association for Interprofessional Education and Collaborative Practice. URL: http://www.interedhealth.org/

E.3.d CULTURAL COMPETENCY


Liu, Min; Butler, Lakesha M. Patient Communication for Pharmacy. A case-study approach on theory and

*Title recommended for first purchase.


Sobo, Elisa J. The cultural context of health, illness, and medicine. 2nd ed. Santa Barbara, Calif., 2010. ISBN: 9780313377853. $49.00.


Stuart, Barbara; Cherry, Catherine; and Stuart, Jill. Pocket guide to culturally sensitive health care. 2nd ed. Philadelphia, PA, 2011. ISBN: 9780803622630. $34.95.


**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

American College of Apothecaries. URL: http://www.americancollegeofapothecaries.com/

American Pharmacists Association: APHA. URL: http://www.pharmacist.com

American Society of Health-System Pharmacists: ASHP. URL: http://www.ashp.org

National Community Pharmacists Association: NCPA. URL: http://www.ncpanet.org/

Pharmacy Compounding Accreditation Board: PCAB. URL: http://www.pcab.info/


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 ambulatory care (CAMAC). Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations; loose-leaf, updated biannually. ISBN: 9781599409511. $374.00; updates, $274.00.

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.

Comprehensive accreditation manual for long term care (CAMLTC). Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations; loose-leaf, updated biannually. ISBN: 9781599405735. $332.00; updates, $250.00; both, $582.00.

*Title recommended for first purchase.
E.4.b – X.1.a HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY - CLASSICS


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

PPMI: Pharmacy Practice Model Initiative Bethesda: American Society of Health-System Pharmacists. URL: http://www.ashpmedia.org/ppmi/


E.4.c HOME HEALTH CARE


*Title recommended for first purchase.
E.4.d MANAGED CARE


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


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/

Centers for Medicare and Medicaid Services: Centers for Medicare and Medicaid Services; 2005. URL: http://www.cms.hhs.gov/


X.1.0 HISTORY


Griffenhagen, George B.; Higby, Gregory J.; Sonnedecker, Glenn; Swann, John Patrick, eds. 150 years of

*Title recommended for first purchase.


*Title recommended for first purchase.
X.1.0 - X.1.a HISTORY - CLASSICS


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


X.1.a CLASSICS


Wertheimer, Albert I., ed. Final report of the Kellogg Pharmaceutical Clinical Scientist Program.

*Title recommended for first purchase.


**X.2.0 INFORMATICS**


**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/

**X.2.a BIBLIOGRAPHIES AND LITERATURE GUIDES**


**X.2.b HANDBOOKS AND DICTIONARIES**


Compendium of pharmaceuticals and specialties. Ottawa, Canada: Canadian Pharmacists Association; annual. ISBN. 2007, $210.00. Also available online.

Consolidated list of products whose consumption and/or sale have been banned, withdrawn, severely restricted or not approved by governments. 8th ed. New York: United Nations; 2003. ISBN: 97892111302301. $125.00.

*Title recommended for first purchase.


IDENTIDEX system. Greenwood Village, CO: Thomson MICROMEDEX; 1974. ISBN. MICROMEDEX products available to schools of pharmacy without charge when limited to teaching purposes, not clinical use. Available on CD-ROM and online.


*Physicians' desk reference (PDR). Montvale, NJ: Thomson PDR; annual. ISBN: 9781563635687. 2006, $94.95. Also available online, on CD-ROM, and PDA.


*Title recommended for first purchase.


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

Drugs.com Auckland, New Zealand: Drugsite Trust. URL: http://www.drugs.com

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


**X.2.c EVIDENCE-BASED PRACTICE**


*Bryant, Patrick J.; Pace, Heather A. The pharmacist's guide to evidence-based medicine for clinical decision making. Bethesda, MD, 2008. ISBN: 9781585281770. $68.00.


Straus, Sharon E., ed. Evidence-based medicine: how to practice and teach it. 4th ed. Edinburgh:

*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 Mount Prospect, ILL: NABP. URL: http://www.nabp.net/publications/model-act

*National Association of Boards of Pharmacy, ed. Survey of pharmacy law. Mount Prospect, IL: NABP; annual. ISBN. CD-ROM, $195.00. Free of charge to all final-year pharmacy students through a grant.


**X.3 - X.7 LAWS, LEGISLATION, REGULATIONS, AND ETHICS - WEB SITES**


National Association of Boards of Pharmacy. URL: http://www.nabp.net/

*Title recommended for first purchase.

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

Pharmacy, National Association of Boards Of. NAPLEX/MPJE Registration Bulletin Mount Prospect, IL: NABP; annual. URL: http://www.nabp.net/programs/examination/naplex/registration-bulletin/

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

X.4.0 METHODOLOGY, STATISTICS, AND RESEARCH DESIGN


*Title recommended for first purchase.
**X.4.a QUALITY ASSURANCE**


**X.4.a - X.7 QUALITY ASSURANCE - WEB SITES**

Institute for healthcare improvement. URL: http://www.ihi.org/Pages/default.aspx

Institute for safe medication practice. URL: http://www.ismp.org/default.asp

**X.5 DIRECTORIES**


**X.5 - X.7 DIRECTORIES - WEB SITES**

Pharmacy-related academic institutions on the Internet: PharmWeb; 1994-. URL: http://www.pharmweb.net/pwmirror/pw8/pharmweb8.html

Bourne, David. Virtual library pharmacy 1999-. URL: http://www.pharmacy.org/

Federation, International Pharmaceutical. Official world list of pharmacy schools. URL: http://academic_institutional_membership.fip.org/world-list-of-pharmacy-schools/

*Title recommended for first purchase.