

Basic Resources for Pharmacy Education

2008 Edition

**A Service Project of the
Libraries/Educational Resources Section of the
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**Dedicated to the Memory of Winifred Sewell,
Our Mentor and Friend**

Basic Resources for Pharmaceutical 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 and this list contains our recommendations for works to be included in pharmacy library collections. The books and other works recommended in the Basic Resources list 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's 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. The Basic Resources, therefore, should not be used as a benchmark and is not prescriptive, but instead is a starting place for librarians who are building a new collection or maintaining an established one.

Producing *Basic Resources* is a community effort. Each *Basic Resources* section is reviewed every three or four years by a contributor. The contributors review assigned sections of the list and make suggestions for additions and deletions to the section. Then the editors compile the suggested additions and deletions, and ask an advisory panel of pharmacy librarians and faculty for their approval of the suggested changes. Approved changes are then 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 the year. Our goal is to review the entire list every three years and to publish *Basic Resources* annually.

We welcome volunteers both to contribute to *Basic Resources* by reviewing sections or to serve on our advisory panel. For more information about how the list is maintained or to volunteer to work on it, please contact either Leslie Ann Bowman (l.bowman@usip.edu) or Barbara Nanstiel (barbara.nanstiel@wilkes.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 PHARMACOLOGY

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

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.4.0 PROFESSIONAL PRACTICE**
 - E.4.c COMMUNITY PHARMACY**
 - E.4.b HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY**
 - E.4.c HOME HEALTH CARE**
 - E.4.d MANAGED CARE**
 - E.4.e DRUG USE EVALUATION**
- X.1.0 HISTORY***
- X.2.0 INFORMATICS***
 - X.2.a BIBLIOGRAPHICES 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

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

BASIC RESOURCES FOR PHARMACY EDUCATION 2008 Edition

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

Biosis previews. Thomson Scientific, updated weekly. Available in a variety of formats and at various prices. Print title: Biological abstracts. URL: <http://www.biosis.org/>

CAPlus. CAS, updated daily. Available in a variety of formats and at various prices. Print title: Chemical abstracts. URL: <http://info.cas.org/>

Current contents. Thomson Scientific, updated weekly. Available in a variety of formats and at various prices. URL: <http://www.isinet.com/products/cap/ccc/>

Science citation index. Thomson Scientific, updated weekly. Available in a variety of formats and at various prices. Also known as SciSearch. URL: <http://scientific.thomson.com/products/sci/>

A.1 GENERAL CHEMISTRY

Van Nostrand's encyclopedia of chemistry. 5th ed. New York: Wiley, 2005. ISBN: 0471615250. \$195.00.

Farrell, Nicholas P., ed. Uses of inorganic chemistry in medicine. Cambridge, UK: Royal Society of Chemistry, 1999. ISBN: 0854044442. \$144.00.

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

CRC handbook of chemistry and physics. Boca Raton, FL: Taylor and Francis. ISBN: 0363-3055. 87th ed. (2006/07), \$139.95. Available in a variety of formats.

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

PubChem. Bethesda: National Center for Biotechnology Information and the National Library of Medicine, updated daily. URL: <http://pubchem.ncbi.nlm.nih.gov/>

A.2 BIOCHEMISTRY

Berg, Jeremy; Tymoczko, Mark; Stryer, John L., et al. *Biochemistry*. 6th ed. New York: W. H. Freeman, 2007. ISBN: 0716787245. \$165.00.

Devlin, Thomas M., ed. *Textbook of biochemistry: with clinical correlations*. 6th ed. New York: Wiley, 2005. ISBN: 0471678082. \$115.00.

A.3 IMMUNOLOGY

Benjamini, Eli; Sunshine, Geoffrey H.; and Coico, Richard. *Immunology: a short course*. 5th ed. New York: Wiley-Liss, 2003. \$52.50.

Parslow, Tristram G.; Stites, Daniel P.; Terra, Abba I., et al., eds. *Medical immunology*. 10th ed. New York: McGraw-Hill Medical, 2001. ISBN: 0838563007. \$64.95.

Robinson, Andrew; Farrar, Graham H.; and Wiblin, Christopher N., eds. *Vaccine protocols*. 2nd ed. Totowa, NJ: Humana, 2003. ISBN: 0896033341. \$135.00.

A.4.0 MICROBIOLOGY

Current infectious disease drugs. Philadelphia: Current Medicine, 1996. ISBN: 1878132717. \$42.00.

Alouf, Joseph E.; and Popoff, Michel R., eds. *The comprehensive sourcebook of bacterial protein toxins*. 3rd ed. Amsterdam, the Netherlands: Elsevier, 2006. ISBN: 0120884453. \$199.95.

American Academy of Pediatrics. Committee on Infectious Diseases. *Red book: report of the Committee on Infectious Diseases*, 2000. 25th ed. Elk Grove Village, IL: American Academy of Pediatrics, 2000. ISBN: 1581100388. \$89.95.

Boelsterli, Urs A. *Mechanistic toxicology: the molecular basis of how chemicals disrupt biological targets*. London, England: Taylor and Francis, 2003. ISBN: 0415284597. \$96.00.

Boucher, Charles A. B.; and Galasso, George A. *Practical guidelines in antiviral therapy*. Amsterdam, the Netherlands: Elsevier, 2002. ISBN: 0444508848. \$68.00.

*Conte, John E., Jr. *Manual of antibiotics and infectious diseases*. 9th ed. Philadelphia: Lippincott Williams & Wilkins, 2002. ISBN: 0781723167. \$49.95.

Endo, I.; Yamaguchi, I.; Kudo, T., et al., eds. *Molecular anatomy of cellular systems*. Amsterdam, the Netherlands: Elsevier, 2002. ISBN: 0444507396. \$96.00.

Greenwood, David. *Antimicrobial chemotherapy*. 4th ed. New York: Oxford, 2000. ISBN: 01926301950. \$59.95.

Hugo, W. B.; and Russell, A. D. *Pharmaceutical microbiology*. 6th ed. Malden, MA: Blackwell Science, 1998. ISBN: 063204196X. \$95.00.

Langel, Ulo. *Cell-penetrating peptides: processes and applications*. Boca Raton, FL: CRC Press, 2002. ISBN: 0849311411. \$159.95.

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

Bacteriological analytical manual online. 8th ed. Washington, DC: Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration, 2001. Free.
URL: <http://www.cfsan.fda.gov/~ebam/bam-toc.html>

Easter, Martin C. *Rapid microbiological methods in the pharmaceutical industry*. Boca Raton, FL: Interpharm Press, 2003. ISBN: 1574911414. \$239.95.

Yan, Qing. *Membrane transporters: methods and protocols*. Totowa, NJ: Humana Press, 2003. ISBN: 1588291049. \$99.50.

A.4.a MOLECULAR BIOLOGY AND BIOTECHNOLOGY

Bourne, Philip, E.; and Wessig, Helge. *Structural bioinformatics*. New York: Wiley-Liss, 2003. ISBN: 0471201995. \$84.95.

Crommelin, Daan J. A.; and Sindelar, Robert D. *Pharmaceutical biotechnology: an introduction for pharmacists and pharmaceutical scientists*. 2nd ed. London, England: Routledge, 2002. ISBN: 0415285003. \$159.95.

Groves, Michael J. *Pharmaceutical biotechnology*. 2nd ed. Boca Raton, FL: Taylor & Francis, 2005. ISBN: 0849318734. \$139.95.

Harrigan, George C.; and Goodacre, Royston, eds. *Metabolic profiling: its role in biomarker discovery and gene function analysis*. Boston: Kluwer, 2003. ISBN: 1402073704. \$125.00.

Ho, Rodney J. Y.; and Gibaldi, Milo. *Biotechnology and biopharmaceuticals: transforming proteins and genes into drugs*. Hoboken, NJ: Wiley-Liss, 2003. ISBN: 0471206903. \$79.95.

Hondermarck, Hubert. *Proteomics: biomedical and pharmaceutical applications*. Dordrecht, the Netherlands: Kluwer, 2004. ISBN: 1402023227. \$74.95.

Kalow, Werner; Meyer; Urs, A., et al., eds. *Pharmacogenomics*. 2nd ed. Boca Raton, FL: Taylor and Francis, 2005. ISBN: 1574448781. \$199.95.

Karlix, Janet L. *Pharmacogenomics: an introduction for the health care professional*. Washington, DC: American Pharmacists Association, 2003. ISBN: 1582120455. \$59.95.

Larson, Richard S. *Bioinformatics and drug discovery*. Totowa, NJ: Humana Press, 2005. ISBN: 1588293467. \$125.00.

Licinio, Julio; and Wong, Ma-Li. *Pharmacogenomics: the search for individualized therapies*. New York: Wiley, 2002. ISBN: 3527303804. \$95.00.

Mei, Houg-Yau; and Czarnik, Anthony W., eds. *Integrated drug discovery technologies*. New York: Marcel Dekker, 2002. ISBN: 9780824706494 \$189.95.

Singleton, Paul. *Bacteria in biology, biotechnology, and medicine*. 6th ed. New York: Wiley, 2004. ISBN: 047009026X. \$80.00.

Walker, John M.; and Rapley, Ralph. *Molecular biology and biotechnology*. 4th ed. Cambridge: Royal Society of Chemistry, 2000. ISBN: 0854046062. \$88.95.

Walsh, Gary. *Biopharmaceuticals: biochemistry and biotechnology*. 2nd ed. New York: Wiley, 2003. ISBN: 0470843276. \$50.00.

A.4.a - X.1.0 MOLECULAR BIOLOGY AND BIOTECHNOLOGY - HISTORY

Fletcher, A., ed. *History of modern biotechnology II*. Berlin, Germany: Springer-Verlag, 2000. ISBN: 3540677925. \$135.00.

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

Bains, William. *Biotechnology from A to Z*. 3rd ed. New York: Oxford, 2004. ISBN: 0199636931. \$54.50.

Juo, Pei-Show, ed. *Concise dictionary of biomedicine and molecular biology*. 2nd ed. Boca Raton, FL: CRC Press, 2002. ISBN: 0849309409. \$139.95.

Nill, Kimball R., ed. *Glossary of biotechnology and nanobiotechnology terms*. 4th ed. Boca Raton, FL: Taylor and Francis, 2006. ISBN: 0849366097. \$89.95.

Redei, George P., ed. *Encyclopedic dictionary of genetics, genomics, and proteomics*. 2nd ed. New York: Wiley, 2003. ISBN: 0471268216. \$179.00.

Rho, Jay P.; and Louie, Stan G., eds. *Handbook of pharmaceutical biotechnology*. New York: Pharmaceutical Products Press, 2003. ISBN: 0789001527. \$59.95.

Singleton, Paul; and Sainsbury, Diana, eds. *Dictionary of microbiology and molecular biology*. 3rd ed. New York: Wiley, 2001. ISBN: 0471490644. \$70.00.

Smith, Anthony D., ed. *Oxford dictionary of biochemistry and molecular biology*. Rev. ed. Oxford, England: Oxford, 2000. ISBN: 0198506732. \$65.00.

A.4.a - X.3 MOLECULAR BIOLOGY AND BIOTECHNOLOGY - LAWS, LEGISLATION, REGULATIONS, AND ETHICS

Brown, Stuart M. Essentials of medical genomics. Hoboken, NJ: Wiley, 2002. ISBN: 9780471210030. \$68.50.

Rothstein, Mark A., ed. Pharmacogenomics: social, ethical, and clinical dimensions. Hoboken, NJ: Wiley, 2003. ISBN: 9780471227694. \$79.95.

Subramanian, G., ed. Manufacturing of gene therapeutics: methods, processing, regulation and validation. New York: Kluwer, 2001. ISBN: 9780306466809. \$159.00.

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

IDIS: Iowa drug information service. Division of Drug Information Service, College of Pharmacy, University of Iowa. Available in a variety of formats and at various prices. URL: <http://www.uiowa.edu/~idis/idistday.htm>

IPA: international pharmaceutical abstracts. Thomson. Available in a variety of formats and at various prices. URL: <http://scientific.thomson.com/products/ipa/>

B.1 MEDICINAL CHEMISTRY

*Foye's principles of medicinal chemistry. 6th ed. Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781768795. \$92.95.

*Wilson and Gisvold's textbook of organic medicinal and pharmaceutical chemistry. 11th ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 0781734819. \$80.95.

*Annual reports in medicinal chemistry. Boston: Academic, annual. 1965-. 2001, vol. 36, \$85.00.

*Burger's medicinal chemistry and drug discovery. 6th ed. New York: Wiley, 2003. ISBN: 0471370320. Vols. 1-6, \$2250.00.

Bladon, Christine. Pharmaceutical chemistry: therapeutic aspects of biomacromolecules. New York: Wiley, 2002. ISBN: 0471496367. \$230.00.

Cairns, Donald. Essentials of pharmaceutical chemistry. 3rd ed. London, England: Pharmaceutical Press, 2003. ISBN: 0853695709. \$45.00.

Gringauz, Alex. Introduction to medicinal chemistry: how drugs act and why. New York: VCH, 1997. ISBN: 0471185450. \$120.00. 2nd ed., by Bruce S. Burnham, I.H. Hall and Alex Gringauz, due 02/09.

Lemke, Thomas L. Review of organic functional groups: introduction to medicinal organic chemistry. 4th ed. Philadelphia: Lippincott Williams & Wilkins, 2003. ISBN: 9780781743815. \$42.95.

Nogrady, Thomas. Medicinal chemistry : a molecular and biochemical approach. 3rd ed. New York: Oxford, 2005. ISBN: 9780195104554. \$95.00.

Patrick, Graham L. An introduction to medicinal chemistry. 3rd ed. New York: Oxford University, 2005. ISBN: 9780199275007. \$59.50.

Silverman, Richard B. The organic chemistry of drug design and drug action. 2nd ed. Amsterdam, the Netherlands: Academic Press, 2004. ISBN: 9780126437324. \$92.95.

Thomas, Gareth. Medicinal chemistry: an introduction. 2nd ed. New York: Wiley, 2007. ISBN: 9780470025970 \$160.00. Also available in paperback

Thomas, Gareth. Medicinal chemistry: an introduction. 2nd ed. New York: Wiley-Interscience, 2008. ISBN: 9780470025970. \$60.00.

B.1 - X.2.b MEDICINAL CHEMISTRY - HANDBOOKS AND DICTIONARIES

Negwer, Martin. Organic-chemical drugs and their synonyms. 9th ed. New York: Wiley-VCH, 2007. ISBN: 3527319395. \$2,590.00.

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

*Profiles of drug substances, excipients, and related methodology. Boston: Academic, annual. 2003-. ISBN: 9780122608339. Vol. 33 (2008), \$215. Vols. 25-29 and 31-32 also available at \$215 each. Previous titles: Analytical profiles of drug substances, v. 1 (1972)-20 (1991); Analytical profiles of drug substances and excipients, v. 21 (1992)-v. 29 (2002).

World Health Organization. Quality Assurance and Safety: Medicines. Reference substances and infrared reference spectra for pharmacopoeial analysis. Geneva, Switzerland: WHO, 1999.
URL: <http://www.who.int/medicinedocs/en/d/Jwhozip21e/#Jwhozip21e>

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

Harrold, Marc W. Basic concepts in medicinal chemistry [tutorial]. School of Pharmacy, Duquesne, 2001-. URL: http://www-home.cr.duq.edu/~harrold/basic_concepts_index.html

B.2 PHARMACOGNOSY AND NATURAL PRODUCTS

Total synthesis of natural products. New York: Wiley, 1973-1999. Vol. 1-9, \$1975.00; Vol. 10-11 \$315.00.

*Trease and Evans' pharmacognosy. 15th ed. Edinburgh, Scotland: Saunders, 2002. ISBN: 0702026174. \$138.00.

*Tyler's herbs of choice: the therapeutic use of phytomedicinals. 2nd ed. New York: Haworth, 1999. ISBN: 9780789001597. \$54.95.

Blumenthal, Mark; Goldberg, Alicia; and Brinckmann, Josef, eds. Herbal medicine: expanded Commission E monographs. Newton, MA: Integrative Medicine Communications, 2000. ISBN: 9780967077215. \$59.95.

*Bruneton, Jean. Pharmacognosy, phytochemistry, medicinal plants. 2nd ed. London, England: Intercept, Ltd., 1999. ISBN: 9781898298632. \$197.00.

Colegate, Steven M.; and Molyneux, Russell J., eds. Bioactive natural products: detection, isolation, and structural determination. Boca Raton, FL: CRC, 2007. ISBN: 9780849372582. \$199.95.

Cupp, Melanie J., ed. Toxicology and clinical pharmacology of herbal products. Totowa, NJ: Humana, 2000. ISBN: 9780896037915. \$134.50.

Cupp, Melanie J.; and Tracy, Timothy S., eds. Dietary supplements: toxicology and clinical pharmacology. Totowa, NJ: Humana, 2003. ISBN: 9781588290144 \$150.00.

Dermarderosian, Ara; and Beutler, John A., eds. Review of natural products. 4th ed. St. Louis: Facts & Comparisons, 2008. ISBN: 1574391682 \$79.95. Available in a variety of formats.

Huang, Kee Chang; and Williams, W. Michael. The pharmacology of Chinese herbs. 2nd ed. Boca Raton, FL: CRC Press, 1999. ISBN: 9780849316654. \$199.95.

Kayne, Steven. Homeopathic pharmacy: an introduction and handbook. 2nd ed. New York: Churchill Livingstone, 2006. ISBN: 9780443101601. \$73.95.

Mahady, Gail B.; Fong, Harry H.S.; and Farnsworth, N.R. Botanical dietary supplements: quality, safety and efficacy. Exton, PA: Lisse, 2001. ISBN: 9789026518553. \$149.95.

Mathieu, Mark, ed. Biologics development: a regulatory overview. 3rd ed. Centreville, VA: Barnett Educational, 2004. ISBN: 9781882615674. \$145.00.

Miller, Lucinda G.; and Murray, Wallace J., eds. Herbal medicinals: a clinician's guide. New York: Pharmaceutical Products Press, 1999. ISBN: 9780789004673. \$99.95.

Morton, Julia F. Major medicinal plants: botany, culture and uses. Springfield, IL: Thomas, 1987. ISBN: 9780398036737 \$103.95, o.p.

Natural Standard. Herb & supplement reference. St. Louis: Mosby, 2005. ISBN: 9780323029940. \$138.00 print; \$59.00 if ordered with yearly Web or PDA; available in a variety of formats. Free patient edition available through MedlinePlus: drugs and supplements section.

Nigg, Herbert N.; and Seigler, David, eds. *Phytochemical resources for medicine and agriculture*. New York: Plenum, 1992. ISBN: 9780306442452. \$276.00.

Robinson, Trevor. *The organic constituents of higher plants*. 6th ed. North Amherst, MA: Cordus, 1991. ISBN: 9780935118032. o.p.

Rotblatt, Michael; and Ziment, Irwin, eds. *Evidence-based herbal medicine*. Philadelphia: Hanley & Belfus, 2002. ISBN: 9781560534471. \$44.95.

Tsumura, Akira. *Kampo: how the Japanese updated traditional herbal medicine*. New York: Japan Publications, 1991. ISBN: 9780870407925. \$29.95.

Von Reis Altschul, Siri, ed. *Drugs and foods from little known plants: notes in Harvard University herbaria*. Cambridge, MA: Harvard, 1973. ISBN: 9780674216761. \$63.00.

Von Reis, Siri; and Lipp, Frank J., Jr. *New plant sources for drugs and foods from the New York Botanical Garden herbarium*. Cambridge, MA: Harvard, 1982. ISBN: 9780674617650. \$57.00.

B.2 - X.1.0 PHARMACOGNOSY AND NATURAL PRODUCTS - HISTORY

Duke's handbook of medicinal plants of the Bible. Boca Raton, FL: CRC Press, 2007. ISBN: 9780849382024. \$71.96.

Duke, James A. *Medicinal plants of the Bible: 2000 years of plant medicine*. Loveland, CO: Interweave Press, 1999. ISBN: 1883010667. \$34.95.

Dymock, William; Warden, C. J. H.; and Hooper, David. *Pharmacographia indica: a history of principal drugs of vegetable origin*. New Delhi, India: Vedams eBooks Ltd. , 1995. ISBN: 8186142630. \$200.00 (set).

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.

*Tyler's honest herbal: a sensible guide to the use of herbs and related remedies. 4th ed. New York: Routledge, 2007. ISBN: 9780789007056. \$64.95.

PDR for herbal medicines. 4th ed. Montvale, NJ: Thomson Healthcare, 2007. ISBN: 9781563636783. \$59.95.

Barnes, Joann; Anderson, Linda A.; and Phillipson, J. David. *Herbal medicines*. 3rd ed. London, England: Pharmaceutical Press, 1996. ISBN: 9780853696230. \$150.00; Available in a variety of formats.

- Duke, James A.; Bogenschulz-Godwin, Mary Jo; and Duke, Peggy-Ann K. Handbook of medicinal herbs. 2nd ed. Boca Raton, FL: CRC, 2002. ISBN: 9780849312847. \$249.95.
- Duke, James A.; Foster, Steven; and Peterson, Roger Tory, eds. Field guide to medicinal plants and herbs: of eastern and central North America. Boston: Houghton Mifflin, 1999. ISBN: 9780395988145. \$19.00.
- Hocking, George M. Dictionary of natural products: terms in the field of pharmacognosy relating to natural medicinal and pharmaceutical materials and the plants, animals, and minerals from which they are derived. 2nd ed. Medford, NJ: Plexus, 1997. ISBN: 0937548316. \$139.50.
- Krinsky, Daniel L.; Lavallo, James B.; Hawkins, Ernest B., et al. Natural therapeutics pocket guide. 2nd ed. Hudson, OH: Lexi-Comp, 2003. ISBN: 1930598998. \$39.95.
- *Leung, Albert Y.; and Foster, Steven. Encyclopedia of common natural ingredients used in food, drugs, and cosmetics. 2nd ed. New York: Wiley, 2003. ISBN: 9780471471288. \$170.00.
- Mills, Edward; Dugoua, Jean-Jacques; Perri, Dan, et al. Herbal medicines in pregnancy and lactation: an evidence-based approach. Boca Raton, FL: Informa Healthcare, 2006. ISBN: 9780415373920. \$159.95.
- Ross, Ivan A. Medicinal plants of the world: chemical constituents, traditional and modern medicinal uses. 2nd ed. Totowa, NJ: Humana, 2003-. ISBN: 9781588292810 (vol. 1); 9780896038776 (vol. 2); 9781588291295, (vol. 3). Vol. 1,3, \$135.00 each; vol. 2 \$129.00.
- Shapiro, Karen. Natural products: a case-based approach for health professionals. Washington, DC: American Pharmacists Association, 2006. ISBN: 9781582120690 \$45.95.
- Weiss, Rudolf Fritz; and Fintelmann, Volker. Herbal medicine. 2nd rev. ed. Stuttgart, Germany: Thieme Medical Publishers, Inc., 2000. ISBN: 9783131263322. \$69.95.
- Wichtl, Max, ed. Herbal drugs and phytopharmaceuticals: a handbook for practice on a scientific basis. 3rd rev. ed. Boca Raton, FL: CRC Press, 2004. ISBN: 9780849319617. \$299.95.
- Wren, R. C.; Williamson, Elizabeth M. ; and Evans, Fred J. Potter's new cyclopaedia of botanical drugs and preparations. Rev. ed. Saffron Walden, England: C.W. Daniel Company, 1988. \$42.95.

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

- Wagner, Hildebert H.; and Bladt, Sabine. Plant drug analysis: a thin layer chromatography atlas. 2nd ed. New York: Springer, 1996. ISBN: 9783540586760. \$299.00.

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

Dietary supplements labels database: brands, ingredients, and references. U. S. National Library of Medicine, 2007. Free. URL: <http://dietarysupplements.nlm.nih.gov/dietary/>

DrugDigest: herbs and supplements. Express Scripts, updated daily.
URL: <http://www.drugdigest.org/DD/DVH/Herbs/0,3913,,00.html>

MedlinePlus. Herbs and supplements. National Library of Medicine.
URL: http://www.nlm.nih.gov/medlineplus/druginfo/herb_All.html

*Jellin, Jeff, ed. Natural medicines comprehensive database. Stockton, CA: Therapeutic Research Center, annual, 1999-. \$92.00 year; \$59.00 for single user, if ordered with Yearly Web or PDA; available in a variety of formats.

National Institutes of Health. Office of Dietary Supplements. NIH. URL: <http://ods.od.nih.gov>

United States Pharmacopeial Convention. USP verified. USP. URL: <http://www.usp.org/USPVerified/>

B.3.0 PHARMACEUTICS

Allen's Compounded formulations: the complete U. S. Pharmacist collection. Washington, DC: American Pharmacists Association, 2003. ISBN: 9781582120416. \$149.00.

Approved bioequivalency codes. St. Louis: Facts and Comparisons, loose-leaf, updated monthly. ISBN: 9780932686756. \$245.00.

*Martin's physical pharmacy and pharmaceutical sciences: physical chemical and biopharmaceutical principles in the pharmaceutical sciences. 5th ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 9780781750271. \$79.95.

Trissel's stability of compounded formulations. 3rd ed. Washington, DC: American Pharmacists Association, 2005. ISBN: 9781582120676. \$99.95.

Allen, Loyd V., Jr. The art, science and technology of pharmaceutical compounding. 3rd ed. Washington: American Pharmacists Association, 2008. ISBN: 9781582121109. \$77.00.

*Ansel, Howard C.; Allen, Lloyd V., Jr.; and Popovich, Nicholas G. Pharmaceutical dosage forms and drug delivery systems. 8th ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 9780781746120. \$59.95.

Augsburger, Larry L. ; and Hoag, Stephen W., eds. Pharmaceutical dosage forms: tablets. 3rd ed. New York: Informa Healthcare, 2008. ISBN: 9781420063455. \$549.95.

Aulton, Michael E. Pharmaceutics: the science of dosage form design. 3rd ed. Edinburgh, Scotland: Churchill Livingstone, 2007. ISBN: 9780443101083. \$90.00.

Brown, Meta; and Mulholland, Joyce L. Drug calculations: process and problems for clinical practice. 8th ed. St. Louis: Mosby, 2007. ISBN: 9780323045766. \$48.95.

Desai, Archana; and Lee, Mary, eds. Gibaldi's drug delivery systems in pharmaceutical care. Bethesda: American Society of Health-System Pharmacists, 2007. ISBN: 9781585281367. \$125.00.

*Florence, Alexander T.; and Siepmann, Jurgen, eds. Modern pharmaceuticals. 5th ed. New York: Dekker, 2008. ISBN: 9781420065701. \$449.95.

Ghosh, Tapash K.; and Jasti, Bhaskara R., eds. Theory and practice of contemporary pharmaceuticals. Boca Raton, FL: Taylor & Francis, 2004. ISBN: 9780415288637. \$84.95.

Guy, Richard; and Hadgraft, Jonathan, eds. Transdermal drug delivery. New York: Dekker, 2002. ISBN: 9780824708610. \$165.00.

*Stoklosa, Mitchell J.; and Ansel, Howard C. Pharmaceutical calculations. 12th ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 9780781762656 \$64.95.

*Zatz, Joel L.; and Teixeira, Maria Glauca. Pharmaceutical calculations. 4th ed. New York: Wiley-Interscience, 2005. ISBN: 9780471433538. \$74.50.

B.3.0 - X.7 PHARMACEUTICS - WEB SITES

*Approved drug products with therapeutic equivalence evaluations. Rockville, MD: Food and Drug Administration, 2008. URL: <http://www.fda.gov/cder/orange/default.htm>

International Academy of Compounding Pharmacists. Missouri City, TX: International Academy of Compounding Pharmacists. URL: <http://www.iacprx.org/>

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

B.3.a BIOPHARMACEUTICS AND PHARMACOKINETICS

Banga, Ajay K. Therapeutic peptides and proteins. 2nd ed. Lancaster, PA: Technomic, 2005. ISBN: 9780849316302. \$199.95.

Burton, Michael E.; Shaw, Leslie M.; Schentag, Jerome J., et al., eds. Applied pharmacokinetics and pharmacodynamics: principles of therapeutic drug monitoring. 4th ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 9780781744317. \$79.95.

Dressman, Jennifer B.; and Lennernas, Hans, eds. Oral drug absorption: prediction and assessment. New York: Marcel Dekker, 2000. ISBN: 9780824702724. \$169.95.

Ritschel, Wolfgang A.; and Kearns, Gregory L. Handbook of basic pharmacokinetics. 6th ed. Hamilton, IL: American Pharmacists Association, 2004. ISBN: 9781582120546. 65.00.

*Shargel, Leon; Wu-Pong, Susanna; and Yu, Andrew. Applied biopharmaceutics and pharmacokinetics. 5th ed. New York: McGraw-Hill, 2004. ISBN: 9780071375504. \$71.95.

Washington, Neena; Washington, Clive; and Wilson, Clive G. Physiological pharmaceuticals: barriers to drug absorption. 2nd ed. London: Taylor & Francis, 2001. ISBN: 9780748405626. \$59.95.

Winter, Michael E. Basic clinical pharmacokinetics. 4th ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 9780781741477. \$68.95.

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

Testa, Bernard; and Jenner, Peter. Drug metabolism: chemical and biochemical aspects. Reprint ed. Ann Arbor: Books on Demand, UMI, 1976. ISBN: 9780783722061. \$160.60.

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

De Muth, James. Basic statistics and pharmaceutical statistical applications. 2nd ed. New York: Dekker, 2006. ISBN: 9780849337994. \$89.95.

Tallis, Nigel; and Arnold-Foster, Kate. Pharmacy history: a pictorial record; photographs from the museum of the Royal Pharmaceutical Society of Great Britain. London, England: Pharmaceutical Press, 1991. ISBN: 9780853692416 \$15.00.

B.4.0 DRUG DESIGN, DISCOVERY, AND DEVELOPMENT

*Smith and Williams' introduction to the principles of drug design and action. 4th ed. Boca Raton, FL: CRC Press, 2005. ISBN: 9780415288774 \$94.95.

Bannwarth, Willi; and Hinzen, Berthold, eds. Combinatorial chemistry: from theory to application. 2nd ed. New York: Wiley-VCH, 2006. ISBN: 9783527306930. \$220; also available online.

Chorghade, Mukund S., ed. Drug discovery and development. New York: Wiley, 2006-07. ISBN: 9780471398462. 2-vol. set, \$180.00; vol. 1: Drug discovery, vol. 2: Drug development.

Erhardt, P. W., ed. Drug metabolism: databases and high-throughput testing during drug development. Malden, MA: Blackwell Science, 1999. ISBN: 0632053429. \$95.00. Book must be ordered from IUPAC (<http://www.iupac.org/publications/books/author/erhardt.html>).

Hubbard, Roderick E., ed. Structure-based drug discovery: an overview. Cambridge: Royal Society of Chemistry, 2006. ISBN: 9780854043514 \$149.00.

Krogsgaard-Larsen, Povl; Liljefors, Tommy; and Madsen, Ulf, eds. Textbook of drug design and discovery. 3rd ed. London, England: Taylor & Francis, 2002. ISBN: 9780415282888. \$66.95.

Leff, Paul ed. Receptor-based drug design. New York: Dekker, 1998. ISBN: 9780824701628. \$209.95.

- Mei, Houg-Yau; and Czarnik, Anthony W., eds. Integrated drug discovery technologies. New York: Marcel Dekker, 2002. ISBN: 9780824706494 \$189.95.
- Rahman, Atta-Ur; Choudhary, M. Iqbal; and Thomsen, William J. Bioassay techniques for drug development. San Diego: Taylor and Francis, 2001. ISBN: 9789058230515. \$99.95.
- Reddy, Indra K; and Reza, Mehvar, eds. Chirality in drug design and development. New York: Dekker, 2004. ISBN: 9780824750626. \$189.95.
- Schoenwald, Ronald D. , ed. Pharmacokinetics in drug discovery and development. Boca Raton: CRC Press, 2002. ISBN: 9781566769730. \$79.95.
- Seethala, Ramakrishna; and Fernandes, Prabhavathi, eds. Handbook of drug screening. New York: Marcel Dekker, 2001. ISBN: 9780824705626. \$229.95. 2nd ed. due 2009 (Informa Healthcare, ISBN: 1574448250), \$199.95.
- Silverman, Richard B. The organic chemistry of drug design and drug action. 2nd ed. Amsterdam, the Netherlands: Academic Press, 2004. ISBN: 9780126437324. \$92.95.
- Smith, Charles G.; and O'donnell, James, eds. Process of new drug discovery and development. 2nd ed. New York: Informa Healthcare, 2006. ISBN: 9780849327797 \$229.95.
- Smith, Dennis A.; Van De Waterbeemd, Han; and Walker, Don K. Pharmacokinetics and metabolism in drug design. 2nd ed. New York: Wiley, 2006. ISBN: 9783527313686 \$130.00; also available online.
- Sneider, Walter. Drug discovery: a history. New York: Wiley, 2005. ISBN: 9780471899808 \$70.00; also available online.
- Wu-Pong, Susanna; and Rojanasakul, Yongyut, eds. Biopharmaceutical drug design and development. 2nd ed. Totowa, NJ: Humana, 2007. ISBN: 9781588297167 \$135.00.

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

- Werth, Barry. Billion-dollar molecule: one company's quest for the perfect drug. New York: Simon & Schuster, 1994. ISBN: 9780671510572 \$16.00.

B.4.0 - X.2.0 DRUG DESIGN, DISCOVERY, AND DEVELOPMENT - INFORMATICS

- Charifson, Paul S., ed. Practical applications of computer-aided drug design. New York: Dekker, 1998. ISBN: 9780824798857. \$199.95.

B.5.0 INDUSTRIAL

- Agrawal, Madhu. Global competitiveness in the pharmaceutical industry: the effect of national regulatory, economic, and market factors. New York: Haworth Press, 1999. ISBN: 0789007150. \$69.95.
- Cole, Graham. Pharmaceutical production facilities: design and applications. London, England: CRC Press, 1998. ISBN: 0748404384. \$138.00.
- Craig, Duncan Q. M. Dielectric analysis of pharmaceutical systems. Boca Raton, FL: CRC Press, 1995. ISBN: 013210279X. \$152.96.
- Gad, Shayne C., ed. Safety assessment for pharmaceuticals. Indianapolis: John Wiley & Sons, Inc., 1995. ISBN: 0471283851. \$148.00.
- Gadamasetti, Kumar C., ed. Process chemistry in the pharmaceutical industry. New York: Dekker, 1999. ISBN: 0824719816. \$195.00.
- Ghebre-Sellassie, I., ed. Pharmaceutical pelletization technology. New York: Dekker, 1989. ISBN: 082478085X. \$165.00.
- Guarino, Richard A., ed. New drug approval process: accelerating global registrations. 4th ed. New York: Informa Healthcare, 2004. ISBN: 9780824750411. \$189.95.
- Halls, Nigel A. Achieving sterility in medical and pharmaceutical products. New York: Dekker, 1994. ISBN: 0824790146. \$135.00.
- Jenkins, Wilmer; and Osborn, Kenton R. Packaging drugs and pharmaceuticals. Lancaster, PA: Technomic, 1993. ISBN: 1566760143. \$139.95.
- Klevenz, Heinrich. Industrial pharmaceutical biotechnology. New York: Wiley, 2001. ISBN: 3527299955. \$200.00.
- Lee, Chi-Jen; Lee, Lucia H.; and Lu, Cheng-Hsiung. Development and evaluation of drugs: from laboratory through licensure to market. Boca Raton, FL: CRC, 2003. ISBN: 0849314011. \$199.95.
- Lidstone, John; and MacLennan, Janice. Marketing planning for the pharmaceutical industry. 2nd ed. Brookfield, VT: Gower, 1999. ISBN: 0566081121. \$165.00.
- Mujumdar, A. S. Handbook of industrial drying. 2nd ed. New York: Dekker, 1987. ISBN: 0824705955 (2 volume set). 2-vol. set, \$330.
- Repic, Oljan. Principles of process research and chemical development in the pharmaceutical industry. New York: Wiley, 1998. ISBN: 0471165166. \$84.95.
- Spilker, Bert. Multi-national pharmaceutical companies: principles and practices. 2nd ed. Philadelphia: Lippincott Williams & Wilkins, 1994. \$131.00.
- Stonier, Peter D., ed. Careers with the pharmaceutical industry. 2nd ed. New York: Wiley, 2003. ISBN: 0470843284. \$55.00.
- Tyle, Praveen. Specialized drug delivery systems: manufacturing and production technology. New York:

Dekker, 1990. ISBN: 0824781902. \$175.00.

Wood, James P., ed. Containment in the pharmaceutical industry. New York: Dekker, 2001.
ISBN: 0824703979. \$145.00.

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

Lachman, Leon; Lieberman, Herbert A.; and Kanig, Joseph L., eds. The theory and practice of industrial pharmacy. 3rd ed. Philadelphia: Lea & Febiger, 1986. o.p.

B.5.0 - X.2.b INDUSTRIAL - HANDBOOKS AND DICTIONARIES

*Sheskey, Paul J.; Rowe, Raymond C.; and Weller, Paul J., eds. Handbook of pharmaceutical excipients. 4th ed. Washington, DC: Pharmaceutical Press, 2003. ISBN: 1582120226. \$299.00.

B.5.0 - X.4.0 INDUSTRIAL - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN

Buncher, Ralph; and Tsay, C. Jia-Yeong, eds. Statistics in the pharmaceutical industry. 2nd rev. ed. New York: Dekker, 1994. \$195.00.

Chow, Shein-Chung; and Liu, Jen-Pei. Statistical design and analysis in pharmaceutical science: validation, process controls, and stability. New York: Dekker, 1995. ISBN: 0824793366. \$165.00.

Riley, Christopher M.; and Rosanske, Thomas W. Development and validation of analytical methods. New York: Pergamon, 1996. ISBN: 0080427928. \$88.00.

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

Food and Drug Administration. Current good manufacturing practice for finished pharmaceuticals. Bradenton, FL : Keystone Press, 2003. ISBN: 9780940701984. Free.

*Willig, Sidney H., ed. Good manufacturing practices for pharmaceuticals: a plan for total quality control from manufacturer to consumer. 5th ed. New York: Dekker, 2001. ISBN: 0824704258. \$135.00.

B.5.0 - X.5 INDUSTRIAL - DIRECTORIES

PMD: Pharmaceutical marketers directory. Boca Raton, FL: Haymarket Media, annual. 2007/2008: \$260.00.

Braun, David B. *Pharmaceutical manufacturers: an international directory*. Norwich, NY: William Andrews Publishing, 1995. ISBN: 0815513844. \$116.00.

B.5.0 -X.7 INDUSTRIAL - WEB SITES

Pharmaceutical Research and Manufacturers of America. PhRMA. Washington, D.C.: PhRMA. URL: <http://www.phrma.org/>

B.6.0 COSMETICS

International cosmetic ingredient dictionary and handbook. 11th ed. Washington, DC: CTFA, 2006. ISBN: 1882621360. \$795.00 CD-ROM included.

Butler, Hilda. *Poucher's perfumes, cosmetics and soaps*. 10th ed. Dordrecht, the Netherlands: Springer, 2000. ISBN: 0751404799. \$255.60.

Elsner, Peter; and Maibach, Howard I. *Cosmeceuticals and active cosmetics: drugs vs. cosmetics*. 2nd ed. Boca Raton, FL: Taylor & Francis, 2005. ISBN: 0824759435. \$199.95.

Elsner, Peter; Merk, Hans F.; and Maibach, Howard I., eds. *Cosmetics: controlled efficacy studies and regulation*. Berlin, Germany: Springer Verlag, 1999. ISBN: 3540640479. \$189.00

Surburg, Horst; and Panten, Johannes, eds. *Common fragrance and flavor materials: preparation, properties and uses*. 5th ed. New York: Wiley, 2006. ISBN: 352731315X. \$160.00.

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

Flick, Ernest W., ed. *Cosmetic and toiletry formulations*. 2nd ed. Norwich, N.Y.: William Andrew Publishing, 1989. ISBN: 0815514549 (vol. 8). Vol. 1, \$195.00; Vol. 2, \$195.00; Vol. 3, \$139.00; Vol. 4, \$145.00; Vol. 5, \$169.00; Vol. 6, \$129.00; Vol. 7, \$167.00; Vol. 8, \$165.00 Available in various formats.

Michalun, Natalia; and Michalun, M. Varinia. *Milady's skin care and cosmetic ingredients dictionary*. 2nd ed. Albany, NY: Thomson Delmar Learning. ISBN: 1562536605. \$31.95.

Paye, Marc; Barel, Andre O.; and Maibach, Howard I., eds. *Handbook of cosmetic science and technology*. 2nd ed. Boca Raton, FL: Taylor & Francis, 2006. ISBN: 1574448242. \$249.95.

B.7.0 NUCLEAR AND RADIOPHARMACY

Arshady, Reza, ed. *Radiolabeled and magnetic particulates in medicine & biology*. London, England: Citus Books, 2001. ISBN: 0953218732. \$100.00.

Christian, Paul E.; Bernier, Donald R.; and Langan, James K., eds. Nuclear medicine and PET: technology and techniques. 5th ed. St. Louis: Mosby, 2003. ISBN: 0323019641. \$118.00.

Kowalsky, Richard J.; Falen, Stephen; and Kowalsky, Richard. Radiopharmaceuticals in nuclear pharmacy & nuclear medicine. 2nd ed. Washington, DC: American Pharmacists Association, 2003. ISBN: 1582120315. \$129.95.

Krause, Werner. Contrast agents III: radiopharmaceuticals from diagnostics to therapeutics. Berlin, Germany: Springer-Verlag, 2005. ISBN: 3540225773. \$189.00.

Nunn, Adrian D., ed. Radiopharmaceuticals: chemistry and pharmacology. New York: Dekker, 1992. \$199.00.

Perkins, Alan C.; and Frier, Malcolm, eds. Nuclear medicine in pharmaceutical research. London, England: Taylor & Francis, 1999. ISBN: 0748406883. \$139.95.

*Saha, Gopal B. Fundamentals of nuclear pharmacy. 5th ed. New York, NY: Springer, 2005. \$69.95.

*Sampson, Charles B., ed. Textbook of radiopharmacy: theory and practice. 3rd ed. Amsterdam, the Netherlands: Gordon & Breach, 1999. ISBN: 905699154X. \$145.00.

Schwochau, Klaus. Technetium: chemistry and radiopharmaceutical applications. New York: Wiley-VCH, 2000. ISBN: 3527294961. \$190.00.

Siegel, Jeffrey A. Guide for diagnostic nuclear medicine and radiopharmaceutical therapy. Reston, VA: Society of Nuclear Medicine, 2004. ISBN: 0972647821. \$55.00.

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

Welch, Michael J.; and Redvanly, Carol S., eds. Handbook of radiopharmaceuticals. New York: Wiley, 2002. ISBN: 0471495603. \$310.00.

B.8.0 PHARMACOLOGY

Rang & Dale's pharmacology. 6th ed. New York: Churchill Livingstone, 2003. ISBN: 9780443069116. \$74.95.

*Brody's human pharmacology: molecular to clinical. 4th ed. Philadelphia: Elsevier Mosby, 2005. ISBN: 9780323032865 \$71.95.

*Goodman & Gilman's the pharmacological basis of therapeutics. 11th ed. ed. New York: McGraw-Hill, 2006. ISBN: 9780071422802. \$155.00.

Handbook of experimental pharmacology. New York: Springer, 1978-. ISSN: 0171-2004. Each vol. in series priced individually, most \$400-500.00

- Cannon, Joseph G. *Pharmacology for chemists*. 2nd ed. New York: ACS/Oxford, 2007. ISBN: 9780841239272. \$64.50.
- Cooper, Jack R.; Bloom, Floyd E.; and Roth, Robert H. *The biochemical basis of neuropharmacology*. 8th ed. New York: Oxford, 2003. ISBN: 9780195140088. \$39.95.
- *Craig, Charles R.; and Stitzel, Robert E. *Modern pharmacology with clinical applications*. 6th ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 9780781737623. \$54.95.
- Drummer, Olaf H. *Forensic pharmacology of drugs of abuse*. London, England: Arnold (dist. in US by Oxford Univ. Press), 2001. ISBN: 9780340762578. \$125.00.
- Foreman, John C.; and Johansen, Torben. *Textbook of receptor pharmacology*. 2nd ed. Boca Raton, FL: CRC Press, 2002. ISBN: 9780849310294. \$119.95.
- Hollinger, Manfred A., ed. *Introduction to pharmacology*. 3rd ed. Boca Raton, FL: CRC Press, 2007. ISBN: 9781420047417. \$69.95.
- Howland, Richard D.; Mycek, Mary Julia; Harvey, Richard A., et al., eds. *Pharmacology*. 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 9780781741187. \$52.95.
- Kalant, Harold; Grant, Denis; and Mitchell, Jane, eds. *Principles of medical pharmacology*. 7th ed. Toronto, Canada: Elsevier, 2007. ISBN: 9780779699452. \$81.95.
- *Katzung, Bertram G., ed. *Basic & clinical pharmacology*. 9th ed. London, England: McGraw-Hill, 2007. ISBN: 9780071451546. \$59.95.
- Neal, Michael J. *Medical pharmacology at a glance*. 5th ed. Malden, MA: Blackwell, 2005. ISBN: 9781405133609. \$29.95.
- Page, Clive P.; Curtis, Michael J.; Sutter, Moreley C., et al. *Integrated pharmacology*. 3rd ed. Philadelphia: Mosby Elsevier, 2006. ISBN: 9780323040808. \$72.95.
- Reents, Stan. *Sport and exercise pharmacology*. Champaign, IL: Human Kinetics, 2000. ISBN: 9780873229371. \$57.00.
- Stringer, Janet L. *Basic concepts in pharmacology: a student's survival guide*. 3rd ed. New York: McGraw-Hill, 2005. ISBN: 9780071458184. \$32.95.

B.8.0 - X.7 PHARMACOLOGY - WEB SITES

Clinical pharmacology. Gold Standard. price dependent on number of student FTE's; also available in handheld versions and on CD-ROM. URL: <http://www.gsm.com/>

B.8.a.0 TOXICOLOGY

Casarett and Doull's toxicology: the basic science of poisons. 7th ed. New York: McGraw-Hill Medical, 2008. ISBN: 9780071470513. \$115.00.

Goldfrank's toxicologic emergencies. 8th ed. New York: McGraw-Hill Medical, 2006. ISBN: 9780071437639. \$249.00.

Haddad and Winchester's clinical management of poisoning and drug overdose. 4th ed. Philadelphia: Saunders/Elsevier, 2007. ISBN: 9780721606934. \$209.00.

Marzulli and Maibach's dermatotoxicology. 7th ed. Boca Raton, FL: CRC Press, 2008. ISBN: 9780849397738. \$259.95.

Patty's industrial hygiene and toxicology. New York: John Wiley, 2005. ISBN: 9780471700579. 13-vol set \$1113.50, also available networked for negotiable licensing.

Sax's dangerous properties of industrial materials. 11th ed. Hoboken: Wiley-Interscience, 2004. ISBN: 9780471476627. \$1113.50.

Lu's basic toxicology: fundamentals, target organs, and risk assessment. 4th ed. New York: Taylor & Francis, 2002. ISBN: 0415248558. \$149.95.

Proctor and Hughes' chemical hazards of the workplace. 5th ed. New York: Wiley, 2004. ISBN: 0471268836. \$188.50.

Baselt, Randall C. Disposition of toxic drugs and chemicals in man. 7th ed. Foster City, CA: Biomedical Publications, 2004. ISBN: 9780962652363. \$185.95.

Burrows, George E.; and Tyrl, Ronald J. Handbook of toxic plants of North America. Ames, IA: Blackwell, 2006. ISBN: 9780813807119. \$89.99.

*Dart, Richard C., ed. Medical toxicology. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 0781728452. \$210.00.

Fenton, John. The laboratory and the poisoned patient: a guidebook for interpreting laboratory data. Washington, DC: American Association Clinical Chemistry, 1998. ISBN: 9781890883041. \$59.00.

Hayes, A. Wallace, ed. Principles and methods of toxicology. 5th ed. Boca Raton, FL: CRC Press, 2008. ISBN: 9780849337789. \$199.95.

Hodgson, Ernest, ed. A textbook of modern toxicology. 3rd ed. Hoboken, NJ: Wiley, 2004. ISBN: 047126508x. \$105.95.

Hood, Ronald D., ed. Developmental and reproductive toxicology : a practical approach. 2nd ed. Boca Raton, FL: Taylor & Francis, 2006. ISBN: 9780849312540. \$199.95.

Mulder, Gerald J.; and Dencker, L., eds. Pharmaceutical toxicology: safety sciences of drugs. London, England: Pharmaceutical Press, 2006. ISBN: 9780853695936. \$55.00.

Olson, Kent R. Poisoning and drug overdose. 4th ed. New York: Lange Medical Books/McGraw Hill, 2004.

\$50.00.

Riviere, J. Edmond, ed. *Biological concepts and techniques in toxicology: an integrated approach*. New York: Taylor & Francis, 2006. ISBN: 082472979X. \$229.95.

Stelljes, Mark E. *Toxicology for nontoxicologists*. 2nd ed. Lanham, MD: Government Institutes, 2008. ISBN: 9780865871755. \$79.00.

Stine, Karen E.; and Brown, Thomas M. *Principles of toxicology*. 2nd ed. Boca Raton, FL: CRC/Taylor & Francis, 2006. ISBN: 084932856X. \$79.95.

Sullivan Jr, John B.; and Krieger, Gary R., eds. *Clinical environmental health and toxic exposures*. 2nd ed. Philadelphia: Lippincott Williams & Wilkins, 2001. ISBN: 9780683080278. \$210.00.

Timbrell, John A. *Introduction to toxicology*. 3rd ed. New York: Taylor & Francis, 2002. ISBN: 9780415247627. \$49.95.

B.8.a.0 - X.2.b TOXICOLOGY - HANDBOOKS AND DICTIONARIES

Patty's toxicology. 5th ed. New York: Wiley-Interscience, 2001. ISBN: 0471319430 (set). 9-vol set, \$2395.00.

POISINDEX system. Greenwood Village, CO: 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.

*Derelanko, Michael J.; and Hollinger, Manfred A., eds. *Handbook of toxicology*. 2nd ed. Boca Raton, FL: CRC, 2002. ISBN: 0849303702I. \$199.95.

Harris, Carson R., ed. *The toxicology handbook for clinicians*. Philadelphia: Mosby Elsevier, 2006. ISBN: 9781560537113. \$30.95.

Krieger, Robert; and Doull, John, eds. *Handbook of pesticide toxicology*. 2nd ed. San Diego, CA: Academic, 2001. ISBN: 0124262600. \$695.00.

Leiken, Jerrold B.; and Paloucek, Frank P., eds. *Poisoning & toxicology handbook*. 4th ed. Hudson, OH: Lexi-Comp, 2008. ISBN: 9781420044799. \$199.95.

Pohanish, Richard P.; and Sittig, Marshall, eds. *Sittig's handbook of toxic and hazardous chemicals and carcinogens*. 5th ed. Norwich, NY: William Andrew, 2008. ISBN: 9780815515531. \$595.00.

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

*Clarke's analysis of drugs and poisons: in pharmaceuticals, body fluids and post-mortem material. 3rd ed. London, England: Pharmaceutical Press, 2004. ISBN: 0853694737. \$650.00; \$950.00 with CD-ROM.

Jacobson-Kram, David; and Keller, Kit A., eds. Toxicological testing handbook: principles, applications, and data interpretation. 2nd ed. New York: Informa Healthcare, 2006. ISBN: 0849338581. \$229.95.

Weiner, Myra L.; and Kotkoskie, Lois A., eds. Excipient toxicity and safety. New York: Dekker, 2000. ISBN: 0824782100. \$229.95.

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

RTECS: Registry of toxic effects of chemical substances. National Institute for Occupational Safety and Health. Available in a variety of formats and at various prices.
URL: <http://www.cdc.gov/niosh/rtecs/>

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

*Hansten and Horn's drug interactions analysis and management. 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 2008. ISBN: 9781574392869. \$98.00. Also available as a loose-leaf update product from Wolters Kluwer/Facts & Comparisons.

Litt's drug eruption reference manual: including drug interactions. 13th ed. New York: Taylor & Francis, 2007. ISBN: 9780415413534. \$269.95.

*Meyler's side effects of drugs: the international encyclopedia of adverse drug reactions and interactions. 15th rev. ed. Amsterdam, the Netherlands: Elsevier Science, 2006. ISBN: 9780444509987. \$935.00.

PDR guide to drug interactions, side effects and indications. Montvale, NJ: Thomson PDR, annual. 2006-. ISSN: 1933-706X \$71.95.

Stockley's drug interactions. 8th ed. London, England: Pharmaceutical Press, 2007. ISBN: 9780853697565. \$350.00 with CD.

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Lee, Anne, ed. Adverse drug reactions. 2nd ed. Chicago: Pharmaceutical Press, 2006. ISBN: 9780853696018. \$55.00.

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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>

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- *Merck veterinary manual. 9th ed. Rahway, NJ: Merck, 2005. ISBN: 0911910506. \$45.00.
- Adams, H. Richard. Veterinary pharmacology and therapeutics 8th ed. Ames, IA: Iowa State University, 2001. ISBN: 0813817439. \$154.99.
- Baggot, J. Desmond. The physiological basis of veterinary clinical pharmacology. Ames, IA: Iowa State University Press, 2001. ISBN: 0632057440. \$114.99.
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- Crowell-Davis, Sharon L. Veterinary psychopharmacology. Ames, IA: Blackwell Pub. Professional, 2006. ISBN: 0813808294. \$79.95.
- Kayne, Stephen B. Veterinary pharmacy. London, England: Pharmaceutical Press, 2004. ISBN: 0853695342. \$59.95.
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- Riviere, J. Edmond. Comparative pharmacokinetics: principles, techniques, and applications. Ames, IA: Iowa State University Press, 1999. ISBN: 0813829313. \$94.99.
- Short, Charles E. Principles of veterinary pharmacology. Philadelphia: Lippincott Williams & Wilkins, 2003. ISBN: 0781736536. \$119.99.

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- Papich, Mark G., ed. Saunders handbook of veterinary drugs. 2nd ed. Philadelphia: Saunders, 2006. ISBN: 0721673872. \$70.00.
- Plumb, Donald C., ed. Veterinary drug handbook. 5th ed. Ames, IA: Iowa State University, 2005. ISBN: 0813824427. \$85.00 CD-ROM available.

C.0 - X.2.b MEDICAL SCIENCES (SCIENCES BASIC TO MEDICINE) - HANDBOOKS AND DICTIONARIES

- *Dorland's illustrated medical dictionary. 31st ed. Philadelphia: Saunders, 2007. ISBN: 9781416023647. \$49.95.
- Stedman's medical dictionary. 28th ed. Philadelphia: Lippincott Williams & Wilkins, 2005. ISBN: 0781733901. \$49.95.

*Jablonski, Stanley, ed. Dictionary of medical acronyms and abbreviations. 5th ed. Philadelphia: Hanley & Belfus, 2005. ISBN: 1560536322. \$31.95.

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

AMED: allied & complementary medicine database. Health Care Information Service of the British Library, updated monthly. Available in a variety of formats and at various prices. URL: <http://www.bl.uk/collections/health/amed.html>

CINAHL. CINAHL Information Systems, updated monthly. Available in a variety of formats and at various prices. URL: <http://www.cinahl.com/index.html>

EMBASE. Elsevier, updated weekly. Available in a variety of formats and at various prices URL: <http://www.elsevier.com>

MEDLINE. U.S. National Library of Medicine, updated daily. Available in a variety of formats and at various prices. URL: <http://www.nlm.nih.gov/pubs/factsheets/medline.html>

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Fox, Stuart Ira. Human physiology. 9th ed. New York: McGraw Hill, 2006. ISBN: 0073040762. \$138.13.

*Guyton, Arthur C.; and Hall, John E. Textbook of medical physiology. 11th ed. Philadelphia: Elsevier Science, 2006. ISBN: 9780721602400. \$103.00.

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*Standring, Susan, ed. Gray's anatomy: the anatomical basis of clinical practice. 39th ed. Edinburgh, Scotland: Elsevier Science, 2005. ISBN: 9780443066764. \$185.00; \$245.00 for book with online e-access.

D.0 - X.2.b CLINICAL SCIENCES - HANDBOOKS AND DICTIONARIES

*Magalini, Sergio I.; and Magalini, Sabina C., eds. Dictionary of medical syndromes. 4th ed. Philadelphia: Lippincott Williams & Wilkins, 1997. ISBN: 0397584180. \$99.00.

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

Medscape. New York, NY: Medscape, 1996-. URL: <http://www.medscape.com>

D.1 PATHOPHYSIOLOGY

Anderson's pathology. 10th ed. St. Louis: Harcourt, 1996. ISBN: 0801672868. \$325.00.

Henry, John Bernard, ed. Clinical diagnosis and management by laboratory methods. Philadelphia: Saunders, 2001. ISBN: 0721688640. \$119.00.

*Kumar, Vinay; Abbas, Abdul K.; and Fausto, Nelson, eds. Robbins and Cotran pathologic basis of disease. 7th ed. Philadelphia: Elsevier Saunders, 2005. ISBN: 0721650325. \$102.00.

*Lee, Mary, ed. Basic skills in interpreting laboratory data. 3rd ed. Bethesda: American Society of Health-System Pharmacists, 2004. \$94.00.

Young, Donald S. Effects of drugs on clinical laboratory tests. 5th ed. Washington: American Association for Clinical Chemistry, 2000. ISBN: 9781890883249. \$209.00.

D.2 PATIENT PHYSICAL ASSESSMENT

*Jarvis, Carolyn. Physical examination and health assessment. 4th ed. St. Louis: Saunders, 2004. ISBN: 0721697690. \$76.95.

Seidel, Henry M. Mosby's guide to physical examination. 5th ed. St. Louis: Mosby, 2003. ISBN: 0323016804. \$76.95.

*Swartz, Mark H. Textbook of physical diagnosis: history and examination. 5th ed. Philadelphia: Saunders Elsevier, 2006. ISBN: 072169411X. \$82.00.

D.3.0 THERAPEUTICS

*ACP medicine. New York: WebMD Professional Publishing, 2007. ISBN: 9781550093896. \$349.00. Also available in a variety of formats.

Braunwald's heart disease: a textbook of cardiovascular medicine. 7th ed. Philadelphia: Saunders, 2005. ISBN: 072160479X. \$169.00.

Brenner & Rector's the kidney. 5th ed. Philadelphia: Saunders, 2004. ISBN: 0721601642. 2-vol. set, \$399.00.

- Campbell's urology. 8th ed. Philadelphia: Saunders, 2002. ISBN: 0721690580. 4-vol. set, \$450.00.
- *Cecil textbook of medicine. 22nd ed. Philadelphia: Saunders, 2004. ISBN: 072167996X. \$129.00.
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- *Current medical diagnosis & treatment. 45th ed. New York: McGraw-Hill/Appleton & Lange. ISBN: 0071454101. \$59.95.
- Ellenberg and Rifkin's diabetes mellitus. 6th ed. New York: McGraw-Hill, 2003. ISBN: 0838521789. \$235.00.
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- *Harrison's principles of internal medicine. 15th ed. New York: McGraw-Hill, 2005. ISBN: 0078642388. \$155.
- *Mandell, Douglas, and Bennett's principles and practice of infectious diseases. 6th ed. St. Louis: Churchill Livingstone, 2005. ISBN: 0443066434. 2-vol. set, \$329.00.
- *The Merck manual of diagnosis and therapy. 18th ed. Rahway, NJ: Merck, 2006. ISBN: 0911910107. \$55.00.
- Williams obstetrics. 22nd ed. New York: McGraw-Hill, 2005. ISBN: 0071413154. \$145.00.
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- *Chisholm-Burns, Marie A.; Wells, Barbara G.; Schwinghammer, Terry L., et al., eds. Pharmacotherapy: principles & practice. New York: McGraw-Hill Medical, 2008. ISBN: 9780071448802 \$125.00.
- *Dipiro, Joseph; Talbert, Robert L.; Yee, Gary C., et al., eds. Pharmacotherapy: a pathophysiologic approach. 6th ed. New York: McGraw-Hill, 2005. ISBN: 0071416137. \$165.00.
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- *Helms, Richard A.; and Quan, David J., eds. Textbook of therapeutics: drug and disease management. 8th ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 0781757347. \$165.00.
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- Rubin, Peter C. Prescribing in pregnancy. 3rd ed. London, England: BMJ, 2000. ISBN: 0727914499. \$36.95.
- Schwinghammer, Terry L., ed. Pharmacotherapy casebook: a patient-focused approach. 6th ed. New York: McGraw-Hill, 2005. ISBN: 0071433600. \$46.95.

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Warrell, David A.; Cox, Timothy M.; Firth, John D., et al., eds. Oxford textbook of medicine. 4th ed. New York: Oxford, 2005. ISBN: 0192621408. 3-vol. set, \$295.00.

D.3.0 - X.2.0 THERAPEUTICS - INFORMATICS

ICD-9-CM 2007 expert for hospitals: international classification of diseases, 9th revision, clinical modification. Salt Lake City, Utah: Ingenix, 2007. ISBN: 9781563379154. Vol. 1-3; \$97.95. Also available in a variety of other formats.

D.3.0 - X.2.b THERAPEUTICS - HANDBOOKS AND DICTIONARIES

ImmunoFacts: vaccines and immunologic drugs. St. Louis: Facts and Comparisons, annual. 1993-. ISBN: 9781574392517. 2007, \$79.95.

D.3.0 - X.4.0 THERAPEUTICS - METHODOLOGY, STATISTICS, AND RESEARCH DESIGN

National Library of Medicine. ClinicalTrials.gov. NLM, 2000-. URL: <http://clinicaltrials.gov/>

D.3.a GERIATRICS

Brocklehurst's textbook of geriatric medicine and gerontology. 6th ed. New York: Churchill Livingstone, 2002. ISBN: 0443070873. \$239.00.

Delafuente, Jeffrey C.; and Stewart, Ronald B., eds. Therapeutics in the elderly. 3rd ed. Cincinnati: Harvey Whitney, 2001. ISBN: 092937522x. \$134.

Hazzard, William R.; Blass, John P.; Halter, Jeffrey B., et al., eds. Principles of geriatric medicine and gerontology. 5th ed. New York: McGraw-Hill, 2003. ISBN: 0071402160. \$195.00.

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

The Merck manual of geriatrics. 3rd ed. Whitehouse Station, NJ: Merck, 2000. ISBN: 0911910883. \$37.50.

Semla, Todd P.; Beizer, Judith L.; and Higbee, Martin D. , eds. Geriatric dosage handbook: including monitoring, clinical recommendations, and OBRA guidelines. 11th ed. Hudson, OH: Lexi-Comp, 2006. ISBN: 1591950252. \$45.95. Also available online and in CD-ROM and handheld versions.

D.3.b NEUROLOGY

Adam's & Victor's principles of neurology. 8th ed. New York: McGraw-Hill, 2005. ISBN: 007141620X. \$129.00.

Hefti, Franz F. Drug discovery for nervous system diseases. New York: Wiley, 2005. ISBN: 0471465631. \$99.95.

Levy, Rene H.; Mattson, Richard H.; Meldrum, Brian S., et al., eds. Antiepileptic drugs. 5th ed. Philadelphia: Lippincott Williams & Wilkins, 2002. ISBN: 0781723213. \$179.00.

D.3.b - X.2.b NEUROLOGY - HANDBOOKS AND DICTIONARIES

Omoigui, Sota. Pain drugs handbook. 2nd ed. Malden, MA: State-of-the-Art Technologies, 1999. ISBN: 0632044195. \$49.00.

D.3.c NUTRITION AND NUTRACEUTICALS

Bowes & Church's food values of portions commonly used. 18th ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 0781744296. \$62.95.

Cadenas, Enrique; and Packer, Lester, eds. Handbook of antioxidants. 2nd ed. New York: Dekker, 2002. ISBN: 0824705475. \$214.50.

Krause's food, nutrition & diet therapy. 11th ed. Philadelphia: Saunders, 2003. ISBN: 0721697844. \$89.95.

Williams, Sue Rodwell. Essentials of nutrition and diet therapy. 8th ed. St. Louis: Mosby, 2002. ISBN: 0323003982. \$61.95.

Wolinsky, Ira; and Williams, Louis, eds. Nutrition in pharmacy practice. Washington, DC: American Pharmacists Association, 2002. ISBN: 1582120234. \$59.00.

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

International bibliographic information on dietary supplements (IBIDS). Office of Dietary Supplements, National Institutes of Health, updated quarterly.
URL: http://dietary-supplements.info.nih.gov/Health_Information/IBIDS.aspx

D.3.d ONCOLOGY AND HEMATOLOGY

Williams hematology. 7th ed. New York: McGraw-Hill, 2006. ISBN: 0071435913. \$189.00.

Wintrobe's clinical hematology. 11th ed. Philadelphia: Lippincott Williams & Wilkins, 2003. ISBN: 0781736501. 2-vol. set, \$199.00.

Abeloff, Martin D., ed. Clinical oncology. 3rd ed. New York: Churchill Livingstone, 2004. ISBN: 0443066299. \$225.00.

*Devita, Vincent T., Jr.; Hellman, Samuel; and Rosenberg, Steven A., eds. Cancer: principles & practice of oncology. 7th ed. Philadelphia: Lippincott Williams & Wilkins, 2005. ISBN: 0781748658 (2 vol. set). 2-vol. set, \$329.00.

Finley, R. S.; and Balmer, C., eds. Concepts in oncology therapeutics. 2nd ed. Bethesda: American Society of Health-System Pharmacists, 1998. ISBN: 187990778X. \$94.00.

Foye, William O., ed. Cancer chemotherapeutic agents. Washington, DC: American Chemical Society, 1995. ISBN: 0841229201. \$165.00.

Haskell, Charles M., ed. Cancer treatment. 5th ed. Philadelphia: Harcourt, 2001. ISBN: 0721678335. \$199.00.

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*Magalini, Sergio I.; and Magalini, Sabina C., eds. Dictionary of medical syndromes. 4th ed. Philadelphia: Lippincott Williams & Wilkins, 1997. ISBN: 0397584180. \$99.00.

Mendelsohn, J.; Howley, P. M.; Israel, M. A., et al., eds. The molecular basis of cancer. 2nd ed. Philadelphia: Saunders, 2001. ISBN: 0721672914. \$174.00.

Perry, Michael C., ed. Chemotherapy source book. 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 2001. ISBN: 0781723639. \$179.00.

Rosenberg, S. A., ed. Principles and practice of the biologic therapy of cancer. 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 2000. ISBN: 0781722711. \$134.00.

D.3.e PARENTERALS

*Plumer's principles and practice of intravenous therapy. 8th ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 0781759447. \$49.95.

*King guide to parenteral admixtures. 35th ed. St. Louis: King Guide, 2006. ISBN: 0978638603. \$179.00. Also available in loose-leaf form, with updates, on CD-ROM, and on the Internet.

Akers, Michael J.; Larrimore, Daniel S.; and Guazzo, Dana Morton, eds. Parenteral quality control: sterility, pyrogen, particulate and package integrity testing. 3rd ed. New York: Dekker, 2003. ISBN: 0824708857. \$165.00.

*Phelps, Stephanie J.; and Hak, Emily B., eds. Teddy bear book: pediatric injectable drugs. 8th ed. Bethesda: American Society of Health-System Pharmacists, 2007. ISBN: 9781585281589. \$94.00.

Phillips, Lynn Dianne. Manual of I.V. therapeutics. Philadelphia: F.A. Davis, 2005. ISBN: 9780803613683. \$37.95.

Pichard, Claude; and Kudsk, Kenneth A. From nutrition support to pharmacologic nutrition in the ICU. 2nd ed. New York: Springer, 2002. ISBN: 0721681204. \$64.95.

Rombeau, John L.; and Rolandelli, Rolando H., eds. Clinical nutrition: parenteral nutrition. 3rd ed. Philadelphia: Saunders, 2000. ISBN: 0721681204. \$149.00.

*Trissel, Lawrence A., ed. Handbook of injectable drugs. 14th ed. Bethesda: American Society of Health-System Pharmacists, 2006. ISBN: 9781585281503. \$234.00.

D.3.f PEDIATRICS

*Nelson textbook of pediatrics. 17th ed. Philadelphia: Saunders, 2003. ISBN: 0721695566. \$129.00.

Burg, Frederic B.; Ingelfinger, Julie R.; Richard, A. Polin, et al., eds. Current pediatric therapy. 18th ed. Philadelphia: Saunders, 2006. ISBN: 0721605494. \$109.00.

Pagliari, Louis A.; and Pagliaro, Ann M. Problems in pediatric drug therapy. 4th ed. Hamilton, IL: American Pharmacists Association, 2002. \$39.00.

Schardein, James L., ed. Chemically induced birth defects. 3rd ed. New York: Dekker, 2000. ISBN: 0824702654. \$195.00.

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

The Harriet Lane handbook: a manual for pediatric house officers. 17th ed. St. Louis: Elsevier Mosby, 2005. ISBN: 0323029175. \$49.95.

Nahata, Milap C.; and Hipple, Thomas F., eds. Pediatric drug formulations. 5th ed. Cincinnati: Harvey Whitney, 2003. ISBN: 0929375254. \$104.56.

Taketomo, Carol K.; Hodding, Jane H.; and Kraus, Donna M., eds. Pediatric dosage handbook. 11th ed. Hudson, OH: Lexi-Comp, 2004. ISBN: 1591950929. \$46.95. Also available online and in CD-ROM and handheld versions.

Zenk, Karin E.; Sills, Jack H.; and Koepfel, Robin M., eds. Neonatal medications & nutrition: a comprehensive guide. 3rd ed. Santa Rosa, CA: NICU INK, 2003. ISBN: 9781887571104. \$79.34.

D.3.g PSYCHIATRY

Diagnostic and statistical manual of mental disorders : DSM-IV-TR. 4th rev. ed. Washington, D.C.: American Psychiatric Association, 2000. ISBN: 0890420246. \$89.00. Also available in paperback.

*Kaplan & Sadock's comprehensive textbook of psychiatry. 8th ed. Philadelphia: Lippincott Williams & Wilkins, 2005. ISBN: 0781734347. 2-vol. set, \$279.00.

Hadad, Peter; Dursun, Serdar; and Deakin, Bill. Adverse syndromes and psychiatric drugs: a clinical guide. Oxford, England: Oxford, 2004. ISBN: 9780198527480. \$49.95.

Julien, Robert M. A primer of drug action: a concise, nontechnical guide to the actions, uses, and side effects of psychoactive drugs. 10th ed. New York: Worth Publishers, 2001. ISBN: 9780716706151. \$51.95.

Keane, Terence Martin; Foa, Edna B.; and Friedman, Matthew J., eds. Effective treatments for PTSD: practice guidelines from the International Society for Traumatic Stress Studies. New York: Guilford Press, 2004. ISBN: 9781593850142. \$28.00.

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D.3.g - X.1.0 PSYCHIATRY - HISTORY

Musto, David F. Drugs in America: a historical reader. New York: New York University Press, 2002. ISBN: 081475662X. \$65.00.

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

Bezchlibnyk-Butler, Kalyna Z.; and Jeffries, J. Joel, eds. Clinical handbook of psychotropic drugs. 13th ed. Kirkland, WA: Hogrefe & Huber Publishers. ISBN: 088937273X. \$54.95.

*Fuller, Matthew A.; and Sajatovic, Martha. Psychotropic drug information handbook. 4th ed. Hudson, OH: Lexi-Comp, Inc., 2003. ISBN: 1591950279. \$34.95.

Jacobson, Sandra A.; Pies, Ronald W.; and Greenblatt, David J., eds. Handbook of geriatric psychopharmacology. Washington, D.C.: American Psychiatric Press, 2002. ISBN: 0880488239. \$54.00.

D.3.h SUBSTANCE ABUSE

- Karch's pathology of drug abuse. 3rd ed. Boca Raton, FL: CRC, 2003. ISBN: 9780849303432. \$129.95.
- Pagliari's comprehensive guide to drugs and substances of abuse. Washington, DC: American Pharmacists Association, 2004. ISBN: 9781582120669. \$105.00.
- Brick, John, ed. Handbook of medical consequences of alcohol and drug abuse. 2nd ed. Binghamton, NY: Haworth Press, 2008. ISBN: 9780789035745. \$149.95. Also available in paperback.
- Galanter, Marc; and Kleber, Herbert D., eds. American Psychiatric Publishing textbook of substance abuse treatment. 4th ed. Washington, DC: American Psychiatric Publishing, 2008. ISBN: 9781585622764. \$165.00.
- Graham, Allan W.; Schultz, Terry K.; Mayo-Smith, Michael F., et al., eds. Principles of addiction medicine. 3rd ed. Chevy Chase, MD: American Society of Addiction Medicine, 2003. ISBN: 9781880425046. \$203.95.
- Liska, Ken. Drugs and the human body: with implications for society. 8th ed. Upper Saddle River, NJ: Pearson Prentice Hall, 2008. ISBN: 9780132447133. \$79.00.
- Lowinson, Joyce H.; Ruiz, Pedro; Millman, Robert B., et al., eds. Substance abuse: a comprehensive textbook. 4th ed. Philadelphia: Lippincott Williams & Wilkins, 2005. ISBN: 9780781734745. \$222.95.
- Ries, Richard K.; Fiellin, David A.; Miller, Shannon, et al., eds. Principles of addiction medicine. Philadelphia: Lippincott Williams and Wilkins, 2009. ISBN: 9780781774772. \$199.00 (due 03/2009).
- Rotgers, Frederick; Morgenstern, Jon; and Walters Scott, T., eds. Treating substance abuse: theory and technique. 2nd ed. New York: Guilford, 2003. ISBN: 9781593853747. \$50.00.

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

- Karch, Steven B., ed. Drug abuse handbook. 2nd ed. Boca Raton, FL: CRC/Taylor and Francis, 2007. ISBN: 9780849316906. \$189.95.
- Perkinson, Robert R.; and Jongsma, Arthur E., Jr. The addiction treatment planner. 3rd ed. Hoboken, NJ: Wiley, 2006 ISBN: 9780471725442. \$55.00.
- Rastegar, Darius A.; and Fingerhood, Michael I. Addiction medicine: an evidence-based handbook. Philadelphia: Lippincott Williams and Wilkins, 2005. ISBN: 9780781761543. \$59.95.
- Winger, Gail; Woods, James H.; and Hofmann, Frederick G. Handbook on drug and alcohol abuse: the biomedical aspects. 4th ed. New York: Oxford, 2004. ISBN: 9780195172782. \$65.00 Also available in paperback.

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

National Clearinghouse on Alcohol and Drug Information. U.S. Substance Abuse and Mental Health Services Administration. URL: <http://ncadi.samhsa.gov/about/aboutncadi.aspx>

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.nida.nih.gov/NIDAHome.html>

D.3.i SURGERY

Donnelly, Andrew J.; Baughman, Verna L.; Gonzales, Jeffrey P., et al. Anesthesiology & critical care drug handbook : including select disease states & perioperative management. 6th ed. Hudson, OH: Lexi-Comp, 2005. ISBN: 1591950635. \$41.95.

Evers, Alex S.; and Maze, Mervyn. Anesthetic pharmacology : physiologic principles and clinical practice : a companion to Miller's Anesthesia. New York: Churchill Livingstone, 2004. ISBN: 0443065799. \$125.00.

Miller, Ronald D. , ed. Miller's anesthesia. 6th ed. New York: Elsevier/Churchill Livingstone, 2005. ISBN: 0443066183. \$299.00. Two-volume set with video clips on accompanying CD-ROM. Also available in online version, with continuous updates.

Stoelting, Robert K.; and Hillier, Simon C. Pharmacology and physiology in anesthetic practice. 4th ed. Philadelphia: Lippincott, 2006. ISBN: 0781754690. \$125.00.

Tetzlaff, John E., ed. Clinical pharmacology of local anesthetics. Boston: Butterworth-Heinemann, 2000. ISBN: 0750697970. \$56.00.

D.4 ALTERNATIVE MEDICINE

Burton Goldberg Group, ed. Alternative medicine: the definitive guide. 2nd ed. Berkeley, CA: Celestial Arts, 2002. ISBN: 0587611406. \$59.95.

Collinge, William, ed. The American Holistic Health Association complete guide to alternative medicine. New York: Warner, 1996. ISBN: 9780446672580. \$22.99.

Feuerman, Francine; and Handel, Marsha J., eds. Alternative medicine resource guide. Lanham, MD: Medical Library Association, 1997. ISBN: 0810832844. \$49.50.

Freeman, Lynda W., ed. Mosby's complementary & alternative medicine: a research-based approach. 2nd ed. St. Louis: Mosby, 2004. ISBN: 0323026265. \$59.95.

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Spencer, John W.; and Jacobs, Joseph J. Complementary and alternative medicine: an evidence-based approach. 2nd ed. St. Louis: Mosby, 2003. ISBN: 0323030383. \$52.95.

D.4 - X.2.b ALTERNATIVE MEDICINE - HANDBOOKS AND DICTIONARIES

Stedman's alternative & complementary medicine words. 2nd ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 0781755212. \$42.95.

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

National Institutes of Health. National Center for Complementary and Alternative Medicine. Bethesda, MD: National Institutes of Health. URL: <http://nccam.nih.gov/>

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

Berger, Bruce A. Communication skills for pharmacists: building relationships, improving patient care. 2nd ed. Washington, DC: American Pharmacists Association, 2005. ISBN: 9781582120805. \$41.00.

Cipolle, Robert J.; M., Strand Linda; and C., Morley Peter. Pharmaceutical care practice. 2nd ed. New York: McGraw-Hill, 2004. ISBN: 9780071362597. \$68.95.

Cohen, Michael R. Medication errors. 2nd ed. Washington, DC: American Pharmacists Association, 2007. \$89.95.

*Knowlton, Calvin H.; and Penna, Richard P., eds. Pharmaceutical care. 2nd ed. Bethesda: American Society of Health System Pharmacists, 2003. ISBN: 9781585280377. \$79.00.

Ksir, Charles; Hart, Carl L.; and Ray, Oakley Stern. Drugs, society and human behavior with PowerWeb. 11th ed. New York: McGraw-Hill, 2005. ISBN: 9780073138923. \$89.38.

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*Meldrum, Helen. Interpersonal communication in pharmaceutical care. New York: Haworth, 1994. ISBN: 9781560248668. \$197.28.

Rantucci, Melanie J. Pharmacists talking with patients: a guide to patient counseling. 2nd ed.

Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781763301. \$50.95.

*Smith, Mickey C.; and Wertheimer, Albert I., eds. Social and behavioral aspects of pharmaceutical care. New York: Pharmaceutical Products Press, 1996. ISBN: 9781560249528. \$99.95.

Taylor, Kevin M. G.; Nettleton, Sarah; and Harding, Geoffrey. Sociology for pharmacists. Boca Raton, FL: CRC Press, 2003. ISBN: 9780415274876. \$129.95.

Wertheimer, Albert I.; and Smith, Mickey C. A casebook in social and behavioral pharmacy. Cincinnati: Harvey Whitney, 1987. ISBN: 9780960648863. o.p.

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

Comprehensive accreditation manual for ambulatory care (CAMAC). Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations, loose-leaf, updated annually. ISBN: 9781599401232. \$265.00.

*Bolton, Sanford; and Bon, Charles. Pharmaceutical statistics: practical and clinical applications. 4th ed. New York: Dekker, 2004. ISBN: 9780824746957. \$249.95; 5th ed. due 3/2009.

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Hutchinson, Allen; Mccoll, Elaine; Christie, Margaret, et al., eds. Health outcome measures in primary and out-patient care. Amsterdam, the Netherlands: Harwood Academic Publishers, 1996. ISBN: 9783718658992. \$139.95.

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

Social sciences citation index. Thomson Reuters, updated weekly. Available in a variety of formats and at various prices. URL: <http://scientific.thomsonreuters.com/products/ssci/>

E.1.0 HEALTH CARE POLICY, SYSTEMS AND SERVICES

*Jonas and Kovner's health care delivery in the United States. 9th ed: Springer, 2008. ISBN: 9780826120984. \$62.00.

Mccarthy, Robert L.; and Schafermeyer, Kenneth W., eds. Introduction to health care delivery: a primer for pharmacists. 4th ed. Sudbury, MA: Jones & Bartlett, 2007. ISBN: 9780763743536. \$72.95.

*Smith, Michale Ira; Fincham, Jack E.; and Wertheimer, Albert I., eds. Pharmacy and the U.S. health care system. 3rd ed. New York: Pharmaceutical Products Press, 2005. ISBN: 9780789018755. \$69.95.

E.1.a EPIDEMIOLOGY

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*Gordis, Leon. Epidemiology. 4th ed. Philadelphia: Elsevier Saunders, 2008. ISBN: 9781416040026. \$49.95.

Hartzema, Abraham G.; Tilson, Hugh H.; and Chan, K. Arnold, eds. Pharmacoepidemiology and therapeutic risk management. Cincinnati: Harvey Whitney, 2008. ISBN: 9780929375304. \$305.00.

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*Strom, Brian L.; and Kimmel, Stephen E., eds. Textbook of pharmacoepidemiology. New York: Wiley, 2007. ISBN: 9780470029244. \$160.00. Also available in paperback.

E.1.b PHARMACOECONOMICS

*Bootman, J. Lyle; Townsend, Raymond J.; and Mcghan, William F., eds. Principles of pharmacoconomics. 3rd ed. Cincinnati: Harvey Whitney, 2005. ISBN: 0929375270. \$72.00.

Carroll, Norman V. Financial management for pharmacists: a decision-making approach. 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781762397. \$48.95.

Drummond, Michael F.; Sculpher, Mark J.; Torrance, George W., et al. Methods for the economic evaluation of health care programmes. 3rd ed. Oxford, England: Oxford, 2005. ISBN: 9780198529446. \$144.78

Grauer, D. W.; Lee, J.; Odom, T. D., et al., eds. Pharmacoconomics and outcomes: applications for patient care. 2nd ed. Kansas City, MO: American College of Clinical Pharmacy, 2003. ISBN: 9781880401781. \$101.50.

Hutchinson, Allen; Mccoll, Elaine; Christie, Margaret, et al., eds. Health outcome measures in primary and out-patient care. Amsterdam, the Netherlands: Harwood Academic Publishers, 1996. ISBN: 9783718658992. \$139.95.

Rascati, Karen. Essentials of pharmacoconomics. Philadelphia: Lippincott, Williams and Wilkins, 2008. ISBN: 9780781765442 \$59.95.

Schweitzer, Stuart O. *Pharmaceutical economics and policy*. 2nd ed. New York: Oxford, 2007. ISBN: 9780195300956. \$55.00.

*Smith, Mickey C., ed. *Studies in pharmaceutical economics*. New York: Pharmaceutical Press, 1996. ISBN: 9780789000620. \$64.95.

Spilker, Bert, ed. *Quality of life and pharmacoeconomics in clinical trials*. 2nd ed. Philadelphia: Lippincott Williams and Wilkins, 1996. ISBN: 9780781703321. \$175.00.

E.2.0 PATIENT-RELATED ACTIVITIES

Griffith's instructions for patients. 7th ed. Philadelphia: Saunders, 2005. ISBN: 9781416000365. \$79.95.

*Medication teaching manual: the guide to patient drug information. 8th ed. Bethesda: American Society of Health-System Pharmacists, 2004. ISBN: 9781585280575. \$119.00.

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Osborne, Helen. *Health literacy from A to Z: practical way to communicate your health message*. Boston, MA: Jones and Bartlett, 2005. ISBN: 9780763745509. \$30.95.

Purtilo, Ruth; and Haddad, Amy. *Health professional and patient interaction*. 7th ed. Philadelphia: Saunders, 2007. ISBN: 9781416022442. \$49.95.

Redman, Barbara K. *Advances in patient education*. New York: Springer, 2004. ISBN: 9780826127358. \$40.00.

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Tietze, Karen J. *Clinical skills for pharmacists: a patient-focused approach*. 2nd ed. St. Louis: Mosby, 2004. ISBN: 9780323024730. \$50.95.

E.2.a DISEASE STATE MANAGEMENT

*Blenkinsopp, Alison; Paxton, Paul; and Blenkinsopp, John. *Symptoms in the pharmacy; a guide to the management of common illness*. 5th ed. Malden, MA: Blackwell, 2005. ISBN: 1405122226. \$49.95.

*Helms, Richard A.; and Quan, David J., eds. Textbook of therapeutics: drug and disease management. 8th ed. Philadelphia: Lippincott Williams & Wilkins, 2006. ISBN: 0781757347. \$165.00.

Howe, Rufus. The disease manager's handbook. Sudbury, MA: Jones and Bartlett, 2005. ISBN: 9780763747831. \$51.95.

Huber, Diane. Disease management: a guide for case managers. Edinburgh, Scotland: Elsevier Saunders, 2005. ISBN: 9780721639116. \$74.95.

Nuovo, Jim, ed. Chronic disease management. New York: Springer, 2006. ISBN: 9780387329277. \$59.95.

Patterson, Richard. Changing patient behavior: improving outcomes in health and disease management. San Francisco: Jossey-Bass, 2000. ISBN: 9780787952792. \$79.00.

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Tisdale, James E.; and Miller, Douglas A., eds. Drug-induced diseases: prevention, detection, and management. Bethesda: American Society of Health-System Pharmacists, 2005. ISBN: 9781585280865. \$106.00.

Todd, Warren E.; and Nash, David. Disease management: a systems approach to improving patient outcomes. San Francisco: Jossey-Bass, 1997. ISBN: 9781556481680. \$110.00, o.p.

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

*Physician's desk reference for nonprescription drugs and dietary supplements. Montvale, NJ: Medical Economics, annual. ISBN: 1563634783. 2004, \$58.95. Also available with the PDR Electronic Library on CD-ROM and on the Internet.

Compendium of self-care products. Ottawa, Canada: Canadian Pharmacists Association, annual. 2002-03, \$85.00.

*Berardi, Rosemary; Desimone, Edward M.; Newton, Gail D., et al., eds. Handbook of nonprescription drugs: an interactive approach to self-care. 14th ed. Washington, DC: American Pharmacists Association, 2004. ISBN: 1582120501. \$135.00.

E.3.0 PHARMACISTS' PROFESSIONAL DEVELOPMENT

Gable, Fred B. Opportunities in pharmacy careers. 2nd ed. New York: McGraw-Hill, 2003. ISBN: 0071411526. \$12.95.

Nielson-Bohlman, Lynn. Health literacy: a prescription to end confusion. Washington, DC: National Academy Press, 2004. ISBN: 9780309091176. \$49.95.

Pugliese, Tina L. Public relations for pharmacists. 2nd ed. Washington, DC: American Pharmacists Association, 2008. ISBN: 9781582121215. \$29.95.

Reinders, Thomas P. Pharmacy professional's guide to resumes, CVs and interviewing. 2nd rev. ed. Washington, DC: American Pharmacists Association, 2006. ISBN: 9781582120768. \$43.00.

Scott, Mark. Survival guide for the new pharmacy manager. Bethesda: American Society of Health-System Pharmacists, 2007. ISBN: 9781585281527. \$49.00.

Worthen, Dennis B. Heroes of pharmacy: professional leadership in times of change. Washington: American Pharmacists Association, 2008. ISBN: 9781582121116. \$35.00.

E.3.a COMMUNICATION SKILLS

*Beardsley, Robert S.; Kimberlin, Carole L.; and Tindall, William N., eds. Communication skills in pharmacy practice: a practical guide for students and practitioners. 5th ed. Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781765985. \$40.95.

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Chapin, Paul G.; and Leshner, Alan I. Research projects and research proposals: a guide for scientists seeking proposals. New York: Cambridge, 2004. ISBN: 0521537169. \$22.99.

Rantucci, Melanie J. Pharmacists talking with patients: a guide to patient counseling. 2nd ed. Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781763301. \$50.95.

E.3.b EDUCATION

Anderson, Lorin W.; and Krathwohl, David R., eds. A taxonomy for learning, teaching and assessing: a revision of Bloom's taxonomy of educational objectives. New York: Longman, 2000. ISBN: 9780801319037. \$43.80.

Barkley, Elizabeth F.; Cross, Patricia K.; and Major, Claire Howell, eds. Collaborative learning techniques: a handbook for college faculty. San Francisco: Jossey-Bass, 2004. ISBN: 9780787955182. \$40, paperback.

Berger, Bruce A. Promoting civility in pharmacy education. Binghamton, NY: Haworth, 2003. ISBN: 0789021218. \$19.95.

Bonwell, Charles C.; and Eison, James A. Active learning: creating excitement in the classroom. San Francisco: Jossey-Bass, 1991. ISBN: 9781878380081. \$29.00.

Branche, Jerome; Mullennix, John W.; and Cohn, Ellen R., eds. Diversity across the curriculum: a guide for faculty in higher education: Jossey-Bass, 2007. ISBN: 9781933371283. \$40.00.

Cross, K. Patricia; and Angelo, Thomas A. Classroom assessment techniques; a handbook for college teachers. San Francisco: Jossey-Bass, 1994. ISBN: 1555425003. \$44.00.

Cuellar, Lourdes M.; and Ginsburg, Diane B., eds. Preceptor's handbook for pharmacists. Bethesda: American Society of Health-System Pharmacists, 2005. ISBN: 9781585281169. \$36.00.

Desselle, Shane P.; and Hammer, Dana P., eds. Handbook for pharmacy educators: getting adjusted as a new pharmacy faculty member. New York: Pharmaceutical Products Press, 2002. ISBN: 0789019868. \$30.00. Also available in paperback.

Diamond, Robert M. Designing and assessing courses and curricula: a practical guide. San Francisco: Jossey-Bass, 1997. ISBN: 0787910309. \$40.00.

Fink, L. Dee. Creating significant learning experiences: an integrated approach to designing college courses. San Francisco: Jossey-Bass, 2003. \$40.00.

Harmon, Robin, ed. Handbook of pharmacy health education. 2nd ed. London, England: Pharmaceutical Press, 2001. ISBN: 0853694710. \$62.00.

King, Patricia; and Kitchener, Karen S. Developing reflective judgment: understanding and promoting intellectual growth and critical thinking in adolescents and adults. San Francisco: Jossey-Bass, 1994. ISBN: 1555426298. \$45.00 (print-on-demand).

McKeachie, Wilbert J.; Svinicki, Marilla; and Hofer, Barbara, eds. Teaching tips: strategies, research, and theory for college and university teachers. 12th ed. Boston: Houghton Mifflin, 2005. ISBN: 9780618515561. \$61.95.

Richlin, Laurie. Blueprint for learning: constructing college courses to facilitate, assess, and document learning. Sterling, VA: Stylus Publishing, 2006. ISBN: 9781579221430 \$69.95. Also available in paperback.

*Straus, Sharon E.; Richardson, W. Scott; Glasziou, Paul, et al., eds. Evidence-based medicine: how to practice and teach EBM. 3rd ed. New York: Churchill Livingstone, 2005. ISBN: 9780443074448. \$53.95.

Walvoord, Barbara. Assessment clear and simple: a practical guide for institutions, departments, and general education. San Francisco: Jossey-Bass, 2004. ISBN: 9780787973117. \$28.00.

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

Pharmacy in the 21st century. Conference on pharmacy in the 21st century, October 11-14, 1989. Alexandria, VA: American Association of Colleges of Pharmacy, 1989. \$50.00.

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

Pharmacy in the 21st century: planning for an uncertain future; the proceedings from a strategic planning conference for the professional pharmacy community in cooperation with The Institute

for Alternative Futures and Project HOPE Institute for Health Policy, March 25-28, 1984.
Alexandria, VA: Institute for Alternative Futures and Project HOPE, 1985. o.p.

Pharmacy in the 21st century: the third strategic planning conference for pharmacy practice, October 7-10, 1994. Washington, DC: American Pharmacists Association, 1995. o.p.

Millis, John S., ed. Pharmacists for the future: the report of The Study Commission on Pharmacy, commissioned by The American Association of Colleges of Pharmacy, 1975. Ann Arbor, MI: Health Administration Press, 1975. ISBN: 0914904140. o.p., but included in Worthen, Dennis, ed. The Millis Study Commission on Pharmacy (see entry in X.1.0 HISTORY).

Wertheimer, Albert I., ed. Final report of the Kellogg Pharmaceutical Clinical Scientist Program. Binghamton, NY: Haworth, 1990. o.p.

E.3.b - X.5 EDUCATION - DIRECTORIES

*American Association of Colleges of Pharmacy, ed. Roster of faculty and professional staff. Bethesda, MD: American Association of Colleges of Pharmacy, annual. 2005-06, \$100.00.

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

American Association of Colleges of Pharmacy. Alexandria, VA: American Association of Colleges of Pharmacy. URL: <http://www.aacp.org>

*Accreditation Council for Pharmacy, Education, ed. Accreditation manual for professional degree programs, amended May, 2002. 9th ed. Chicago, IL: Accreditation Council for Pharmacy Education, 2002. Free.

*Accreditation Council for Pharmacy, Education, ed. Accreditation standards and guidelines: revised PharmD standards, adopted January 15, 2006. Chicago: American Council on Pharmacy Education, 2006. Free.

Accreditation Council for Pharmacy, Education, ed. Directory of accredited providers of continuing pharmaceutical education. Chicago, IL: Accreditation Council for Pharmacy Education. Free.

Accreditation Council for Pharmacy, Education, ed. P.L.A.N. Pharmacists' Learning Assistance Network. Chicago, IL: Accreditation Council for Pharmacy Education. Free.

E.4.0 PROFESSIONAL PRACTICE

*Remington: the science and practice of pharmacy. 21st ed. Philadelphia: Lippincott Williams & Wilkins, 2005. ISBN: 9780781746731. \$149.00.

*Beardsley, Robert S.; Kimberlin, Carole L.; and Tindall, William N., eds. *Communication skills in pharmacy practice: a practical guide for students and practitioners*. 5th ed. Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781765985. \$40.95.

Carroll, Norman V. *Financial management for pharmacists: a decision-making approach*. 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 2007. ISBN: 9780781762397. \$48.95.

Desselle, Shane P.; and Zgarrick, David P., eds. *Pharmacy management: essentials for all practice settings*. 2nd ed. New York: McGraw-Hill, 2008. ISBN: 9780071494366. \$52.95.

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Smith, Mickey D.; Kolassa, E. M.; Perkins, Greg, et al., eds. *Pharmaceutical marketing: principles, environment, and practice*. New York: Pharmaceutical Products Press, 2002. ISBN: 9780789015822. \$69.95.

Thompson, Judith E.; and Davidow, Lawrence. *A practical guide to contemporary pharmacy practice*. 2nd ed. Philadelphia: Lippincott Williams & Wilkins, 2004. ISBN: 9780781741774. \$69.95. 3rd ed. due 01/09.

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

*Buerki, Robert A.; and Vottero, Louis D. *Ethical responsibility in pharmacy practice*. 2nd ed. Madison, WI: American Institute of the History of Pharmacy, 2002. ISBN: 0931292379. \$25.00.

Veatch, Robert; and Haddad, Amy, eds. *Case studies in pharmacy ethics*. 2nd ed. Oxford, England: Oxford, 2008. ISBN: 9780195308129. \$29.95.

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

Martindale's the "Virtual" - pharmacy, pharmacology & toxicology center. Jim Martindale, 1994-. URL: <http://www.martindalecenter.com/Pharmacy.html>

E.4.a COMMUNITY PHARMACY

Chain drug review: annual report of retail pharmacy. New York: Racher Press, Annual.
ISSN: 0164-9914. \$100.00.

*NCPA-Pfizer digest. Alexandria, VA: National Community Pharmacists Association, 2007. \$99.00.

Edwards, Clive; and Stillman, Paul. Minor illness or major disease? : the clinical pharmacist in the community. 4th ed. Grayslake, IL: Pharmaceutical Press, 2006. ISBN: 9780853696278. \$45.00.

Roberts, Allison; Benrimoj, S.I. ; Dunphy, Dexter C., et al. Community pharmacy: strategic change management. New York: McGraw-Hill, 2007. ISBN: 9780074717783 \$59.36.

Rutter, Paul. Community pharmacy: symptoms, diagnosis and treatment. New York: Churchill Livingstone, 2004. ISBN: 9780443073625 \$69.95.

Tindall, William N.; and Millonig, Marsha K. Pharmaceutical care: insights from community pharmacists. Boca Raton, FL: CRC Press, 2003. ISBN: 9781566769532. \$84.95.

Waterfield, Jon. Community pharmacy handbook. Chicago: Pharmaceutical Press, 2007.
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E.4.a - X.7 COMMUNITY PHARMACY - WEB SITES

National Community Pharmacists Association. Alexandria, VA. URL: <http://www.ncpanet.org/>

Hoey, B. Douglas; and Jung, Sandra Kay. NACDS/NCPA community pharmacy practice residency guidelines. National Community Pharmacists Association, 2002.
URL: <http://www.ncpanet.org/ownership/cpprguidelines.php>

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 annually.
ISBN: 9781599401232. \$265.00.

Comprehensive accreditation manual for hospitals (CAMH): the official handbook. Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations, loose-leaf, updated quarterly.
ISBN: 9781599401263. \$375.00; updates, \$280.00; both, \$625.00.

Comprehensive accreditation manual for long term care (CAMLTC). Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations, 2008. ISBN: 9781599401294.
\$265.00; supplement, \$200.00; both, \$450.00.

Brown, Thomas R., ed. Handbook of institutional pharmacy practice. 4th ed. Bethesda: American Society of Health-System Pharmacists, 2006. ISBN: 9781585281145. \$129.00.

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

*Best practices for hospital & health-system pharmacy : position & guidance documents of ASHP. Bethesda: American Society of Health-System Pharmacists, 2008. ISBN: 9781585282005. 2007-08, \$71.00.

E.4.b - X.4.a HEALTH-SYSTEM PHARMACY AND INSTITUTIONAL PHARMACY - QUALITY ASSURANCE

Coe, Charles P.; and Uselton, John P. Assuring continuous compliance with Joint Commission standards: a pharmacy guide. 7th ed. Bethesda: American Society of Health-System Pharmacists, 2008. ISBN: 9781585281718. \$120.00.

*Joint Commission for the Accreditation of Healthcare Organizations, ed. A guide to performance improvement for pharmacies. Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations, 1997. ISBN: 0866885374. \$45.00.

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

*AHA guide to the health care field: a guide to United States hospitals, health care systems, networks, alliances, health organizations, agencies, and providers. Chicago: Healthcare InfoSource, annual. 2008, \$330.00.

*AHA hospital statistics. Chicago: Healthcare InfoSource, annual. 2007, \$235.00.

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

American Society of Health System Pharmacists. Policy positions & guidelines (best practices). Bethesda: American Society of Health-System Pharmacists. URL: <http://www.ashp.org/bestpractices>

E.4.c HOME HEALTH CARE

Joint Commission on Accreditation of Healthcare, Organizations, ed. 2006-07 Standards for pharmacy dispensing, clinical/consultant pharmacist, long term care pharmacy, and freestanding ambulatory infusion services. Oakbrook Terrace, IL: Joint Commission on Accreditation of Healthcare Organizations, 2006. ISBN: 9780866889612. \$105.00.

E.4.c-X.1.a HOME HEALTH CARE - CLASSICS

Catania, Patrick N.; and Rosner, Martin M., eds. Home health care practice. 2nd ed. Palo Alto, CA: Health Markets Research, 1994. o.p.

E.4.d MANAGED CARE

Navarro, Robert. Managed care pharmacy practice. 2nd ed. Sudbury, MA: Jones and Bartlett, 2008. ISBN: 9780763732400 \$89.95.

Wertheimer, Albert I.; and Navarro, Robert, eds. Managed care pharmacy: principles and practice. New York: Pharmaceutical Products, 1999. ISBN: 0789006391. \$52.95.

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/>

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