CHAPTER 1—HISTORY OF MEDICINE AND PHARMACY

American Journal of Pharmacy  Historical documents from this journal, published between 1881 and 1898; from the Southwest School of Botanical Medicine. Issues from 1871 are also available from Henriette’s Herbal Homepage.


Works by Hippocrates  Available full text online from The Internet Classics Archive, by Daniel C. Stevenson, Web Atomics.

Agencies and Organizations

American Institute of the History of Pharmacy
International Society for the History of Pharmacy

CHAPTER 2—PHARMACY FEDERAL LAWS AND REGULATIONS

Americans with Disabilities Act  U.S. Department of Justice.


The Cornell Legal Information Institute, which includes:

- US Code Title 21/USC TITLE 21: Food and Drugs (01/24/94)
- US Code: Title 42

Drug Scheduling  From the Drug Enforcement Administration.

Drugs@FDA  Includes: Approved and tentatively approved prescription, over-the-counter, and discontinued drugs and Drug approval letters, labels, and review packages.

Ethical Guidelines for Gifts to Physicians From Industry  Web site from the American Medical Association. Includes online educational modules.

Federal and State Regulation of Opioids  From the University of Wisconsin.

Federal Policy for the Protection of Human Subjects (‘Common Rule’)  From the Office for Human Research Protections-OHRP.


For the Record: Protecting Electronic Health Information  The full text is available online from the National Academies Press, 1997.

Generic Access  Information from the Generic Pharmaceutical Association.

From Test Tube to Patient: Protecting America’s Health Through Human Drugs, Fourth Edition, January 2006; from the U.S. Food and Drug Administration.

The Genetic Privacy Act and Commentary  George J. Annas, JD, MPH, Leonard H. Glantz, JD, Patricia A. Roche, JD; the full text is available online.

Health Hippo  A collection of connections to health policy and legal resources on the Internet.
Health Insurance Portability Act of 1996 The full text is available online from the Centers for Medicare & Medicaid Services.

Hospitals: Conditions for Coverage (CfCs) & Conditions of Participations (CoPs) From the Centers for Medicare & Medicaid Services.

Human Subjects Protection An online training module from Yale University; includes a section on The History of the Human Subjects Protection System.

Institutional Review Boards and Health Services Research Data Privacy: A Workshop Summary Committee on the Role of Institutional Review Boards in Health Services Research Data Privacy Protection, Division of Health Services; 61 pages, 2000; the full text is available online from the National Academies Press.

IRB Guidebook: Human Subject Protections - Index Page From the Office for Human Research Protections, IRB, DHHS.


MedWatch: The FDA Medical Products Reporting Program Includes sections on Safety Information and Continuing Education Articles & Other Publications.

Milestones in U.S. Food and Drug Law History From the U.S. Food and Drug Administration History of FDA site.

National Standards to Protect the Privacy of Personal Health Information An extensive site from the Office for Civil Rights, U.S. Department of Health and Human Services, with links to many full text documents related to this issue.

NeedyMeds.com A site maintained by Libby Overly, MEd, MSW, Rich Sagall, MD, that provides information on pharmaceutical companies that provide programs to assist individuals who cannot afford to buy their medications.


Patient Protection Act of 1998 Links to resources on this bill.

Patient Safety and Quality Improvement Act (Introduced in House)

Pediatric Labeling Information Database Frequently updated; from the Pediatric Drug Development page, FDA/Center for Drug Evaluation and Research.

Policy Guidance From the Office for Human Research Protections, DHHS. Includes sections on Regulations, Guidance Materials (including the Belmont Report), and Informed Consent.

Prescription to Over-the-Counter Drug Reclassification By Lori R. Jacobs, PharmD, American Family Physician, May 1, 1998; the full text is available online.

Preserving Public Trust: Accreditation and Human Research Participant Protection Programs Committee on Assessing the System for Protecting Human Research Subjects, Board on Health Sciences Policy, Institute of Medicine; 232 pages, 2001; the full text is available online from the National Academies Press.


Protecting Data Privacy in Health Services Research Committee on the Role of Institutional Review Boards in Health Services Research Data Privacy Protection, Division of Health Care Services, 208 pages, 2000; the full text is available online from the National Academies Press.

Recalls and Safety Alerts in the Past 60 Days Includes food and drug notices, from the U.S. Food and Drug Administration.
Recognizing Bedside Rationing: Clear Cases and Tough Calls By Peter A. Ubel, MD, and Susan Goold, MD, MHSA, MA; the full text is available online from the Annals of Internal Medicine 126:74–80, 1997.


The Responsible Conduct of Research in the Health Sciences By the Committee on the Responsible Conduct of Research, National Research Council, 1989. The full text is available online from the National Academies Press.


StateLaw Searchable site for state legislation from Washburn University School of Law Library.

THOMAS The U.S. Congress on the Internet; provides access to legislation in progress, and the Congressional Record; from the Library of Congress.

To Err Is Human: Building a Safer Health System Linda T. Kohn, Janet M. Corrigan, and Molla S. Donaldson, Editors; Committee on Quality of Health Care in America, Institute of Medicine; 312 pages, 2000. Available online from the National Academies Press.


www.health.gov One-stop access through "a portal to the Web sites of a number of multi-agency health initiatives and activities of the U.S. Department of Health and Human Services and other Federal departments and agencies."

Lexis-Nexis Group Commercial legal databases; full access requires subscription.

WHO-CHOICE: CHOosing Interventions that are Cost Effective Health systems and care cost-effectiveness analysis site from the World Health Organization.

Journals

FDC Reports Contains information from various FDC newsletters, offering the most current news, research, and FDA standings on pharmaceuticals and cosmetics; includes the Pink Sheet (prescription pharmaceuticals and biotechnology), Gold Sheet (quality control reports), Tan Sheet (nonprescription pharmaceuticals and nutrimrients), Gray Sheet (medical devices, diagnostics, and instrumentation), Silver Sheet (design, compliance, and quality control issues affecting the medical device and diagnostics industries), Blue Sheet (health policy and biomedical research), Rose Sheet (toiletries, fragrances, and skincare) and Green Sheet (weekly pharmacy reports). Access requires subscription.

Federal Register Online via GPO Access.

Agencies and Organizations

American Society of Law, Medicine & Ethics Center for Drug Evaluation and Research-CDER Contains information about existing and new drug products, approvals, alerts, Medication Errors site and regulatory guidance;Recalls/Withdrawals; Safety information; MedWatch; The FDA Medical Products Reporting Program. Includes sections on Medical Product Safety Information and Continuing Education Articles; and Drug Preparedness and Response to Bioterrorism.
Centers for Disease Control and Prevention Includes sites for Ethics Program Activities, Public Health Law Program, and Quarantine and Isolation.

Food and Drug Law Institute-FDLI “A non-profit institute dedicated to advancing the public health by providing a neutral forum for critical examination of the laws, regulations, and policies related to drugs, medical devices, other healthcare technologies, and foods.”

Joint Commission on Accreditation of Healthcare Organizations-JCAHO

Medicare Rights Center

National Association of Boards of Pharmacy-NABP Public access site. Includes a section on Pharmacy Law.

Occupational Health and Safety Administration Includes information on ergonomic standards and program and regulations for health care facilities.

Office of Inspector General Department of Health and Human Services.

Office of Orphan Products Development From the U.S. FDA.

Office of Research Integrity From the Public Health Service. Includes a section on Handling Misconduct.

Pharmacy Technician Certification Board-PTCB Career, examination, and statistical information. Includes links to State Boards and Regulations.

URAC “a nonprofit organization committed to promoting health quality through accreditation and certification.”

U.S. Department of Health and Human Services

U.S. Department of Justice

U.S. Food and Drug Administration-FDA Includes an excellent search engine in the upper right hand corner.

CHAPTER 3—PHARMACY ETHICS, COMPETENCIES, ASSOCIATIONS, AND SETTINGS FOR TECHNICIANS

Adult Literacy Estimates Interactive searchable site, for counties, states, or cities.

Adverse Event Reporting System-AERS “a computerized information database designed to support the FDA’s post-marketing safety surveillance program for all approved drug and therapeutic biologic products.”

A Child Receives Overdose of Phenytoin Due to Ambiguous Use of Abbreviations A case study from the Agency for Healthcare Research and Quality Morbidity and Mortality Rounds on the Web Case Studies site.

Buying Medicines and Medical Products Online: Tips and Warnings for Consumers. Information from the Food and Drug Administration. Includes information on Importing Prescription Drugs.

Clinically Significant Drug Interactions By Paul W. Ament, PharmD, John G. Bertolino, MD, MSPH, and James L. Liszewski, MD, American Family Physician, March 15, 2000; full text article online from the American Academy of Family Physicians.

Drug Product Database, Notice of Compliance Listings (NOC) - Drugs, and Advisories, Warnings and Recalls From The Marketed Health Products Directorate (MHPD), the Therapeutic Products Directorate (TPD), and the Biologic and Genetic Therapies Directorate (BGTD), Health Canada.

Herbal Remedies: Adverse Effects and Drug Interactions By Melanie Johns Cupp, PharmD, American Family Physician, March 1, 1999; full text article online.
Unit 1 References

Home Care Competency-Assessment Tool From the Section of Ambulatory and Chronic Care Practitioners, American Society of Health-System Pharmacists.

Index to Drug-Specific Information Consumer Drug Information site from the Food and Drug Administration.

The Interpersonal Web Includes extensive sections on “Communication as a process” and “Perception and Listening.”

Make No Mistake: Medical Errors Can Be Deadly Serious by Tamar Nordenberg. Online article from FDA Consumer magazine, September-October 2000.

MEDERRORS.com “Resources for Reducing Medication Errors and Improving Quality in Hospitals.”

Medical Errors & Patient Safety From the Agency for Healthcare Research and Quality.

Medication Errors Site from the FDA’s Center for Drug Evaluation and Research.

The National Medication Errors Reporting Program (ISMP MERP) Enables health care professionals who encounter actual or potential medication errors to report information confidentially to the Institute for Safe Medication Practices.

MedWatch: The FDA Medical Products Reporting Program Includes sections on Safety Information and Articles of Interest for Health Professionals.


Prescription Noncompliance due to Cost Among Adults With Disabilities in the United States Abstract of an article by Jae Kennedy, PhD, and Christopher Erb, BA, from the American Journal of Public Health 92(7), July 2002. The full article is available open-access online.

Preventable Adverse Drug Reactions: A Focus on Drug Interactions Online self study program from CDER.

Preventing Medication Errors Online continuing education course from Corexcel. Course is open access, but a fee is required to obtain continuing education credit.


Proxemics A brief overview by Dabid B. Givens, Center for Nonverbal Studies.

Recalls and Safety Alerts in the Past 60 Days Includes food and drug notices, from the U.S. Food and Drug Administration.

Report to the President on Medical Errors Available full text online in multiple formats, from the Quality Intraagency Coordination (QuIC) Task Force site.

RxSchool Online continuing education resources. Several courses are free of charge, but all require registration (which is free).

Safemedication.com An extensive site that permits searching by brand or generic name; designed for consumer use, from the American Society of Health-System Pharmacists-ASHP.

Taking Time: Support for People With Cancer and the People Who Care About Them Available online from the National Cancer Institute.

Technicians site from the American Society of Health-System Pharmacists. Extensive site covering aspects of practice and continuing education.

To Err Is Human: Building a Safer Health System Linda T. Kohn, Janet M. Corrigan, and Molla S. Donaldson, Editors; Committee on Quality of Health Care in America, Institute of Medicine; 312 pages, 2000; searchable full text available online from the National Academies Press.
Hablamos Juntos “Improving Patient-Provider Communication for Latinos.”

Agencies and Organizations

American Association of Pharmacy Technicians, Inc.-AAPT
American Medical Association
American Pharmacists Association-APhA
American Proficiency Institute
American Society of Health-System Pharmacists
Includes Pharmacyandyou.org consumer information site.

Includes Pharmacyandyou.org consumer information site.

American Purchasing Agency (APA)
American Society of Health-System Pharmacists
Includes sections on different types of practice (ambulatory, inpatient, etc.), open access Virtual Symposia on a variety of technician topics, and links to its consumer site Safemedication.com, an extensive site that permits searching by brand or generic name.

Council on Credentialing in Pharmacy
Institute for Health Care Communication
Institute for Safe Medication Practices "A nonprofit organization; educating the healthcare community about safe medication practices."

Massachusetts Coalition for the Prevention of Medical Errors Features several full text online best practice initiatives.

National Association of Boards of Pharmacy-NABP Public access site.
National Association for Home Care and Hospice
National Consumers League Includes information on Counterfeit Drugs, a Food and Drug Interactions brochure, over-the-counter medicines and prescription drugs.

National Coordinating Council for Medication Error Reporting and Prevention
National Council on Patient Information and Education Includes specific information for seniors.

National Institutes of Health (Spanish) Consumer Health Information Includes many materials available in English and Spanish.
National Patient Safety Foundation
National Pharmacy Technician Association Provides continuing education for pharmacy technicians.

Pharmacy Technician Certification Board-PTCB Career, examination, and statistical information. Includes links to State Boards and Regulations.