

## DICTIONARIES

*Dictionaries listed include clinical medicine, dentistry, biomedical engineering, public health, hospital administration, health care administration, abbreviations, acronyms, and nomenclatures.*

### **Biomedicine**

Becker, E. Lovell, et al., eds. INTERNATIONAL DICTIONARY OF MEDICINE AND BIOLOGY. New York: Wiley; 1986.

Campbell, Robert Jean. PSYCHIATRIC DICTIONARY. 6th ed. New York: Oxford University Press; 1989.

DORLAND'S ILLUSTRATED MEDICAL DICTIONARY. 27th ed. Philadelphia: Saunders; 1988.

Duncan, A.S., et al., eds. DICTIONARY OF MEDICAL ETHICS. London: Darton, Longman and Todd; 1981.

Dupayrat, Jacques. DICTIONARY OF BIOMEDICAL ACRONYMS AND ABBREVIATIONS. 2nd ed. New York: Wiley; 1990.

EIGHT-LANGUAGE DICTIONARY OF MEDICAL TECHNOLOGY. Zagreb (Yugoslavia): Tehnicka Knija; 1986.

Graf, Rudolf F.; Whalen, George J. RESTON ENCYCLOPEDIA OF BIOMEDICAL ENGINEERING TERMS. Reston (VA): Reston Publishing Company, Inc.; 1977.

Harris, Diana K. DICTIONARY OF GERONTOLOGY. New York: Greenwood Press; 1988.

Hollis, Joseph W. DICTIONARY OF ABBREVIATIONS AND ACRONYMS IN HELPING PROFESSIONS. Muncie (IN): Accelerated Development Inc.; 1987.

Kaplan, Harold I.; Sadock, Benjamin J. COMPREHENSIVE GLOSSARY OF PSYCHIATRY AND PSYCHOLOGY. Baltimore (MD): Williams & Wilkins; 1991.

Jablonski, Stanley. ILLUSTRATED DICTIONARY OF DENTISTRY. Philadelphia: Saunders; 1982.

Magalini, Sergio I., et al. DICTIONARY OF MEDICAL SYNDROMES. 3rd ed. Philadelphia: Lippincott; 1990.

Miller, Benjamin F.; Keane, Claire B. ENCYCLOPEDIA AND DICTIONARY OF MEDICINE, NURSING AND ALLIED HEALTH. 5th ed. Philadelphia: Saunders; 1992.

THE OXFORD DICTIONARY FOR SCIENTIFIC WRITERS AND EDITORS. New York: Oxford University Press; 1991.

STEDMAN'S MEDICAL DICTIONARY. 25th ed. Baltimore (MD): Williams & Wilkins; 1990.

Sutherland, N.S. MACMILLAN DICTIONARY OF PSYCHOLOGY. London: Macmillan; 1991.

Taber, Clarence Wilbur. CYCLOPEDIA MEDICAL DICTIONARY. 16th ed. Philadelphia: Davis; 1989.

Walker, John M.; Cox, Michael. THE LANGUAGE OF BIOTECHNOLOGY: A DICTIONARY OF TERMS. Washington: American Chemical Society; 1988.

## **Health Services Research**

Deblock, Nic J.I. ELSEVIER'S DICTIONARY OF PUBLIC HEALTH: IN SIX LANGUAGES, ENGLISH, FRENCH, SPANISH, ITALIAN, DUTCH, AND GERMAN. New York: Elsevier Scientific Publishing Company; 1976.

A DISCURSIVE DICTIONARY OF HEALTH CARE. Washington: U.S. Government Printing Office; 1976.

DRG'S: DIAGNOSIS RELATED GROUPS DEFINITIONS MANUAL. 4th revision. [place unknown]: Health Systems International; 1987.

Goldstein, Arnold S. ASPEN DICTIONARY OF HEALTH CARE ADMINISTRATION. Rockville (MD): Aspen Publishers; 1989.

HOSPITAL ADMINISTRATION TERMINOLOGY. 2nd ed. Chicago: American Hospital Association; 1986.

Hyde, Lee. MCGRAW-HILL ESSENTIAL DICTIONARY OF HEALTH CARE: A PRACTICAL REFERENCE FOR HEALTH MANAGERS. New York: McGraw-Hill; 1988.

Last, John M., ed. A DICTIONARY OF EPIDEMIOLOGY. 2nd ed. New York: Oxford University Press; 1988.

Marriott, F.H.C. A DICTIONARY OF STATISTICAL TERMS; PREPARED FOR THE INTERNATIONAL STATISTICAL INSTITUTE. 5th ed. New York: Wiley; 1990.

Porkess, Roger. THE HARPERCOLLINS DICTIONARY OF STATISTICS. New York: HarperCollins; 1991.

Rhea, Joseph C., et al. FACTS ON FILE DICTIONARY OF HEALTH CARE MANAGEMENT. New York: Facts on File Publications; 1988.

## DIRECTORIES

*Directories listed include subject areas of general information, biomedicine, health services information, and health legislation and regulation.*

### General

*Directories of general sources include catalogs of grants, associations, research centers, meetings, and periodicals.*

ANNUAL REGISTER OF GRANT SUPPORT. Los Angeles: Academic Media, Inc.; 1969- .

CONSULTANTS AND CONSULTING ORGANIZATIONS DIRECTORY. Detroit (MI): Gale Research Co.; 1973- . See the entry under *Consultants and Consulting Organizations Directory* in the *Databases* chapter for a description of the online service.

DIRECTORY OF U.S. GOVERNMENT DATAFILES FOR MAINFRAMES AND MICROCOMPUTERS. Springfield (VA): National Technical Information Service; 1991- .

ENCYCLOPEDIA OF ASSOCIATIONS. Detroit (MI): Gale Research Co.; 1961 - . See the entry under *Encyclopedia of Associations* in the *Databases* chapter for a description of the online service.

THE FOUNDATION DIRECTORY. New York: Russell Sage Foundation; 1960- . See the entry under *The Foundation Directory* in the *Databases* chapter for a description of the online service.

INTERNATIONAL RESEARCH CENTERS DIRECTORY. Detroit (MI): Gale Research Co.; 1981- . See the entry under *Research Centers and Services Directory* in the *Databases* chapter for a description of the online service.

NATIONAL FACULTY DIRECTORY. Detroit (MI): Gale Research Co.; 1970- .

RESEARCH CENTERS DIRECTORY. Detroit (MI): Gale Research Co.; 1965- . See the entry under *Research Centers and Services Directory* in the *Databases* chapter for a description of the online service.

RESEARCH SERVICES DIRECTORY. Detroit (MI): Gale Research Co.; 1981- . See the entry under *Research Centers and Services Directory* in the *Databases* chapter for a description of the online service.

ULRICH'S INTERNATIONAL PERIODICALS DIRECTORY. New York: Bowker; 1965-66- . See the entry under *Ulrich's International Periodicals Directory* in the *Databases* chapter for a description of the online service.

WORLD MEETINGS: MEDICINE. Chestnut Hill (MA): World Meetings Information Center; 1978- .

WORLD MEETINGS: SOCIAL AND BEHAVIORAL SCIENCES, HUMAN SERVICES AND MANAGEMENT. Chestnut Hill (MA): World Meetings Information Center; 1977- .

WORLD OF LEARNING. London: Europa; 1947- .

## Biomedicine

*Directories related to biomedicine include drug companies and their products, medical devices and equipment, and professional organizations.*

AAMC DIRECTORY OF AMERICAN MEDICAL EDUCATION. Washington: Association of American Medical Colleges; 1967-68- .

The main body of this directory is a list of medical schools in the United States and Canada. Each entry provides the address, a brief description of the institution, enrollment, clinical facilities, university officials, medical school administrative staff, and department, division, and section chairs in the basic and clinical sciences. Other sections include information about the AAMC and its affiliated organizations. Name index. Issued annually.

ABMS COMPENDIUM OF CERTIFIED MEDICAL SPECIALISTS. Evanston (IL): American Board of Medical Specialties; 1986-87- .

This is the "only official biographical directory authorized by all 23 medical specialty boards and the American Board of Medical Specialties (ABMS)." It contains information about the organization of each board, its certification processes, and its location. Arrangement is by specialty, and each section consists of board information, biographical information of diplomates, and geographic name index. Each entry gives personal, educational, and professional information. Issued biannually.

AIDS/HIV RECORD. DIRECTORY OF KEY AIDS PROGRAM OFFICIALS IN FEDERAL, STATE, COUNTY, AND CITY GOVERNMENTS. 2nd ed. Washington: Bio-Data Publishers; 1988- .

This directory lists names, addresses and telephone numbers of officials in the Federal government, independent agencies, Federal regions, state, county, and city governments, and international programs. Arrangement is by department under the Federal Government listing; by agency name under the independent agencies; by region under the U.S. Government Federal Regions; and by state under State, County, and City Governments.

ALLIED HEALTH EDUCATION DIRECTORY. Chicago: Committee on Allied Health Education and Accreditation; 1978- .

Formerly titled the *Allied Medical Education Directory*, this is an authoritative reference source for education in various health

occupations. Intended for educators, administrators, students, and guidance counselors. Entries are arranged geographically under each occupation; also includes a consolidated listing arranged geographically. Each entry gives such information as institution, telephone number, prerequisites, length of program, tuition, and degree or certificate awarded. Much introductory information. Issued annually.

AMERICAN MEDICAL DIRECTORY. Chicago: American Medical Association Press; 1906- .

"Directory of physicians in the United States, Puerto Rico, Virgin Islands, certain Pacific Islands, and U.S. physicians temporarily located in foreign countries." Arrangement is alphabetical by city within each state. Each entry provides local address, medical school of graduation, year of license, primary and secondary self-designated practice specialty, type of practice, American Specialty Board certification, and Physician's Recognition Award. Name index. Issued biannually.

AMERICAN MEN AND WOMEN OF SCIENCE. New York: Bowker; 1971- .

The 17th edition, dated 1989-90, contains biographies of 3,831 American and Canadian men and women in all fields of natural sciences, as well as in physical and biological sciences, public health sciences, engineering, mathematics, statistics, and computer science. "Entrants are meant to be limited to those who have made significant contributions in their field." Entries give birth date, field of study, education, professional experience, honors and awards, memberships, and mailing address.

BIOTECHNOLOGY DIRECTORY. New York: Nature Press; 1985- .

"This directory covers biotechnology in western Europe, North America, Brazil, Australasia and Japan. It provides both an overview of the extent of the present interest in this subject and a catalogue whereby suppliers of materials and services as well as major research activities can be identified." Coverage includes international organizations and information services, national profiles, and noncommercial organizations and companies. A typical entry lists address, telephone and telex numbers, and, in some cases, brief annotations. The latest volume is 1990.

CATALOG OF FEDERAL DOMESTIC ASSISTANCE. Washington: U.S. Government Printing Office; 1965- .

A catalog of assistance programs, both financial and non-financial, administered by Federal agencies in areas such as AIDS, child care, delinquency prevention, drug abuse prevention, drug treatment, education, health care training, and occupational health. Arrangement is by agency within government department. Entries give type of assistance, eligibility requirements, application information, financial information, and information contacts. Includes indexes. The 24th edition is dated 1990.

Day, Melvin S. FEDERAL HEALTH INFORMATION RESOURCES. Arlington (VA): Information Resources Press; 1987.

A list of Federal government information resources, arranged by subject. Each entry gives location information, a description of services, and a list of databases and publications produced, if applicable. An appendix provides further information about the databases described in the book. Includes indexes by agency/organization, subject, and title.

Dibner, Mark D. BIOTECHNOLOGY GUIDE U.S.A.: COMPANIES, DATA, AND ANALYSIS. 2nd ed. New York: Stockton Press; 1991.

Directory of over 800 companies "working with the new biotechnologies of genetic engineering (recombinant DNA technology), hybridoma technology (monoclonal antibodies), protein engineering, liposome technology, and cell culture of purposefully produced cells." Entries give budget, field of interest, technologies used, and products, as well as address, telephone, and contact information. Additional indexes by state, areas of interest, and partnerships.

DIRECTORY OF BIOMEDICAL AND HEALTH CARE GRANTS. Phoenix (AZ): Oryx Press; 1985- .

Alphabetical listing by names of grant programs. Entries give such information as amount of grant, subjects, restrictions, and requirements. Subject and sponsoring organizations indexes. The fifth edition is dated 1991. Annual. See the entry under *Grants* in the *Databases* chapter for a description of the online service.

DIRECTORY OF FEDERAL HEALTH/MEDICINE GRANTS AND CONTRACTS PROGRAMS. Bethesda (MD): National Health Directory; 1979- .

Grant and contract programs of Federal agencies (11 agencies in 1979). Classified arrangement under agencies. Each entry gives detailed description. Subject index. Annual.



DIRECTORY OF GRADUATE MEDICAL EDUCATION PROGRAMS. Chicago: American Medical Association; 1987- .

Lists graduate residency programs offered in the United States accredited by the Accreditation Council for Graduate Medical Education. Continues *Directory of Residency Training Programs*. Reflects addition of subspecialties in internal medicine, pathology, pediatrics, and surgery. Also includes information on the National Resident Matching Program, requirements of examining boards for medical licensure in various states, a geographical listing of institutions participating in training, and information pertinent to graduates of foreign medical schools. Residency information is arranged by specialties. Issued annually.

DIRECTORY OF INTERNATIONAL GRANTS AND FELLOWSHIPS IN THE HEALTH SCIENCES. Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health; 1989.

Directory listing over 180 organizations and agencies that support fellowships and research grants as of August 1988. Arranged alphabetically within two sections for fellowships and grants. Entries give information on purpose, eligibility, duration, and deadlines. Includes subject and geographical indexes.

DIRECTORY OF NURSE RESEARCHERS. Indianapolis (IN): Sigma Theta Tau, National Honor Society of Nursing; 1983- .

Alphabetical listing of nurses active in research. Entries give information regarding professional, educational, and research activities. Also lists researchers by subject, geographical location, language, and animal model used. Index of research subjects. Latest edition is third, 1990.

DIRECTORY OF ONLINE HEALTHCARE DATABASES. Los Altos (CA): Medical Data Exchange; 1985- .

Tabular descriptions of health databases. Alphabetical arrangement by names of databases. Entries give producer, vendor, cost, size of file, update, and coverage. Glossary. Also has listing of producers and vendors. Includes database title, subject indexes. Updated annually.

ENCYCLOPEDIA OF MEDICAL ORGANIZATIONS AND AGENCIES. 4th ed. Detroit (MI): Gale Research Co.; 1992.

Intended to provide a comprehensive source of subject-classified information on health-related organizations and agencies. Entries are

listed under 69 subject areas, alphabetically arranged. Source was the *Encyclopedia of Associations* (see above). Each subject area contains national and international associations, state and regional associations, foundations and funding organizations, education and training programs, state and Federal government agencies, information and database services, and research centers and institutes. Entries give identifying and descriptive information. Master name index and keyword index. See the entry under *Encyclopedia of Associations* in the *Databases* chapter for a description of the online service.

Food and Drug Administration. FDA NARCOTIC TREATMENT PROGRAMS DIRECTORY. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Food and Drug Administration; 1990.

Sections on ambulatory narcotic addiction treatment, maintenance, and detoxification and hospitals for inpatient detoxification only. Arrangement is alphabetical by state. Each entry gives name of institution, address, and telephone number.

GUIDE TO THE NATION'S HOSPICES. Arlington (VA): National Hospice Organization; 1984- .

This source provides a comprehensive listing of hospice programs available across the United States. The arrangement is geographical by state. The typical entry contains descriptive information, state, area served, and indication of membership in the National Hospice Organization. Three indexes provide access by hospice leadership, hospice name, and hospice contact. Issued annually since 1989.

HEALTH DEVICES SOURCEBOOK. Plymouth Meeting (PA): Emergency Care Research Institute (ECRI); 1979-80- .

"Most complete directory of devices specifically related to the delivery of health care." Entries in the product section give address and telephone number. Contains listings of trade names and manufacturers. Issued annually. See the entry under *Health Devices Sourcebook* in the *Databases* chapter for a description of the online service.

HEALTH SERVICES ADMINISTRATION EDUCATION. Arlington (VA): Association of University Programs in Health Administration; 1979- .

This directory presents descriptive information on "Canadian and U.S. baccalaureate, master's, doctoral and non-traditional programs, and continuing education offered by university programs in health services

administration." Each listing includes some or all of the following information: program title, program information, curriculum description, admission procedures and requirements, opportunities for financing education, opportunities after graduation, faculty information, student information, estimated first year class expenses, and application and acceptance information. In addition, some entries for the non-traditional programs list information on target population and credit for experiential and/or prior learning.

HEALTHCARE EQUIPMENT INTERNATIONAL: MARKET TRENDS, COMPANIES, STATISTICS. Burnt Mill (Harlow, Essex, England): Longman; 1989.

"Provides ready access to companies, market trends and statistics relating to the provision, supply and demand of healthcare equipment throughout the world." Arrangement is by region of the world. For each country in a region, a brief essay including demographic and healthcare statistics is provided. These are followed by a directory of companies. Company information includes address, personnel, activities and products, trade names, financial information, and publications. Includes indexes.

Huber, Jeffrey T., ed. HOW TO FIND INFORMATION ABOUT AIDS. 2nd ed. New York: Haworth Press; 1992.

Includes listings for organizational resources, health departments, research institutions, grant funding sources, Federal agencies, education and training centers, hotlines, electronic sources of information, print sources of information, and audiovisual producers/distributors. General and geographic indexes.

INTERNATIONAL WHO'S WHO IN MEDICINE. Cambridge (England): International Biography Centre; 1987- .

"Biographies...from as many different countries and fields of medicine as possible in order to reflect the work being done by as wide a variety of individuals as possible." Entries are from the fields of general practice, surgery, consulting, administration, teaching, nursing, dentistry, pharmacology, public health, rehabilitation, mental health, and research. Entries give birth and family information, education, appointments, honors, hobbies, publications, and address.

Klenk, Kathleen, ed. OUTPATIENT HEALTH CARE - MEDICAL SPECIALTY CLINICS. Arlington (MA): Techne Research; 1986.

Contains listings of service providers, individual medical specialty clinics, state licensing and regulations, Federal government agencies,

Congressional committees, associations and organizations, and reference and information resources. The outpatient services cover cardiac rehabilitation, diabetes, diagnosis, eating disorders, occupational/industrial medicine, pain management, psychiatry, rehabilitation, and substance abuse. The clinics are primarily freestanding. Entries give addresses, telephone numbers, and appropriate descriptive information. No index.

Kurian, George Thomas. GLOBAL GUIDE TO MEDICAL INFORMATION. New York: Elsevier; 1988.

"Sourcebook on resources, programs, and institutions dealing with medical research and practice throughout the world." Contains national, regional, and international organizations, as well as the medical media and communications industry. Sections include international and regional organizations, research institutes, national associations by subjects, medical publishers, online databases, indexes, bibliographies, and statistics, symposia and conference series, and periodicals. General index.

LEARNING RESOURCES DIRECTORY FOR HEALTHCARE EXECUTIVES. Chicago: Foundation of the American College of Hospital Administrators; 1984- .

Learning resources (books, articles, and audiovisual materials) intended for health care administrators. Topical arrangement of entries, which give bibliographical information, abstract, form, audience, and evaluation. Appendixes and indexes.

LIBRARIES, INFORMATION CENTERS, AND DATABASES IN BIOMEDICAL SCIENCES: A WORLD GUIDE. Munich; New York: Saur; 1991.

"Compiles a total of more than 7,500 entries, including approximately 7,000 libraries and information centers, 300 databases, 240 online services and database producers." Arrangement of libraries and information centers is alphabetical by country. Each listing contains name of library or information center, address, telephone number, contact persons for inquiries, important holdings and special collections, and statistics on holdings. The section on databases includes name of database, producer, subjects covered, and availability. Listings for database producers and online services provide directory information. Subject index.

Linam, Shawn L.; Jarvis, M. Todd. BIOTECHNOLOGY SOURCEBOOK. Madison (GA): SEAI Technical Publications; 1989.

Listing of 280 U.S. companies involved in the field of biotechnology.

Arrangement is alphabetical by company. Each entry gives address; telephone number; ownership, subsidiary, or affiliation information; date founded; annual sales; names of key personnel contacts; and description of biotechnology programs. Classified index by category of activity.

Linde, Shirley; Carrow, Donald J. *DIRECTORY OF HOLISTIC MEDICINE AND ALTERNATE HEALTH CARE SERVICES IN THE U.S.* Phoenix (AZ): Health Plus Publishers; 1985.

A listing by state of over 1,000 individuals involved with "preventive medicine, holistic health, and alternative health care services." Entries give address as well as services offered and professional qualifications, where available. Lists of associations, foundations, publications, and schools in the above mentioned fields are also provided.

*MEDICAL AND HEALTH CARE BOOKS AND SERIALS IN PRINT.* New York: Bowker; 1985- .

This annual catalog is a comprehensive and authoritative source of information on new titles. The currently available books in medicine, dentistry, nursing, and veterinary medicine are classified in over 5,800 subject categories. See the entry under *Books in Print* in the *Databases* chapter for a description of the online service.

*MEDICAL AND HEALTHCARE MARKETPLACE GUIDE.* Miami (FL): International Bio-medical Information Service; 1975- .

Stock market guide to the medical and health care industry in the United States. All companies included are profit-making enterprises. Excludes overseas operations of United States-based companies. Companies listed are included because they are considered to have significant market value (fee not involved). Alphabetical arrangement by company names. Each entry gives address, telephone number, description of products and services, estimated sales, and officers. Organization, classified, geographical, management, international, and marketplace sections. The sixth edition is dated 1990.

*MEDICAL DEVICE REGISTER.* Greenwich (CT): DSI; 1981- .

Up-to-date directory on medical device market and products. Information is obtained from the Food and Drug Administration and from medical device suppliers. Includes keyword index, device information, directory of products (major section), trade name index, supplier profiles, and directory of local dealers (also includes Canadian

dealers). Issued annually.

MEDICAL LABORATORY DIRECTORY. Miami (FL): U.S. Directory Service; 1986.

A listing, by state, of laboratories in the United States, Puerto Rico, and Guam. Entries give location and services provided.

MEDICAL RESEARCH CENTRES: A WORLD DIRECTORY OF ORGANIZATIONS AND PROGRAMMES. 8th ed. Burnt Mill (Harlow, Essex, England): Longman Group UK Limited; 1988.

This is a comprehensive reference source providing profiles of industrial centres, official laboratories, and major university or technical college laboratories which carry out or fund biomedical research. This title is arranged alphabetically by country. The organizations are listed in alphabetical order by original language within each country. Information can be accessed by country, establishment, or subject indexes.

MEDICAL SCIENCES INTERNATIONAL WHO'S WHO. Essex (England): Longman Group UK Limited; 1987- .

This title, a companion to *Medical Research Centres: A World Directory of Organizations and Programmes* (see above), contains biographical details of approximately 8,000 senior medical and biomedical scientists from over 90 countries. A two-volume work, part one contains the biographical profiles; part two is a listing, by country, of scientists' names listed under specialty. Now in its fourth edition, this title serves as a useful source of information on the international medical sciences arena.

NATIONAL DIRECTORY OF HEALTH/MEDICINE ORGANIZATIONS. Bethesda (MD): Science and Health Publications; 1980/81- .

National health and medical organizations in the United States. Each entry gives description of work performed, certain officers, membership, annual meetings, state affiliations, and press/media contact. Alphabetical arrangement by organizations. Categorical indexes by types of organizations.

NATIONAL GUIDE TO FUNDING IN HEALTH. 2nd ed. New York: The Foundation Center; 1990.

Geographical listing of 2,710 non-profit, non-governmental organizations that make funds available for health purposes. Includes national, regional, and local foundations. Entries give such information

as financial data, types of support, and application information. Geographical, subject, foundation indexes. See the entry under *The Foundation Directory* in the *Databases* chapter for a description of the online service.

NATIONAL HOME CARE AND HOSPICE DIRECTORY. 2nd ed. Washington: National Association for Home Care; 1990.

"This directory of the nation's home care providers, hospices, and state associations representing home care interests was compiled as a resource guide for the industry. It is intended to serve home care providers," as well as to be an information source, networking tool, and reference guide. Geographical listing by states. Entries give organization name, address, and telephone number. Contains lists of names of boards of directors and state associations. Index of agency directors.

NATIONAL REGISTRY OF CERTIFIED NURSES IN ADVANCED PRACTICE. Kansas City (MO): American Nurses' Association; 1987.

Directory of nurse specialists and nurse practitioners, certified by appropriate organizations. Arrangement is according to type of certification held, e.g., family nurse practitioners, nurse anesthetists, and school nurse practitioners. Geographical arrangement. Entries give name, address, telephone number, education, practice and setting, position, and employment. Appendixes give credential designations, certifying organizations, and state and territorial boards of nursing. Index of registrants.

NIH ALMANAC. Bethesda (MD): U.S. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health; 1978- .

"Designed as a ready reference source on NIH's 13 research Institutes and 2 Divisions, the National Library of Medicine, the Clinical Center--a combined research hospital and laboratory complex, the National Center of Nursing Research, the National Center for Research Resources, and the John E. Fogarty International Center for Advanced Study in the Health Sciences." Information such as mission, important historical events, biographical sketch of current director, special programs, and appropriations is included for each institute. Additional sections present overall historical data, obligations from appropriations, information on staff and facilities, and named lectures and Nobel laureates associated with NIH.

PSYCHIATRIC HOSPITAL DIRECTORY: A GUIDE TO THE SERVICES AND PROGRAMS OF MEMBER HOSPITALS. Washington: National Association of

## Private Psychiatric Hospitals; 1987- .

Geographical listing of 248 private psychiatric hospitals belonging to the National Association of Private Psychiatric Hospitals and accredited by the Joint Commission on the Accreditation of Healthcare Organizations. Entries give such information as number of beds, treatment programs, and daily rates. Alphabetical listing of hospitals. Index of treatment programs and services. Issued biannually.

## Sittig, Marshall; Kowalski, Janne S. DRUG COMPANIES AND PRODUCTS: WORLD GUIDE. Kingston (NJ): Sittig and Noyes; 1988.

Listing of "the more significant pharmaceutical companies of the world and many of their important products." Alphabetical arrangement by companies. Entries give address of company, telephone number, generic name of drugs produced, trade name, function(s), and year of introduction.

## Zeitak, G.; Berman, F. DIRECTORY OF INTERNATIONAL AND NATIONAL MEDICAL AND RELATED SOCIETIES. 2nd ed. Rehovot (Israel): PBZ Informatics; 1990.

"Voluntary and professional societies dealing... with the physical and mental health of humans and animals (veterinary societies are included)." Information is derived from questionnaires sent worldwide to societies. Arranged alphabetically by country. Each entry gives reference number, name in English and/or original language, contact person, address, telephone and telex numbers, subject code, number of members, meetings, and publications. Miscellaneous indexes.



## Health Services Research

*Directories related to health services research include hospitals, organizations performing health services research, and health care standards.*

AMCRA's 1991 MANAGED HEALTH CARE DIRECTORY. Washington: American Managed Care and Review Association; 1991- .

This is the only book which represents the entire managed health care industry, including foundations of medical care (FMC); health maintenance organizations (HMO); independent practices/physicians associations (IPA); preferred provider organizations (PPO); and utilization review organizations (URO). Data collection is done by questionnaire. Arrangement is by class of organization.

AMERICAN HOSPITAL ASSOCIATION GUIDE TO THE HEALTH CARE FIELD. Chicago: American Hospital Association; 1974- .

This annual publication is a basic reference source on hospitals in the United States. The first section includes information on the American Hospital Association, hospitals in the United States listed by state, hospitals in areas associated with the United States, U.S. government hospitals outside the United States, and an alphabetical listing of all U.S. hospitals. *Section B* is composed of five listings by health care systems. *Section C* contains a map index, state maps, and metropolitan area maps; and *Section D* lists health organizations, agencies, providers' alliances, and networks. The final section contains an index and a listing of abbreviations used in the *Guide*. Hospital entries in *Section A* give descriptive information, number of beds, and number of births. The purpose of this publication is "to provide basic data reflecting the delivery of health care in the United States and associated territories." The information is supplied voluntarily by the responding institutions.

Ashouri, O. Sam. PHYSICIAN'S GUIDE TO PRACTICE LOCATION BY STATE. Jacksonville (FL): Doctors Publishing; 1987- .

For each state, Ashouri lists population characteristics, physician characteristics, primary care manpower shortage areas, licensure information, Medicare prevailing charges, health maintenance organizations, and physician related activities.

CASE MANAGEMENT RESOURCE GUIDE: A DIRECTORY OF HOMECARE, REHABILITATION, MENTAL HEALTH AND LONG TERM CARE SERVICES. 1990 ed. Irvine (CA): Center for Consumer Healthcare Information; 1989- .

This is a directory covering a wide variety of homecare, rehabilitation, addiction, psychiatric, and special programs. Entries give address, parent organization and affiliation, credentials, staffing, programs and services, structure of company, and payment information. Arrangement is geographical within each type of service. A separate section lists manufacturers of homecare and assistive technology products.

COMPENDIUM OF PATIENT SAFETY AND RISK MANAGEMENT PROGRAMS: A GUIDE TO RESOURCES AND FACILITIES. Chicago: American Medical Association; 1988.

This directory was prepared by the Patient Safety/Risk Management Subcommittee of the AMA/Specialty Society Medical Liability Project in conjunction with the Loss Prevention Section of the Physician Insurers Association of America. It contains sections describing the guidelines, credentialing programs, policy statements, practitioner education programs, research activities, and publications of the American Medical Association, the Council of Medical Specialty Societies, various national medical specialty organizations, and state medical associations.

DIRECTORY OF BIOMEDICAL ETHICS ORGANIZATIONS. Chicago: Hospital Ethics; 1989.

Biomedical organizations, arranged according to their status as national/regional centers, regional networks, academic centers, institution-based centers, foreign organizations, professional ethics organizations, and citizen community organizations. Entries give information about mission or goals, personnel, financial support, membership, and current projects and programs.

DIRECTORY OF FACILITIES OBLIGATED TO PROVIDE UNCOMPENSATED SERVICES BY STATE AND CITY AS OF JANUARY 1... Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Maintenance Organizations and Resources Development; 1984- .

The 1946 Hospital Survey and Construction Act sponsored by Senators Lister Hill and Harold Burton disbursed more than \$4 billion through grants, loans, and guaranteed loans to build and modernize needed hospitals and health care facilities. In return for Federal funds, these facilities agreed to provide a reasonable volume of services to persons unable to pay. The volume of services they are obliged to provide varies with the type of assistance received and ranges from provision of uncompensated services over a period of 20 years from the time the

construction was completed to a term that lasts throughout their existence. This directory contains a geographical listing of these facilities. Each entry lists city, county, facility identification number, name of facility, type of facility, type of control, and expiration date of obligation. Issued annually.

**DIRECTORY OF HEALTH CARE MARKETING, PLANNING, AND PUBLIC RELATIONS CONSULTANTS.** Chicago: American Society for Health Care Marketing and Public Relations and Society for Healthcare Planning and Marketing of the American Hospital Association; 1990- .

This directory "is published to assist health care organizations in identifying consultants in the field. It identifies consultants interested in serving the marketing, planning, and public relations needs of hospitals and other health care service providers." The contents of the directory can be accessed three ways: by alphabetical index, geographical index, or expertise index. In the expertise index, firms may be listed under marketing, strategic planning/management, public relations/communications, or miscellaneous.

**DIRECTORY OF HEALTH SERVICES RESEARCH ORGANIZATIONS.** 3rd ed. Washington: Foundation for Health Services Research; 1988.

A directory of 85 health services and policy research organizations in the United States. Arrangement is geographical by state, with an additional section for Veterans Administration programs. Entries include primary areas of emphasis and expertise, publications, funding, staff, training capabilities, and current research and policy analysis projects.

**DIRECTORY OF MULTIHOSPITAL SYSTEMS, MULTISTATE ALLIANCES, AND NETWORKS.** Chicago: American Hospital Association; 1985- .

Listed in the seventh edition (1987) are 268 multihospital systems and their individual hospitals, tables of statistical data on multihospital systems, and 13 multistate alliances and networks and their members. The contents are divided into four sections: multihospital systems and their hospitals; hospitals in multihospital systems (by state); statistics for multihospital systems and their hospitals; and multistate alliances and networks and their members. An appendix lists multihospital systems by identification number.

**DIRECTORY OF U.S. HOSPITALS.** Baltimore (MD): Health Care Investment Analysts, Inc.; 1991- .

Listing of over 6,000 community, children's, psychiatric, and

rehabilitation hospitals in the United States. Each entry provides descriptive and financial information such as number of beds, occupancy rate, number of discharges, case mix index, and revenues, as well as the top five diagnosis-related groups ranked on the basis of the number of Medicare discharges.

DUN'S HEALTHCARE REFERENCE BOOK. Parsippany (NJ): Dun's Marketing Services; 1991- .

Composed of sections on healthcare suppliers and healthcare providers. Arrangement is alphabetical with geographic indexes. An index by industry classification is also provided for suppliers. For suppliers, entries list name of company, parent company, description of business, brand names, and names of officers. For providers, entries list facility name, name of parent company, address, telephone number, number of employees, and special services. Annual.

EPIDEMIOLOGY RESEARCH PROJECTS DIRECTORY. Springfield (VA): National Technical Information Service; 1982.

Information on current research projects in epidemiology and related fields from the Smithsonian Science Information Exchange. Emphasis on projects dealing with causal factor and consequent human disease or problem. Entries contain project number, volume number, project title, investigator and affiliation, description of project, supporting organization, and project funding. Miscellaneous indexes.

EPISOURCE: A GUIDE TO RESOURCES IN EPIDEMIOLOGY. Roswell (GA): Epidemiology Monitor; 1991.

A compilation of "products and services of interest to epidemiologists in 30 different categories." Arrangement is alphabetical by category. Categories include: advisory groups, agencies, associations, databases, funding sources, health departments, research centers, and software.

Goodman, Clifford, ed. MEDICAL TECHNOLOGY ASSESSMENT DIRECTORY: A PILOT REFERENCE TO ORGANIZATIONS, ASSESSMENTS, AND INFORMATION RESOURCES. Washington: National Academy Press; 1988.

"Intended as an introductory work that organizes recent and current assessment information from a broad though not comprehensive selection of assessment programs and related activities, this title includes mainstream information sources, as well as pertinent gray ('fugitive') literature."

GOVERNMENT RESEARCH DIRECTORY. Detroit (MI): Gale Research Co.; 1985- .

This directory contains information on over 3700 research programs and facilities operated by or for the United States government. It is organized into chapters by federal offices or departments. There is a master index which lists the research units by name along with subject and geographic indexes. The entries for each research unit provides the address; an organization note; and a list of research activities, special resources, publications, and services. See the entry under *Research Centers and Services Directory* in the *Databases* chapter for a description of the online service.

A GUIDE TO HEALTH SERVICES OF THE WORLD. London: International Hospital Federation; 1990.

This is the first edition of a directory of information on health services of 60 countries. Each entry provides general statistics on population, gross national product, percentage of GNP spent on health care per annum, life expectancy for males and females, and infant mortality. In addition, statistics are provided on the numbers of general hospitals and specialized health facilities and the numbers of beds in each type of facility. Each entry concludes with a description of the main characteristics of the national health service, including its administration, financing, access, and quality assurance, and names and addresses of key health care organizations.

Health and Welfare Canada. REFERENCE GUIDE OF FUNDING SOURCES FOR HEALTH RESEARCH IN CANADA. Ottawa (Ontario, Canada): Health and Welfare Canada, Health Services and Promotion Branch, Extramural Research Programs Directorate; 1989.

Contains "information on the majority of agencies (federal, provincial, non-governmental and foreign) that provide funding for health research in Canada." Each entry gives name of organization, address, areas of interest, categories of programs supported, expenditures, eligibility criteria, geographic restrictions, and application information.

HOSPITAL STATISTICS. Chicago: American Hospital Association; 1971- .

Subtitled "A comprehensive summary of U.S. Hospitals," this annual publication contains data from the American Hospital Association annual survey. It includes tables on utilization, personnel, and finances of hospitals in the United States and associated areas. Tables are divided into fourteen broad categories and include breakdowns such as "Utilization, Personnel, and Finances in Short-Term Hospitals," "Utilization, Personnel per Census, and Finances per Inpatient Day," "Utilization, Personnel, and Finances in Community Hospitals, by

Metropolitan Statistical Area," and "Revenue in Community Hospitals." An introductory essay on "trends among U.S. registered hospitals" in the 1990 edition provides a good statistical overview of the past decade. The 1989 edition of the Annual Survey of Hospitals is included at the back of the 1990 edition. Includes index.

**INSURANCE DIRECTORY: NATIONWIDE HEALTH INSURANCE BILLING DIRECTORY.** Salt Lake City (UT): Med-Index Publications; 1991- .

Lists over 4500 third-party payers and self-administered insurance corporations. Arrangement is alphabetical by name of company. Each entry includes name of company, address, telephone numbers, and type of insurance provided. Index to companies by state.

Kralovec, Peter D.; Andes, Steven M. **INVENTORY OF U.S. HEALTH CARE DATA BASES, 1976-1987.** Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Office of Data Analysis and Management; 1988.

"This inventory contains summary information about 305 current [1976-1987] non-bibliographic machine readable data bases, and it contains national-level health care data that have been created by public and private sector organizations throughout the United States, and is available to researchers outside the sponsoring organizations." Arranged alphabetically by data files. Each entry gives a description, time and geographic coverage, and contact person. MeSH index.

**MATERNAL AND CHILD HEALTH AND CRIPPLED CHILDREN SERVICES: INVENTORY OF DATA SOURCES.** Washington: U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Care Delivery and Assistance, Division of Maternal and Child Health; 1984.

Descriptions of 61 data sources containing utilization data, health status data, and resource data. Arranged alphabetically by organizations. Entries give descriptive information. Appendixes include acronyms and glossary.

**MEDICAL UTILIZATION REVIEW DIRECTORY.** New York: Faulkner & Gray; 1991- .

Subtitled "A comprehensive ranking and listing of providers and users of utilization review services." Section on medical review companies includes information on location of company, staff, clients, services reviewed, techniques, medical criteria and appeals, and licensing and

accreditation. Other sections include listings of users of utilization review, summaries of state laws governing utilization review, and industry guidelines/standards.

**MEMBERSHIP DIRECTORY. SOCIETY FOR HEALTHCARE PLANNING AND MARKETING OF THE AMERICAN HOSPITAL ASSOCIATION.** Chicago: American Hospital Association; 1988- .

Contains an alphabetical listing of names and addresses of members, membership by state or foreign country, and membership by city and organization. Issued annually.

MINORITY HEALTH RESOURCES DIRECTORY. Rockville (MD): Anrow Pub.; 1991.

A listing of 360 Federal Government agencies and programs, private organizations, and foundations serving minority constituencies. Emphasis is on national-level organizations. Each entry gives an overview of the organization's programs, minority specific activities, publications and communication networks, databases produced, and contact persons.



## Health Legislation and Regulation

*These publications are useful in identifying sources of legal information and government agencies and staff involved with health care legislation and regulations. Many of the publications can be found in public and university libraries.*

CONGRESSIONAL STAFF DIRECTORY. Washington: Congressional Staff Directory; 1959- .

Basic handbook on members of Congress and their staffs. Information on congressional district counties and cities; biographies of members and top staff; committees, subcommittees, and offices; name and keyword subject indexes. Revised semi-annually. See the entry under *Congressional Staff Directory* in the database section below for a description of the CD-ROM service.

CONGRESSIONAL YELLOW BOOK. Washington: Monitor Publishing Co.; 1976- .

Quarterly directory of members of Congress, including committees and aides, state delegations and district maps, leadership, and informal organizations of the Senate and House.

DIRECTORY OF STATE AND FEDERAL MEDICAID OFFICIALS. Prepared by Office of Intergovernmental Affairs, Medicaid Bureau, Health Care Financing Administration. Washington: U.S. Government Printing Office; 1990- .

A directory of state Medicaid officials, Health Care Financing Administration Medicaid Bureau staff, and Health Care Financing Administration regional offices. State listings include names, addresses, telephone and fax numbers of governor, single state agency director, and Medicaid director.

FEDERAL EXECUTIVE DIRECTORY. Washington: Science and Health Publications; 1977- .

Information on the Executive Branch and Congress, including Executive Office of the President, Cabinet, and administrative agencies. Names, titles, and telephone and telefacsimile numbers listed by agency, office, or department. Names listed with phone numbers, office functions, and sub-agencies. Includes congressional members, committees, and staff. Keyword index.

FEDERAL REGULATORY DIRECTORY. Washington: Congressional Quarterly,

Inc.; 1979-80- .

Detailed descriptions of more than 100 major regulatory agencies include agency history, organizational charts, and staff profiles and responsibilities. Name and subject indexes. Published every four years.

FEDERAL YELLOW BOOK: A DIRECTORY OF THE FEDERAL DEPARTMENTS AND AGENCIES. Washington: Monitor Publishing Co.; 1976- .

Annual telephone directory listing names and addresses for executive agencies.

MAJOR HEALTH LEGISLATION: A COMPENDIUM OF HEALTH LAWS PASSED SINCE 1974. Washington: McGraw-Hill; 1979- .

Loose leaf publication on enacted legislation and its significance.

NATIONAL HEALTH DIRECTORY. Rockville (MD): Aspen Publishers; 1977- .

Names, titles, addresses, and phone numbers of more than 11,000 key information sources on health programs and legislation, including congressmen and health legislative aides, major congressional health committees, and state, county, city, and Federal regional health officials. Name and agency indexes.

UNITED STATES GOVERNMENT MANUAL. Washington: Office of the Federal Register; 1973-74- .

Official Federal Government handbook; information on legislative, judicial, and executive branches, quasi-official agencies, and international organizations with U.S. involvement. Agency listing includes principal officials, purpose and role, history, programs and activities, and sources of information.

WASHINGTON INFORMATION DIRECTORY. Washington: Congressional Quarterly Inc.; 1975/76- .

Annual listing of departments and agencies of the Federal Government, congressional committees, and private nonprofit organizations. Arranged by subject, including health and science. List of public information offices and contact people. Name and subject indexes.

WASHINGTON [year]. Washington: Columbia Books, Inc.; 1966- .

Comprehensive directory of about 4,000 key institutions of the National

Capital area, including companies, government offices, representational bodies and other organizations. Identifies officers, directors, trustees. Sections on national government, medicine and health, science and policy research, national issues. Combined index of organizations and individuals. Annual since 1984.

Wasserman, Paul; McCann, Gary; Tobin, Patricia, eds. **ENCYCLOPEDIA OF LEGAL INFORMATION SOURCES**. Detroit (MI): Gale Research Co.; 1988.

Guide to current print and non-print resources, including periodicals, databases, organizations, and basic books of the legal profession; how to conduct legal research; and statutes, case reports, digests, encyclopedias, and dictionaries. Arranged alphabetically by subject, type of source, and publication title or organization name.

Wasserman, Steven; O'Brien, Jacqueline Wasserman, eds. **LAW AND LEGAL INFORMATION DIRECTORY**. 5th ed. Detroit (MI): Gale Research Co.; 1988.

Guide to sources of information about the legal field, particularly national, nonprofit, and membership organizations. Includes international organizations, Federal regulatory agencies, special libraries, research centers, legislative periodicals, legislative manuals and registers.

## MONOGRAPHS AND BIBLIOGRAPHIES

*The monographs and bibliographies listed include citations to aid health services researchers conduct their investigations as well as citations describing the field of health services research. The monographs and bibliographies are listed by the following categories: biomedicine; health services research; health planning and policy; health economics and business; health manpower and professional education; health facilities and services; health technology, equipment and drugs; research methods; statistical sources; guidelines; health information systems; and special issues.*

### Biomedicine

*Monographs and bibliographies related to biomedicine include basic clinical medicine publications.*

Andreoli, Thomas E., et al. CECIL ESSENTIALS OF MEDICINE. 2nd ed. Philadelphia: Saunders; 1990.

The aim of the authors is "to provide, in this companion to the encyclopedic *Cecil Textbook of Medicine*, a succinct and readable text that covers the indispensable elements of the principles and practice of the broad field of internal medicine." Aimed at undergraduate medical students and other health care providers, the book is arranged by organ system or disease classification.

Benenson, Abram S., ed. CONTROL OF COMMUNICABLE DISEASES IN MAN: AN OFFICIAL REPORT OF THE AMERICAN PUBLIC HEALTH ASSOCIATION. 15th ed. Washington: American Public Health Association; 1990.

Global presentation of communicable diseases. Intended as an informative text for health personnel as well as for public health administrators preparing regulations and legal requirements. Alphabetical arrangement by diseases. Standardized entries give synonyms, ICD-9 number, identification, infectious agent, occurrence, reservoir, transmission, incubation period, period of communicability, susceptibility and resistance, and methods of control. Contains list of definitions. Index.

Harrison, R.J. TEXTBOOK OF MEDICINE: WITH RELEVANT PHYSIOLOGY AND ANATOMY. 3rd ed. London: Hodder and Stoughton; 1984.

A British textbook of medicine aimed at nurses. The approach of most of the chapters is by organ system. In addition, coverage of "less conventional subjects" such as geriatrics, care of the dying, and ionizing radiation are included. Appendixes contain information on general patient care, units of measurement, diet, and body weight.

Shoemaker, William C., et al., eds. TEXTBOOK OF CRITICAL CARE. 2nd ed. Philadelphia: Saunders; 1989.

Produced under the auspices of the Society for Critical Care Medicine, this work includes sections on resuscitation; monitoring; critical care aspects of cardiovascular, pulmonary, infectious, hematologic, oncologic, central nervous, and visceral dysfunctions; pan-systemic illnesses; trauma; transplantation; nursing; and organization of critical care.

Weatherall, D.J., et al., eds. OXFORD TEXTBOOK OF MEDICINE. 2nd ed. New York: Oxford University Press; 1987.

Intended for "anyone who is studying or practicing clinical medicine," this is a comprehensive work on internal medicine. In addition to chapters on specific disease entities, it includes sections on basic sciences as they relate to clinical medicine, medical ethics, medicine in old age, and psychiatry in medicine.

### ***Bibliographies***

BIBLIOGRAPHIC GUIDE TO CONFERENCE PUBLICATIONS. Boston: G.K. Hall; 1975- .

List of proceedings, reports, and summaries of conferences, meetings and symposia, as well as collections or partial collections of papers presented at conferences.

BIBLIOGRAPHY OF WHO PUBLICATIONS. Geneva: World Health Organization; 1947-57- .

A subject list of published works of the World Health Organization, including technical, administrative, and general articles and publications.

Chitty, Mary Glen; Schatz, Natalie, compilers. FEDERAL INFORMATION SOURCES IN HEALTH AND MEDICINE: A SELECTED ANNOTATED BIBLIOGRAPHY. New York: Greenwood Press; 1988.

Annotates about 1200 government publications and 100

databases from some 90 Federal agencies, institutes, and information centers. Selected commercial sources are also included.

Haselbauer, Kathleen J., compiler. A RESEARCH GUIDE TO THE HEALTH SCIENCES: MEDICAL, NUTRITIONAL, AND ENVIRONMENTAL. New York: Greenwood Press; 1987.

Guide to printed sources, audiovisual sources, and online databases for general works, basic sciences supporting clinical medicine, social aspects of the health sciences, and medical specialties.

Morton, L.T.; Godbolt, S., eds. INFORMATION SOURCES IN THE MEDICAL SCIENCES. 3rd ed. London: Butterworths; 1984.

A guide to the literature of the medical sciences. Includes sections on indexes, abstracts, bibliographies, standard reference sources, and automated information retrieval, as well as sections on locating information on specific topics in the medical sciences.

National Institutes of Health. SCIENTIFIC DIRECTORY AND ANNUAL BIBLIOGRAPHY - NATIONAL INSTITUTES OF HEALTH. Bethesda (MD): National Institutes of Health, Division of Scientific Reports; Washington: U.S. Government Printing Office; 1969- .

Lists of papers published by the Institutes during the preceding year, as well as NIH organizational structure and professional staff.

Wasserman, Paul, ed. ENCYCLOPEDIA OF HEALTH INFORMATION SOURCES: A BIBLIOGRAPHIC GUIDE TO APPROXIMATELY 13,000 CITATIONS FOR PUBLICATIONS, ORGANIZATIONS, AND OTHER SOURCES OF INFORMATION ON MORE THAN 450 HEALTH-RELATED SUBJECTS. Detroit (MI): Gale Research Co.; 1987.

Subject entries list bibliographic information for abstract services and indexes, annuals, reviews and yearbooks, associations and professional societies, handbooks and manuals, online databases, periodicals, popular works and patient education, research centers, institutes, clearinghouses, and textbooks and general works.

## Health Services Research

*Monographs and bibliographies related to health services research cover health services research methodologies as well as major issues in the evaluation of health care.*

CLINICAL PRACTICE GUIDELINES: DIRECTIONS FOR A NEW PROGRAM. Washington: National Academy Press; 1990.

The Agency for Health Care Policy and Research (AHCPR), through its Forum for Quality and Effectiveness in Health Care, is charged with developing, disseminating, and evaluating practice guidelines. This book is the result of a request for advice on these responsibilities made by AHCPR to the Institute of Medicine (IOM). The report prepared by the IOM Committee to Advise the Public Health Service on Clinical Practice Guidelines aims "to encourage more standardization and consistency in guidelines development." To this end, it provides definition of key terms and lists attributes of good practice guidelines. The process of implementing and evaluating practice guidelines is discussed, and examples of guidelines are provided in the appendix.

Donaldson, Molla S.; Capron, Alexander M. PATIENT OUTCOMES RESEARCH TEAMS: MANAGING CONFLICT OF INTEREST. Washington: National Academy Press; 1991.

Eddy, David M. A MANUAL FOR ASSESSING HEALTH PRACTICES AND DESIGNING PRACTICE; THE EXPLICIT APPROACH. Philadelphia: American College of Physicians; 1992. In collaboration with the Council of Medical Specialty Societies Task Force on Practice Policies.

EFFECTIVENESS AND OUTCOMES IN HEALTH CARE: PROCEEDINGS OF AN INVITATIONAL CONFERENCE BY THE INSTITUTE OF MEDICINE, DIVISION OF HEALTH CARE SERVICES. Washington: National Academy Press; 1990.

A follow-up to the Effectiveness Initiative (see entry below). The objectives of this conference were: "to explore the social, clinical, and legislative environment for research on the topic of 'what works in the practice of medicine'; to review the conclusions and recommendations of the IOM workshops on breast cancer, acute myocardial infarction, and hip fracture; to highlight four important methodological issues in effectiveness studies...and to examine the question of where we go from here."

EFFECTIVENESS INITIATIVE: SETTING PRIORITIES FOR CLINICAL CONDITIONS. Washington: National Academy Press; 1989.

This report by a committee of the Institute of Medicine, Division of Health Care, recommends five conditions--acute myocardial infarction, angina (stable and unstable), breast cancer, congestive heart failure, and hip fracture--to be examined by the Health Care Financing Administration in terms of effectiveness of treatment.

Field, Marilyn J.; Lohr, Kathleen N. GUIDELINES FOR CLINICAL PRACTICE: FROM DEVELOPMENT TO USE. Washington: National Academy Press; 1992.

Developed by the Institute of Medicine Committee of Clinical Practice Guidelines, this is an overview of the process of guideline development. It includes sections on the recommended uses of guidelines, an instrument for assessing guidelines, and six case studies on the uses of guidelines in clinical practice.

Freidson, Eliot. MEDICAL WORK IN AMERICA: ESSAYS ON HEALTH CARE. New Haven (CT): Yale University Press; 1989.

The essays in this book are divided into four sections. The first section discusses physician-patient relations and how these are changing with changes in the organization of medicine. The second section deals with the social organization of medical practice. In the third section, the present status of the medical profession, "the broad cultural, political, social and economic forces in America that are now changing the conditions of medical practice," are examined. The final section is on health care in the future.

Ginzberg, Eli, ed. HEALTH SERVICES RESEARCH: KEY TO HEALTH POLICY. Cambridge (MA): Harvard University Press; 1991.

Subtitled "A report from the Foundation for Health Services Research," this volume is aimed at graduate students, legislators, and policymakers. It examines a broad range of economic issues including the hospital rate setting, the impact of Medicare and Medicaid, and physician payment; health manpower forecasting, and quality of care.

Lara, Maria Elena; Goodman, Clifford, eds. NATIONAL PRIORITIES FOR THE ASSESSMENT OF CLINICAL CONDITIONS AND MEDICAL TECHNOLOGIES: REPORT OF A PILOT STUDY. Washington: National Academy Press; 1990.

This report was prepared in response to a congressional charge to the Council on Health Care Technology to "identify needs in the assessment of health care technology." It describes 20 priority assessment areas--14 clinical conditions and six medical technologies--and the process for setting these priorities. Includes bibliography and glossary.



Lewin, Marion E., ed. FROM RESEARCH INTO POLICY: IMPROVING THE LINK FOR HEALTH SERVICES. Washington: American Enterprise Institute for Public Policy Research; 1986.

This volume focuses on "the role of health services research in the formulation of policies and programs." Four case studies include an examination of Federal and state initiatives in health care cost containment, DRGs for hospitals, the improvement of access to maternal and child health services, and nursing home reimbursement.

MEDICARE QUALITY OF CARE, AND OUTCOMES AND EFFECTIVENESS RESEARCH. Hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, One Hundred Second Congress, First Session, April 30, 1991. Washington: U.S. Government Printing Office; 1991.

Oral and written statements by many government and professional organizations involved in development and implementation of practice guidelines. Organizations represented include the Health Care Financing Administration, Agency for Health Care Policy and Research, American College of Physicians, American Medical Association, Institute of Medicine, Rand Corporation, and Johns Hopkins Program for Medical Technology and Practice Assessments.

Mosteller, Frederick; Falotico-Taylor, Jennifer, eds. QUALITY OF LIFE AND TECHNOLOGY ASSESSMENT. Washington: National Academy Press; 1989.

After a background chapter on quality of life issues, this monograph examines the use of quality of life measures in technology assessment. Twelve examples of applications of quality of life measures are provided; these are published studies and include the measures used, purpose of the study, the methods, results and conclusions. In addition, ten review forms for quality of life measures are provided. Essays on use of quality of life measures in specific situations (liver transplantation, antihypertensive medications, the private sector) are also included.

Park, Rolla Edward, et al. EXPLAINING VARIATIONS IN HOSPITAL DEATH RATES: RANDOMNESS, SEVERITY OF ILLNESS, QUALITY OF CARE. Santa Monica (CA): Rand; 1991.

"In this report, an attempt is made to sort out the relative importance of quality of care, severity of illness, and unmeasured factors or selection effects as determinants of hospital death rates. Medicare patients with congestive heart failure and acute myocardial infarction

are studied. These conditions together accounted for nearly 18 percent of all Medicare hospital deaths during 1984." The body of the report is based upon an article published in *JAMA* in 1990. Appendixes provide additional corroborative statistical information.

Porter, Roger J.; Malone, Thomas E., eds. *BIOMEDICAL RESEARCH: COLLABORATION AND CONFLICT OF INTEREST*. Baltimore (MD): Johns Hopkins University Press; 1992.

"This volume provides an analysis of the impact of industry and academia on biomedical research and how these institutions work together. The analysis begins with the moral imperative for biomedical research and ends with an analysis of how the U.S. federal government regulates its own laboratories." Contributors include staff of the Association of American Medical Colleges, National Institutes of Health, Executive Office of the President, medical school deans, pharmaceutical companies, and the Brookings Institution.

Ropes, Linda Brubaker. *HEALTH CARE CRISIS IN AMERICA: A REFERENCE HANDBOOK*. Santa Barbara (CA): ABC-CLIO; 1991.

Although aimed at the general reader, this book provides a good introduction to the current health care situation in the United States. Included are an overview of present problems, a chronology of important events, and biographies of key figures in the health policy field. A directory of health-related government agencies and a selective list of reference works, both print and automated, complete the volume.

Saltman, Richard B., ed. *INTERNATIONAL HANDBOOK OF HEALTH-CARE SYSTEMS*. New York: Greenwood Press; 1988.

A compendium of essays on health care systems in 21 countries. Each chapter consists of sections on health statistics, an historical overview, the health system structure, education of health professionals, and current and future problems. Includes bibliographies.

White, Kerr L.; Frenk, Julio; Ordonez, Cosme, et al, eds. *HEALTH SERVICES RESEARCH: AN ANTHOLOGY*. Washington: Pan American Health Organization; 1992.

A selection of 100 articles on "various facets of the broad field of health services research" and were selected by the editors as "important contributions toward health theory and practice." Arrangement of the selections is chronological. A topical table of contents divides articles into four categories: contexts of health

services, resources for health services, provision of health services, and health status. Within each category, selections are divided into sections on theoretical and conceptual developments, methods or research, and implications for health policies.

Williams, Stephen J.; Torrens, Paul R., eds. INTRODUCTION TO HEALTH SERVICES. 3rd ed. New York: Wiley; 1988.

"This text provides both beginning students and health care professionals with a valuable set of data and insights into the major features and idiosyncrasies of American health services." *Part 1* is an overview of the health services system in the United States. *Part 2, Causes and Characteristics of Health Services Use in the United States*, includes chapters on the physiological and psychological bases of health, disease, and care-seeking, and indicators and predictors of health services utilization. *Part 3* presents overviews of different types of health care providers. *Part 4* deals with medical technology, health care professionals, and health care financing. *Part 5* treats the assessment and regulation of the health care system, while the final part deals with health care policies and politics.

Wolf, Stephen H. MANUAL FOR CLINICAL PRACTICE GUIDELINE DEVELOPMENT. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Agency for Health Care Policy and Research; Springfield (VA): National Technical Information Service; 1991.

Subtitled "A protocol for expert panels convened by the Office of the Forum for Quality and Effectiveness in Health Care," this manual "includes step-by-step instructions accompanied by worksheets and tables" used in the development of clinical practice guidelines.

### ***Bibliographies***

Bruhn, John G., et al, compilers. MEDICAL SOCIOLOGY: AN ANNOTATED BIBLIOGRAPHY, 1972-1982. New York: Garland; 1985.

Contains 1,949 references to English-language literature. Topics include social aspects of medicine, health economics, health and illness behavior, hospital and health care organizations, and health services research.

Carmody, J.; Castillo, D.R., compilers. ANNOTATED BIBLIOGRAPHY: RURAL HEALTH SERVICES RESEARCH, 1968-1990. Springfield (VA): National Technical Information Service; 1991.

"This bibliography summarizes the results of past and current AHCP-

supported research on rural health services over the 1968-90 period. It is comprised of 127 annotations for both current projects and for completed project findings published in peer-reviewed journal articles, AHCPR reports, and final executive summaries and research reports available through the National Technical Information Service."

Castillo, D.R., compiler. ANNOTATED BIBLIOGRAPHY OF AHCPR RESEARCH. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Agency for Health Care Policy and Research; Springfield (VA): National Technical Information Service; 1990.

This bibliography compiles the results of the research efforts of the Agency for Health Care Policy and Research (formerly the National Center for Health Services Research and Health Care Technology Assessment) for the years 1987 through February 1990. This bibliography updates previous publications *Annotated Bibliography of NCHSR Publications 1980-84* and *Annotated Bibliography of NCHSR Publications January 1985 to July 1987*. AHCPR has funded research covering the topics of quality, cost, and delivery of health services.

Castillo, D.R., compiler. ANNOTATED BIBLIOGRAPHY OF NCHSR PUBLICATIONS, 1980-84. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment (NCHSR); Springfield (VA): National Technical Information Service; 1988.

A comprehensive compilation of all NCHSR intramural and extramural publications, 1980 to 1984. Annotations from nearly 800 reports are included.

COMPENDIUM OF HHS (HEALTH AND HUMAN SERVICES) EVALUATIONS AND RELEVANT OTHER STUDIES. 7th ed. Washington: U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, HHS Evaluation Documentation Center; 1988.

Contains descriptions of ongoing and completed HHS evaluations, research studies of a short-term nature conducted by the Department, the Inspector General's Program Inspections, and reports from the General Accounting Office, Office of Technology Assessment, and Congressional Budget Office that are of relevance to the Department.

DEVELOPING COUNTRIES: HEALTH POLICIES, PLANNING, FINANCING AND RESOURCES. Springfield (VA): National Technical Information Service; 1987.

A list of 329 citations concerning health policies, planning, financing, facilities, and manpower in Third World countries.

Nabili, H.M. An introduction to national health care systems. HEALTH MATRIX 1986 Summer;4(2):32-5.

Lists sources of health information for regions of the world and internationally.

Rand Corporation. A BIBLIOGRAPHY OF SELECTED RAND PUBLICATIONS.  
HEALTH-RELATED RESEARCH. Santa Monica (CA): Rand Corp.; 1991.

A list of "selected RAND studies published from 1980 to the present in areas of health research including, among others, physiology, medical manpower, emergency health services, and health status measurement." Subject and author index.

## Health Planning and Policy

*Monographs and bibliographies related to health planning and policy include health planning methodologies as well as discussion of major policy issues in health care delivery.*

Berwick, Donald M. CURING HEALTH CARE: NEW STRATEGIES FOR QUALITY IMPROVEMENT. San Francisco (CA): Jossey-Bass; 1990.

This book is an "extended interpretation" of the experiences of the health care organizations which participated in the National Demonstration Project on Quality Improvement in Health Care (NDP), in the fall of 1987 to answer the question: "Can the tools of modern quality improvement, with which other industries have achieved breakthroughs in performance, help in health care as well?" The authors use "their actual stories as a starting point for more theoretical discussions of the technology of quality improvement." This book is written for managers and leaders of health care organizations, clinicians, health care payers and health care regulators, quality management consultants, and students of medicine and management.

Blank, Robert H. LIFE, DEATH, AND PUBLIC POLICY. DeKalb (IL): Northern Illinois University Press; 1988.

"This book presents an overview of the hard life-and-death decisions that, increasingly, are making their way into the public-policy agenda. It describes the policy context of a broad array of biomedical innovations and analyzes the policy problems these advances are creating." The focus is on the "social-policy dimensions raised by a biomedical revolution in which even the basic definitions of life and death are challenged." This title is the first in the *Studies in Biomedical Policy* series.

Brown, Lawrence D. HEALTH POLICY IN THE UNITED STATES: ISSUES AND OPTIONS. New York: Ford Foundation; 1988.

An examination of government policy on a wide variety of health issues, including the control of technology, supply of hospital beds, number of physicians, financing of health care, support for alternative delivery systems of health care, and regulation of the health care system.

Dougherty, Charles J. AMERICAN HEALTH CARE: REALITIES, RIGHTS, AND REFORMS. New York: Oxford University Press; 1988.

This book consists of three sections. The first part, *Realities*, discusses access to care by underserved populations and the quality of care they receive, as well as the problem of rising health care costs. The second part, *Rights*, compares philosophical theories of rights: utilitarianism, egalitarianism, libertarianism, and contractarianism. The third section, *Reforms*, evaluates proposed reform mechanisms for the American health care system, including free market solutions, diagnosis-related groups, managed care plans, and national health insurance and health care services.

Ginzberg, Eli. THE MEDICAL TRIANGLE: PHYSICIANS, POLITICIANS, AND THE PUBLIC. Cambridge (MA): Harvard University Press; 1990.

The essays in this anthology fall into five groups. Part 1, *The Changing Health Care System*, discusses the factors which have destabilized the American health care system in recent years. Part 2, *Important Subsystems*, focuses on the role of academic health centers, foundations, and communities health centers. Part 3, deals with medical education, the physician supply, and nursing. Part 4, *Patients' Needs and Resources*, examines the needs of special populations such as the elderly, patients with catastrophic illnesses, and the poor. Part 5, *Health Agenda Issues*, contains chapters entitled *Balancing Dollars and Quality*, *A Hard Look at Cost Containment*, and *U.S. Health Policy: Expectations and Realities*.

HEALTHY CHILDREN 2000: NATIONAL HEALTH PROMOTION AND DISEASE PREVENTION OBJECTIVES RELATED TO MOTHERS, INFANTS, CHILDREN, ADOLESCENTS, AND YOUTH. Washington: U.S. Department of Health and Human Services, Public Health Service; 1991.

"A special compendium of approximately 170 national health promotion and disease prevention objectives affecting mothers, infants, children, adolescents and youth contained in *Healthy People 2000*, the set of 300 objectives published in September, 1990."

HEALTHY PEOPLE 2000: NATIONAL HEALTH PROMOTION AND DISEASE PREVENTION OBJECTIVES: FULL REPORT, WITH COMMENTARY. Washington: U.S. Department of Health and Human Services, Public Health Service; U.S. Government Printing Office; 1990.

A follow-up to the original *Healthy People* (1979), this report contains major health goals of the United States for the 1990's. Part I contains an overview of major health concerns of specific age groups and populations. Part II contains the specific objectives for health promotion (e.g., through physical activity and fitness), health protection (e.g. through occupational safety programs), preventive



services (e.g., programs in maternal and infant health), and surveillance and data systems (e.g., development of health status indicators). Separate sections address age-related objectives and special population objectives.

Institute of Medicine. Committee for the Study of the Future of Public Health. THE FUTURE OF PUBLIC HEALTH. Washington: National Academy Press; 1988.

"This study was undertaken to address a growing perception among the Institute of Medicine membership and others concerned with the health of the public that this nation has lost sight of its public health goals and has allowed the system of public health to fall into disarray." It includes a history of the public health system, an assessment of the current public health system, and recommendations for improvements to the public health system.

Lee, Philip R.; Estes, Carroll L., eds. THE NATION'S HEALTH. 3rd ed. Boston: Jones and Bartlett; 1990.

In the introduction to this anthology, the editors state that it is intended "to represent a range of views about factors affecting health status, the current state of health care, and the future of the health care system." Sections cover health status and its determinants; shaping the health care system; the politics of health; the critical role of nurses; the rising costs of health care; competition vs. regionation; inequities in access to health care; quality, effectiveness, and appropriateness of care; chronic illness, aging, and long-term care; and AIDS.

Litman, Theodor J.; Robins, Leonard S., eds. HEALTH POLITICS AND POLICY. 2nd ed. Albany (NY): Delmar Publishers; 1991.

A wide-ranging survey of policy issues in health care. Sections include: *Health Politics and Policy in Perspective*; *Health Policy and the Political Structure*; *The Role of Interest Groups and Public Opinion*; and *Health Policy and the Political Process*. Also includes an extensive bibliography.

Mechanic, David. PAINFUL CHOICES: RESEARCH AND ESSAYS ON HEALTH CARE. New Brunswick (NJ): Transaction Publishers; 1989.

A collection of essays on the United States health care system and the dilemmas it faces. Topics include the use of medical technology, the organization of the health care system, utilization of physicians, illness behavior and how it impacts on the health care system, and future directions for health care and health services research.

Meyer, Jack A.; Lewin, Marion E., eds. CHARTING THE FUTURE OF HEALTH CARE. Washington: American Enterprise Institute for Public Policy Research; 1987.

Ms. Lewin, director of the American Enterprise Institute's (AEI) Center for Health Policy Research, and Mr. Meyer, president of New Directions for Policy, brought together a group of writers with broad experience in the health, social, and economics areas to analyze the major economic and policy issues affecting the future of health care in the United States. The chapters include the *Current Federal Budget Environment: Implications for Health Care; Forecasting the Future: the Roles of Professionals and Technological Change; Improving Health Status: Individual Behavior, Workplace Reforms, and Public Health; Medical Technology in a Changing Health Care Environment; and AIDS and Related Issues.*

Oviatt, Carol C. THE USE OF DRG'S IN HEALTH PLANNING. Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Maintenance Organizations and Resources Development, Office of Health Planning; 1985.

Examines the use of diagnosis-related group (DRG) data as a health planning tool. "Included are descriptions of how DRG data may be used for projecting morbidity patterns, projecting overall and service-specific bed need, projecting program resource requirements, examining current utilization patterns, allocating resources, projecting total hospital inpatient revenues, and determining the need for nursing home beds."

President's Commission for the Study of Ethical Problems in Medicine and Biomedical and Behavioral Research. SECURING ACCESS TO HEALTH CARE: A REPORT ON THE ETHICAL IMPLICATIONS OF DIFFERENCES IN THE AVAILABILITY OF HEALTH SERVICES. Washington: President's Commission for the Study of Ethical Problems in Medicine and Biomedical and Behavioral Research; 1983.

*Volume I* of this title consists of the report itself; *Volume II* contains the appendixes covering sociocultural and philosophical studies; and *Volume III*, appendixes covering empirical, legal, and conceptual studies.

Roemer, Milton Irwin. NATIONAL HEALTH SYSTEMS OF THE WORLD. New York: Oxford University Press; 1991- .

"This book attempts to analyze the national health systems of many

types that operate in countries throughout the world. It also examines the main components of systems across countries." The first part of the book includes sections on global health and its determinants and the components of health systems. The following sections discuss entrepreneurial, welfare-oriented, comprehensive, and socialist health systems in industrialized countries, transitional countries, and very poor countries.

Sloan, Frank A., et al., eds. *COST, QUALITY, AND ACCESS IN HEALTH CARE: NEW ROLES FOR HEALTH PLANNING IN A COMPETITIVE ENVIRONMENT*. San Francisco: Jossey-Bass Publishers; 1988.

This book is the outcome of a symposium on the "Role of Health Planning in a Competitive Environment" held at the Health Policy Center of Vanderbilt University's Institute for Public Policy Studies in May 1986. The goal of the editors in writing this book is "to show how new forms of planning may contribute to the attainment of health policy objectives of access, cost containment, and quality assurance in the coming years." The intended audience includes health planners and policy makers, hospital and health care administrators, and researchers and educators in health care administration, health economics, health politics and law, and public administration. Some of the issues are access to health care, quality assurance, cost containment, competition in the health care system, and development of health services. The final chapter, *Meeting the Health Care Challenges of the 1990's*, reviews some of the current demands for health services: infectious diseases including AIDS, services for the chronically ill of all ages, and organ transplantation.

Sorian, Richard. *THE BITTER PILL: TOUGH CHOICES IN AMERICA'S HEALTH POLICY*. New York: McGraw-Hill; 1988.

Sorian, a health reporter, chronicles the changes in Federal health policy under the Reagan administration. Among the topics discussed are government payment for hospital care of the elderly and catastrophic insurance for that population, health care of the poor, Federal regulatory programs, state-run block grants, the impact of the "religious right," and AIDS policy.

Stoto, Michael A.; Behrens, Ruth; Rosemont, Connie, eds. *HEALTHY PEOPLE 2000: CITIZENS CHART THE COURSE*. Washington: National Academy Press; 1990.

"This volume was prepared as a record of the public hearings and other activities designed to gather and organize information for the United States Public Health Service in formulating national health

objectives for the year 2000." The report serves two purposes: one is to provide "important information for those drafting objectives at all levels;" the second is to serve "as the record of a unique process in which over 1,000 concerned health professionals and laymen from all regions of the country contribute their knowledge and experience to the building of national objectives for health promotion and disease prevention."

Willis, David P., ed. HEALTH POLICIES AND BLACK AMERICANS. New Brunswick (NJ): Transaction Publishers; 1989.

This book contains chapters on demographics, morbidity and mortality, and many aspects of health care of black Americans, including mental health, exposure to work-related hazards, AIDS, teenage pregnancy, heart disease and stroke. The implications of health policies for black Americans are also discussed.

### ***Bibliographies***

Annotated bibliography: DRGs: evaluating the experience. HEALTH POLICY 1988 Apr;9(2):133-55.

Includes sections on DRG (diagnosis-related groups)-based prospective financing, use of DRGs for care other than short-term somatic inpatient care, DRGs versus other case-mix measures, DRGs and quality of care, and DRGs outside the U.S.

HEALTH CARE REQUIREMENT CHARACTERISTICS OF COMMUNITIES AND POPULATIONS. Springfield (VA): National Technical Information Service; 1983.

Contains 142 citations on factors influencing health care requirements, including socioeconomic, demographic, environmental, and nutritional factors.

Milburn, L.T.; Hayes, K.; Griffith, H. The information seeker's guide to health policy news. NURSING AND HEALTH CARE 1988 Jun;9(6):307-9.

An annotated list of sources of health policy information, including books and pamphlets, newsbriefs, journals and magazines, professional newspapers, and newsletters.

Paul-Shaheen, P.; Clark, J.D.; Williams, D. Small area analysis: a review and analysis of the North American literature. JOURNAL OF HEALTH POLITICS, POLICY AND LAW 1987 Winter;12(4):741-809.

Contains an extensive bibliography on population-based small area

research and policies influencing health services utilization.

Pederson, Ann P., compiler. COORDINATING HEALTHY PUBLIC POLICY: AN ANALYTIC LITERATURE REVIEW AND BIBLIOGRAPHY. Ottawa (Ontario, Canada): National Health Research and Development Program; 1988.

Citations on medical policy and health promotion in Canada's national health program.

## Health Legislation and Regulation

*Monographs and bibliographies related to health legislation and regulation include accreditation manuals, standards, and health law.*

ACCREDITATION MANUAL FOR HOSPITALS. Oakbrook Terrace (IL): Joint Commission on Accreditation of Healthcare Organizations; 1991.

This edition is the first to be published in two separate volumes. "Volume I contains the standards and is familiar to readers as the annual *AMH*. Volume II contains the scoring guidelines to the standards."

AMBULATORY HEALTH CARE STANDARDS MANUAL. Chicago: Joint Commission on Accreditation of Hospitals; 1984- .

This manual "is designed for use in self-assessment by ambulatory care organizations and is the basis for the survey report form, which Joint Commission surveyors use to record their on-site survey findings." Sixteen areas for which standards apply are enumerated with checklists.

American College of Legal Medicine. LEGAL MEDICINE: LEGAL DYNAMICS OF MEDICAL ENCOUNTERS. St Louis (MO): Mosby; 1988.

This wide-ranging textbook "is structured to explore and illustrate the legal implications of medical practice and the special legal issues attendant to organized health and medical care. Although originally conceived as a book for physicians and physicians-in-training, it should also prove useful for other health care providers, attorneys advising medical professionals or health care organizations, and law students with an interest in medical and health care issues."

CALENDARS OF THE UNITED STATES HOUSE OF REPRESENTATIVES AND HISTORY OF LEGISLATION. Washington: U.S. Government Printing Office; 1903- .

Legislative information arranged by bill number, conference report number, title, and date introduced. Includes status of major bills and legislative history of laws and appropriation bills.

Champagne, Anthony; Dawes, Rosemary N. COURTS AND MODERN MEDICINE. Springfield (IL): Thomas; 1983.

This book examines nine areas of medicine in which court decisions

have been instrumental in shaping public policy: abortion, genetics and birth control, informed consent, right to refuse treatment on religious grounds, imprisoned and institutionalized persons, right to choose treatment, right to die, wrongful life, and the right to treatment. Each area begins with an introductory essay; excerpts of key cases on the subject follow.

Feldstein, Paul J. THE POLITICS OF HEALTH LEGISLATION: AN ECONOMIC PERSPECTIVE. Ann Arbor (MI): Health Administration Press Perspectives; 1988.

Examines legislative outcomes in the health field in terms of economics. The author argues that "individuals, groups, and legislators act to serve their own particular self-interest, which in the case of legislators is to be re-elected. A basic assumption underlying this approach is that the legislation that was passed, and the design of that legislation, was as intended by the legislature." Topics discussed in this light include medical research, deregulation, Medicare and Medicaid, and lobbying by health organizations.

Fiscina, Salvatore Francis, et al. A SOURCEBOOK FOR RESEARCH IN LAW AND MEDICINE. Owings Mills (MD): National Health Publishing; 1985.

Intended for professionals in both law and medicine. Classified arrangement covering problems analysis and research design, medicolegal information sources, medicolegal references, law primer, cases in law and medicine, and medicolegal consultants. Entries give appropriate bibliographical, identifying, or descriptive information. No index.

Food and Drug Administration. INTRODUCTION TO FDA DRUG REGULATION: A MANUAL FOR PHARMACISTS. Washington: U.S. Department of Health and Human Services, Public Health Service, Food And Drug Administration, Center for Drug Evaluation and Office of Regulatory Affairs; 1990.

"This booklet will help pharmacists, including pharmacy students, as well as other interested students and health professionals, understand the basic Federal drug laws and regulations that affect the practice of pharmacy and the practice of medicine." Official definitions are provided, as well as descriptions of the process of drug approval and drug recall.

Greenberg, Warren. COMPETITION, REGULATION, AND RATIONING IN HEALTH CARE. Ann Arbor (MI): Health Administration Press; 1991.

This book "provides an economist's view of the health care sector" and

analyzes the health care industry using industrial organization techniques. Chapters examine the physician services industry, the hospital industry, various insurance issues, regulation versus competition and antitrust, technology and rationing, and insights from other health systems in Canada, Great Britain, and the Netherlands.

Hogue, L. Lynn, ed. PUBLIC HEALTH AND THE LAW: ISSUES AND TRENDS. Rockville (MD): Aspen Systems Corporation; 1980.

"This anthology of articles and cases on public health and the law was developed to meet the need for a useful collection of materials for courses on the legal aspects of health care administration, hospitals, and public health. The book covers six significant areas of interaction between law and the health care delivery system: economic and regulatory concerns; law and the administration of health care; the role of law in protecting the public's health; health and the role of law and ethics in channeling behavior; the interaction of ethics and law as related to health; and the regulation of public health research." It is intended for use by students in health sciences administration, law, and medicine, as well as a reference source for others interested in the field.

HOSPICE STANDARDS MANUAL. Chicago: Joint Commission on Accreditation of Hospitals; 1986.

"The *Hospice Standards Manual* is designed for use in independent hospices and hospice programs that are a service of another health care organization." Ten areas for which standards apply are enumerated with checklists.

Institute of Medicine. Committee to Study Medical Professional Liability and the Delivery of Obstetrical Care. MEDICAL PROFESSIONAL LIABILITY AND THE DELIVERY OF OBSTETRICAL CARE. Washington: National Academy Press; 1989.

An examination of the effects of medical professional liability on the delivery of health care and the practice of obstetrics. *Volume 1* begins with an overview of maternity care in the United States. Subsequent chapters discuss the effects of medical professional liability on the availability of obstetrical providers, the impact on provision of care to poor women and women served by Medicaid, and the effects on the practice of obstetrics. Sections on obstetrical malpractice insurance and the legal system complete the volume. *Volume 2* consists of papers commissioned by the committee on a wide variety of relevant medical and legal issues.



Jacobstein, J. Myron; Mersky, Roy M. FUNDAMENTALS OF LEGAL RESEARCH. Mineola (NY): Foundation Press; 1987.

Guide to legal research, including research in Federal legislation and administrative (regulatory) law.

LONG TERM CARE STANDARDS MANUAL. Chicago: Joint Commission on Accreditation of Hospitals; 1984- .

The standards for long term care organizations are divided into sections on organizational structure and management, patient/resident care management, and support functions. Appendixes provide a table of applicable standards, revisions since the last edition, accreditation and appeal procedures, and survey materials and information.

Nielsen, James Robert. HANDBOOK OF FEDERAL DRUG LAW. 2nd ed. Philadelphia: Lea and Febiger; 1992.

This handbook is designed to assist the student or health care practitioner in understanding the basic Federal drug laws that affect daily practice. Information on who can manufacture drugs, packaging laws, and distribution and sale regulations is reviewed. This handbook is arranged by subject matter. Each section reviews the Federal laws, then state and local laws if any pertain. This handbook is designed to be used as an adjunctive text for a course in drug law, but can be widely used by the practitioner in his/her everyday practice.

1989 MANAGED CARE STANDARDS MANUAL. Chicago: Joint Commission on Accreditation of Healthcare Organizations; 1989.

A manual designed specifically for managed care organizations. Key characteristics of such organizations are addressed in separate chapters: organization and administration; quality assurance; rights and responsibilities of members; office/site management; facility and environment; patient care information and records; patient management; pharmaceutical services; pathology and medical laboratory services; surgical and anesthesia services; emergency services; and infirmaries.

Office of the Federal Register. CODE OF FEDERAL REGULATIONS. TITLE 42: PUBLIC HEALTH. Washington: U.S. Government Printing Office; 1960- .

"The *Code of Federal Regulations* is a codification of the general and permanent rules published in the *Federal Register* by the Executive departments and agencies of the Federal Government. The *Code* is

divided into 50 titles which represent broad areas subject to Federal regulation." *Title 42* includes regulations for the Public Health Service, Health Care Financing Administration, and Office of Inspector General-Health Care.

PHAS, PROGRAM ON HOSPITAL ACCREDITATION STANDARDS. Chicago: Joint Commission on Accreditation of Hospitals; 1983- .

The manual "is intended as an instructional aid" to complement the *Accreditation Manual for Hospitals*. Each section includes criteria by which the health care organization is rated for accreditation, sources of the criteria, self-assessment items, how the item is rated, and explanatory notes and comments.

PRINCIPLES FOR ACCREDITATION OF COMMUNITY MENTAL HEALTH SERVICE PROGRAMS. Chicago: Joint Commission on Accreditation of Hospitals; 1981.

This manual begins with a section on general administrative policies and procedures, which "describes the eligibility criteria, overall policies, and procedures affecting application, survey, accreditation decision, and appeal of decision." The second section of the manual "describes the conceptual model used to generate the principles, subprinciples, indicators and standards that will be used to evaluate community mental health service programs." The final section contains the actual principles, subprinciples, indicators, and standards themselves.

RISK MANAGEMENT STRATEGIES. Oakbrook Terrace (IL): Joint Commission on Accreditation of Healthcare Organizations; 1991.

Subtitled "A guide to meeting the Joint Commission risk management standards," the purpose of this book is "to help health care professionals understand the Joint Commission's risk management standards and implement effective activities to fulfill those standards. The overriding goal is to reduce risk through a coordinated effort to continuously improve the quality of patient care." Four chapters discuss the background of the Joint Commission's involvement in risk management, the governing body's responsibilities for hospital risk management, the required risk-identification and risk-reduction functions in an accredited hospital, and measures to meet the risk management requirements.

Sanford, Sarah J.; Disch, Joanne Marilyn. STANDARDS FOR NURSING CARE OF THE CRITICALLY ILL. 2nd ed. Norwalk (CT): Appleton and Lange; 1989.

This second edition of the *Standards* retains many of the "generic elements of critical care nursing practice based on the nursing

process" as outlined in the first edition published in 1981. The sections covering implementation of the standards have been greatly expanded. The standards serve many purposes, including: "incorporating them into daily (nursing) practice, using them as a framework for educational programming, integrating them into management tools for the evaluation of critical care nursing practice and the critical care environment," and more, all influencing care of the critically ill.

SENATE CALENDAR OF BUSINESS. Washington: U.S. Government Printing Office; 1897- .

Legislative information arranged by bill number, conference report number, title, and date introduced.

Southwick, Arthur F. THE LAW OF HOSPITAL AND HEALTH CARE ADMINISTRATION. 2nd ed. Ann Arbor (MI): Health Administration Press; 1988.

This title is "intended primarily for the student first beginning to study the legal aspects of health care," and also as a reference source for professional legal counsel. It is divided into four parts: *The Physician-Patient Relationship: Professional Liability*, *The Health Care Institution as a Corporation*, *The Institutional-Patient Relationship*, and *The Institutional-Physician Relationship*. The scope of the text is limited to topics related to "private law" which the author defines as "the law relating to the mutual rights and responsibilities of private individuals and institutions."

STANDARDS FOR OBSTETRIC-GYNECOLOGIC SERVICES. 7th ed. Washington: American College of Obstetricians and Gynecologists; 1989.

The primary aim of these standards is "to establish, maintain, and enhance an attainable quality of care and...to provide basic information useful in the assessment of the quality of care rendered." Six chapters discuss organization of departments in hospitals and ambulatory settings, specific services provided to obstetric and gynecologic patients, and special considerations such as informed consent, professional education, and community health. An appendix contains the *Report of the Task Force on Routine Cancer Screening*.

STANDARDS MANUAL FOR REHABILITATION FACILITIES. Tucson (AZ): Commission on Accreditation of Rehabilitation Facilities; 1980.

The manual is designed "to provide a systematized collection of fundamental information which will serve the rehabilitation community

as an authoritative source for definitions, criteria, standards, interpretations, reference and resource materials on the various elements of rehabilitation facility operation."

UNITED STATES CODE. 10th ed. Washington: U.S. Government Printing Office; 1983.

Codification of general and permanent laws of the U.S.; indexed by subject and popular name of acts, revised every six years. See the entry under *LEXIS* in the database section below for a description of the online service.

UNITED STATES STATUTES AT LARGE. Washington: U.S. Government Printing Office; Vol. 50, 1937- .

Annual compilation of slip laws (pamphlet prints of public and private laws enacted by Congress) for each session of Congress arranged in chronological order by date enacted; subject index and referral to previous laws affected.

## ***Bibliographies***

Annotated bibliography: legal and ethical aspects of AIDS. HEALTH POLICY 1990 Jan-Feb;14(1):37-60.

A list of 67 articles with abstracts.

Kapp, Marshall B., compiler. LEGAL ASPECTS OF HEALTH CARE FOR THE ELDERLY: AN ANNOTATED BIBLIOGRAPHY. New York: Greenwood Press; 1988.

A list of 617 references to books, chapters, journal articles, and reports published 1980 to 1987.

Mac Sheoin, T. The dismantling of US health and safety regulations under the first Reagan administration: a bibliography. INTERNATIONAL JOURNAL OF HEALTH SERVICES 1985;15(4):585-608.

Includes sections on overviews, the Environmental Protection Agency, the Food and Drug Administration, and the Occupational Safety and Health Administration.

Ziegenfuss, James T., compiler. LAW, MEDICINE & HEALTH CARE: A BIBLIOGRAPHY. New York: Facts on File Publications; 1984.

Contains 3,500 citations to journal articles in all areas of law, medicine, and health care. Topics include legislation, malpractice, medical records, ethics, consent, and liability, as well as lists of journals in the field.

## **Health Economics and Business**

*Monographs and bibliographies related to health economics and business include financing of health care and biomedical research, Diagnostic Related Groups, charges and payment for health care services, and economic analysis of health care.*

Bazzoli, Gloria J. HEALTH CARE FOR THE INDIGENT: LITERATURE REVIEW AND RESEARCH AGENDA FOR THE FUTURE. Chicago: American Hospital Association, Council on Research and Development; 1985.

This brief review of the literature on health care for the indigent describes four areas of indigent care research: a profile of the medically indigent, major public programs for the indigent, providers of health care to the economically disadvantaged, and the impact of structural changes on indigent care. In the final section the author presents an agenda for future research. The focus is on questions of access to care, types of health services used, quality of care received, major health problems of the indigent, and financing of this health care.

Berman, Howard J., et al. THE FINANCIAL MANAGEMENT OF HOSPITALS. 7th ed. Ann Arbor (MI): Health Administration Press; 1990.

This comprehensive work contains 23 chapters which address operating revenue, management, resource allocation, control and analysis, and a look at future trends. Includes a list of acronyms, glossary, lengthy bibliography, and a list of publishers and sources. The text is generously supported with charts, graphs, drawings, and statistics.

Bloom, Floyd E.; Randolph, Mark A., eds. FUNDING HEALTH SCIENCES RESEARCH: A STRATEGY TO RESTORE THE BALANCE. Washington: National Academy Press; 1990.

This report was prepared by the Committee on Policies for Allocating Health Sciences Research Funds of the Division of Health Sciences Policy, Institute of Medicine. It "represents the efforts of a distinguished committee of university presidents, academic deans, department chairmen, foundation leaders, and university and industry research scientists, who were presented with the difficult task of reviewing the allocation of funding for research in the health sciences and recommending policies to assure balance in support among the components of this research."

Christensen, Sandra. RESTRUCTURING HEALTH INSURANCE FOR MEDICARE

ENROLLEES. Washington: U.S. Congress, Congressional Budget Office; 1991.

"This report--requested by the late Senator John Heinz for the Senate Special Committee on Aging--examines a number of options by which Medicare's benefit structure could be enriched without increasing federal costs or enrollees' premiums. The primary focus is on two benefit improvements--a ceiling on enrollees' copayment liabilities and coverage for their prescription drug costs." An appendix details total costs and enrollees' liabilities for Medicare-covered services from 1975-1991.

Cleverley, William O. ESSENTIALS OF HEALTH CARE FINANCE. 2nd ed. Rockville (MD): Aspen Publishers; 1986. [new edition in preparation]

A basic text on all aspects of health care finance. Includes discussions of the present financial environment in which health care organizations operate, principles of accounting, financial planning, cost concepts and product costing, capital project analysis, and capital formation. Each chapter concludes with exercises and solutions.

Coddington, Dean C.; Keen, David J.; Moore, Keith D.; Clarke, Richard L. THE CRISIS IN HEALTH CARE: COSTS, CHOICES, AND STRATEGIES. San Francisco: Jossey-Bass Publishers; 1990.

*Part One* of this book provides an overview of the current crisis in health care costs. The second section identifies the forces which influence rising health care costs. In *Part Three*, the authors present four alternative health care reform proposals and how physicians, hospitals, and payers would respond.

Davis, Karen, et al. HEALTH CARE COST CONTAINMENT. Baltimore (MD): Johns Hopkins University Press; 1990.

"This book attempts to inform those concerned with the effort to contain health care costs in the United States about the impact and effectiveness of the myriad approaches to health care cost containment launched over the last fifteen years by public bodies and private organizations." Included are sections on the experiences of rate-setting agencies, corporate initiatives, Medicare and Medicaid, health maintenance organizations.

Eisenberg, John M. DOCTORS' DECISIONS AND THE COST OF MEDICAL CARE: THE REASONS FOR DOCTORS' PRACTICE PATTERNS AND WAYS TO CHANGE THEM. Ann Arbor (MI): Health Administration Press Perspectives; 1986.

This text is "an introduction to the research that has elucidated the reasons doctors practice the way they do and make the decisions they

do." The first of three parts concentrates on the various roles of the physician, an examination aimed at understanding the variations in physicians' practice patterns. The second part examines changes in practice patterns with a look at education, feedback, participation in the change efforts, and administration. The third part examines six directions for research identified by the author. References at the end of each chapter are supplemented with a 19-page bibliography.

Erdman, Karen; Wolfe, Sidney M. POOR HEALTH CARE FOR POOR AMERICANS: A RANKING OF STATE MEDICAID PROGRAMS. Washington: Public Citizen Health Research Group; 1987.

"This report attempts to answer the question, 'If I were a poor person living in the United States, in which state would I have the best chance of gaining access to quality care through the Medicaid program?' In answering this question, it gives a full account of the inequities resulting from the huge variations of state Medicaid programs in eligibility policy, scope of services, availability of providers, quality of services, and reimbursement systems.... This report also investigates the reasons for these gross inequities among the states, and makes recommendations for Medicaid reform."

Feldstein, Paul J. HEALTH CARE ECONOMICS. 3rd ed. New York: Wiley; 1988.

The emphasis of this textbook is on "the financing and delivery of personal medical services, rather than on the broader issues of health and health services." Using two economic analysis techniques--marginal analysis and supply and demand analysis--the author examines the demand for medical care, the demand for health insurance, the supply of medical care, the markets for health insurance, health manpower, hospital and long-term care services, and the competition in these markets. Chapters on health policy focus on legislation, regulation, and national health insurance.

Frech, H.E. III, ed. REGULATING DOCTOR'S FEES: COMPETITION, BENEFITS, AND CONTROLS UNDER MEDICARE. Washington: AEI Press; 1991.

This volume, produced under the auspices of the American Enterprise Institute, discusses policy issues relating to physician payments under Medicare. Implications of relative value scales, value of physician time, and alternatives for setting and adjusting fee schedules for physicians are discussed.

Gertler, Paul; van der Gaag, Jacques. THE WILLINGNESS TO PAY FOR MEDICAL CARE: EVIDENCE FROM TWO DEVELOPING COUNTRIES. Baltimore (MD): Johns Hopkins University Press; 1990.



In their introduction, the authors state that "This book is about money--money to pay for delivering health services in developing countries." Peru and Cote d'Ivoire are the case studies used in the examination of the question "Are user fees for medical care a desirable and feasible alternative to government financing?"

Ginzberg, Eli; Dutka, Anna B. THE FINANCING OF BIOMEDICAL RESEARCH. Baltimore (MD): Johns Hopkins University Press; 1989.

"This study reviews and assesses one of the striking transformations in an important sector of U.S. society during the post-World War II years: the enlarged role of biomedical research on the national scene." The book contains many statistics on funding of biomedical research since 1940, chapters on the role of academic health centers in the performance of research and of philanthropic organizations in funding research, and a summary of future trends.

Gray, Bradford H.; Field, Marilyn J., eds. CONTROLLING COSTS AND CHANGING PATIENT CARE?: THE ROLE OF UTILIZATION MANAGEMENT. Washington: National Academy Press; 1989.

This study was undertaken by the Committee on Utilization Management by Third Parties of the Institute of Medicine to examine the effectiveness of utilization management in containing costs. It discusses unintended consequences of utilization management programs, accountability of utilization management organizations, and the responsibilities of health care providers and patients to make appropriate use of health services.

Grimaldi, Paul L.; Micheletti, Julie A. DIAGNOSIS RELATED GROUPS: A PRACTITIONER'S GUIDE. 2nd ed. Chicago: Pluribus Press; 1983.

"This volume is intended to be a guide to reimbursement by diagnosis-related groups (DRG). Its purpose is to explain the formation of the groups and the meaning of case-based reimbursement for the inner workings of a hospital." The book provides background on rate-setting programs and case-mix measures as well as specific examples of DRG implementation and the impact on hospital operations and reimbursement. Most of the examples in the text are taken from hospitals in New Jersey, the state which first experimented with DRGs.

GUIDE TO THE NURSING HOME INDUSTRY. Baltimore (MD): Health Care Investment Analysts, Inc; Dallas (TX): Arthur Andersen; 1990- .

Subtitled "a reference book of comparative financial, operating,

demographic, and regulatory information," this annual publication contains an overview of the economics of the nursing home industry, followed by data on each state.

Health Care Financing Administration. THE MEDICARE DIRECTORY OF PREVAILING CHARGES. Washington: U.S. Government Printing Office; 1976- .

"This directory contains...Medicare reimbursement data based on physician charges submitted to Medicare...in each of the reasonable charge localities within each Part B carrier's service area. Maps are provided for each state which outline the separate charge districts (localities) the carriers use in reimbursing claims under the Medicare program."

Hicks, Laurence J. HEALTH CARE ALTERNATIVES: HOW TO DESIGN A COST EFFECTIVE PLAN. Chicago: American Supply Association Education Foundation; 1987.

The intended audience of this book is the employer who is trying to control health care costs for employees. Chapters provide information and advice on designing employee benefit programs; alternative health care delivery systems; increasing employee responsibility by cost-sharing, wellness programs, and education programs; and managing and evaluating a health benefits plan.

Holahan, John, et al; eds. BALANCING ACCESS, COSTS, AND POLITICS: THE AMERICAN CONTEXT FOR HEALTH SYSTEM REFORM. Washington: Urban Institute Press; 1991.

This report presents a summary of two economic problems presently affecting the U.S. health sector: lack of adequate health insurance for many Americans, along with rapidly rising costs of care. Proposals for reform of the current system are discussed.

Institute of Medicine. Committee on Implications of For-Profit Enterprise in Health Care. FOR-PROFIT ENTERPRISE IN HEALTH CARE. Gray, Bradford H., ed. Washington: National Academy Press; 1986.

This study "focuses primarily on the development of the newer forms of investor-owned health care providers, with attention to other types of organizations (including physicians' office practices, public and not-for-profit health care organizations, and traditional, independent proprietary hospitals and nursing homes) for purposes of comparison and contrast...." Special emphasis is placed on the issues as they relate to hospitals. The text is divided into two parts with *Part I* covering the

Committee report, and *Part II* consisting of 15 research papers related to the Committee's activities. In a supplementary statement, seven members of the Committee concur that "the major finding of this report is that the investor-owned hospital chains have so far demonstrated no advantages for the public interest over their not-for-profit competitors."

Johnson, Richard E. UTILIZATION REVIEW: A HOW-TO-GUIDE. Brookfield (WI): International Foundation of Employee Benefit Plans; 1988.

This handbook aims "to provide specific information about the UR [utilization review] services available and to assist a plan sponsor in properly selecting and monitoring a URO [utilization review organization]." It discusses what utilization review is, what types of information to gather for utilization review, and how to select a utilization review organization. An appendix contains a list of utilization review organizations.

King, Martha P. MEDICAL INDIGENCY AND UNCOMPENSATED HEALTH CARE COSTS. Washington: National Conference of State Legislatures; 1989.

"This publication is intended to help legislators determine how to mitigate the problems of medical indigency and uncompensated health care costs in their own states." In a question and answer format, it addresses issues such as who are the patients receiving uncompensated care, why the uncompensated care debate focuses primarily on hospitals, what other states are doing about medical indigency and uncompensated health care costs, and what Federal assistance is available.

Lorenz, Eugene W.; Jones, Marleeta K. THE PHYSICIAN'S DRG WORKING GUIDEBOOK. Louisville (KY): St. Anthony Hospital; 1986- .

This book is "a working guide to making correct DRG (diagnosis-related groups) assignments, thus providing appropriate payment to the provider." It contains a brief introduction which includes a decision tree for DRGs and a glossary. Most of the book consists of a numerical list of DRGs by major diagnostic category. Disease, procedure indexes. Issued annually.

Manning, Willard G., et al. HEALTH INSURANCE AND THE DEMAND FOR MEDICAL CARE: EVIDENCE FROM A RANDOMIZED EXPERIMENT. Santa Monica (CA): Rand Corporation; 1988.

"This report examines the effects of varying levels of cost sharing on the demand for medical care and other health services. It presents

the final results of the Rand Health Insurance Experiment with respect to annual utilization of medical services in the fee-for-service system." The results of the experiment show that the use of medical services does respond to changes in the amount which patients have to pay out-of-pocket.

MEDICARE AND MEDICAID GUIDE. Chicago: Commerce Clearing House; 1969-

Federal law, regulations, manuals, forms, and cost information; rulings and decisions of the Health Care Financing Administration and Provider Reimbursement Review Board.

Meyer, Jack A., ed. INCENTIVES VS. CONTROLS IN HEALTH POLICY. Washington: American Enterprise Institute for Public Policy Research; 1985.

The focus of this publication is health care cost containment. The first chapter provides the reader with a broad picture of health care policy, beginning with an historical overview and progressing to current developments. The remaining eight chapters discuss health care cost-containment regulation; interest groups and the political economy of regulation; reform of the individual income tax; determinants of rising health care costs; demand, supply, and information in health care; supply responses to market and regulatory forces, changes in certificate-of-need laws; and factors affecting the adoption of prospective reimbursement programs by state governments.

Mooney, Gavin H. ECONOMICS, MEDICINE, AND HEALTH CARE. 2nd ed. Lanham (MD): Barnes & Noble Books; 1992.

Written from a British perspective, this book takes as its starting point, "In the beginning, middle and end was, is, and will be scarcity of resources.' This is the essence of economics but unfortunately not, at least not sufficiently, of the science of medicine." In addition to a description of the National Health Service and comparisons with other health systems, chapters include discussions of health care as a commodity, the measurement of health status, and economic implications of medical ethics, demand and need for health care, and equity in the supply of health care.

Nackel, John G., et al. COST MANAGEMENT FOR HOSPITALS. Rockville (MD): Aspen Publishers; 1987.

The approach taken in this book is that hospitals find themselves in a "new business environment of health care," so that cost management becomes imperative for survival. The first section of the book

examines the concept of cost management; the second and third sections explain how to develop a hospital cost management system and use the information derived from such a system.

Neumann, Bruce R., et al. FINANCIAL MANAGEMENT: CONCEPTS AND APPLICATIONS FOR HEALTH CARE PROVIDERS. 2nd ed. Owings Mills (MD): National Health Publishing; 1988.

This text, suitable for graduate health care administration programs or continuing education programs for health administrators, is divided into three broad sections: financial accounting, managerial accounting, and financial management. The approach is problem-based throughout. Each chapter includes questions and problems.

Oberg, Charles N.; Polich, Cynthia Longseth. MEDICAID - ENTERING THE THIRD DECADE: ENROLLMENT IN HMOs AND ALTERNATIVE HEALTH SYSTEMS. Excelsior (MN): InterStudy; 1986.

"This report explores the significant changes which have been instituted since the inception of Medicaid. It examines the relationship between Medicaid and poverty and discusses the balancing of resources between low-income families and our aging population." It examines attempts to contain costs while delivering comprehensive and quality services, and concludes with a summary of findings and recommendations.

Phelps, Charles E. HEALTH ECONOMICS. New York: HarperCollins Publishers; 1992.

This text is aimed at undergraduate and graduate students in business, public health, social sciences, and health policy. Chapters survey economic problems associated with the demand for medical care, physicians in the marketplace, hospitals as suppliers of medical care, health insurance, government regulation, medical malpractice, and international comparisons of health care systems.

PROVIDING UNIVERSAL AND AFFORDABLE HEALTH CARE. Washington: Institute of Medicine; 1989.

Based on a series of lectures at the Institute of Medicine focusing on "the critical issue of improving access, and what roles the federal, state, and private sectors could play in extending the scope of coverage for our nation's uninsured and underinsured."

Ricardo-Campbell, Rita. BUSINESS, HEALTH CARE COSTS, AND COMPETITION. Stanford (CA): Stanford University, Hoover Institution; 1991.

This publication "briefly describes the U.S. health care system, international comparisons of cost data, a summary of the yet-to-be-implemented 1989 federal legislation governing medicare reimbursement of physicians, retiree health benefit concerns, options for business that include information and managed care, and a brief description and analysis of some current policy proposals."

Rosko, Michael D.; Broyles, Robert W. THE ECONOMICS OF HEALTH CARE: A REFERENCE HANDBOOK. New York: Greenwood Press; 1988.

"This book is designed to supplement texts that are used by those who are responsible for courses in health economics...[and] as a source of recent references that are of value to researchers and policy analysts." The text is divided into four parts consisting of an introduction/overview; two chapters dealing with demand-side analysis; seven chapters covering supply-side analysis including analysis of behavioral models of health care groups, hospital output measures, patient classification systems, production and cost function analyses, physician supply and geographic distribution; and finally, three chapters discussing cost-containment strategies. The text is well-supported with figures and tables. Includes a list of abbreviations, name index, and subject index. This title "enhances the administrator's understanding of economic forces that are external to the health institution but influence internal operations."

Sorkin, Alan L. HEALTH CARE AND THE CHANGING ECONOMIC ENVIRONMENT. Lexington (MA): Lexington Books; 1986.

The changes Sorkin identifies are cutbacks in Federal health care programs and competition between health providers. He examines health care expenditures, health manpower, Medicare, hospital economics, Medicaid, and health maintenance organizations in light of these changes. A final chapter deals with recent changes in the delivery of health care. Statistical information is provided in most chapters.

Steinwald, Bruce. MEDICARE PHYSICIAN PAYMENT REFORM: STRATEGIC RESPONSES FOR THE MEDICAL DEVICE AND DIAGNOSTIC INDUSTRY. Washington: Health Industry Manufacturers Association; 1990.

This report "identifies potential consequences of physician payment reform for both physicians and manufacturers." Chapters 2 and 3 provide good overviews of the current Medicare physician payment system and Medicare physician payment reform measures.

U.S. Congress. Congressional Budget Office. RISING HEALTH CARE COSTS: CAUSES, IMPLICATIONS, AND STRATEGIES. Washington: U.S. Government Printing Office; 1991.

This publication "describes the characteristics of the health care sector--including the market for health insurance and the market for health services--that affect the level and rate of increase of health spending. It also examines various cost containment strategies and the extent to which they have been effective." Appendices discuss the composition of national health expenditures, trends in spending by payer and type of service, reasons for lack of health insurance, and health services in other countries.

van Doorslaer, Eddy K.A. HEALTH, KNOWLEDGE, AND THE DEMAND FOR MEDICAL CARE: AN ECONOMETRIC ANALYSIS. Assen (Netherlands): Van Gorcum; 1987.

An examination of "whether, how and to what extent an individual's knowledge affects his or her decisions with respect to health behaviour in general and the use of medical care in particular." The first part focuses on the relationship between consumer information and the demand for medical care, while the second part concentrates on the relationship between an individual's health and education level. Includes bibliographies.

## ***Bibliographies***

ANNOTATED BIBLIOGRAPHY OF THE NATIONAL HEALTH CARE EXPENDITURES STUDY. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment; 1987.

Summarizes studies conducted as part of the National Health Care Expenditures Study. Examines how Americans use health care services, and patterns of health expenditures and insurance coverage.

Blades, C.A., compiler. THE INTERNATIONAL BIBLIOGRAPHY OF HEALTH ECONOMICS: A COMPREHENSIVE ANNOTATED GUIDE TO ENGLISH LANGUAGE SOURCES SINCE 1914. Brighton (England): Wheatsheaf Books; 1986.

A classified listing of all English-language works on the economics of health problems published between 1914 and 1982.

CONTROL OF HEALTH CARE COSTS. Springfield (VA): National Technical Information Service; 1989.

Contains 383 citations concerning cost containment strategies in hospitals, long term care facilities, and ambulatory care programs.

Dillard, Carole D.; Raskin, Ira E.; Beard, D.L., compilers. HEALTH ECONOMICS RESEARCH: AN ANNOTATED BIBLIOGRAPHY. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment; 1987.

Lists articles dealing with health economics that are based on health services research supported by the National Center for Health Services Research. Topics include: alternative delivery systems, hospital economics, income and health, insurance/financing, long-term care, practice patterns and productivity, and technology assessment.

General Accounting Office. HEALTH INSURANCE, BIBLIOGRAPHY OF STUDIES ON HEALTH BENEFITS FOR THE UNINSURED: FACT SHEET FOR THE CHAIRMAN, COMMITTEE ON FINANCE, U.S. SENATE. Washington: General Accounting Office; 1989.

An annotated bibliography of 62 citations concerning health benefits for the uninsured.

HEALTH CARE COSTS: HEALTH CARE FACILITIES. Springfield (VA): National Technical Information Service; 1990.

A bibliography on many aspects of health care costs. Topics covered



include construction, operating, and manpower costs; financial management; cost effectiveness; health insurance; and cost benefit analyses of health care facilities.

HEALTH MAINTENANCE ORGANIZATIONS AND HEALTH CARE COSTS. Springfield (VA): National Technical Information Service; 1987.

Contains 115 citations on health maintenance organizations and their financial management.

Milburn, L.T. Medical indigency: annotated bibliography of recent research and policy documents. NURSING ECONOMICS 1986 Nov-Dec;4(6):289-98, 304.

Details four topics: status of medical indigency in the United States, characteristics of the medically indigent, Federal and state response to medical indigency, and issues in the delivery of health-care services to the medically indigent.

MEDICARE AND MEDICAID MANUALS, GUIDES, AND GUIDELINES. Springfield (VA): National Technical Information Service; 1989.

Contains 267 citations concerning manuals, guides, and guidelines issued by Medicare and Medicaid health insurance programs.

PREVENTIVE MEDICINE: COSTS. Springfield (VA): National Technical Information Service; 1988.

A list of 231 citations on cost effectiveness, analysis, and impact of preventive medicine.

## **Health Manpower and Professional Education**

*Monographs and bibliographies related to health manpower and professional education include health manpower supply and distribution, health manpower behavioral patterns, and health manpower educational requirements.*

American Medical Association. Department of Health Systems Research. Center for Health Services Research and Development. CHARACTERISTICS OF PHYSICIANS. Hyattsville (MD): U.S. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower; 1975- .

This series contains a volume for each state. Each volume consists mainly of tables which provide information on physicians by specialty, activity, age, board certification, and sex.

Bergwall, David F. EDUCATIONAL NEEDS OF FUTURE MANAGERS OF THE HEALTH CARE SYSTEM. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions; 1985.

A study of the "perceptions of academics and practitioners regarding the knowledge, skills and attitudes required of health administrators."

BIOMEDICAL AND BEHAVIORAL RESEARCH SCIENTISTS: THEIR TRAINING AND SUPPLY. Washington: National Academy Press; 1989.

This report, the ninth in a series, was prepared by the Committee on Biomedical and Research Personnel, Office of Scientific and Engineering Personnel, National Research Council, in collaboration with the Institute of Medicine. It examines the role and effectiveness of training programs of the National Research Service Awards Act and the current and future market for biomedical and behavioral scientists. Volume 2 of the three volumes contains statistical tables.

Drabek, John; Spratley, Ernell. PROJECTIONS OF PHYSICIAN SUPPLY IN THE U.S. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Office of Data Analysis and Management; 1985.

Tables show projected supply of physicians in 1990 and 2000. Also includes discussion of methodology and assumptions for the projections. Data were provided by the American Medical Association and the American Osteopathic Association. Tables also cover specialties and geographical distribution.

Hanson, Robert L., ed. MANAGEMENT SYSTEMS FOR NURSING SERVICE STAFFING. Rockville (MD): Aspen Systems Corp.; 1983.

An anthology of articles on many aspects of staffing. The first section of the book examines nurse staffing in the context of the entire organization of which it is a part. Subsequent sections discuss the quantification of staffing needs, the practical aspects of day-to-day staffing, information systems as they apply to staffing, and recruitment and retention of nurses. A final section discusses trends and future directions.

Institute of Medicine. Committee to Study the Role of Allied Health Personnel. ALLIED HEALTH SERVICES: AVOIDING CRISES. Washington: National Academy Press; 1989.

"This report is the result of an 18-month study by the Committee to Study the Role of Allied Health Personnel of the Institute of Medicine to explore policy issues that surround the roles of allied health personnel." It defines "allied health," examines the supply and demand for personnel in ten allied health fields, and makes recommendations for educational policy and licensure and other means for regulating allied health personnel.

LICENSED TO CARE, AN EXECUTIVE REPORT ON THE NEW NURSE. New York: National League for Nursing, Division of Research; 1990.

Nine regional reports on the demographic, employment, and educational characteristics of newly licensed registered nurses. Each report contains an executive summary, tables, and graphs.

McKibbin, Richard C. THE NURSING SHORTAGE AND THE 1990s: REALITIES AND REMEDIES. Kansas City (MO): American Nurses Association; 1990.

"Beginning with a base in economic theory, *The Nursing Shortage and the 1990s: Realities and Remedies* describes the nature of the current shortage, the characteristics of the nation's nurse population, the realities of the shortage in hospitals and other health care settings in which nurses work, and recent developments in nursing education that relate to the shortage. Finally, it considers possible remedies for the shortage--some of which are currently being utilized and others that appear to warrant implementation." Includes graphs and charts.

THE MEDICAL SCHOOL'S MISSION AND THE POPULATION'S HEALTH: MEDICAL EDUCATION IN CANADA, THE UNITED KINGDOM, THE UNITED STATES, AND AUSTRALIA. Proceedings of a conference; 1990 Dec 9-12; Turnberry Isle, Florida. New York: Springer-Verlag; 1992. Sponsored by the Royal Society of

Medicine Foundation, Inc. and the Josiah Macy Jr. Foundation.

This volume focuses on the responsibility of medical schools for understanding and meeting the health care needs of a defined "population" or "community." Individual papers include *The Social Contract and the Medical School's Responsibilities*, *Measuring the Burden of Illness in General Populations*, and *Essential Competencies for Undergraduate and Postgraduate Medical Students*. The book concludes with a series of recommendations for implementing population-based studies in medical schools.

Metzger, Norman, ed. HANDBOOK OF HEALTH CARE HUMAN RESOURCES MANAGEMENT. 2nd ed. Rockville (MD): Aspen Publishers; 1990.

This book is a "compilation of articles in the field of human resources management, benefits administration, and labor relations." The first section, on human resources management, includes articles on strategic planning, motivation, productivity, performance appraisal, and compensation. The second section, on employee benefits, covers changes in tax laws, health insurance, retirement plans, and workmen's compensation. The third section, on labor relations, deals with unions in health care settings, contract negotiations, discipline and grievances.

National League for Nursing. Division of Research. NURSING DATASOURCE. New York: National League for Nursing Press; 1990- .

Annual publication of information derived from the National League for Nursing's Annual Survey of Nursing Education Programs. The 1991 edition consists of three volumes: *Volume 1, Trends in Contemporary Nursing Education*; *Volume 2, Focus on Practical/Vocational Nursing*, and *Volume 3, Leaders in the Making: Graduate Education in Nursing*. Each volume contains an executive summary, graphs, and tables.

Ridderikhoff, J. METHODS IN MEDICINE: A DESCRIPTIVE STUDY OF PHYSICIANS' BEHAVIOUR. Dordrecht (Netherlands): Kluwer; 1989.

This book examines the background of clinical decision-making and includes material on ways of reasoning, human cognition, and problem-solving. The second part consists of results of a set of experimental observations on such decision-making by physicians.

Waltz, Carolyn Feher; Strickland, Ora. MEASUREMENT OF NURSING OUTCOMES. New York: Springer; 1988.

"The major purpose of this publication...is to disseminate information

about the measurement of clinical and educational nursing outcomes. More specifically, these volumes include nursing measurement tools, comprehensive measurement protocols for the tools, presentation of results in testing the tools (including reliability and validity assessment), discussion of results, and conclusions (including the utility of the instruments for measuring outcomes of nursing education and practice.)" The first volume is entitled *Measuring Client Outcomes*; the second, *Measuring Nursing Performance: Practice, Education, and Research*.

## **Bibliographies**

BIBLIOGRAPHIC LISTING OF RURAL HEALTH PROFESSIONS EDUCATIONAL STRATEGIES. Kansas City (MO): National Rural Health Association; 1990.

Listings of monographs, journal articles, theses, and ongoing research projects on education for rural health practitioners and rural health manpower.

BUREAU OF HEALTH PROFESSIONS AREA RESOURCE FILE (ARF): A LISTING OF HEALTH DATA AVAILABLE ON DISKETTES. Springfield (VA): National Technical Information Service; 1988.

Contains 318 citations concerning the Bureau of Health Professions Area Resource File, a county unit database summarizing health resources information from many sources.

Clare, F. Lawrence, et al, compilers. A BIBLIOGRAPHY ON THE EDUCATION OF PHYSICIANS FOR PRIMARY CARE. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Medicine; 1985.

Approximately 1,000 selected references dealing with the related areas of education, physicians, and primary care.

Clare, F. Lawrence, compiler. A BIBLIOGRAPHY ON FINANCING THE EDUCATION OF PHYSICIANS FOR PRIMARY CARE. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Medicine; 1985.

A list of articles in five areas: primary care, costs and financing in educational settings, ambulatory care costs and financing, medical practice plans, and third parties and reimbursement.

NURSES. Springfield (VA): National Technical Information Service; 1991.

Contains 187 citations concerning "studies on manpower distribution, human resources, and the projected staffing needs of the nursing profession."

Physician supply in the United States 1980-1988. A select bibliography commissioned for the Task Force on Physician Supply of the Association of American Medical Colleges. *ACADEMIC MEDICINE* 1990 Jun;65(6 Suppl):S1-62.

Includes sections on foreign medical graduates, biomedical scientists, physician performance and quality assurance, minorities and women in medicine, graduate medical education, and reports by state on physician manpower.

PHYSICIANS: GEOGRAPHICAL DISTRIBUTION. Springfield (VA): National Technical Information Service; 1987.

Contains 189 citations on geographical distribution of physicians in the United States, including citations on distribution by specialty and practice settings.

PHYSICIANS: MANPOWER SUPPLY, NEEDS, AND DEMAND. Springfield (VA): National Technical Information Service; 1987.

Contains 257 citations on physician shortages, measures for determining current and future need for physician services, and physician productivity.

Weston, J.L., compiler. *ANNOTATED BIBLIOGRAPHY OF AHCPR RESEARCH ON NONPHYSICIAN PRIMARY CARE PROVIDERS 1969-1989*. Rockville (MD): U.S. Department of Health And Human Services, Public Health Service, Agency for Health Care Policy and Research; 1990.

"This bibliography provides reference citations and brief descriptions of publications resulting from research on various aspects of programs designed to provide primary care to individuals in rural areas using either physician assistants or nurse practitioners. Approximately 20 years of research funded by NCHSR [the National Center for Health Services Research and Development] is covered."

## **Health Facilities and Services: Organization and Administration**

*Monographs and bibliographies related to health facilities and services include administration and management of facilities and services, quality assurance, and alternative care delivery systems.*

Altman, Stuart H., et al., eds. **COMPETITION AND COMPASSION: CONFLICTING ROLES FOR PUBLIC HOSPITALS**. Ann Arbor (MI): Health Administration Press; 1989.

This book presents the results of a study of urban public hospitals. The methodology consisted of case studies of systems in four major cities and an analysis of hospital systems in the nation's largest 100 cities. Criteria for assessing the performance of public hospitals are identified, as well as policy options relating to governance, finances, teaching role, and market position. The final chapter presents conclusions and recommendations.

Couch, James B., ed. **HEALTH CARE QUALITY MANAGEMENT FOR THE 21ST CENTURY**. Tampa (FL): American College of Physician Executives; Venice (FL): American College of Medical Quality; 1991.

Quality management, "the managerial systems and processes through which health care is supplied," is the emphasis of this collection of essays. The first part of the volume presents background essays on the importance of quality in the debate on national health policy and places medical quality management systems in perspective. Part two, on environmental forces affecting medical quality management, features chapters on ambulatory care, the impact of liability litigation, and the era of medical care value purchasing and the role of physician executives. Part three, *Standards in Medical Care*, discusses clinical practice policies, appropriateness of acute medical care for the elderly, and hospital quality assessment. Sections on medical decision-making support systems, specific projects, and projections for the future are also included.

Flood, Ann Barry; Scott, W. Richard, et al. **HOSPITAL STRUCTURE AND PERFORMANCE**. Baltimore (MD): Johns Hopkins University Press; 1987.

This title, one in the *Johns Hopkins Series in Contemporary Medicine and Public Health*, brings together the results of a research program which examined the relationship between hospital structure and performance. The study lasted more than

10 years and was based on three interrelated databases. An overview of the research program is given in the introduction. The book is divided into four sections: *Hospital Structure; Defining and Measuring Hospital Performance; Effects of Surgeons and Surgical Staff Organization on Hospital Performance; and Effects of Hospital Structures and Processes on Hospital Performance*. The authors make liberal use of tables and figures, and a 20-page bibliography following the appendixes provides additional references on the topic. The intended audience includes health services researchers (including social scientists), health policy makers, health administrators, other health professionals, and students.

Institute of Medicine. Committee on Nursing Home Regulation. IMPROVING THE QUALITY OF CARE IN NURSING HOMES. Washington: National Academy Press; 1986.

A report, with recommendations, on ways to regulate nursing homes. The Committee examines quality assurance, regulatory criteria, monitoring of nursing home performance, enforcing compliance with Federal standards, and other factors affecting the quality of care and quality of life in nursing homes. Appendixes provide a history of federal regulation of nursing homes, existing standards, a report of a survey of state health facility licensure and certification agencies, and statistical data on nursing homes and residents.

Joint Commission on Accreditation of Healthcare Organizations. THE JOINT COMMISSION GUIDE TO QUALITY ASSURANCE. Chicago: Joint Commission on Accreditation of Healthcare Organizations; 1988.

This guide "places quality in context for individual organizations and instructs health care professionals in the theory and performance of quality assurance." Chapters review the history of the interest in quality, integrating quality in a health care organization, the monitoring and evaluation process, and the effect of quality assurance on the patient, practitioner, and organization.

Liebler, Joan Gratto; Levine, Ruth Ellen; Rothman, Jeffrey. MANAGEMENT PRINCIPLES FOR HEALTH PROFESSIONALS. 2nd ed. Gaithersburg (MD): Aspen Publishers; 1992.

"This book is intended for use by health care personnel who participate in the classic functions of a manager--planning, organizing, decision making, staffing, leading or directing, communicating, and motivating--yet have not had extensive management training." Part 1 focuses on selected management functions, with appendices providing



examples of policies and procedures. Part 2 discusses organizational environment and dynamics.

Lohr, Kathleen N., ed. MEDICARE: A STRATEGY FOR QUALITY ASSURANCE. Washington: National Academy Press; 1990.

This study was commissioned by Congress and prepared by the Committee to Design a Strategy for Quality Review and Assurance in Medicare, Division of Health Care Services, Institute of Medicine. The first volume presents an overview of the concepts of quality of care, descriptions of the current Medicare program, its quality assurance efforts and problems associated with them, and recommendations for new directions. Volume 2 contains background documents.

Palmer, R. Heather; Donabedian, Avedis; Povar, Gail J. STRIVING FOR QUALITY IN HEALTH CARE: AN INQUIRY INTO POLICY AND PRACTICE. Ann Arbor (MI): Health Administration Press; 1991.

This volume is the outgrowth of a study prepared by the Institute of Medicine and consists of three sections. The first section concerns the definition of quality of care. Part 2 examines the effectiveness of quality assurance and barriers to its constructive implementation. The final section discusses ethical issues and their implications for quality assurance.

Pegels, C. Carl; Rogers, Kenneth A. STRATEGIC MANAGEMENT OF HOSPITALS AND HEALTH CARE FACILITIES. Rockville (MD): Aspen Publishers; 1988.

"The goal of this book is to assist management to deal with the numerous major and minor changes that are occurring in their respective internal and external environments. The book not only provides a structured process for strategic planning, but it also provides many techniques that can be productively utilized in the strategic planning activities of the hospital and health care service organization....Another important contribution of this book is its emphasis on inculcating in the health care manager the need to think in terms of generating and evaluating opportunities not only to remain competitive but also to grow in the face of increasing and threatening competition." This book is written for hospital/health care corporation managers, administrators, and students in the field of health care management.

QUALITY ASSURANCE IN HOME CARE AND HOSPICE ORGANIZATIONS. Oakbrook Terrace (IL): Joint Commission on Accreditation of Health Care Organizations; 1990.

This book is "the first Joint Commission publication that focuses solely on assisting home care and hospice organizations to create and successfully manage quality assurance programs that work. This publication provides practical guidance for developing, implementing, and evaluating a quality assurance program that fits the specific demands of delivering care or services to patients/clients in the home or to the terminally ill in a variety of settings."

Rowland, Howard S.; Rowland, Beatrice L., eds. HOSPITAL ADMINISTRATION HANDBOOK. Rockville (MD): Aspen Systems Corporation; 1984.

This textbook is generously supported with figures, diagrams, tables, checklists, self tests, and glossaries. The authors have covered the world of hospital administration, presenting discussions on management, organization, planning, financial management, capital formation, expenditures, construction, information management, human resources management, quality assurance and safety, and the hospital and the law.

Schulz, Rockwell; Johnson, Alton C. MANAGEMENT OF HOSPITALS AND HEALTH SERVICES: STRATEGIC ISSUES AND PERFORMANCE. 3rd ed. St. Louis (MO): C.V. Mosby Company; 1990.

This book is "aimed at students in health care management and delivery programs and health care professionals, managers, and governing board members at all levels of experience. This text differs from traditional management texts and references in its application of organization and management theory to contemporary issues in the strategic management of health services." Divided into five parts, the topics covered include hospital and health services management objectives in a rapidly changing environment; strategic management; health services organization issues; managerial functions and issues; and future challenges, strategies, and ethics.

Shortell, Stephen M.; Kaluzny, Arnold D., eds. HEALTH CARE MANAGEMENT: A TEXT IN ORGANIZATION THEORY AND BEHAVIOR. 2nd ed. New York: Wiley; 1988.

Although written primarily for graduate students in the field of health services, other health professionals "who will assume managerial responsibilities or who want to learn more about the organizations in which they will spend the major portion of their professional lives" will benefit from this textbook. Sections include organizations and managers, motivating and leading people and groups, operating the technical system, renewing the organization, and charting the future. Includes case studies, managerial guidelines, and bibliographies.

Starfield, Barbara. PRIMARY CARE: CONCEPT, EVALUATION, AND POLICY. New York: Oxford University Press; 1992.

This book traces the history and development of primary care as a concept, discusses the measurement and evaluation of the essential components of primary care, and focuses on policy issues in primary care in the United States. Its purposes are "to help practitioners of primary care to understand what they do and why, to provide a basis for the training of primary care practitioners, to stimulate research to provide a more substantive basis for improvements in primary care, and to help policymakers understand the difficulties and challenges of primary care and its importance."

Wolper, Lawrence F.; Pena, Jesus J., eds. HEALTH CARE ADMINISTRATION: PRINCIPLES AND PRACTICES. Rockville (MD): Aspen Publishers, Inc.; 1987.

This comprehensive text discusses the organization of the hospital in the first 20 chapters. Topics include the history of hospitals, health care facilities planning, management engineering, legal structure, and strategic planning and marketing of healthcare services. In the subsequent 13 chapters, the authors describe the operational aspects of the various hospital departments, as well as facilities management, corporate cost containment, and materials management. The text is supported with diagrams, charts, figures, appendixes, and worksheets.

### ***Bibliographies***

American Hospital Association Resource Center. CURRENT MANAGEMENT RESOURCES FOR HEALTH CARE PROFESSIONALS. Chicago: American Hospital Association; 1986.

An annotated list of 107 books and four periodicals on management techniques for health professionals.

American Hospital Association Resource Center. HISTORICAL PUBLICATIONS IN HEALTH ADMINISTRATION: A CATALOG. Chicago: American Hospital Association Resource Center; 1984.

A list of historical materials from this important hospital and health services administration collection.

ANNOTATED BIBLIOGRAPHY OF INTRAMURAL RESEARCH ON LONG-TERM CARE. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment, Division of Intramural Research; 1987.

Covers 31 studies conducted by the Long-term Care Studies Program and the Aging Studies Program from 1980 to 1987.

ANNOTATED BIBLIOGRAPHY OF THE HOSPITAL STUDIES PROGRAM. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment, Division of Intramural Research; 1985.

Summarizes studies from the Hospital Cost and Utilization Project, the Hospital Cost and Clinical Research Project, and the Market Area and State Data Analysis Project.

THE DEVELOPMENT AND MANAGEMENT OF AMBULATORY CARE PROGRAMS: AN ANNOTATED BIBLIOGRAPHY. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Care Delivery and Quality Assurance; Washington: U.S. Government Printing Office; 1982- .

Contains citations to publications on "health care administration, clinical care, and health promotion and disease prevention in ambulatory care settings."

DIAGNOSIS RELATED GROUPS. Springfield (VA): National Technical Information Service; 1990.

Contains 120 citations on the grouping system and its impact on patient care, hospital staffing and utilization, and use of new health technologies.

Health care administration: a core collection. HOSPITAL AND HEALTH SERVICES ADMINISTRATION 1989 Winter;34(4):559-76.

Core list compiled by the staff of the American Hospital Association Resource Center. Includes 147 books and 87 journals.

HEALTH MAINTENANCE ORGANIZATIONS. Springfield (VA): National Technical Information Service; 1990.

Contains 160 citations on organization, administration, and evaluation of health maintenance organizations.

HOSPITAL AND HEALTH CARE MARKETING. Springfield (VA): National Technical Information Service; 1988.

A bibliography of 349 citations on marketing of hospital and health

care services.

Kelly, Joyce V.; Keyes, Michelle M., compilers. MEDICAL PRACTICE PATTERNS, PATIENT OUTCOMES, AND QUALITY OF CARE ASSESSMENT: A SELECTED ANNOTATED BIBLIOGRAPHY. Washington: Association of American Medical Colleges; 1989.

Contains citations to 77 recently published journal articles on geographic variations in medical practice patterns, defining appropriate care for specific disease conditions, outcomes assessment, using administrative data to measure patient outcomes, and assessing and improving quality of care.

Kiger, A.F. A guide to key journals in the field of health services administration. JOURNAL OF HEALTH ADMINISTRATION EDUCATION 1985 Winter;3(1):99-110.

A guide to prominent journals in health administration.

Kitson, Alison L.; Harvey, Gill, compilers. BIBLIOGRAPHY OF NURSING QUALITY ASSURANCE AND STANDARDS OF CARE, 1932-1987. London: Scutari Press; 1991.

Annotated listing of 479 articles. Sections on theory and background issues, philosophical aspects of nursing and quality, quality assurance measures available to nurses, and relationship of quality of care to nursing manpower studies.

LONG TERM CARE: HOME HEALTH SERVICES. Springfield (VA): National Technical Information Service; 1990.

Contains 251 citations on non-institutional care of the aged, disabled, or convalescent.

Montague, J.; Montague, S.; Capparelli, E. compilers. PRIMARY HEALTH CARE BIBLIOGRAPHY AND RESOURCE DIRECTORY. Washington: American Public Health Association; 1982.

An annotated bibliography on primary health care activities and programs in both developed and developing countries.

Weston, J.L.; Rose, L.R.; Beard, D.L., compilers. ANNOTATED BIBLIOGRAPHY OF PRIMARY CARE RESEARCH. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment; 1987.

Includes sections on provider studies, technology assessment, health promotion and disease prevention, health status, organization, costs of care, health needs, access to care, patient-provider communication, and patient compliance.

## Health Technology, Equipment, and Drugs

*Monographs and bibliographies related to health technology, equipment, and drugs include biotechnology, medical devices, drug development, and technology assessment.*

AHFS DRUG INFORMATION. Bethesda (MD): American Society of Hospital Pharmacists; 1989- .

"A collection of drug monographs on virtually every single-drug entity available in the United States." Arrangement is by 30 broad classes of drugs according to pharmacologic-therapeutic classification (e.g., anti-infective agents); these may be further subdivided by type (e.g., penicillins.) Entries provide detailed information on chemistry and stability, pharmacology, pharmacokinetics, cautions, acute and chronic toxicity, drug interactions and laboratory test interferences, dosage and administration, and preparations. General monographs on broader classes of drugs precede individual entries. Index includes generic and brand names.

American Association for the Advancement of Science. GUIDE TO BIOTECHNOLOGY PRODUCTS AND INSTRUMENTS. Washington: The American Association for the Advancement of Science; 1986- .

Formerly entitled *Guide to Scientific Instruments*, this supplement to the journal *Science* is issued annually. It lists products and companies in 22 areas as diverse as computers and antibodies. An alphabetical list of manufacturers' addresses is included, as well as an index to products.

Blum, Richard H., et al., eds. PHARMACEUTICALS AND HEALTH POLICY: INTERNATIONAL PERSPECTIVES ON PROVISION AND CONTROL OF MEDICINES. London: Croom Helm; 1981.

The authors and contributors to this volume represent an international mix of experts with varied experiences in the health specialties. Their common belief is that "improved health care depends on improvements in the provision of medicines...that policies and practices must conform to local situations (whether national or regional)..." and "...that a necessary approach to medicines provision, which is both health-stimulating and economically sensible, is an international affair." Chapters describe interested parties, introduction of new drugs, drug promotion, education, individual use, provision to less developed countries, role of international organizations, and policies on drugs.

Ekelman, Karen B., ed. *NEW MEDICAL DEVICES: INVENTION, DEVELOPMENT, AND USE*. Washington: National Academy Press; 1988.

This book is based on a symposium sponsored by the National Academy of Engineering and the Institute of Medicine. Its essays are wide-ranging, including accounts of inventions of medical devices, financial support for and product liability of medical devices, and discussions of trends in medical device developments as seen by hospitals, industry, physicians and government.

Gay, James R.; Jacobs, Barbara J. Sax, eds. *THE TECHNOLOGY EXPLOSION IN MEDICAL SCIENCE: IMPLICATIONS FOR THE HEALTH CARE INDUSTRY AND THE PUBLIC (1981-2001)*. New York: SP Medical and Scientific Books; 1983.

The papers in this volume examine the implications of health technology. An introductory essay by Dr. Theodore Cooper provides an overview of the status of medical care in this country. Dr. Robert Moser contributes an interesting paper about the "intellectual imperative" driving the advance of medical discoveries. Other topics discussed are the economic impact of technology as seen by physicians and insurers, the cost-effectiveness of high technology, its monitoring and regulation, and its allocation.

Gelijns, Annetine C.; Halm, Ethan A., eds. *THE CHANGING ECONOMICS OF MEDICAL TECHNOLOGY*. Washington: National Academy Press; 1991.

This volume contains papers presented at a conference held by the Committee on Technological Innovation in Medicine and sponsored by the Howard Hughes Medical Institute and the Agency for Health Care Policy and Research. Individual papers discuss the diffusion of new technology, the changing economics of pharmaceutical research, case studies of individual innovative technologies, and comparisons of policies influencing innovative technologies in other countries.

Jennett, Bryan. *HIGH TECHNOLOGY MEDICINE: BENEFITS AND BURDENS*. New York: Oxford University Press; 1986.

"...by the early 1980's it was becoming obvious on both sides of the Atlantic that the benefits that high technology promises, of postponing death or reducing disability, sometimes exact too high a price.... Balancing the benefits and burdens of medical technology ranges from allocating resources between different kinds of patient to matching individual patients with specific technologies." So writes Dr. Jennett, a neurosurgeon and co-originator of the term "vegetative state." In this book he compares the use of high technology medicine in North America and the United Kingdom and makes predictions about the use



of technology in the future.

Kanouse, David E., et al. CHANGING MEDICAL PRACTICE THROUGH TECHNOLOGY ASSESSMENT: EVALUATION OF THE NIH CONSENSUS DEVELOPMENT PROGRAM. Washington: Association for Health Services Research; Ann Arbor (MI): Health Administration Press; 1989.

"This report presents the major findings from Rand's evaluation of the National Institutes of Health (NIH) Consensus Development Program, a technology assessment and dissemination program aimed at facilitating the timely translation of biomedical research into knowledge that can improve the practice of medicine and public health. The evaluation, sponsored by NIH's Office of Medical Applications of Research, examines the success of NIH's dissemination activities and the effects that NIH consensus conferences have had on physicians' knowledge, attitudes, and practices."

Roth, Julius A.; Ruzek, Sheryl Burt, eds. THE ADOPTION AND SOCIAL CONSEQUENCES OF MEDICAL TECHNOLOGIES. Greenwich (CT): JAI Press; 1986.

In their introduction, the editors state that "we believe that these papers highlight the need for a more critical assessment of technologies before they are widely disseminated." The papers in this volume deal with specific medical technologies such as CAT scanners, hemodialysis, and diethylstilbestrol administration, as well as general issues such as medical technology policy and the adoption of technologies by hospitals.

Southby, Richard McK. F.; Greenberg, Warren; Luce, Bryan, eds. HEALTH CARE TECHNOLOGY UNDER FINANCIAL CONSTRAINTS. Columbus (OH): Battelle Press; 1985.

The papers in this symposium were originally presented at the second Harold and Jane Hirsh Symposium at George Washington University. They assess the impact of new technologies "not only from a clinical viewpoint but also from social, economic, and political perspectives." Health care technologies and their economic impact are examined from the viewpoint of government agencies, industry, and health care institutions.

### ***Bibliographies***

Chalmers, T.C., et al. Selection and evaluation of empirical research in technology assessment. INTERNATIONAL JOURNAL OF TECHNOLOGY ASSESSMENT IN HEALTH CARE 1989;5(4):521-36.

A guide to locating clinical trials and empirical research in technology assessment.

Fox, Ann Carbery; Klein, Lori; Meikle, Teresa, compilers. HOSPITAL TECHNOLOGY ASSESSMENT. Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Reference Section; Washington: U.S. Government Printing Office; 1991.

Contains 784 citations from 1984 to 1990, with emphasis on hospital management of high-cost technologies and procedures.

Harris, W.L. Jr.; Mellott, P.J. Home health-care bibliography. AMERICAN JOURNAL OF HOSPITAL PHARMACY 1986 Mar;43(3):699-704.

Annotated bibliography covering topics such as home health-care program planning and marketing, legal aspects of home health-care services, reimbursement for home health-care services, trends in home health care, and specific types of home care programs.

Leenders, J.; Marke, L.A. An annotated bibliography on home care technologies. INTERNATIONAL JOURNAL OF TECHNOLOGY ASSESSMENT IN HEALTH CARE 1985;1(2):371-93.

Includes sections on economic aspects of home care, home care for end-stage renal disease, home parenteral nutrition, home care for respiratory disease, hospice care, population characteristics of home care, and health service users.

Rocheleau, K.D. Technology and aging: a bibliography. FRONTIERS IN AGING SERIES 1988;6:284-93.

Bibliography on the development of technology useful for overcoming or alleviating handicapping conditions associated with aging.

## Research Methods

*Monographs and bibliographies on research methodologies including clinical investigation, epidemiological investigation, quality assurance, and statistical methods.*

Abramson, J.H. MAKING SENSE OF DATA: A SELF-INSTRUCTION MANUAL ON THE INTERPRETATION OF EPIDEMIOLOGICAL DATA. New York: Oxford University Press; 1988.

"The purpose of this book is to provide readers with basic epidemiological concepts and skill that will help them appraise published reports as well as their own findings." Exercises are based on applications in clinical medicine, public health, community medicine, and research.

Abramson, J.H. SURVEY METHODS IN COMMUNITY MEDICINE. 4th ed. New York: Churchill Livingstone; 1990.

The purpose of this book is to provide information on design, conduct, and analysis of studies concerning community medicine. It is aimed at physicians and other health care providers who are planning investigations of groups by: health surveys, prospective studies, comparison of cases and controls, prophylactic and therapeutic trials, studies of the use of medical services, and other epidemiological and evaluative research. This book looks at "the community as the patient and suggests ways to appraise its health needs and suggests programs to meet these needs."

Bailey, Diane M. RESEARCH FOR THE HEALTH PROFESSIONAL: A PRACTICAL GUIDE. Philadelphia: F.A. Davis; 1991.

The purpose of this book is to provide the student or clinician conducting research a brief and simple overview of the research process by leading them on a step-by-step sequence through each stage of the research process. Worksheets are provided at the end of each chapter. "The author provides the worksheets as hands on working tools to the 10 step research process." The book contains extensive appendixes of sample collection tools and publishing hints.

Bland, Martin. AN INTRODUCTION TO MEDICAL STATISTICS. New York: Oxford University Press; 1987.

"This is a textbook of statistics for medical students, doctors, medical researchers, and others concerned with medical data.... The material covered includes all the statistical work that would be required for a

course in medicine and for the examinations of most of the royal colleges. It includes the design of clinical trials and epidemiological studies, data collection, summarizing and presenting data, probability, the Binomial, Normal, Poisson,  $t$  and Chi-squared Distributions, standard errors, confidence intervals, tests of significance, large sample and small sample comparisons of means, the use of transformations, regression and correlation, methods based on ranks, contingency tables, measurement error, reference ranges, mortality data, vital statistics and the choice of statistical method."

Burnarad, Philip; Morrison, Paul. NURSING RESEARCH IN ACTION: DEVELOPING BASIC SKILLS. London: Macmillan Education, Ltd.; 1990.

The intention of this book is to provide a structured approach to research for nurses. The book aims to make nursing research possible for those who are just setting out. It is structured with a series of exercises as a guide on how to conduct a research project and can be adapted to a variety of health care settings. References and recommended books and articles are listed throughout the book as a supplement to the text.

Daniel, Wayne W. BIostatistics, A FOUNDATION FOR ANALYSIS IN THE HEALTH SCIENCES. 5th ed. New York: Wiley; 1991.

This book was written for "the advanced undergraduate and beginning graduate student and the health professional in need of a reference book on statistical methodology." A basic proficiency in algebra will be helpful for the reader of this text, as the emphasis is "on an intuitive understanding of principles rather than an understanding based on mathematical sophistication." This edition places new emphasis on computer applications.

DeFries, Gordon H.; Ricketts, Thomas C.; Stein, Jane S. METHODOLOGICAL ADVANCES IN HEALTH SERVICES RESEARCH. Ann Arbor (MI): Health Administration Press; 1989.

This volume is intended as an overview of examples illustrating the wide variety of methodological approaches currently being taken within the field of health services research to the study and understanding of fundamental health care issues and problems. All of the chapters in this volume were originally published as articles in *Health Services Research* (see entry in the *Journals* chapter). Includes sections on descriptive data analysis, modeling health care use and system performance, modeling clinical decision making, health care program evaluation, and a case study of the research process. Includes bibliographies.

Eddy, David M.; Hasselblad, Vic; Shachter, Ross. META-ANALYSIS BY THE CONFIDENCE PROFILE METHOD: THE STATISTICAL SYNTHESIS OF EVIDENCE. Boston: Academic Press, Inc.; 1992.

"This book describes a new set of meta-analytic methods known collectively as the Confidence Profile Method." This book consists of five parts. Part one introduces 13 specific problems faced by anyone who attempts to analyze evidence. Part two addresses the formulation of the analytic problem. Part three presents the mathematics of the Confidence Profile Method. Part four takes the 13 problems recognized in part one and applies the methods in part three to solve them, and Part five discusses issues that arise in applications. Computer software accompanies the book.

Gelijns, Annetine C. MODERN METHODS OF CLINICAL INVESTIGATION. Washington: National Academy Press; 1990.

"This volume summarizes the first of a series of Institute of Medicine workshops whose intent is to critically examine the process by which biomedical research is translated into actual benefits in medical practice." This title is volume one in the series *Medical Innovation at the Crossroads*.

Hill, Auston Bradford, Sir; Hill, I.D. BRADFORD HILL'S PRINCIPLES OF MEDICAL STATISTICS. 12th ed. London: Arnold; 1991.

The preface to this classic text states "This is not a textbook of statistical methods, and never has been--it is a text book of *medical* statistics, that is the use of statistics and statistical methods applicable to medicine." In addition to chapters on standard statistical methods, individual chapters include discussions of standardized death rates and indices, life tables and survival after treatment, measures of morbidity, and clinical trials.

Joint Commission on Accreditation of Healthcare Organizations. JOINT COMMISSION PRIMER ON INDICATOR DEVELOPMENT AND APPLICATION: MEASURING QUALITY IN HEALTH CARE. Oakbrook Terrace (IL): The Commission; 1990.

Larson, James S. THE MEASUREMENT OF HEALTH; CONCEPTS AND INDICATORS. New York: Greenwood Press; 1991.

"This book is devoted to the task of discussing concepts and indicators in health measurement. It is intended not to provide definitive answers concerning health measurement but to lay the groundwork for

future research into the health status of populations and individuals. It is meant to aid researchers and academics in studying the topic of health measurement." Chapters focus on the measurement of mortality, of morbidity and disability, of international health, national health, and state and local health.

Longo, Daniel R.; Bohr, Deborah, eds. QUANTITATIVE METHODS IN QUALITY MANAGEMENT. Chicago: American Hospital Publishing, Inc.; 1990.

The aim of the authors is to provide "an aid in understanding the application of basic quantitative methods to quality management." This book is divided into five sections: the application of quantitative methods to quality measurements, statistical tests for comparing provider performances, an overview of peer review activities, a program learning guide to basic statistical concepts, and specific case illustrations of the concepts.

Luft, Harold S., et al. HOSPITAL VOLUME, PHYSICIAN VOLUME, AND PATIENT OUTCOMES: ASSESSING THE EVIDENCE. Ann Arbor (MI): Health Administration Press Perspectives; 1990.

"This book provides a critical overview of the research on the volume-outcome relationship" and offers "an examination of peer-reviewed literature and a discussion of both consistent and inconsistent results across studies and procedures and diagnoses....In addition to exploring the evidence behind the volume-outcome relationship, this book illustrates the role of research methods in shaping our understanding of an empirical relationship." The focus is on "how to interpret and digest empirical research" and not on "statistics or quantitative techniques."

Lwanga, S.K.; Lemeshow, S. SAMPLE SIZE DETERMINATION IN HEALTH STUDIES: A PRACTICAL MANUAL. Geneva (Switzerland): World Health Organization; 1991.

In designing a health study its objectives must be clearly defined before a sample size can be determined. "This manual is intended to be a practical guide to determining sample size. It presents a variety of situations in which sample size can effect the outcome of the study, including studies of population proportions; odds ratios; and relative risk and incidents rates." A glossary and tables of minimum sample size are included.

MEASURING MEDICAL PRACTICE: STATISTICS FOR THE PHYSICIAN. Chicago: American Medical Association, Division of Health Policy and Program Evaluation; 1987.

This booklet presents an overview of statistical methods relevant to the practice of clinical medicine. Introductory material is provided on different types of statistical measures, as well as sections on assessing statistical data. A chapter on *Statistics and Health Policy Issues* gives examples of the use of statistics in hospital mortality data, utilization review, and utilization of health services. Includes glossary, bibliography, and statistical appendixes.

Munro, Barbara Hazard; Visintainer, Madelon A.; Page, Ellis Batten. STATISTICAL METHODS FOR HEALTH CARE RESEARCH. Philadelphia: Lippincott; 1986.

The purpose of this book is "to acquaint the reader with the statistical techniques most commonly reported in the research literature of the health professions." Includes sections on understanding data, analyzing relationships, analyzing differences among groups, and extensions of correlational techniques. Also includes exercises and bibliography.

Polit, Denise F.; Hungler, Bernadette P., eds. NURSING RESEARCH: PRINCIPLES AND METHODS. 4th ed. Philadelphia: J.B. Lippincott Co.; 1991.

This textbook covers research methods for nurses. It is divided into six sections covering the rationale of the research process and terminology, steps of a research project, research design issues, major techniques in the collection of data, preparation of data for analysis, and communication and writing about the research. Contains an extensive glossary of research related terms.

Rao, C.R.; Chakraborty, R., STATISTICAL METHODS IN BIOLOGICAL AND MEDICAL SCIENCES. Amsterdam (Netherlands): Elsevier Science Publishers; 1991. (Rao, C.R., ed. Handbook of statistics, vol. 8).

The aim of this volume is to "disseminate statistical methodologies in the area of biological and medical sciences. Each chapter explains methods as well as applications of the statistical techniques for investing biological issues." The chapters in this book are divided into four sections: genetics and epidemiology, anthropometry and evolutionary biology, cancer biology, and medical statistics.

Sechrest, Lee; Perrin, Edward; Bunker, John, eds. RESEARCH METHODOLOGY: STRENGTHENING CAUSAL INTERPRETATIONS OF NONEXPERIMENTAL DATA. Agency for Health Care Policy and Research Conference Proceedings; 1987 Apr 8-10; Tucson, Arizona. Rockville (MD): Agency for Health Care Policy and

Research; 1990. Available from: NTIS, Springfield, VA; PB90-101387.

This book contains the papers presented at the conference sponsored by The National Center for Health Services Research and Health Care Technology Assessment which is now the Agency for Health Care Policy and Research. The conference was held at the University of Arizona at Tucson. Each paper deals with an aspect of "data collection and interpretation of nonexperimental data. The aim of the conference was to enhance the investigator's ability to generate the best data possible when randomized experiments are not feasible or when they seem feasible but fail to be accomplished."

Spilker, Bert, ed. QUALITY OF LIFE ASSESSMENTS IN CLINICAL TRIALS. New York: Raven Press; 1990.

This book provides several methods on how to conduct quality of life assessments. Along with providing the methodologies, discussion is given on the pros and cons of each test and its appropriateness. The primary audience is academic, government, pharmaceutical, or other health professionals. The book is divided into five broad subject divisions: standard scales, tests, and approaches; ethical issues; special populations and approaches; and special problems and diseases.

Steiber, Steven R.; Krowinski, William J. MEASURING AND MANAGING PATIENT SATISFACTION. Chicago: American Hospital Publishing, Inc.; 1990.

One of the main challenges to health services providers is developing a tangible method for measuring the perceived quality of care and satisfaction by consumers. This book provides methods used in several health care settings by which the research can customize the methods to virtually any service setting. Each method is outlined in a step-by-step approach. An index and references are provided.

United Nations. Department of International Economic and Social Affairs. STEP-BY-STEP GUIDE TO THE ESTIMATION OF CHILD MORTALITY. New York: United Nations; 1990. (Population studies; no. 107).

"The aim of the Guide is to provide the reader with all the information necessary to apply two methods for the estimation of child mortality. The reader is introduced to the basic concepts encountered in the measurement of mortality, the typical indicators of mortality in childhood, the rationale under-lying methods described and the data required for their application. The methods are described in step-by-step fashion."



Veney, James E.; Kaluzny, Arnold D. EVALUATION AND DECISION MAKING FOR HEALTH SERVICES. 2nd ed. Ann Arbor (MI): Health Administration Press; 1991.

This book reviews methods that can be used by administrators in evaluating health services programs. It is difficult for most administrators to document the accomplishments of their programs despite the great amount of time, energy and resources devoted to them. With funding for many health programs being eliminated, evaluation of health programs to determine their impact is essential. This book provides administrators with a variety of methods of conducting these evaluations.

Wassertheil-Smoller, Sylvia. BIOSTATISTICS AND EPIDEMIOLOGY: A PRIMER FOR HEALTH PROFESSIONALS. New York: Springer-Verlag; 1990.

This book is intended for health professionals with no background in mathematics. The aim of the book is to give understanding of the underlying principles of statistics as well as a practical guide. The book is divided into five parts: the scientific method, probability, epidemiological methods, statistical methods, and the development of clinical trials.

Williams, Renee; Baker, Lynda M.; Marshall, Joanne Gard. INFORMATION SEARCHING IN HEALTH CARE. Thorofare (NJ): SLACK Inc.; 1992.

This book is intended as a guide to the health professional who wants to learn the skills to find, evaluate, and apply information from the health sciences literature to health care problems. Its purpose is to assist students and health professionals in learning searching skills and critically appraising research evidence. The book reviews the use of health science abstracts and indexes and computer databases.

### ***Bibliographies***

Bausell, R. Barker, compiler. ADVANCED RESEARCH METHODOLOGY: AN ANNOTATED GUIDE TO SOURCES. Metuchen (NJ): Scarecrow Press, Inc.; 1991.

This guide contains references to 2660 journal articles and books on the process of conducting scientific research. It covers 78 topics on the research process from problem formulation to publication. The cited journals and books include the primary methodological sources available in fields such as psychology, medicine, sociology, and education. Each entry contains an abstract which provides an overview and statement of purpose of the article or book cited. Citations are listed only under one topic category but an extensive

index is provided for cross-references.

## Statistical Sources

*Monographs and bibliographies on statistical sources include actual charts and tables, databooks, scientific tables, or guides to sources of statistics.*

Alderson, M.R. MORTALITY, MORBIDITY, AND HEALTH STATISTICS. New York: Stockton Press; 1988.

"The aim of this book is first to provide a comprehensive guide to the users of mortality statistics and second to list various sources of morbidity statistics on abortion, cancer registration, congenital malformation notification, hospital inpatients, morbidity treated in general practice, notification of infectious disease, sickness absence and indicators of morbidity from surveys.... The book should be of value to (1) those responsible for handling routine mortality and morbidity statistics in regional and national offices of vital statistics or health statistics and (2) users of routine data, such as epidemiologists, other medical staff, statisticians, and those involved in health-care management."

Bureau of the Census. STATISTICAL ABSTRACT OF THE UNITED STATES. Washington: U.S. Government Printing Office; 1878- .

The *Statistical Abstract* "is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources." Among the health-related statistics listed in the 110th edition for 1990 are vital statistics; health and nutrition; social insurance and human services; and banking, finance, and insurance.

Congressional Research Service. MEDICAID SOURCE BOOK: BACKGROUND DATA AND ANALYSIS. Washington: U.S. Government Printing Office; 1988.

This report was prepared to provide answers to the most frequently asked questions about Medicaid, including eligibility for benefits, services covered, administration of the program, types of providers who participate, scope of coverage for the poor, trends in recent legislation, and effectiveness of the program in terms of cost constraints and quality of care. Includes numerous statistical tables.

Gilford, Dorothy M., ed. THE AGING POPULATION IN THE TWENTY-FIRST CENTURY: STATISTICS FOR HEALTH POLICY. Washington: National Academy Press; 1988.

"This report is the product of a study that takes stock of specific questions faced in developing health policy for the elderly and charts a course for producing information from the existing national data systems to arrive at answers. The conclusions and recommendations represent the end point of a long process." The Panel on Statistics for an Aging Population, established in September 1984 under the National Research Council, was assigned the task of examining the adequacy of statistical information and methodology for the aging population, with special attention to the area of health and medical care. In April 1983 the Academy complex sponsored a conference to determine the adequacy of available statistics for policy analysis for an aging society. The conferees identified a need for a "study of the problems and changes...that would increase the utility of national data systems." This report is the result of the efforts of the above Panel. In addition to this publication, the panel also published *Inventory of Data Sets Related to the Health of the Elderly* which describes in detail 117 existing data sets related to the health of the elderly.

HEALTH, UNITED STATES WITH PREVENTION PROFILE. Hyattsville (MD): National Center for Health Services Research; 1975- .

This annual report is compiled by the National Center for Health Statistics. The first section, a chartbook, presents summaries, statistics, tables, and maps on selected measures of health status. The second consists of detailed statistical tables in four areas: health status and determinants, utilization of health resources, health care resources, and health care expenditures. A third section entitled *Prevention Profile* is issued triennially. It "serves as an integral part of the Department's overall disease prevention and health promotion initiative by providing data to chart progress" toward health objectives for the United States.

Health Resources and Services Administration. Division of Disadvantaged Assistance. HEALTH STATUS OF MINORITIES AND LOW-INCOME GROUPS. 3rd ed. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Disadvantaged Assistance; Washington: U.S. Government Printing Office; 1991.

A compilation of data from a variety of governmental statistical sources. Sections on vital statistics, prevention, reproductive health, chronic and acute disease conditions, injuries, human immunodeficiency virus infection, dental health, mental health, health of older Americans, utilization of health services, health insurance coverage and health care expenditures.

Holland, Wilbur Wallis, ed. EUROPEAN COMMUNITY ATLAS OF "AVOIDABLE DEATH." Oxford (England): Oxford University Press; 1988.

Contains maps showing the mortality from various conditions in nine European countries. The diseases chosen were considered to be relevant to all members of the European Community and to reflect important aspects of health care provision in those countries. Examples include tuberculosis, asthma, appendicitis, Hodgkin's disease, and chronic rheumatic heart disease. In addition to maps, tables show mortality and population data by small area.

INTERNATIONAL HEALTH DATA REFERENCE GUIDE. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Statistics; 1984- .

"Provides information collected in mid-1991 on the availability of selected national vital, hospital, health manpower resources, and population-based health survey statistics. Information for the 34 nations included in this guide was obtained from the government and official agencies that are listed in the guide for further reference."

Lentner, C. GEIGY SCIENTIFIC TABLES. 8th ed. West Caldwell (NJ): CIBA-Geigy; 1981-84.

This title, comprising three volumes, covers units of measurement, body fluids, composition of the body, and nutrition (volume I); an introduction to statistics, statistical tables, and mathematical formulae (volume II); and physical chemistry, composition of blood, hematology, and somatometric data (volume III).

## ***Bibliographies***

Andriot, Donna; Andriot, Jay; Andriot, Laurie, eds. GUIDE TO U.S. GOVERNMENT STATISTICS. 1986 ed. McLean (VA): Documents Index; 1986.

An annotated guide to 11,945 U.S. government statistical publications.

Health Resources and Services Administration. Bureau of Health Professions. Office of Data Analysis and Management. AN ANNOTATED BIBLIOGRAPHY OF PUBLICATIONS PREPARED/SUPPORTED BY THE OFFICE OF DATA ANALYSIS AND MANAGEMENT. Rockville (MD): Bureau of Health Professions; 1990.

A selected list of reports and publications "designed to contribute to a better understanding of the issues, developments, trends, and projections concerning the Nation's health care personnel, with particular emphasis on their supply, requirements, and geographic

distribution."

National Center for Health Statistics. CATALOG OF PUBLICATIONS OF THE NATIONAL CENTER FOR HEALTH STATISTICS. Hyattsville (MD); 1980- .

An annual listing of publications.

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES) AND DATA STUDIES AVAILABLE IN VARIOUS MEDIA. Springfield (VA): National Technical Information Service; 1989.

Contains 139 citations concerning the National Health and Nutrition Examination Survey and the Hispanic Health and Nutrition Examination Survey.

NATIONAL HEALTH INTERVIEW SURVEY (NHIS) AND DATA STUDIES AVAILABLE ON MAGNETIC TAPE. Springfield (VA): National Technical Information Service; 1989.

A list of 234 citations on the National Health Interview Survey.

NATIONAL HOSPITAL DISCHARGE SURVEY (NHDS) DATA AVAILABLE IN VARIOUS MEDIA. Springfield (VA): National Technical Information Service; 1989.

A bibliography of citations on the National Hospital Discharge Survey and other discharge surveys.

O'Brien, Jacqueline Wasserman; Wasserman, Steven, eds. STATISTICS SOURCES. 12th ed. Detroit (MI): Gale Research Co.; 1989.

A subject guide to data on industrial, business, social, educational, financial, and other topics for the United States and internationally.

Singer, Ira D.; Meyerhoff, Allen S.; Schiffman, Susan B., compilers. A GUIDE TO HEALTH DATA RESOURCES. Millwood (VA): Center for Health Affairs, Project HOPE; 1985.

Contains descriptions of resource documents on health care data that have been published by both public and private organizations in the United States.

VITAL STATISTICS: UNITED STATES MORTALITY AND NATALITY DATA AVAILABLE ON MAGNETIC TAPE. Springfield (VA): National Technical Information Service; 1989.

Contains 175 citations concerning tables and magnetic tape records of mortality and natality vital statistics for the United States.

Weise, Frieda O., compiler. HEALTH STATISTICS: A GUIDE TO INFORMATION SOURCES. Detroit (MI): Gale Research Co.; 1980.

One of the *Health Affairs Information Guide* series, this contains basic sources of vital and health statistics in the United States. Includes sections on general titles, vital statistics, morbidity, health resources, health services utilization, health care costs, and population characteristics.

Wilkin, David; Hallam, Lesley; Doggett, Marie-Anne. MEASURES OF NEED AND OUTCOME FOR PRIMARY HEALTH CARE. New York: Oxford University Press; 1992.

The aim of this book is to outline methods to measure need and/or outcomes using non-clinical instruments. "The core of the book is a guide to 40 measures of need and outcome suitable in varying degrees for use in primary health care research and practice, divided according to subject matter." This book also reviews the theoretical and methodological issues relevant to measurement of needs and outcomes in health care.

## Guidelines

*The titles listed under guidelines are bibliographies of guidelines and practice guidelines. The sources of the guidelines are given in each bibliography so that copies of the guideline can be obtained. Another source in locating individual guidelines is the database CATLINE on the MEDLARS system. CATLINE is the online catalog of the National Library of Medicine.*

College of American Pathologists. STANDARDS, REFERENCE MATERIALS, AND METHODS: A PRACTICAL GUIDE FOR THE MEDICAL LABORATORY. Skokie (IL): College of American Pathologists; 1984.

This guide lists standards in the following categories: blood banks, chemistry, coagulation, diagnostic immunology, hematology, microbiology, nuclear medicine, safety, general laboratory. Each entry includes the full title of the standard, the sponsoring organization, and country. The document/standard type is also given. The standard is not included but must be obtained from the sponsoring organization.

Food and Drug Administration. Center for Devices and Radiological Health. MEDICAL DEVICES STANDARDS ACTIVITIES REPORT. Rockville (MD): Food and Drug Administration; 1987. (HHS publication; FDA 87-4222219).

The purpose of the *MEDICAL DEVICES STANDARDS ACTIVITIES REPORT* is to provide a comprehensive listing of current national and international, voluntary and regulatory standards activities in the field of medical devices. The report is organized into four sections: by sponsoring agencies, by product type, by organization with committee structure and key officials, and by the National Technical Information System accession numbers.

HEALTHCARE STANDARDS. Plymouth Meeting (PA): Emergency Care Research Institute (ECRI); 1991.

This directory is a guide to hard-to-find healthcare standards, guidelines, and recommended practices. The scope of the directory is broad including standards issued by medical societies, professional associations, government agencies, and other health-related organizations. The subjects of the guidelines cover all aspects of healthcare from specific diagnostic procedures to workplace safety standards. ECRI provides a telephone updating service. To check for more current information than the printed tool, the phone number is 215-825-6000.



Indiana University. Health Services Research Center. REPORT ON MEDICAL GUIDELINES AND OUTCOMES RESEARCH. Indianapolis (IN): Health Services Research Center; 1991-

This publication is made up of two directories which are updated every six months: The Annotated Directory of Medical Practice Guidelines and The Outcomes Directory. These directories describe the methodologies and other common attributes of a selected number of guidelines and outcomes research projects. The directories include what health policy researchers consider the most thorough guidelines development efforts to date and the growing portfolio of grants and contracts of outcome research. Both directories are divided by sponsoring agency and then alphabetically by title of the guideline or outcome research project. The actual guideline is not stated but must be obtained from the sponsoring agency.

Preventive Services Task Force. GUIDE TO CLINICAL PREVENTIVE SERVICES: AN ASSESSMENT OF THE EFFECTIVENESS OF 169 INTERVENTIONS. Baltimore (MD): Williams and Wilkins; 1989.

This book contains guidelines covering screening tests, counseling procedures, and immunization. The staff of the Task Force were based at and provided support by the Office of Disease Prevention and Health Promotion of the Department of Health and Human Services. The aim of the Task Force in developing these guidelines has been to promote health and prevent disease. The guidelines are written so that age, sex, and other risk factors are considered for the best effectiveness of care. The Task Force took four years in compiling this work involving literature reviews, debates, and synthesis of critical comments.

QA, DIRECTORY OF PRACTICE PARAMETERS. Chicago: American Medical Association, Office of Quality Assurance; 1990-

"Practice Parameters are strategies for patient management, developed to assist physicians in clinical decision-making." QA is published quarterly and is designed to facilitate the dissemination of recently completed practice parameters. QA serves to complement the *Directory of Practice Parameters*.

Swartwout, James E., ed. DIRECTORY OF PRACTICE PARAMETERS. Chicago: American Medical Association, Office of Quality Assurance and Healthcare Organizations; 1992.

This directory is published from the AMA's database of practice parameters. It is supplemented quarterly by the newsletter QA,

*DIRECTORY OF PRACTICE PARAMETERS* and revised yearly. The AMA established the practice parameters database by surveying physician organization. Since then, in cooperation with the Practice Parameters Partnership and Practice Parameters Forum, a system has been established to track the development, completion, publication, and withdrawal of practice parameters which are maintained on the database. Only active practice parameters are listed in this directory.

## **Health Information Systems**

*Monographs and bibliographies on health information systems include textbooks, glossaries, and source guides on health information systems.*

Agency for Health Care Policy and Research. Office of Science and Data Development. THE FEASIBILITY OF LINKING RESEARCH-RELATED DATA BASES TO FEDERAL AND NON-FEDERAL MEDICAL ADMINISTRATIVE DATABASES: REPORT TO CONGRESS. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Agency for Health Care Policy and Research, Center for Research Dissemination and Liaison; 1991.

This report analyzes the data files available from government and non-government sources which might be used in medical effectiveness research, and the feasibility of linking data bases from a variety of organizations. It addresses issues of standards, confidentiality, and future availability of data. Appendixes include lists of selected Federal, state hospital, and private data bases.

Austin, Charles J.; Harvey, William J. INFORMATION SYSTEMS FOR HEALTH SERVICES ADMINISTRATION. 3rd ed. Ann Arbor (MI): Health Administration Press; 1988.

"Intended to aid health services administrators in understanding the intricacies of information systems and how such systems can become effective management tools in their organizations." Contains sections on computing technology; information systems analysis, design and implementation; information systems in health services organizations. Includes a glossary of technical terms.

Healthcare Information and Management Systems Society. CATALOG OF HEALTHCARE INFORMATION AND MANAGEMENT SYSTEMS PUBLICATIONS. Chicago: American Hospital Association, Healthcare Management Systems Society; 1988- .

Formerly titled *Catalog of Hospital Management Systems Publications*, this is a catalog of proceedings, case studies, and technical reports.

Entries in the section on case studies and reports are arranged topically. Each entry gives bibliographic information and price.

Institute of Medicine. Committee on Improving the Patient Record. THE COMPUTER-BASED PATIENT RECORD: AN ESSENTIAL TECHNOLOGY FOR HEALTH CARE. Washington: National Academy Press; 1991.

This report discusses the current state of patient record systems and recommends that "health care professionals and organizations should adopt the computer-based patient record (CPR) as the standard for medical and all other records related to patient care." Chapters describe how future patient record systems will operate, identify technologies essential to future systems, and discuss barriers to implementation.

Shortliffe, Edward H.; Perreault, Leslie E., eds. MEDICAL INFORMATICS: COMPUTER APPLICATIONS IN HEALTH CARE. Reading (MA): Addison-Wesley Publishing Co.; 1990.

The editors state that their principal goal in this text is "to teach *concepts* in medical informatics--the study of biomedical information and its use in decision making--and to illustrate them in the context of descriptions of representative systems that are in use today or that taught us lessons in the past." The first section provides introductions to topics such as the acquisition, storage and use of medical data, medical decision making, and system design and evaluation. The second section presents chapters on a broad range of specific applications such as medical records, hospital information systems, patient monitoring systems, and clinical research systems. The third section looks at future applications of medical informatics such as health care financing and technology assessment.

### ***Bibliographies***

Holland, G.J. A resource guide for faculty and practitioners. JOURNAL OF HEALTH ADMINISTRATION EDUCATION 1990 Winter;8(1):85-100.

Presents an approach to searching for resources to support the education of health professionals in the field of health care information systems.

HOSPITAL INFORMATION SYSTEMS. Springfield (VA): National Technical Information Service; 1984.

Contains 229 citations concerning the development, implementation, and evaluation of hospital information systems.

Malec, B.T. Select IS [information systems] bibliography. JOURNAL OF HEALTH ADMINISTRATION EDUCATION 1990 Winter;8(1):101-12.

Includes sections on textbooks, manuals, administrative systems, clinical systems, decision support systems, systems selection and implementation, and periodicals.

## Special Issues

*Monographs and bibliographies on special issues include health care for the indigent, health care for the elderly, organ transplant policies, public health issues, AIDS, homelessness, mental health care, alcoholism, drug abuse, and more.*

Battista, Renaldo N.; Lawrence, Robert S., eds. IMPLEMENTING PREVENTIVE SERVICES. New York: Oxford University Press; 1988.

A collection of essays on preventive services and health promotion practices focusing on the United States and Canada. Topics include economic and social discussions of preventive services, physician practices, and policy considerations in implementing preventive services.

Blumstein, James F.; Sloan, Frank A., eds. ORGAN TRANSPLANTATION POLICY: ISSUES AND PROSPECTS. Durham (NC): Duke University Press; 1989.

The authors maintain that the organ transplantation policy of the Federal Government represents "a notable exception to the trend toward the competitive, market-driven approach to health care." Chapters in this book examine the economics and ethics of markets for human organs, government policy and funding of organ transplants, and ethical criteria for procurement and distribution of organs.

Brook, Robert H., et al. APPROPRIATENESS OF ACUTE MEDICAL CARE FOR THE ELDERLY. Santa Monica (CA): Rand Corporation; 1989.

"This report analyzes the literature regarding appropriateness of acute care provided to the elderly and, using this analysis, suggests policy options that could promote more appropriate care." The authors discuss frameworks that may be used to measure appropriateness and examine three kinds of care used by the elderly: hospital, physician, and pharmaceutical.

Callahan, Daniel. SETTING LIMITS: MEDICAL GOALS IN AN AGING SOCIETY. New York: Simon and Schuster; 1987.

Written by the director of the Hastings Center, this book won a 1988 Pulitzer Prize. It discusses the changes that have been brought about by modern medicine in prolonging life, and the challenges that they pose in a society with an increasing population of the elderly. Rationing health care and terminating treatment are among the problems Callahan examines.

Ciarlo, James A.; Brown, Timothy R.; Edwards, Daniel W., et al. ASSESSING MENTAL HEALTH TREATMENT OUTCOME MEASUREMENT TECHNIQUES. Rockville (MD): U.S. Department of Health and Human Services; Public Health Service; Alcohol, Drug Abuse, and Mental Health Administration; National Institute of Mental Health; Division of Biometry and Epidemiology; 1986.

Intended to help mental health programs in the selection of treatment outcome measurements. Most of the book consists of an appendix with detailed evaluations of 31 outcome measures. These evaluations include information on cost, usefulness, and references for further reading.

Dychtwald, Ken; Zitter, Mark; Levison, Joan. NEW DIRECTIONS FOR ELDERCARE SERVICES: COOPERATION ALONG A CONTINUUM. New York: McGraw-Hill Information Services Company; 1990.

The authors discuss "social, economic, and demographic parameters of the older population both today and in the future; health patterns of older adults and how they differ from those of the young; statistics on health care utilization and how that usage is financed; information about the many organizations that serve the health and life-style needs of older adults; and descriptions of the emerging eldercare system and what is needed to support it."

Eisdorfer, Carl; Kessler, David A.; Spector, Abby N., eds. CARING FOR THE ELDERLY: RESHAPING HEALTH POLICY. Baltimore (MD): Johns Hopkins University Press; 1989.

This book includes sections on the characteristics and health of the elderly, paying for health services for the elderly, sources of health care, special problems of geriatric health care, and ethical and political dimensions of policy reform. The last section presents a variety of analyses of health policies as they relate to the elderly. The book "is intended to serve as a resource for health-care policymakers, planners, practitioners, and researchers as well as for students of health policy, administration, and research."

Garrett, Thomas M.; Baillie, Harold W., Garrett, Rosellen M. HEALTH CARE ETHICS: PRINCIPLES AND PROBLEMS. Englewood Cliffs (NJ): Prentice Hall; 1989.

A college-level textbook with two sections. The first discusses the principles of health care ethics, such as informed consent, autonomy, beneficence, malfeasance, confidentiality, and truthfulness. Chapters in the second section examine specific problems of health care ethics such as death and dying, abortion, transplants, testing and screening,

and biomedical research.

Gilmore, Gary D.; Campbell, M. Donald; Becker, Barbara L. **NEEDS ASSESSMENT STRATEGIES FOR HEALTH EDUCATION AND HEALTH PROMOTION.** Indianapolis (IN): Benchmark Press; 1989.

The aim of the authors was to create "a practical handbook which would have direct use in health education and health promotion planning and program development efforts." The first section places needs assessment in context. The other sections focus on specific strategies: assessments with individuals, assessments with groups, and self-directed assessments. Appendixes provide examples of health status inventories as well as a list of available health risk appraisals and wellness inventories. Includes bibliography.

Grant, Murray. **HANDBOOK OF COMMUNITY HEALTH.** 4th ed. Philadelphia: Lea & Febiger; 1987.

A wide-ranging introductory text on all aspects of community health. Topics covered range from health statistics and fundamentals of epidemiology to specific public health areas such as maternal and child health, dental health, occupational health, and disaster planning. The book also includes general overviews of medical care, health care delivery, health planning, quality of care, and health manpower.

Holland, Walter W.; Detels, Roger; Knox, George. **OXFORD TEXTBOOK OF PUBLIC HEALTH.** 2nd ed. New York: Oxford University Press; 1991.

An encyclopedic textbook with a British slant. The four volumes cover historical aspects and general scope and strategies of public health, public health promotion, investigative methods used in public health, and specific applications. Most chapters conclude with extensive lists of references.

Institute of Medicine. **CONFRONTING AIDS: DIRECTIONS FOR PUBLIC HEALTH, HEALTH CARE, AND RESEARCH.** Washington: National Academy Press; 1986.

This report, prepared by the Committee on a National Strategy for AIDS of the Institute of Medicine, is the result of a recognition by the Institute of Medicine of the need to develop recommendations about the best course of action for dealing with AIDS. This recognition surfaced following the Institute's October 1985 annual meeting which was devoted to the subject of acquired immunodeficiency syndrome. In the first chapter the reader is presented with a summary and recommendations. Following are six chapters discussing understanding of the disease, future course and available resources,

opportunities for altering the course, care of the HIV infected individual, research needs, and international aspects. This text is a handy reference for a wide audience, from the researcher to the clinician, from the health educator to the counselor to the concerned public. The information provided in the 11 appendixes and the glossary at the back of the book are most useful.

Institute of Medicine. MOBILIZING AGAINST AIDS. Rev. ed. Cambridge (MA): Harvard University Press; 1989.

An update to the above report, this book reviews the epidemiology of AIDS, the medical effects of HIV, its treatment and prevention, and the impact of AIDS on the health care system. Appendixes include the Centers for Disease Control definition of AIDS, a listing of tests for HIV infection, guidelines for the prevention of HIV transmission in health care settings, several Public Health Service recommendations and guidelines for counseling, testing, and education about AIDS, and a chronology of AIDS research from 1970 to 1975.

Institute of Medicine. Committee on Health Care for Homeless People. HOMELESSNESS, HEALTH, AND HUMAN NEEDS. Washington: National Academy Press; 1988.

This study examines the phenomenon of homelessness, the health problems associated with it, and access to health care services for homeless people. It makes recommendations for changing eligibility requirements for health care services and for providing those services to the homeless. Appendixes on legislative efforts to aid the homeless, the methodology of counting the homeless, and the rural homeless are included.

Last, John M., ed. MAXCY-ROSENAU PUBLIC HEALTH AND PREVENTIVE MEDICINE. 12th ed. Norwalk (CT): Appleton-Century-Crofts; 1986.

A classic, comprehensive textbook on all aspects of public health. The text is divided into six sections: *Public Health Methods, Communicable Diseases, Environmental Health, Behavioral Factors Affecting Health, Noncommunicable and Chronic Disabling Conditions, and Health Care Planning, Organization, and Evaluation*. Most chapters contain extensive bibliographies.

Melville, Keith. HEALTH CARE FOR THE ELDERLY: MORAL DILEMMAS, MORTAL CHOICES. Dayton (OH): Domestic Policy Association; 1988.

This book examines three positions relative to health care for the elderly: that comprehensive coverage should be the goal of policy;



that rationing of medical care for geriatric patients must be instituted; and that the government's role should be to provide subsidized health care only to the needy. Includes suggestions for further reading.

Moos, Rudolf H.; Finney, John W.; Cronkite, Ruth C. ALCOHOLISM TREATMENT: CONTEXT, PROCESS, AND OUTCOME. New York: Oxford University Press; 1990.

"This book reports a long-term effort to try to understand the context, process, and effects of alcoholism treatment." In the first section, treatment methods, short term outcome and prognosis are examined. The second part of the book looks at extra treatment factors which affect the recovery process, followed by a third section on alcoholism and the family. The last section discusses practical applications of the information in the preceding sections, including suggestions for improving treatment programs.

Newkirk, William L.; Jones, Lynn Dickey. OCCUPATIONAL HEALTH SERVICES: A GUIDE TO PROGRAM PLANNING AND MANAGEMENT. Chicago: American Hospital Publishing; 1989.

Intended for hospitals which seek to develop occupational health programs, this book "covers the services, legal issues, marketing needs, and ethical concerns facing programs as we begin the 1990s. It attempts to alert hospitals to frequently encountered problems and to suggest solutions that have proved successful elsewhere." The full range of occupational health services are discussed, including injury treatment services, employee screening, rehabilitation services, counseling services, and health promotion services.

Parmeggiani, Luigi, ed. ENCYCLOPAEDIA OF OCCUPATIONAL HEALTH AND SAFETY. 3rd ed. Geneva (Switzerland): International Labour Office; 1983.

Signed articles, arranged alphabetically by subject, intended as a practical tool for those responsible for the protection of the health of industrial workers throughout the world. Emphasizes preventive action. Contains approximately 200 new entries that reflect new knowledge or developments since the previous edition. Entries tend to be lengthy and give references. Some illustrations, cross references. Index of authors (with identifications and locations). Subject index. v. 1, A-K; v. 2, L-Z.

Rowe, Mona, et al. AIDS, A PUBLIC HEALTH CHALLENGE: STATE ISSUES, POLICIES AND PROGRAMS. Washington: U.S. Department of Health and Human Services, Public Health Service; 1987.

These volumes were developed by the Intergovernmental Health Policy Project at George Washington University. They are intended to be a guide for policymakers at the state level. Volume 1, entitled *Assessing the Problem*, covers administration and organization of AIDS programs, screening and surveillance, confidentiality and potential for discrimination. Volume 2, *Managing and Financing the Problem*, discusses medical care, support services, education, and research, and the means to finance these activities. The third volume, *Resource Guide*, contains lists of documents, organizations, and publications relevant to AIDS.

Shin, Diana M.; Avers, JoAnne, eds. AIDS/HIV REFERENCE GUIDE FOR MEDICAL PROFESSIONALS. 3rd ed. Los Angeles (CA): UCLA School of Medicine, Center for Interdisciplinary Research in Immunology and Diseases; 1988.

This book consists of short summaries of information on many aspects of AIDS/HIV infection, including distribution, definitions, diagnosis, precautions, control of transmission, and experimental therapy. A chapter on resources includes information on organizations, educational materials, directories, and publications. Includes glossary and index.

Stoll, Basil A., ed. COST VERSUS BENEFIT IN CANCER CARE. London: Macmillan Press, Ltd.; 1988.

The focus of this book is the treatment of advanced cancer. The attitudes of patients and physicians in the United States and Europe are contrasted, as are views on rationing of care in advanced cancer. In a concluding chapter, *Saying No is Difficult in Cancer*, Stoll concludes that guidelines should "restrict treatment to those most in need and those most likely to benefit." The editor states that the book is directed at "health professionals involved in the clinical care of cancer patients, health economists, sociologists, and all those concerned with medical ethics and the rights of the individual."

Sullivan, Sean; Lewin, Marion E., eds. THE ECONOMICS AND ETHICS OF LONG-TERM CARE AND DISABILITY. Washington: American Enterprise Institute for Public Policy Research; 1988.

Chronic conditions and disabilities have replaced acute disease as the major health problem of the latter twentieth century. An introduction describes the need to reorient our health care system for individuals with functional disability, one which combines both health and social services and which would better enable the individual to function with the greatest degree of independence attainable. "The public and

private sectors have complementary roles to play in ensuring...equal opportunity for these individuals to pursue their lives in careers by mitigating the effects of their impairments." The six essays which follow this chapter review the changing nature of our health care needs and suggest ways to make corresponding changes in the structure of care-giving in our society.

Waldron, H.A., ed. OCCUPATIONAL HEALTH PRACTICE. 3rd ed. London: Butterworths; 1989.

The aim of this publication "is to be of direct use to those actively engaged in occupational health practice wherever they may be, and as far as possible, to the problems which may arise from the complex interaction between work and health." The twenty-eight chapters which are included in this book cover screening, occupation-related hazards such as vibration, noise, ionizing radiation, etc., biological monitoring, analytical methods, treatment and first aid, vocational rehabilitation, and health promotion and counseling. A brief history of the field serves as an introduction. The text is supported with diagrams, charts, tables, a questionnaire, and bibliographic references.

Williams, Phillip G. LIFE FROM DEATH: THE ORGAN AND TISSUE DONATION AND TRANSPLANTATION SOURCE BOOK, WITH FORMS. Oak Park (IL): P. Gaines Co.; 1989.

"The present volume may serve as a source book of information on the various issues pertaining to anatomical gifts." After an introductory chapter providing background on the many issues and considerations related to organ donation and receipt, the text of the 1968 Uniform Anatomical Gift Act is reproduced, along with recommendations of the Task Force commissioned by the National Organ Transplant Act of 1984. The next chapter contains a list of state anatomical gift laws. Includes glossary, directory of support services, and bibliography.

### ***Bibliographies***

AIDS BIBLIOGRAPHY. Bethesda (MD): National Library of Medicine; 1988- .

Contains citations from the National Library of Medicine's AIDSLINE, CATLINE, and AVLINE databases on all preclinical, clinical, epidemiologic, diagnostic, and prevention areas in AIDS. Published monthly since 1989.

Annotated bibliography: quality of life evaluation. HEALTH POLICY 1988 Dec;10(3):281-95.

Includes sections on methodological and policy issues and quality of life evaluation in specific diseases.

**BIBLIOGRAPHIES AND INDEXES IN GERONTOLOGY.** Westport (CT): Greenwood Press; 1, 1985- .

A series of bibliographies on specific topics. Recent subjects have included legal aspects of health care for the elderly, and Federal public policy on aging since 1960.

**BIBLIOGRAPHY ON HEALTH INDEXES.** Rockville (MD): U.S. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Statistics; 1973- .

Covers documents on the topic of developing composite measures of health status.

**CORPORATE WELLNESS PROGRAMS.** Springfield (VA): National Technical Information Service; 1987.

A bibliography of 129 citations on company-sponsored physical fitness and other health promoting programs.

**DIRECTORY OF GERIATRIC PUBLICATIONS.** Mercer Island (WA): DRS Geriatric Pub. Co.; 1991- .

Over 1,800 books and journals published since 1985. Topics include death, dying, grief, and hospice; disabled and handicapped; home care and housing; long-term care; medical and nursing; mental health.

Jones, Woodrow, Jr., compiler. **BLACK AMERICAN HEALTH: AN ANNOTATED BIBLIOGRAPHY.** New York: Greenwood Publishing Group; 1987.

An annotated listing of over 350 sources on black health care, with sections on assessment studies as well as specific health care problems.

Korda, Holly, et al. (Abt Associates, Inc., Boston, MA). **AN ANNOTATED BIBLIOGRAPHY OF SCIENTIFIC ARTICLES ON AIDS FOR POLICYMAKERS.** Washington: U.S. Department of Health and Human Services, Public Health Service; 1987.

A listing of refereed journal articles identified as being relevant to policy-making audiences. Annotations include findings, methods, sample size, and policy areas discussed.

National Center for Education in Maternal and Child Health. STARTING EARLY: A GUIDE TO FEDERAL RESOURCES IN MATERNAL AND CHILD HEALTH. 2nd ed. Washington: National Center for Education in Maternal and Child Health; 1988.

Includes sections on pregnancy and childbirth, child health, adolescent health, maternal and child health services and programs, and special topics.

National Perinatal Epidemiology Unit (Great Britain). A CLASSIFIED BIBLIOGRAPHY OF CONTROLLED TRIALS IN PERINATAL MEDICINE, 1940-1984. Oxford (England): Oxford University Press; 1985.

Contains 2770 reports of clinical trials in perinatal medicine.

OCCUPATIONAL HEALTH SERVICES AND EMPLOYEE HEALTH PROGRAMS. Springfield (VA): National Technical Information Service; 1983.

Contains 93 citations on health care programs for employees.

Pease, Elizabeth, compiler. OCCUPATIONAL SAFETY AND HEALTH: A SOURCEBOOK. New York: Garland; 1985.

Contains annotated lists of books, periodicals, and government reports on many aspects of occupational medicine.

PREVENTIVE MEDICINE: HEALTH EDUCATION. Springfield (VA): National Technical Information Service; 1988.

A list of 270 citations concerning the impact of health education programs on health promotion and disease prevention.

SELECTED BIBLIOGRAPHY ON AIDS (ACQUIRED IMMUNODEFICIENCY SYNDROME) FOR HEALTH SERVICES RESEARCH. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Center for Health Services Research and Health Care Technology Assessment. 1, Sep 1987- .

An annual bibliography which includes sections on community-based care, costs, financing and insurance, public health, planning and policy, research and statistical methods, and provider issues.

Siegler, Mark; Singer, Peter A.; Schiedermayer, David L., compilers. MEDICAL ETHICS: AN ANNOTATED BIBLIOGRAPHY. Philadelphia: American College of Physicians; 1988.

A list of 190 journal articles on ethical issues related to the practice of clinical medicine. Includes sections on decisions to forego life-sustaining treatment, medical economics, research ethics, and the physician-patient relationship.

Ziegenfuss, James T., compiler. QUALITY ASSURANCE, UTILIZATION REVIEW AND RISK MANAGEMENT, A CURRENT AND SELECTED BIBLIOGRAPHY. Sarasota (FL): American Board of Quality Assurance and Utilization Review Physicians; 1987.

## JOURNALS

*Journals listed include currently published professional journals, newsletters, newspapers, and annuals. The journals include titles in biomedicine; health services research; health planning and policy; health economics and business; health manpower and professional education; health facilities and services; health technology, equipment, and drugs; statistical methods, statistical sources; health information systems; and special issues.*

ACADEMIC MEDICINE. Philadelphia: Hanley and Belfus. Vol. 64, No. 1, Jan 1989- .

Continues: *Journal of Medical Education*.

ADMINISTRATIVE RADIOLOGY. Glendale (CA): Glendale Publishing Corporation. Vol. 1, 1982- .

ADVANCE DATA. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, Oct 1976- .

Supersedes: *Monthly Vital Statistics Report; Provisional Statistics from the Center for Health Statistics; Supplement*.

ADVANCES IN HEALTH ECONOMICS AND HEALTH SERVICES RESEARCH.

Greenwich (CT): Jai Press. Vol. 2, 1981- .

Continues: *Research in Health Economics*.

AHCPR PROGRAM NOTES. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, Agency for Health Care Policy and Research. 1990- .

AIDS PATIENT REGISTRY. Washington: Department of Veterans Affairs, AIDS Program Office. Vol. 1, No. 1, 1988?- .

ALCOHOL HEALTH AND RESEARCH WORLD. Rockville (MD): U.S. Department of Health and Human Services, Public Health Service, National Institute on Alcohol Abuse and Alcoholism. Vol. 1, 1973- .

AMERICAN JOURNAL OF EPIDEMIOLOGY. Baltimore (MD): Johns Hopkins University, School of Hygiene and Public Health. Vol. 81, Jan 1965- .

Continues: *American Journal of Hygiene*.

AMERICAN JOURNAL OF HEALTH PROMOTION. Royal Oak (MI): Michael P. O'Donnell. Vol. 1, No. 1, 1986- .

AMERICAN JOURNAL OF INFECTION CONTROL. St. Louis (MO): C. V. Mosby. Vol. 8, No. 1, Feb 1980- .  
Continues: *APIC Journal*.

AMERICAN JOURNAL OF NURSING. New York: American Journal of Nursing Company. Vol. 1, 1900- .

AMERICAN JOURNAL OF PREVENTIVE MEDICINE. New York: Oxford University Press. Vol. 1, No. 1, Jan-Feb 1985- .

AMERICAN JOURNAL OF PUBLIC HEALTH. Washington: American Public Health Association. Vol. 61, 1971- .  
Continues: *American Journal of Public Health and the Nations Health*.

AMERICAN MEDICAL NEWS. Chicago: American Medical Association. Vol. 12, No. 26, Jul 7, 1969- .  
Continues: *AMA News*.

ANNALS OF INTERNAL MEDICINE. Philadelphia: American College of Physicians. Vol. 1, No. 1, Jul 1927- .

ANNUAL REVIEW OF PUBLIC HEALTH. Palo Alto (CA): Annual Reviews. Vol. 1, 1980- .

BIOMEDICAL INSTRUMENTATION AND TECHNOLOGY. Philadelphia: Hanley and Belfus. Vol. 23, No. 1, Jan-Feb 1989- .  
Formed by the merger of *Medical Instrumentation* and *Biomedical Technology Today*.

BIOSTATISTICA. Davenport (IA): Doneraile Park Press. Vol. 1, No. 1, Jan-Mar 1990- .

BLUE SHEET. Chevy Chase (MD): Blue Sheet Health Policy. Vol. 19, No. 29, 1976- .  
Continues: *Drug Research Reports*.

BMJ. London: British Medical Association. Vol. 297, 1988- .  
Continues: *British Medical Journal. Clinical Research Edition*.

BULLETIN OF THE MEDICAL LIBRARY ASSOCIATION. Chicago: Medical Library Association. Vol. 1, Jul 1911- .

BUSINESS AND HEALTH. Montvale (NJ): Medical Economics Co. Vol. 1, No. 1, Nov 1983- .

CANADIAN MEDICAL ASSOCIATION JOURNAL. Ottawa: Canadian Medical



Association. Vol. 1, 1911- .

Called also: *Journal de l'Association Medicale Canadienne; CMAJ.*

CARING. Washington: National Association for Home Care. Oct 1982- .

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STATISTICS IN MEDICINE. Chichester (England): Wiley. Vol. 1, No. 1, Jan-Mar 1982- .

TECHNOLOGY FOR NURSING. Plymouth Meeting (PA): Emergency Care Research Institute (ECRI). Vol. 1, No. 1, Nov 1986- .

TOPICS IN HEALTH CARE FINANCING. Rockville (MD): Aspen Systems Corporation. Vol. 1, 1974- .

TOPICS IN HEALTH RECORDS MANAGEMENT. Rockville (MD): Aspen Systems Corporation. Vol. 1, No. 1, Sep 1980- .  
Running title: *THRM*.

TOPICS IN HOSPITAL PHARMACY MANAGEMENT. Rockville (MD): Aspen Systems Corporation. Vol. 1, No. 1, May 1981- .

TRUSTEE. Chicago: American Hospital Association. Vol. 1, 1947- .

URBAN MEDICINE. Fair Lawn (NJ): Medical Pub. Enterprises. Vol. 1, No. 1, Aug 1986- .

VITAL AND HEALTH STATISTICS. SERIES 1: PROGRAMS AND COLLECTION PROCEDURES. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 1, 1963- .



VITAL AND HEALTH STATISTICS. SERIES 2: DATA EVALUATION AND METHODS RESEARCH. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 1, 1963- .

VITAL AND HEALTH STATISTICS. SERIES 3: ANALYTICAL AND EPIDEMIOLOGICAL STUDIES. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 21, Jun 1983- . Continues: *Vital and Health Statistics. Series 3: Analytical Studies.*

VITAL AND HEALTH STATISTICS. SERIES 4: DOCUMENTS AND COMMITTEE REPORTS. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1965- .

VITAL AND HEALTH STATISTICS. SERIES 5: COMPARATIVE INTERNATIONAL VITAL AND HEALTH STATISTICS REPORTS. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1984- .

VITAL AND HEALTH STATISTICS. SERIES 6: COGNITION AND SURVEY MEASUREMENT. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1989- .

VITAL AND HEALTH STATISTICS. SERIES 10: DATA FROM THE NATIONAL HEALTH SURVEY. CURRENT ESTIMATES FROM THE HEALTH INTERVIEW SURVEY, UNITED STATES. ACUTE CONDITIONS: INCIDENCE AND ASSOCIATED DISABILITY, UNITED STATES. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 1, 1963- .

VITAL AND HEALTH STATISTICS. SERIES 11: DATA FROM THE NATIONAL HEALTH SURVEY. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 1, 1964- .

VITAL AND HEALTH STATISTICS. SERIES 13: DATA FROM THE NATIONAL HEALTH SURVEY. UTILIZATION OF NURSING HOMES, UNITED STATES NATIONAL NURSING HOME SURVEY. NATIONAL AMBULATORY MEDICAL CARE SURVEY. SUMMARY, UNITED STATES. DATA ON HEALTH RESOURCES UTILIZATION. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 1, 1966- .

VITAL AND HEALTH STATISTICS. SERIES 14: DATA FROM THE NATIONAL HEALTH SURVEY. DATA ON HEALTH RESOURCES--MANPOWER AND FACILITIES. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 27, 1982- .  
Continues: *Vital and Health Statistics. Series 14: Data from the National Inventory of Family Planning Services.*

VITAL AND HEALTH STATISTICS. SERIES 15: DATA FROM THE NATIONAL HEALTH SURVEY. DATA FROM SPECIAL SURVEYS. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1981- .

VITAL AND HEALTH STATISTICS. SERIES 16: COMPILATIONS OF ADVANCE DATA FROM VITAL AND HEALTH STATISTICS. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1989- .

VITAL AND HEALTH STATISTICS. SERIES 20: DATA ON NATALITY, MARRIAGE, AND DIVORCE. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 48, 1989- .  
Continues: *Vital and Health Statistics. Series 21: Data from the National Vital Statistics System.*

VITAL AND HEALTH STATISTICS. SERIES 21: DATA FROM THE NATIONAL VITAL STATISTICS SYSTEM. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. Vol. 1, 1964- .

VITAL AND HEALTH STATISTICS. SERIES 23: DATA FROM THE NATIONAL SURVEY OF FAMILY GROWTH. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1977- .

VITAL AND HEALTH STATISTICS. SERIES 24: COMPILATIONS OF DATA ON NATALITY, MORTALITY, MARRIAGE, DIVORCE, AND INDUCED TERMINATIONS OF PREGNANCY. Hyattsville (MD): U.S. Department of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics. No. 1, 1989- .

WASHINGTON NEWS LETTER. Washington: American Public Health Association. Vol 1, 1959- .

WOMEN AND HEALTH. Binghamton (NY): Haworth Press. Vol. 1, 1976- .

WORLD HEALTH STATISTICS QUARTERLY. Geneva: World Health Organization.  
Vol. 31, 1978- .

Continues: *World Health Statistics Report*.

WORLD HOSPITALS. London: International Hospital Federation. Vol. 1, No. 1,  
Jul  
1964- .

YEAR BOOK OF HEALTH CARE MANAGEMENT. St. Louis (MO): Mosby-Year  
Book.  
1991- .

## ABSTRACTS AND INDEXES

*Abstracts and indexes listed include those that cover clinical care, statistics, bioethics, social services and behavioral sciences, administration and planning, dissertations, education, health information systems, insurance and business, and government documents.*

ABSTRACTS OF CLINICAL CARE GUIDELINES: A JOINT COMMISSION NEWSLETTER. Chicago: Joint Commission on Accreditation of Healthcare Organizations. Vol. 1, No. 1, Jan-Feb 1989- .

Contains abstracts of clinical care guidelines from the report and journal literature.

ABSTRACTS OF HEALTH CARE MANAGEMENT STUDIES. Ann Arbor (MI): Health Administration Press. Produced by the Cooperative Information Center for Hospital Management Studies, University of Michigan; Vol. 15, Sep 1978 - Vol. 23, May 1987.

Though no longer published, this is a good source (along with its predecessor, *Abstracts of Hospital Management Studies*) of older studies of hospital management and planning. Includes journal articles and other published literature, as well as unpublished studies.

AMERICAN STATISTICS INDEX: A COMPREHENSIVE GUIDE AND INDEX TO THE STATISTICAL PUBLICATIONS OF THE U.S. GOVERNMENT. Washington: Congressional Information Service. 1973- .

Covers statistical publications (or publications containing substantial statistical data) generated by executive, legislative, and judicial departments, research, administrative, and regulatory agencies, and special bodies created by Congress or the President. See the entry under *ASI* in the *Databases* chapter for a description of the online service.

BIBLIOGRAPHY OF BIOETHICS. Detroit (MI): Gale Research Co. Vol. 1, 1975- .

Produced by the Kennedy Institute, Center for Bioethics at Georgetown University. Contains citations to the literature on the ethics of abortion, AIDS, euthanasia, genetic intervention, human experimentation, new reproductive technologies, patients' rights, professional ethics, resource allocation in health care, and numerous other ethical, legal, and public policy issues. See the entry under *BIOETHICSLINE* in the *Databases* chapter for a description of the online service.

BIOMEDICAL INDEX TO PHS-SUPPORTED RESEARCH. Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Grants. 1989- .

A source of information on extramural biomedical research programs supported by the Division of Research Grants, National Institutes of Health, U.S. Department of Health and Human Services. Continues *Research Awards Index* (1975-1987). See the entry under *CRISP* in the *Databases* chapter for a description of the online service.

CCH CONGRESSIONAL INDEX. Chicago: Commerce Clearing House. Vol. 1, 1946- .

Loose-leaf report on status of all pending legislation; indexed by subject, sponsor, bill number, and date of introduction.

CIS FEDERAL REGISTER INDEX. Bethesda (MD): Congressional Information Service. 1984- .

Weekly index to the *Federal Register* covering rules, proposed rules, notices, and presidential documents. Indexed by subject, name, issuing agency, *Code of Federal Regulations* section number, calendar of effective dates, and comment deadlines. See entries in *Journals* chapter.

CIS INDEX. Bethesda (MD): Congressional Information Service; Vol. 1, 1970- .

An index to publications of the United States Congress. Includes abstracts of Senate and House committee hearings, committee prints, reports, and documents. Monthly, with annual cumulation. See the entry under *CIS Index* in the database section below for a description of the online service.

CIS INDEX TO THE CODE OF FEDERAL REGULATIONS. Bethesda (MD): Congressional Information Service. 1977- .

Detailed monthly index arranged by subject, geographic names, and past, current, and future descriptive headings; contains administrative and legislative history of *Code of Federal Regulations*.

CODE OF FEDERAL REGULATIONS. Washington: General Services Administration, National Archives and Records Service, Office of the Federal Register. 1938- .

Annual codification of general and permanent rules published in the *Federal Register* (see below) by executive departments and agencies

of the government; arranged by subject in 50 titles representing broad areas subject to federal regulation. Reflects regulations in effect at the time of printing; updated by subsequent issues of the *Federal Register*.

Titles related to health care:

<i>Title 7</i>	<i>Agriculture</i>
<i>Title 9</i>	<i>Animals and Animal Products</i>
<i>Title 10</i>	<i>Energy</i>
<i>Title 21</i>	<i>Food and Drugs</i>
<i>Title 40</i>	<i>Protection of Environment</i>
<i>Title 42</i>	<i>Public Health</i>
<i>Title 45</i>	<i>Public Welfare</i>

COMPLETED RESEARCH IN HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE. Washington: American Association for Health, Physical Education, Recreation and Dance. Vol. 23, 1981- .

Contains two sections: abstracts to master's and doctoral theses from institutions offering graduate programs in health, physical education, recreation, dance and allied areas; and a bibliography of published articles in the above mentioned fields. Topics include health promotion and other medical subjects.

CSI CONGRESSIONAL RECORD ABSTRACTS - MASTER EDITION. Gaithersburg (MD): National Standards; 1982- .

Provides abstracts of each issue of the *Congressional Record* (see entry in *Journals* section). Coverage includes Congressional activities regarding bills and resolutions, committee and subcommittee reports, public laws, executive communications, and speeches. See the entry under *Congressional Record Abstracts* in the database section below for a description of the online service.

CSI FEDERAL REGISTER ABSTRACTS - MASTER EDITION. Gaithersburg (MD): National Standards. 1981- .

Provides abstracts of Federal regulatory agency actions as published in the *Federal Register* (see entry in *Journals* section). Includes regulations, proposed rules, and legal notices issued by Federal agencies. See the entry under *Federal Register Abstracts* in the database section below for a description of the online service.

DIGEST OF PUBLIC GENERAL BILLS AND RESOLUTIONS. Washington: Library of Congress. 1936- .

Brief synopsis of each public bill introduced into Congress at the time of publication; lists sponsor, title, dates of reports, debate, enrollment, and passage, and summaries of each public law.

CUMULATIVE INDEX TO NURSING & ALLIED HEALTH LITERATURE. Glendale (CA): Seventh-Day Adventist Hospital Association. Vol. 22, 1977- .

An index to articles in more than 300 journals in nursing and 14 allied health disciplines. Also covers relevant medical articles, articles from management, psychological and popular journals, and new books in nursing and allied health fields. See the entry under *Nursing and Allied Health* in the *Databases* chapter for a description of the online service.

CURRENT CONTENTS: SOCIAL AND BEHAVIORAL SCIENCES. Philadelphia: Institute for Scientific Information. Vol. 6, Jan 2, 1974- .

A weekly listing of the tables of contents of journals in social and behavioral sciences. See the entry under *Current Contents Search* in the *Databases* chapter for a description of the online service.

DIRECTORY OF PUBLISHED PROCEEDINGS. SERIES SEMT--SCIENCE, ENGINEERING, MEDICINE, TECHNOLOGY. White Plains (NY): InterDok Corp. Vol. 3, No. 5, Jan 1968- .

A bibliography citing preprints and published proceedings of conferences, summer schools, symposia, meetings, and seminars that have taken place worldwide from 1964 to date.

DIRECTORY OF PUBLISHED PROCEEDINGS. SERIES SSH--SOCIAL SCIENCES, HUMANITIES. White Plains (NY): InterDok Corp. Vol. 1, Jan 1968- .

A bibliography citing preprints and published proceedings of conferences, summer schools, symposia, meetings and seminars that have taken place worldwide from 1964 to date.

DISSERTATION ABSTRACTS INTERNATIONAL. A. THE HUMANITIES AND SOCIAL SCIENCES. Ann Arbor (MI): University Microfilms Vol. 30, Jul 1969- .

DISSERTATION ABSTRACTS INTERNATIONAL. B. THE SCIENCES AND ENGINEERING. Ann Arbor (MI): University Microfilms. Vol. 30, Jul 1969- .

DISSERTATION ABSTRACTS INTERNATIONAL. C. WORLDWIDE. Ann Arbor (MI): University Microfilms. Vol. 50, No. 1, Spring 1989- .

Citations, with abstracts, to dissertations accepted for doctoral

degrees by accredited U.S. and over 200 non-U.S. educational institutions. See the entry under *Dissertation Abstracts Online* in the *Databases* chapter for a description of the online service.

EDUCATION INDEX. Bronx (NY): H.W. Wilson. 1929-30- .

An index to education publications in English. Covers primarily periodicals, but also includes yearbooks and monographs. See the entry under *Education Index* in the *Databases* chapter for a description of the online service.

EXCERPTA MEDICA. SECTION 17, PUBLIC HEALTH, SOCIAL MEDICINE, AND EPIDEMIOLOGY. Amsterdam (Netherlands): Excerpta Medica. Vol. 50, No. 2, 1988- .

An international index, with abstracts, to journals covering biostatistics and biometrics, health care, epidemiology, screening and prevention, populations at risk, food and nutrition, life styles, and evaluation of interventions. See the entry under *EMBASE* in the *Databases* chapter for a description of the online service.

EXCERPTA MEDICA. SECTION 36, HEALTH POLICY, ECONOMICS, AND MANAGEMENT. Amsterdam (Netherlands): Excerpta Medica. Vol. 24, No. 1, 1988- .

An international index, with abstracts, to journals covering health services management, technology assessment, and product evaluation. See the entry under *EMBASE* in the *Databases* chapter for a description of the online service.

GOVERNMENT REPORTS ANNOUNCEMENTS & INDEX. Springfield (VA): National Technical Information Service. Vol. 75, No. 7, 1975- .

Contains about 1.4 million citations, most with abstracts, to unrestricted technical reports on U.S. and non-U.S. government-sponsored research and development. Includes coverage of the biological and social sciences as well as business information. Also includes some federally-sponsored translations and some non-English language reports. See the entry under *NTIS* in the *Databases* chapter for a description of the online service.

HEALTH CARE. Springfield (VA): National Technical Information Service. Vol. 87, No. 11, Mar 17 1987- .

An abstract newsletter covering many subjects including agency administration and financial management, community and population



characteristics, data and information systems, economics and sociology, health care assessment and quality assurance, delivery and organization/administration, health care technology, health services, health resources, and health care measurement methodology.

HEALTH SCIENCES SERIALS. Bethesda (MD): National Library of Medicine. Jan 1979- .

A quarterly publication, issued on microfiche, listing serials held by the National Library of Medicine. See the entry under *SERLINE* in the *Databases* chapter for a description of the online service.

HEALTH SERVICE ABSTRACTS. London: Department of Health and Social Security. 1974- .

A monthly list of citations, with abstracts, on hospitals, health services, and medical practice.

HOSPITAL LITERATURE INDEX. Chicago: American Hospital Association. Vol. 13, No. 2, Dec 1957- .

Prepared by the Library of the American Hospital Association (with the cooperation of the National Library of Medicine since 1978), this publication indexes journals on hospitals, health planning, and health administration. See the entry under *HEALTH PLANNING AND ADMINISTRATION* in the *Databases* chapter for a description of the online service.

INDEX MEDICUS, CUMULATED INDEX MEDICUS. Bethesda (MD): National Library of Medicine. Vol. 1, No. 1, Jan 1960- .

Index to over 2,700 journals in the biomedical and health fields. Under other titles, coverage back to 1879. Published monthly as *Index Medicus* and annually as *Cumulated Index Medicus*. See entry under *MEDLINE* in the *Databases* chapter for a description of the online service.

INDEX TO DENTAL LITERATURE. Chicago: American Dental Association. 1962- .

An index to articles on dental topics from 761 journals and to papers published in symposia and proceedings. See the entry under *MEDLINE* in the *Databases* chapter for a description of the online service.

INDEX TO HEALTH INFORMATION. Bethesda (MD): Congressional Information

Service. Vol. 1, 1988- .

The publications covered by this index have been selected from four abstract and index services: *CIS Index* (see above), *American Statistics Index* (see above), *Statistical Reference Index* (see below), and *Index to International Statistics* (see below).

INDEX TO INTERNATIONAL STATISTICS. Bethesda (MD): Congressional Information Service. Vol. 1, 1983- .

Identifies, catalogues, describes, and indexes publications of international, intergovernmental organizations.

INDEX TO LEGAL PERIODICALS. Bronx (NY): H.W. Wilson. Vol. 1, 1909- .

An index to legal periodicals published in the United States, Canada, Great Britain, Ireland, Australia, and New Zealand. Also includes yearbooks, annual institutes, and annual reviews. See the entry under *Index to Legal Periodicals* in the *Databases* chapter for a description of the online service.

INDEX TO PERIODICAL LITERATURE ON AGING. Detroit (MI): Lorraine Publications. Vol. 2, No. 2, 1984- .

A cumulative index to English-language periodical literature on aging, as well as a list of books with references to book reviews for each.

INDEX TO SOCIAL SCIENCES & HUMANITIES PROCEEDINGS. Philadelphia: Institute for Scientific Information. Vol. 1, Jan-Mar 1979- .

Listing of published proceedings of conferences, seminars, symposia, colloquia, conventions, and workshops.

INSURANCE PERIODICALS INDEX. Chatsworth (CA): NIS Publishing Co.. 1962- .

Bibliographic citations, with abstracts, to literature on the insurance industry, including health insurance. See the entry under *Insurance Periodicals Index* in the *Databases* chapter for a description of the online service.

INTERNATIONAL BIBLIOGRAPHY. Millwood (NY): Kraus International. Vol. 11, No. 1, Spring 1983- .

Subtitled *Publications of Intergovernmental Organizations*, this listing

is international in scope and includes sections on public health, medical science, social questions, and population.

INTERNATIONAL NURSING INDEX. New York: American Journal of Nursing Co. Vol. 1, 1966- .

Sponsored by the American Nurses' Association and the National League for Nursing and published in cooperation with the National Library of Medicine. See the entry under *MEDLINE* in the *Databases* chapter for a description of the online service.

INTERNATIONAL PHARMACEUTICAL ABSTRACTS. Bethesda (MD): American Society of Hospital Pharmacists. Vol. 1, 1964- .

Citations, with abstracts, to the literature on the development and use of drugs, as well as the clinical, practical, theoretical, scientific, economic, and ethical aspects of professional pharmaceutical practice. See the entry under *International Pharmaceutical Abstracts* in the *Databases* chapter for a description of the online service.

MEDOC. Salt Lake City (UT): University of Utah, Eccles Medical Sciences Library. Vol. 1, 1968-74- .

An index to U.S. government documents in the medical and health sciences. Includes monographic and serial government documents of the United States. Excludes technical reports.

MONTHLY CATALOG OF U.S. GOVERNMENT PUBLICATIONS. Washington: U.S. Government Printing Office. Jan 1951- .

An index to the publications of U.S. government agencies, including the U.S. Congress. Covers Senate and House hearings on bills and laws, as well as agency-sponsored studies, fact sheets, handbooks, subject bibliographies, and conference proceedings. See the entry under *GPO Monthly Catalog* in the *Databases* chapter for a description of the online service.

MONTHLY CHECKLIST OF STATE PUBLICATIONS. Washington: Library of Congress; Vol. 13, Jan 1922- .

A record of state documents issued during the last five years which have been received by the Library of Congress.

NATIONAL LIBRARY OF MEDICINE CURRENT CATALOG. Bethesda (MD): National Library of Medicine. Jan 1966- .

A catalog containing citations to all printed monographs, and printed and audiovisual serials acquired by the National Library of Medicine. See the entry under *CATLINE* in the *Databases* chapter for a description of the online service.

NURSING ABSTRACTS. Forest Hills (NY): Nursing Abstracts Co. Vol. 1, 1979- .

Contains topically-arranged references to English-language journal articles intended to serve as a research tool to nursing literature. Includes sections on nursing management, health care economics, and hospital policies.

PAIS BULLETIN. New York: Public Affairs Information Service. Vol. 72, Oct 1985-  
Sep 1986- .

A selective list of the latest books, pamphlets, government publications, reports of public and private agencies, and periodical articles relating to business, economic, and social conditions, public administration, and international relations published in English throughout the world. See the entry under *PAIS International* in the *Databases* chapter for a description of the online service.

POPULATION INDEX. Princeton (NJ): Princeton University Office of Population Research and Population Association of America. Vol. 3, Jan 1937- .

An index to the literature of population, family planning, maternal and child health care, program operation and evaluation, demography, censuses, vital statistics, and related health, law, and policy issues. See the entry under *POPLINE* in the *Databases* chapter for a description of the online service.

PSYCHOLOGICAL ABSTRACTS. Washington: American Psychological Association. Vol. 1, Jan 1927- .

An index, with abstracts, containing "nonevaluative summaries of the serial literature in psychology and related disciplines." See the entry under *PsycINFO* in the *Databases* chapter for a description of the online service.

SCIENCE CITATION INDEX. Philadelphia: Institute for Scientific Information. Vol. 1,  
1961- .

Contains citations to worldwide literature across a wide range of

scientific and technological disciplines. Covers approximately 4,500 journals. Topics covered include biomedicine, clinical medicine, technology, and applied sciences. See the entry under *SCISEARCH* in the *Databases* chapter for a description of the online service.

**SOCIAL PLANNING, POLICY & DEVELOPMENT ABSTRACTS.** San Diego (CA): Sociological Abstracts. Vol. 1, 1979- .

An index with abstracts to articles on the applied aspects of sociology. Topics covered include program evaluation, social welfare services, and social planning. See the entry under *Social Planning, Policy & Development Abstracts* in the *Databases* chapter for a description of the online service.

**SOCIAL SCIENCE CITATION INDEX.** Philadelphia: Institute for Scientific Information. Vol. 1, 1972- .

Contains over 2.2 million citations to significant articles from the 1,400 most important social sciences journals worldwide and social sciences articles from 4,500 journals in the natural, physical, and biomedical sciences. Topics covered include business and finance, community health, economics, management, sociology, and statistics. See the entry under *Social SCISEARCH* in the *Databases* chapter for a description of the online database.

**SOCIAL SCIENCES INDEX.** Bronx (NY): H.W. Wilson. Vol. 1, 1974- .

An index to periodicals in the social sciences. Subjects covered include community health, public administration, sociology and social work, and gerontology. See the entry under *Social Sciences Index* in the *Databases* chapter for a description of the online service.

**SOCIOLOGICAL ABSTRACTS.** New York: American Sociological Association. Vol. 1, 1953- .

Contains citations, with abstracts, to articles in sociology and related fields. Topics covered include methodology and research, health and knowledge, demography, policy and planning, and social welfare. See the entry under *Sociological Abstracts* in the *Databases* chapter for a description of the online service.

**STATISTICAL REFERENCE INDEX.** Bethesda (MD): Congressional Information Service. Vol. 1, 1980- .

Indexes, with abstracts, statistics contained in publications from

more than 1,000 leading American sources.

UNDOC: CURRENT INDEX. New York: United Nations. Vol. 1, 1979- .

An index to United Nations documents.

WHODOC. Geneva (Switzerland): World Health Organization. 1982- .

Lists documents useful in health administration and for health personnel. Arranged alphabetically by WHO program.

## **DATABASES: ONLINE AND CD-ROM**

*Databases: Online and CD-ROM listed include those that cover clinical medicine, social and behavioral sciences, statistical sources, census and population data, business, legislation and laws, grants, and general information.*

ABI/INFORM [database online]. Louisville (KY): UMI/Data Courier; 1971- . Available from: BRS Information Technologies, McLean, VA  
Data-Star, Wayne, PA  
Dialcom Inc., Rockville, MD  
DIALOG, Palo Alto, CA  
Executive Telecom System, Inc., Indianapolis, IN  
Mead Data Central, Inc., Dayton, OH  
ORBIT Search Service, McLean, VA  
TECH DATA, Englewood, CO  
VU/TEXT Information Services, Inc., Philadelphia, PA

ABI/INFORM ONDISC [database on CDROM]. Ann Arbor (MI): University Microfilms International; most recent five years. Available from: University Microfilms International, Ann Arbor, MI.

Administration and management; business and industry. Contains citations, with abstracts, to the periodical literature in the areas of business and management. Covers over 750 international periodicals. Subjects of interest to health services research include: economics, finance and financial management, health care, personnel, insurance, public administration, and government.

ABLEDATA [database online]. Newington (CT): Newington Children's Hospital; current. Available from: BRS Information Technologies, McLean, VA.

Handicapped/disabled. Contains descriptions of products and equipment useful to persons with disabilities.

AgeLine [database online]. Washington: American Association of Retired Persons, National Gerontology Resource Center; 1978- . Available from: BRS Information Technologies, McLean, VA.

Gerontology. Contains citations, with abstracts, to journal articles, monographs, book chapters, reports, dissertations, conference papers, and research projects in the field of social gerontology.

AIDSLINE [database online]. Bethesda (MD): National Library of Medicine; 1980- . Available from: National Library of Medicine, Bethesda, MD  
BRS Information Technologies, McLean, VA  
Data-Star, Wayne, PA  
DIALOG, Palo Alto, CA  
DIMDI, Cologne, Germany.

AIDSLINE [database on CDROM]. Bethesda (MD): National Library of Medicine; 1980- . Available from: SilverPlatter Information, Inc., Norwood, MA.

Acquired immunodeficiency syndrome. Contains citations, with abstracts, to worldwide literature on AIDS from *MEDLINE* (see below), *CATLINE* (see below), *HEALTH* (see below), and other databases.

ASI (American Statistics Index) [database online]. Bethesda (MD): Congressional Information Service, Inc.; 1973- . Available from: DIALOG, Palo Alto, CA.

STATISTICAL MASTERFILE [database on CDROM]. Bethesda (MD): Congressional Information Service, Inc.; 1989- . Available from: Congressional Information Service, Inc., Bethesda, MD.

Demographics and population, U.S. Federal Government. Contains citations, with abstracts, to publications containing statistical data collected and analyzed by the U.S. government. Includes economic, social, and demographic studies from executive, legislative, and judicial departments, as well as research, administrative, and regulatory agencies. Corresponds to the *American Statistics Index*. See entry in *Abstracts and Indexes* chapter.

BIOETHICSLINE [database online]. Washington: Georgetown University, Kennedy Institute of Ethics; 1973- . Available from: National Library of Medicine, Bethesda, MD.

Bioethics; health care; professional ethics. Contains citations to the literature on many aspects of bioethics from philosophical, legal, and public policy viewpoints. Corresponds to the annual *Bibliography of Bioethics*. See entry in *Abstracts and Indexes* chapter.

BIOTECHNOLOGY ABSTRACTS [database online]. London: Derwent Publications Ltd.; 1982- .

BIOROM: BIOTECHNOLOGY ABSTRACTS ON CD-ROM [database on CDROM]. London: Derwent Publications, Ltd.; 1982- .



Biotechnology. Contains citations and abstracts to journal and patent literature on biotechnology.

BOOKS IN PRINT [database online]. New York: R.R. Bowker; 1900- . Available from BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA.

BOOKS IN PRINT PLUS [database on CDROM]. New York: R.R. Bowker; 1987- . Available from Bowker Electronic Publishing, New York, NY.

Publishers and distributors. Citations to over 1.8 million books currently in-print or declared out-of-print from about 22,000 publishers. Corresponds in part to *Medical and Health Care Books and Serials in Print*. See entry in *Directories* chapter.

CATLINE (CATalog online) [database online]. Bethesda (MD): National Library of Medicine; 1400- . Available from: National Library of Medicine, Bethesda, MD.

Library holdings. *CATLINE* is the National Library of Medicine's catalog of serials and monographs. *CATLINE* contains more than 600,000 records of all published material in the Library's collection, except pamphlets, and dissertations printed from 1801-1950. Corresponds to the printed *National Library of Medicine Current Catalog*. See entry in *Abstracts and Indexes* chapter.

CENDATA [database online]. Washington: U.S. Census Bureau; 1980- . Available from: CompuServe Information Service, Columbus, OH; DIALOG, Palo Alto, CA ; The Glimpse Corporation, Alexandria, VA.

CENSUS TEST DISC #1 [database on CDROM]. Washington: U.S. Census Bureau.

Demographics and population; economics. Contains full text and selected data from Census Bureau reports and other publications.

CIS INDEX [database online]. Bethesda (MD): Congressional Information Service; 1970- . Available from: DIALOG, Palo Alto, CA.

CONGRESSIONAL MASTERFILE 1 [database on CDROM]. Bethesda (MD): Congressional Information Service; 1789-1969. Available from: Congressional Information Service, Bethesda, MD.

CONGRESSIONAL MASTERFILE 2 [database on CDROM]. Bethesda (MD):

Congressional Information Service; 1970- . Available from: Congressional Information Service, Bethesda, MD.

Access to congressional hearings, committee prints, reports, and documents. Includes abstracts and brief legislative histories for public laws. Corresponds to printed *CIS Index*. See entry in *Abstracts and Indexes* chapter.

COMBINED HEALTH INFORMATION DATABASE [database online]. Rockville (MD): Prospect Associates; dates vary by file. Available from: BRS Information Technologies, McLean, VA.

Biomedicine; health care. Contains eight files of information on health education and health promotion for health professionals as well as the general public. Sections are:  
*AIDS in School*. Atlanta (GA): Centers for Disease Control; 1978- .  
*Arthritis*. Bethesda (MD): National Arthritis and Musculoskeletal and Skin Diseases Information Clearinghouse; 1978- .  
*Diabetes*. Bethesda (MD): National Diabetes Information Clearinghouse; 1973- .  
*Digestive Diseases*. Washington: National Digestive Diseases Information Clearinghouse; 1980- .  
*High Blood Pressure*. Bethesda (MD): National Heart, Lung, and Blood Institute; 1981- .  
*Health Education*. Atlanta (GA): Centers for Disease Control; 1977- .  
*Kidney and Urologic Diseases*. Bethesda (MD): National Kidney and Urologic Diseases Information Clearinghouse; 1987- .  
*VA Patient Health Education*. Washington: Veteran's Administration.

COMPREHENSIVE CORE MEDICAL LIBRARY [database online]. McLean (VA): BRS Information Technologies; dates vary by file. Available from: BRS Information Technologies, McLean, VA.

Biomedicine. Contains the full text of current editions of major medical textbooks and medical journals. Some of the journals are the *American Journal of Public Health* (July 1985 to date), *Annals of Internal Medicine* (August 1984 to date), *MMWR (Morbidity and Mortality Weekly Reports)* (June 7, 1985 to date), and the *New England Journal of Medicine* (1983 to date).

CONGRESSIONAL QUARTERLY WEEKLY REPORT [database online]. Washington: Congressional Quarterly, Inc.; 1986- . Available from: DataTimes Corp., Oklahoma City, OK.

U.S. congressional proceedings from January 1986 to the present. Corresponds to *Congressional Quarterly Weekly Report*. See

entry in *Abstracts and Indexes* chapter.

CONGRESSIONAL RECORD ABSTRACTS [database online]. Bethesda (MD): National Standards Association, Inc.; 1981- . Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA.

Based on the *Congressional Record*, the official publication of Congress, includes new bills, debates, statements, cosponsors, hearing notices, summary of daily proceedings. See entry in *Journals* chapter. Corresponds to the *CSI Congressional Record Abstracts - Master Edition*. See entry in *Abstracts and Indexes* chapter.

CONGRESSIONAL STAFF DIRECTORY [database on CDROM]. Mt. Vernon (VA): Staff Directories, Ltd.; current Congress. Available from: Staff Directories, Ltd., Mt. Vernon, VA.

Corresponds to *Congressional Staff Directory*. See entry in *Directories* chapter.

CONSULTANTS AND CONSULTING ORGANIZATIONS DIRECTORY [database online]. Detroit (MI): Gale Research Co.; current information. Available from: Executive Telecom System, Inc., Indianapolis, IN.

Business and industry. Information on approximately 13,000 organizations and individuals available as consultants to business, industry, and government. Includes health and medicine. Corresponds to the *Consultants and Consulting Organizations Directory*. See entry in *Directories* chapter.

CQ'S WASHINGTON ALERT SERVICE [database online]. Washington: Congressional Quarterly, Inc.; 1983- . Available from: Congressional Quarterly, Inc., Washington, DC.

Current information on congressional and Federal activities, including congressional schedules and agendas, legislative action, bill status, recently released congressional documents, floor votes, and member profiles. Corresponds to Congressional Quarterly publications and includes analysis and special reports.

CRISP (Computer Retrieval of Information on Scientific Projects) [database online]. Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Grants; most recent three years. Available from: National Institutes of Health, Division of Research Grants, Bethesda, MD

Grants. *CRISP* is a comprehensive database which contains records describing research in progress that is supported by the U.S. Public Health Service (PHS). It includes extramural programs (grants, research contracts) as well as intramural projects. Two components of the PHS comprise the great majority of records in the system: The National Institutes of Health, and the Alcohol, Drug Abuse, and Mental Health Administration. Also included as part of *Federal Research in Progress* (see below).

CURRENT CONTENTS SEARCH [database online]. Philadelphia: Institute for Scientific Information; current six months. Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA.

Biomedicine, life sciences, science and technology, social sciences and humanities. Contains citations to articles listed in the tables of contents of about 6,500 leading journals in the sciences, social sciences, and arts and humanities. Corresponds to *Current Contents*. See entry in *Abstracts and Indexes* chapter.

DAILY CONGRESSIONAL AND PRESIDENTIAL CALENDAR [database online]. Washington: Bureau of National Affairs, Inc.; current six months. Available from: Dialcom Inc., Rockville, MD.

House, Senate, and Presidential activity for the latest six months, including bills introduced, reported, and signed; committee and subcommittee hearings and reports; and the President's appointments and schedule.

DIODEGENES: WASHINGTON NEWS AND DOCUMENT RETRIEVAL NETWORK [database online]. Arlington (VA): Washington Business Information Inc.; dates vary by publication type. Available from: BRS Information Technologies, McLean, VA

Data-Star, Wayne, PA  
DIALOG, Palo Alto, CA

Health regulation; medical devices and instrumentation. Contains citations to published and unpublished Food and Drug Administration materials covering regulation of drugs and medical devices.

DIRLINE [database online]. Bethesda (MD): U.S. Department of Health and Human Services, Public Health Service, National Library of Medicine, Specialized Information Services; current. Available from: National Library of Medicine, Bethesda, MD.

Information resources. *DIRLINE* (Directory of Information

Resources Online) contains location and descriptive data on organizations which are considered to be information resources. Included are Federal, state, and local government agencies, professional societies, support groups and voluntary associations, information centers, and libraries.

DISSERTATION ABSTRACTS ONLINE [database online]. Ann Arbor (MI): University Microfilms International; 1861- . Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA; TECH DATA, Englewood, CO.

DISSERTATION ABSTRACTS ONDISC [database on CDROM]. Ann Arbor (MI): University Microfilms International; 1861- . Available from: University Microfilms International, Ann Arbor, MI.

Dissertations and theses. Contains citations, with abstracts, to dissertations accepted for doctoral degrees by accredited U.S. educational institutions and over 200 non-U.S. institutions. Since 1980, abstracts have been included. Corresponds to the coverage in *Dissertation Abstracts International* (See entry in *Abstracts and Indexes* chapter.), *American Doctoral Dissertations*, and *Comprehensive Dissertation Index*. Masters' theses (1962-present) are included in the BRS and DIALOG files.

DONNELLEY DEMOGRAPHICS [database online]. Stamford (CT): Donnelley Marketing Information Services; current. Available from: DIALOG, Palo Alto, CA.

Demographics and population. Contains demographic data, current-year estimates, and 5-year projections based on the 1980 U.S. Census of Population and Housing.

EDUCATION INDEX [database online]. Bronx (NY): H.W. Wilson Company; 1983- . Available from: H.W. Wilson Company, Bronx, NY.

EDUCATION INDEX [database on CDROM]. Bronx (NY): H.W. Wilson Company; 1983- . Available from: H.W. Wilson Company, Bronx NY.

Education. Contains citations and abstracts from English-language periodicals, monographs, and yearbooks in the field of education. Subjects include health education, social studies, and psychology and mental health. Corresponds to the printed *Education Index*. See entry in *Abstracts and Indexes* chapter.

ELSS [database online]. Riverwoods (IL): Commerce Clearing House, Inc.; current. Available from: Commerce Clearing House, Inc., Riverwoods, IL.

*ELSS*, the *Electronic Legislative Search System*, provides summaries of Federal legislation introduced during current legislative session; access by bill number, sponsor, and public law number.

EMBASE [database online]. Amsterdam: Elsevier Science Publishers; 1974- . Available from: BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

EXCERPTA MEDICA CD (*CARDIOLOGY, DRUGS AND PHARMACOLOGY, GASTROENTEROLOGY, IMMUNOLOGY AND AIDS, NEUROSCIENCES, PSYCHIATRY*) [databases on CDROM]. Amsterdam: Excerpta Medica Publishing Group; 1980- . Available from: SilverPlatter Information, Inc., Norwood, MA.

EXCERPTA MEDICA LIBRARY SERVICE [database on CDROM]. Amsterdam: Excerpta Medica Publishing Group; 1984-87. Available from: SilverPlatter Information, Inc., Norwood, MA.

Biomedicine. Contains citations, with abstracts, to the medical and biological literature. Subjects of interest to health services researchers include hospital management, health economics, public health, occupational health, and environmental health. Approximately 40% of the citations added to the database each year do not appear in the corresponding *Excerpta Medica* printed abstract journals and indexes.

ENCYCLOPEDIA OF ASSOCIATIONS [database online]. Detroit (MI): Gale Research Co.; current year. Available from: DIALOG, Palo Alto, CA.

GALE GlobalAccess - ASSOCIATIONS [database on CDROM]. Detroit (MI): Gale Research Co.; current. Available from SilverPlatter Information, Inc., Norwood, MA.

Information on over 22,000 U.S. associations and organizations with voluntary members. Corresponds to the *Encyclopedia of Associations*. See entry in *Directories* chapter.

FEDERAL REGISTER ABSTRACTS [database online]. Bethesda (MD): National Standards Association, Inc.; 1977- . Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA; ORBIT Search Service, McLean, VA.

Abstracts of documents published in the *Federal Register* (see *Journals* chapter) from March 1977; includes rules, proposed

rules, and executive issuances. Corresponds to *CSI Federal Register Abstracts Master Edition*. See entry in *Abstracts and Indexes* chapter.

FEDERAL RESEARCH IN PROGRESS [database online]. Springfield (VA): National Technical Information Service; current. Available from: DIALOG, Palo Alto, CA.

Research in progress. Descriptions of research in progress and recently completed research sponsored by Federal Government agencies. Includes life, physical, social, behavioral, and engineering sciences. Includes *CRISP* database (see above).

FOUNDATION DIRECTORY [database online]. New York: The Foundation Center; current information. Available from: DIALOG, Palo Alto, CA.

Descriptions of over 5,000 non-profit, non-government foundations that make grants of at least \$100,000 yearly. Corresponds to *The Foundation Directory*. See entry in *Directories* chapter.

GPO MONTHLY CATALOG [database online]. Washington: U.S. Government Printing Office; 1976- . Available from: CompuServe Information Service, Columbus, OH; DIALOG, Palo Alto, CA.

GOVERNMENT DOCUMENTS CATALOG SERVICE [database on CDROM]. Washington: U.S. Government Printing Office; 1976- . Available from: Auto-Graphics, Inc., Pomona, CA.

GPO CAT/PAC [database on CDROM]. Washington: U.S. Government Printing Office; 1976- . Available from: MARCIVE, Inc., San Antonio, TX.

GPO MONTHLY CATALOG [database on CDROM]. Washington: U.S. Government Printing Office; 1976- . Available from: OCLC, Inc., Dublin, OH.

GPO ON SILVERPLATTER [database on CDROM]. Washington: U.S. Government Printing Office; 1976- . Available from: SilverPlatter Information, Inc., Norwood, MA.

Government documents. Contains citations to the publications of U.S. government agencies. Includes publications of the U.S. Congress as well as congressional hearings, bills, and laws. Also covers agency-sponsored studies, fact sheets, handbooks, subject bibliographies, and conference proceedings. Corresponds to the *Monthly Catalog of U.S. Government*

*Publications.* See entry in *Abstracts and Indexes* chapter.

GRANTS [database online]. Phoenix (AZ): Oryx Press; current. Available from: DIALOG, Palo Alto, CA.

Funding sources, contracts and awards. References to grants offered by Federal, state, and local governments, associations, commercial organizations, and private foundations. Corresponds to the *Directory of Biomedical and Health Care Grants*, and others. See entry in *Directories* chapter.

HEALTH DAILY [database online]. Washington: Warren Publishing, Inc.; 1988- . Available from: Data-Star, Wayne, PA (as part of *PTS NEWSLETTER DATABASE*; from DIALOG, Palo Alto, CA; as part of *PTS NEWSLETTER DATABASE*; from NewsNet, Inc., Bryn Mawr, PA.).

Health care. Contains the full text of *Health News Daily*, a daily newsletter which covers topics such as policy and legislation, health economics, and technology and therapeutics. See entry in *Journals* chapter.

HEALTH DEVICES ALERTS [database online]. Plymouth Meeting (PA): Emergency Care Research Institute (ECRI); 1977- . Available from: DIALOG, Palo Alto, CA.

Medical devices and instrumentation. Contains references to reported medical device problems. Corresponds to the printed *Health Devices Alerts*. See entry in *Journals* chapter.

HEALTH DEVICES SOURCEBOOK [database online]. Plymouth Meeting (PA): Emergency Care Research Institute (ECRI), in conjunction with Biomedical Engineering Decision Support Systems, Akron, OH; current. Available from: DIALOG, Palo Alto, CA.

Medical devices and instrumentation. Contains information on manufacturers, distributors and importers of medical devices. Corresponds to the printed *Health Devices Sourcebook*. See entry in *Directories* chapter.

HEALTH INDUSTRY RESEARCH REPORTS [database online]. Eastchester (NY): JA Micropublishing, Inc.; 1982- . Available from: BRS Information Technologies, McLean, VA.

Health care industry. Contains citations, with abstracts, to research reports on the health industry generally, and on individual industry firms.



HEALTH PLANNING AND ADMINISTRATION [database online]. Bethesda (MD): National Library of Medicine, in cooperation with the American Hospital Association; 1975-. Available from: National Library of Medicine, Bethesda, MD; BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA.

HealthPLAN-CD [database on CDROM]. Bethesda (MD): National Library of Medicine, in cooperation with the American Hospital Association; 1981-. Available from: SilverPlatter Information, Inc., Norwood, MA.

HEALTH PLANNING AND ADMINISTRATION CD-ROM [database on CDROM]. Bethesda (MD): National Library of Medicine, in cooperation with the American Hospital Association; 1981-. Available from: Cambridge Scientific Abstracts, Bethesda, MD.

Health care industry. Contains citations to literature on health care services. Coverage is international and includes subjects such as health care facilities, budgeting and finance, organization, administration, and management, planning, and manpower. Author abstracts are available for about 30% of the citations. Sources include 3,200 journals covered in *MEDLINE*, citations to non-*Index Medicus* journals supplied by the American Hospital Association, and citations to non-journal literature supplied by the National Health Planning Information Center. Corresponds in part to the *Hospital Literature Index*. See entry in *Abstracts and Indexes* chapter.

HEALTHCARE PRODUCT COMPARISON SYSTEM [database on CDROM]. Plymouth Meeting (PA): Emergency Care Research Institute (ECRI); current. Available from: DIALOG, Palo Alto, CA.

Medical devices and instrumentation. Provides brand-name product comparisons for equipment. Information is derived from ECRI's *Product Comparison Systems: Clinical Laboratory, Diagnostic Imaging and Radiology, and Hospital*.

HECLINET (Health Care Literature Information Network) [database online]. Dusseldorf (Germany): Deutsches Krankenhausinstitut e.V. and Technische Universitaet Berlin, Institut fuer Krankenhausbau, Dokumentation Krankenhauswesen, in cooperation with the hospital institutions of Austria, Denmark, Sweden, and Switzerland; 1969-. Available from: DIMDI, Cologne, Germany.

Health care industry. Contains citations, with some abstracts, to literature on hospital administration and non-clinical aspects of health services. Coverage is international and includes journals

as well as relevant monographs, conference proceedings, and reports. Corresponds in part to *Informationsdienst Krankenhauswesen (Health Care Information Service)*.

HOSPITAL FACILITIES [database on CDROM]. Stamford (CT): Donnelley Marketing Information Services; current. Available from: Donnelley Marketing Information Services.

Health Care Industry. Contains data on more than 7000 hospitals in the United States. Provides information on topics such as length of stay, Medicare and Medicaid statistics, and number of discharges.

INDEX TO LEGAL PERIODICALS [database online]. Bronx (NY): H.W. Wilson Company; 1981- . Available from: Mead Data Central, Inc., Dayton, OH (as a *LEXIS* database); from H.W. Wilson, Bronx, NY.

INDEX TO LEGAL PERIODICALS [database on CDROM]. Bronx (NY): H.W. Wilson Company; 1981- . Available from H.W. Wilson Company, Bronx, NY.

Law. Contains citations to articles from legal journals, yearbooks, and annual reviews. Corresponds to the printed *Index to Legal Periodicals*. See entry in *Abstracts and Indexes* chapter.

INSURANCE PERIODICALS INDEX [database online]. Chatsworth (CA): NIS Publishing Co.; 1984- . Available from: DIALOG, Palo Alto, CA; Mead Data Central, Inc., Dayton, OH.

Insurance and insurance industry. Bibliographic citations, with abstracts, to literature on the insurance industry, including health insurance. Corresponds to the *Insurance Periodicals Index*. See entry in *Abstracts and Indexes* chapter.

INTERNATIONAL PHARMACEUTICAL ABSTRACTS [database online]. Bethesda (MD): American Society of Hospital Pharmacists; 1970- . Available from BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

Pharmaceuticals and pharmaceutical industry. Citations, with abstracts, to the literature on the development and use of drugs, as well as the clinical, practical, theoretical, scientific, economic, and ethical aspects of professional pharmaceutical practice. Corresponds to the *International Pharmaceutical Abstracts*. (See entry in *Abstracts and Indexes* chapter.)

LEGAL RESOURCE INDEX [database online]. Belmont (CA): Information

Access Company. 1980- . Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA; Mead Data Central, Dayton, OH; West Publishing Co., St. Paul, MN.

LegalTrac [database on CDROM]. Belmont (CA): Information Access Company.

1980- . Available from: Information Access Company, Belmont, CA.

Index to legal periodicals and newspapers from 1980; sponsored by American Association of Law Libraries.

LEGI-SLATE [database online]. Washington: LEGI-SLATE, Inc.; 1985- . Available from: LEGI-SLATE, Inc., Washington, DC.

Congressional information from January 1978 including bills, votes, committees; full text of every version of all bills and resolutions before Congress; all *Federal Register* (see entry in *Journals* chapter) announcements since January 1981; corresponds to *Congressional Record* (see entry in *Journals* chapter), *Federal Register*, committee reports, *Electronic Washington Post*, and *National Journal*.

LEGI-TECH [database online]. Sacramento (CA): LEGI-TECH; current. Available from: LEGI-TECH, Sacramento, CA.

Information from current legislative session on all bills going through the legislative process in Washington, New York, and California.

LEXIS HEALTH LIBRARY [database online]. Dayton (OH): Mead Data Central, Inc.; dates vary. Available from: Mead Data Central, Inc., Dayton, OH.

Health care, health care industry, legal and regulatory (U.S. federal and state). Contains health-care related decisions from the U.S. Supreme Court and from Federal, state and district courts, many dating back to 1955. Also includes full text of several health-related journals.

MEDIS [database online]. Dayton (OH): Mead Data Central, Inc.; dates vary. Available from: Mead Data Central, Inc., Dayton, OH.

Biomedicine, health care. Contains full-text of more than 65 medical journals, newsletters, and textbooks, as well as *PDQ*, *MEDLINE* (see below), and *Drug Information Fulltext*.

MEDLINE [database online]. Bethesda (MD): National Library of Medicine;

1966- . Available from: National Library of Medicine, Bethesda, MD  
BRS Information Technologies, McLean, VA  
Data-Star, Wayne, PA  
DIALOG, Palo Alto, CA  
Mead Data Central, Inc., Dayton, OH (as a *MEDIS* database)  
PaperChase, Boston, MA.

COMPACT CAMBRIDGE MEDLINE [database on CDROM]. Bethesda (MD): National Library of Medicine; 1976- . Available from: Cambridge Scientific Abstracts, Bethesda, MD.

COMPREHENSIVE MEDLINE [database on CDROM]. Bethesda (MD): National Library of Medicine; 1966- . Available from: EBSCO Electronic Information, Topsfield, MA.

MEDLINE [database on CDROM]. Bethesda (MD): National Library of Medicine; most recent seven years. Available from: DIALOG, Palo Alto, CA.

MEDLINE CLINICAL COLLECTION [database on CDROM]. Bethesda (MD): National Library of Medicine; 1988- . Available from: DIALOG, Palo Alto, CA.

MEDLINE KNOWLEDGE FINDER [database on CDROM]. Bethesda (MD): National Library of Medicine; 1987- . Available from: Aries Systems Corporation, Andover, MA.

MEDLINE ON SILVERPLATTER [database on CDROM]. Bethesda (MD): National Library of Medicine; 1966- . Available from: SilverPlatter Information, Inc., Norwood, MA.

MEDLINE PROFESSIONAL [database on CDROM]. Bethesda (MD): National Library of Medicine; most recent three years. Available from: SilverPlatter Information, Inc., Norwood, MA.

Biomedicine. Provides access to the worldwide biomedical literature. Although the focus is primarily research and clinical practice, also indexes literature on administration, policy issues, health care services, and biomedical technology. Contains references to articles from about 3,400 journals. About 60% of the citations from 1975 forward contain author abstracts. Corresponds to *Index Medicus*, *Index to Dental Literature*, and *International Nursing Index*. See entries in *Abstracts and Indexes* chapter.

MEDSTATS (MEDical STATisticS) [database on disk]. Bethesda (MD): National

Library of Medicine Reference Section; 1914- . Available from: National Library of Medicine (onsite only), Bethesda, MD.

Medical and health statistics. *MEDSTATS* is a computer program that has been developed by the National Library of Medicine to assist users in locating sources of medical statistics. At present, *MEDSTATS* covers books on diseases and disorders from 1914 to the present. Future sections will include general sources of statistics; costs of health and health care; health facilities and services; and health manpower.

NTIS (National Technical Information Service) [database online]. Springfield (VA): National Technical Information Service; 1964- .

Available from: BRS Information Technologies, McLean, VA  
Data-Star, Wayne, PA  
DIALOG, Palo Alto, CA  
ORBIT Search Service, McLean, VA  
STN International, Columbus, OH  
TECH DATA, Englewood, CO

NTIS [database on CDROM]. Springfield (VA): National Technical Information Service; 1983- . Available from: SilverPlatter Information, Inc., Norwood, MA.

NTIS [database on CDROM]. Springfield (VA): National Technical Information Service; 1980- . Available from: DIALOG, Palo Alto, CA.

NTIS DATABASE [database on CDROM]. Springfield (VA): National Technical Information Service; 1988- . Available from: OCLC, Inc., Dublin OH.

Science and technology. Contains citations, most with abstracts, to unrestricted technical reports on U.S. and non-U.S. government-sponsored research and development. Includes coverage of the biological and social sciences as well as business information. Also includes some federally sponsored translations and some non-English language reports. Corresponds to the biweekly publication *Government Reports Announcements & Index (GRA&I)* (See entry in *Abstracts and Indexes* chapter.) and in part to the weekly *Abstract Newsletters*.

NURSING AND ALLIED HEALTH [database online]. Glendale (CA): CINAHL (Cumulative Index to Nursing and Allied Health Literature); 1983- . Available from: BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

NURSING AND ALLIED HEALTH [database on CDROM]. Glendale (CA): CINAHL (Cumulative Index to Nursing and Allied Health Literature); 1983- . Available from: SilverPlatter Information, Inc., Norwood, MA.

NURSING AND ALLIED HEALTH [database on CDROM]. Glendale (CA): CINAHL (Cumulative Index to Nursing and Allied Health Literature); 1983- . Available from: Cambridge Scientific Abstracts, Bethesda MD.

Biomedicine; health care. Contains citations, with some abstracts, to articles in nursing and allied health journals. Also covers relevant articles from MEDLINE and from management, psychological and popular journals, and new books in nursing and allied health fields. Corresponds to the *Cumulated Index to Nursing & Allied Health Literature*. (See entry in *Abstracts and Indexes* chapter.)

NURSING RESEARCH ALERTING NETWORK [database on CDROM]. Bethesda (MD): National Center for Nursing Research; current. Available from: Knowledge Access International, Mountain View, CA.

Nursing. Contains citations, with abstracts, to current nursing research projects, dissertations, and unpublished literature.

OCCUPATIONAL SAFETY AND HEALTH REPORTER [database online]. Washington: Bureau of National Affairs; 1985- . Available from: Executive Telecom System, Inc., Indianapolis, IN.

Full text of this weekly newsletter. Corresponds to *Occupational Safety and Health Reporter*. See entry in *Journals* chapter.

OCLC [database online]. Washington: Library of Congress and participating libraries; 2150 B.C.- . Available from: OCLC, Inc., Dublin, OH.

Library holdings. The OCLC On-Line Union Catalog is a database of over 18 million records of library holdings. Users may identify libraries that have a particular item in their collections and order items from the holding libraries on interlibrary loan.

OPTTEXT [database on CDROM]. Toledo (OH): VLS, Inc.; most recent four years. Available from: TMS, Inc., Stillwater, OK.

Quarterly releases of the *Code of Federal Regulations* and *Federal Register* See entry in *Journals* chapter.

PAIS INTERNATIONAL [database online]. New York: Public Affairs Information Service, Inc.; 1976- . Available from: BRS Information Technologies, McLean,

VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA; Knowledge Index, Palo Alto, CA; TECH DATA, Englewood, CO.

PAIS on CD-ROM [database on CDROM]. New York: Public Affairs Information Service, Inc.; 1987- . Available from: Public Affairs Information Service, Inc., New York, NY.

Economics; social sciences. Contains citations, with abstracts, to literature on business and the social sciences. Corresponds to the printed *PAIS Bulletin*. (See entry in *Abstracts and Indexes* chapter.)

PHARMACEUTICAL AND HEALTHCARE INDUSTRIES NEWS DATABASE [database online]. Richmond (Surrey, England): PJB Publications Ltd.; 1980- . Available from: BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

Health care industry; pharmaceuticals and pharmaceutical industry; medical devices and instrumentation; veterinary sciences. Contains complete text of four newsletters on worldwide pharmaceutical and health care industries.

PHARMACEUTICAL NEWS INDEX (PNI) [database online]. Louisville (KY): UMI/Data Courier; 1974- . Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA; ORBIT Search Service, McLean, VA.

Biomedicine; biotechnology; medical devices and instrumentation; pharmaceuticals and pharmaceutical industry; veterinary sciences. Citations to major pharmaceutical and medical device newsletters.

POPLINE (POPulation information onLINE) [database online]. New York: Columbia University, Center for Population and Family Health, Library/Information Program; Baltimore: Johns Hopkins University, Population Information Program; Princeton (NJ): Princeton University, Office of Population Research; Chapel Hill (NC): University of North Carolina, Carolina Population Center; 1970- . Available from: National Library of Medicine, Bethesda, MD.

POPLINE [database on CDROM]. New York: Columbia University, Center for Population and Family Health, Library/Information Program; Baltimore: Johns Hopkins University, Population Information Program; Princeton (NJ): Princeton University, Office of Population Research; Chapel Hill (NC): University of North Carolina, Carolina Population Center; 1970- . Available from: SilverPlatter Information, Inc., Norwood, MA.

Biomedicine; demographics and population. Contains citations on population, family planning, maternal and child health care, program operation and evaluation, demography, censuses, vital statistics, and related health, law, and policy issues. Materials indexed include journal articles, monographs, technical reports, and unpublished works. The majority of items were published from 1970 to the present, but there are selected citations dating back to 1800s. Corresponds in part to *Population Index*. See entry in *Abstracts and Indexes* chapter.

PsycINFO [database online]. Washington: American Psychological Association; 1967- . Available from: BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

PsycLit [database on CDROM]. Washington: American Psychological Association; 1974- . Available from: SilverPlatter Information, Inc., Norwood, MA.

Psychology. Contains citations with abstracts to the literature of psychology and the behavioral sciences. Corresponds in part to the printed *Psychological Abstracts*. See entry in *Abstracts and Indexes* chapter.

RESEARCH CENTERS AND SERVICES DIRECTORY [database online]. Detroit (MI): Gale Research Co.; current year. Available from: DIALOG, Palo Alto, CA.

Directory. A directory of organizations that support and conduct research. Corresponds to the printed *Research Centers Directory*, *International Research Centers Directory*, *Government Research Directory*, and *Research Services Directory*. See entries in *Directories* chapter.

SCISEARCH [database online]. Philadelphia: Institute for Scientific Information; 1974- . Available from: Data-Star, Wayne, PA; DIALOG, Palo Alto, CA; ORBIT Search Service, McLean, VA; STN International, Columbus, OH.

SCIENCE CITATION INDEX [database on CDROM]. Philadelphia: Institute for Scientific Information; 1980- . Available from: Institute for Scientific Information, Philadelphia, PA.

Science and technology. Contains citations to the literature of biomedicine, clinical medicine, technology, and applied sciences. Corresponds in part to the printed *Science Citation Index*. See entry in *Abstracts and Indexes* chapter.



SERLINE [database online]. Bethesda (MD): National Library of Medicine. Available from: National Library of Medicine, Bethesda, MD.

Periodical holdings. Contains over 70,000 records representing all serials and numbered congresses in the collection of the National Library of Medicine. A limited number of serials that are not in the NLM collection are also included.

SOCIAL PLANNING, POLICY & DEVELOPMENT ABSTRACTS (SOPODA) [database online]. San Diego (CA): Sociological Abstracts, Inc.; 1975- . Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA (as part of *Sociological Abstracts*).

Social services; sociology. Contains citations with abstracts to journals in the social sciences; covers topics such as social welfare, social planning, and program evaluation. Corresponds to the printed *Social Planning, Policy & Development Abstracts*. See entry in *Abstracts and Indexes* chapter.

SOCIAL SCIENCES INDEX [database online]. Bronx (NY): H.W. Wilson Company; 1983- . Available from: H.W. Wilson Company, Bronx, NY.

SOCIAL SCIENCES INDEX [database on CDROM]. Bronx (NY): H.W. Wilson Company; 1983- . Available from: H.W. Wilson Company, Bronx, NY.

Social sciences. Contains citations to articles in the social sciences. Covers economics, environmental sciences, planning and public administration, psychology, social aspects of medicine and sociology. Corresponds to the printed *Social Sciences Index*. See entry in *Abstracts and Indexes* chapter.

SOCIAL SCISEARCH [database online]. Philadelphia: Institute for Scientific Information; 1972- . Available from: BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

SOCIAL SCIENCES CITATION INDEX [database on CDROM]. Philadelphia: Institute for Scientific Information; 1989- . Available from: Institute for Scientific Information, Philadelphia, PA.

Social sciences and humanities. Contains citations to articles in journals in the social sciences. Topics covered include business and finance, community health, economics, management, sociology, and statistics. Corresponds to the *Social Sciences Citation Index*. See entry in *Abstracts and Indexes* chapter.

SOCIOLOGICAL ABSTRACTS [database online]. San Diego (CA): Sociological Abstracts, Inc.; 1963- . Available from: BRS Information Technologies, McLean, VA; Data-Star, Wayne, PA; DIALOG, Palo Alto, CA.

SOCIOFILE/SOPODA [database on CDROM]. San Diego (CA): Sociological Abstracts, Inc.; 1974- . Available from: SilverPlatter Information, Inc., Norwood, MA.

Sociology. Contains citations, with abstracts, to articles in sociology and related fields. Topics covered include methodology and research, health and knowledge, demography, policy and planning, and social welfare. Corresponds to *Sociological Abstracts*. (See entry in *Abstracts and Indexes* chapter.)

STATE NET [database online]. Sacramento, CA: Information for Public Affairs; current legislative session. Available from: Information for Public Affairs, Sacramento, CA.

Legal and regulatory--federal and state. Contains summaries of bills currently before state legislatures in the U.S. and summaries of Federal, state and territorial administrative regulations.

ULRICH'S INTERNATIONAL PERIODICALS DIRECTORY [database online]. New York: R.R. Bowker; current information. Available from: BRS Information Technologies, McLean, VA; DIALOG, Palo Alto, CA.

ULRICH'S PLUS [database on CDROM]. New York: R.R. Bowker; current information. Available from: Bowker Electronic Publishing, New York, NY.

Citations to approximately 145,000 serials including magazines, newsletters, annuals, conference proceedings, and other publications that are published at least every three years. Corresponds to *Ulrich's International Periodicals Directory*. See entry in *Directories* chapter.

UNITED STATES LAW WEEK, DAILY EDITION [database online]. Washington: Bureau of National Affairs, Inc.; 1987- . Available from: Mead Data Central, Dayton, OH; West Publishing Co., St. Paul, MN.

Daily version of *United States Law Week*, reporting and analyzing Supreme Court's case docket, arguments, and general news. Important state supreme court and Federal legal developments. Available from June 1987 on *LEXIS*, from March 1987 on

WESTLAW.

WESTLAW [databases online]. St. Paul (MN): West Publishing Co. Available from: West Publishing Co., St. Paul, MN.

Extensive database system of numerous files covering Federal law, Federal Government contracts, state law libraries, case law, articles from law reviews, etc. Includes *BILLCAST* (all public bills introduced into U.S. House and Senate, except resolutions).

## **ORGANIZATIONS**

*Organizations listed include those covering the fields of biomedicine; health services research; health planning and policy; health legislation and regulation; health economics and business; health manpower and professional education; health facilities and services; health technology, equipment, and drugs; statistics; statistical sources; health information systems; and special issues.*

Accreditation Association for Ambulatory Health Care, Inc.  
9933 Lawler Avenue  
Skokie, IL 60077-3702  
708-676-9610

Agency for Health Care Policy and Research  
2101 East Jefferson Street  
Rockville, MD 20852  
301-227-8364  
(formerly National Center for Health Services Research)

American Association of Homes for the Aging  
1129 20th Street, N.W., Suite 400  
Washington, DC 20036-3489  
202-296-5960

American Association of Preferred Provider Organizations  
401 North Michigan Avenue, Suite 2000  
Chicago, IL 60611  
312-664-6610

American Board of Quality Assurance and Utilization Review Physicians  
4890 West Kennedy Boulevard, Suite 260  
Tampa, FL 33609  
813-286-4411

American College of Health Care Administrators  
325 South Patrick Street  
Alexandria, VA 22314  
703-549-5822

American Council of Life Insurance  
1001 Pennsylvania Avenue, N.W., 5th Floor South

Washington, DC 20004-2599  
202-624-2000

American Enterprise Institute for Public Policy Research  
1150 17th Street, N.W.  
Washington, DC 20036  
202-862-5800

American Group Practice Association  
1422 Duke Street  
Alexandria, VA 22314  
703-838-0033

American Health Care Association  
1201 L Street, N.W.  
Washington, DC 20005  
202-842-4444  
800-321-0343 (Publications)

American Health Foundation  
320 East 43rd Street  
New York, NY 10017  
212-953-1900

American Health Information Management Association  
919 North Michigan Avenue, Suite 1400  
Chicago, IL 60611-1683  
312-787-2672

American Health Planning Association  
P.O. Box 770097  
Oklahoma City, OK 73120  
405-271-6868

American Hospital Association  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-280-6000

American Hospital Association. American College of Healthcare Executives  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-943-0544

American Hospital Association. American Society for Healthcare Human Resources Administration  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-280-6434  
800-621-6712

American Hospital Association. Hospital Data Center  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-280-6523  
312-280-6000

American Hospital Association. Hospital Research and Educational Trust  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-280-6620

American Hospital Association. Healthcare Information and Management Systems Society  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-280-6147

American Hospital Association. Legislative Office  
50 F Street, N.W., Suite 1100  
Washington, DC 20001  
202-638-1100

American Hospital Association. Society for Healthcare Planning and Marketing  
840 North Lake Shore Drive  
Chicago, IL 60611  
312-280-6075

American Managed Care and Review Association  
1227 25th Street, N.W., Suite 610  
Washington, DC 20037  
202-728-0506

American Medical Association  
515 North State Street  
Chicago, IL 60610  
312-464-5000

American Medical Association. Center for Health Policy Research  
515 North State Street  
Chicago, IL 60610  
312-464-5022  
312-464-5849 (fax)

American Medical Association. Council on Medical Education  
515 North State Street  
Chicago, IL 60610  
312-464-5000

American Medical Association. Council on Scientific Affairs  
515 North State Street  
Chicago, IL 60610  
312-464-5000

American Medical Association. Department of Technology Assessment  
515 North State Street  
Chicago, IL 60610  
312-464-5581  
312-464-5841 (Fax)

American Medical Association. Division of Library and Information  
Management  
515 North State Street  
Chicago, IL 60610  
312-464-5000  
312-464-4818  
312-464-5833 (Fax)

American Medical Association. Drug Evaluations  
515 North State Street  
Chicago, IL 60610  
312-464-5000  
312-464-4184 (fax)

American Medical Association. Washington Office  
1101 Vermont Avenue, N.W.  
Washington, DC 20005  
202-789-7400

American Medical Informatics Association  
4915 St. Elmo Avenue  
Suite 302  
Bethesda, MD 20814



301-657-1291

American Medical Peer Review Association  
810 First Street, N.E., Suite 410  
Washington, DC 20002  
202-371-5610

American Medical Review Research Center  
810 First Street, N.E., Suite 420  
Washington, DC 20002  
202-289-7657

American National Standards Institute  
11 West 42nd Street  
New York, NY 10036  
212-642-4900

American Nurses' Association  
600 Maryland Avenue S.W.  
Suite 100  
Washington, DC 20024-2571  
202-554-4444

American Pharmaceutical Association  
2215 Constitution Avenue, N.W.  
Washington, DC 20037  
202-628-4410

American Public Health Association  
1015 15th Street, N.W.  
Washington, DC 20005  
202-789-5600

American Public Welfare Association  
810 First Street N.E., Suite 500  
Washington, DC 20002  
202-682-0100

American Society for Testing and Materials  
1916 Race Street  
Philadelphia, PA 19103  
215-299-5400

American Society of Allied Health Professions  
1101 Connecticut Avenue, N.W., Suite 700  
Washington, DC 20036  
202-857-1150

American Society of Hospital Pharmacists  
7272 Wisconsin Avenue  
Bethesda, MD 20814  
301-657-3000

American Society of Law & Medicine, Inc.  
765 Commonwealth Avenue, 16th Floor  
Boston, MA 02215  
617-262-4990

American Statistical Association  
1429 Duke Street  
Alexandria, VA 22314-3402  
703-684-1221

Association for Computing Machinery, Inc.  
1515 Broadway, 17th Floor  
New York, NY 10036  
212-869-7440  
421686 (Telex)

Association for Health Services Research  
1350 Connecticut Avenue, N.W., Suite 1100  
Washington, DC 20036  
202-223-2477

Association for the Advancement of Medical Instrumentation  
3330 Washington Boulevard, Suite 400  
Arlington, VA 22201  
703-525-4890

Association for Vital Records and Health Statistics  
c/o Frederick L. King  
Minnesota Department of Health  
717 Delaware Street S.E.  
Minneapolis, MN 55414  
612-623-5464

Association of American Medical Colleges

2450 N Street, N.W.  
Washington, DC 20037  
202-828-0642

Association of Biotechnology Companies  
1666 Connecticut Avenue, N.W., Suite 330  
Washington DC 20009-1039  
202-234-3330

Association of Schools in Public Health  
1015 15th Street, N.W., Suite 404  
Washington, DC 20005  
202-842-4668

Association of State and Territorial Health Officials  
6728 Old McLean Village Drive  
McLean, VA 22101  
703-556-9222

Association of University Programs in Health Administration  
1911 North Fort Myer Drive, Suite 503  
Arlington, VA 22209  
703-524-5500

Battelle Human Affairs Research Centers  
Medical Technology Assessment Program  
901 D Street, S.W., Suite 900 Washington, DC 20024  
202-479-0500

Baylor College of Medicine. Center for Ethics, Medicine, and Public Issues  
Houston, TX 77030  
713-798-6290

Biometric Society  
1429 Duke Street, Suite 401  
Alexandria, VA 22314-3402  
703-836-8311

Blue Cross and Blue Shield Association  
676 North St. Clair Street  
Chicago, IL 60611  
312-440-6000

Blue Cross and Blue Shield Association. Technology Evaluation and Coverage

Program  
676 North St. Clair Street, 11th Floor  
Chicago, IL 60611  
312-440-5577

Brandeis University. Bigel Institute for Health Policy  
Heller Graduate School  
415 South Street  
Waltham, MA 02254  
617-736-3900

Brookings Institution  
1775 Massachusetts Avenue, N.W.  
Washington, DC 20036  
202-797-6000

Canadian Hospital Association  
17 York Street, Suite 100  
Ottawa, ON K1N 9J6  
CANADA  
613-238-8005

Center for Health Economics Research  
300 5th Avenue, 6th Floor  
Waltham, MA 02154  
617-487-0200

Center for Health Policy Studies  
9700 Patuxent Woods Drive  
Suite 100  
Columbia, MD 21044  
301-596-7775  
410-381-4203

Center for Health Research  
3800 North Kaiser Center Drive  
Portland, OR 97227  
503-335-2400

Centers for Disease Control  
1600 Clifton Road, N.E.  
Atlanta, GA 30333  
404-639-3286 (Director)  
404-639-3534 (Publications)  
404-639-3311 (all others)

Centers for Disease Control. Division of Birth Defects and Developmental Disabilities  
1600 Clifton Rd  
Atlanta, GA 30333  
404-488-4967

CLARITAS/NPDC  
Healthcare Evaluation System Database  
P.O. Box 610  
20 Terrace Hill  
Ithaca, NY 14850  
607-273-8208

Clearinghouse on Child Abuse and Neglect Information  
P.O. Box 1182  
Washington, DC 20013  
703-385-7565

Columbia University. Center for the Study of Society and Medicine  
College of Physicians and Surgeons  
630 West 168th Street  
New York, NY 10032  
212-305-4184

Commission on Professional and Hospital Activities  
1105 Eisenhower Place  
P.O. Box 304  
Ann Arbor, MI 48106-0304  
313-973-2010

Council of Medical Specialty Societies  
P.O. Box 70  
Lake Forest, IL 60045  
708-295-3456

Council of Professional Associations on Federal Statistics  
1429 Duke Street, Suite 402  
Alexandria, VA 22314  
703-836-0404

Duke University. Center for Health Policy Research and Education

125 Old Chemistry Building  
Durham, NC 27706  
919-684-3023  
919-684-8666 (Fax)

ECRI (Emergency Care Research Institute) Health Devices Program  
5200 Butler Pike  
Plymouth Meeting, PA 19462  
215-825-6000  
510-660-8023 (Telex)  
215-834-1275 (Fax)

Employee Benefit Research Institute  
2121 K Street, N.W., Suite 600  
Washington, DC 20037-2121  
202-659-0670

Epidemiology Resources, Inc.  
1 Newton Executive Park  
Newton Lower Falls, MA 02162-1450  
617-244-1200

Faulkner and Grays Healthcare Information Center  
1133 - 15th St., N.W., Suite 450  
Washington, DC 20005  
202-828-4148

Federation of American Health Systems  
1111 19th Street, N.W., Suite 402  
Washington, DC 20036  
202-833-3090

Food and Drug Administration. Center for Devices and Radiological Health  
1901 Chapman Avenue  
Rockville, MD 20857  
301-443-4190

Food and Drug Administration. Office of Consumer Affairs  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-3170

Foundation Center  
79 Fifth Avenue  
New York, NY 10003  
212-620-4230

800-424-9836

George Washington University. Intergovernmental Health Policy Project  
2021 K Street, N.W.  
Suite 800  
Washington, DC 20006  
202-872-1445

Georgetown University. National Reference Center for Bioethics  
Literature  
Joseph and Rose Kennedy Institute of Ethics  
Healy Hall, Room 102  
37th and O Streets, N.W.  
Washington, DC 20057  
202-687-3885  
800-633-3849

Group Health Association of America  
1129 20th Street, N.W., Suite 600  
Washington, DC 20036  
202-778-3200

Harvard University. Brigham and Women's Hospital  
Center for Cost-Effective Care  
75 Francis Street  
Boston, MA 02115  
617-732-6868

Harvard University. Division of Health Policy Research and Education  
25 Shattuck--Parcel B, 1st Floor  
Boston, MA 02115  
617-432-1325

Hastings Center  
255 Elm Road  
Briarcliff Manor, NY 10510-9974  
914-762-8500

Health Care Financing Administration. Bureau of Eligibility, Reimbursement,  
and Coverage  
East High-Rise Building, Room 401  
6325 Security Boulevard  
Baltimore, MD 21207

410-966-4628

Health Care Financing Administration. News and Information Branch  
200 Independence Avenue, S.W., Room 428-H  
Washington, DC 20201  
202-690-6113

Health Care Financing Administration. Office of Public Affairs  
North Building, Room 4244  
330 Independence Avenue, S.W.  
Washington, DC 20201  
202-245-6183

Health Care Financing Administration. Office of Research and Demonstrations  
Oak Meadows Building, Room 2230  
6325 Security Boulevard  
Baltimore, MD 21207  
410-966-6505

Health Industry Manufacturers Association  
1200 G Street, N.W.  
Suite 400  
Washington, DC 20005  
202-783-8700

Health Insurance Association of America  
Public Affairs Department  
1025 Connecticut Avenue, N.W., Suite 1200  
Washington, DC 20036-3998  
202-223-7782  
800-635-1271

Indian Health Service  
U.S. Public Health Service  
Parklawn Building, Room 6-05  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-1083

Institute for Alternative Futures  
108 North Alfred Street  
Alexandria, VA 22314



703-684-5880

Institute of Medicine  
National Academy of Sciences  
2101 Constitution Avenue, N.W.  
Washington, DC 20418  
202-334-2352

International Hospital Federation  
Washington Office  
50 F Street, N.W., Suite 1100  
Washington, DC 20001  
202-638-1100

Johns Hopkins University. Health Services Research and Development Center  
624 North Broadway  
Baltimore, MD 21205  
410-955-6562

Johns Hopkins Program for Medical Technology and Practice Assessment  
1830 East Monument Street, Room 8068  
Baltimore, MD 21205  
410-955-8294

Joint Commission on Accreditation of Healthcare Organizations  
One Renaissance Boulevard  
Oakbrook Terrace, IL 60675-5751  
708-916-5800

Josiah Macy, Jr. Foundation  
44 East 64th Street  
New York, NY 10021  
212-486-2424

Kaiser Permanente Medical Care Program  
Division of Research  
3451 Piedmont Avenue  
Oakland, CA 94611  
510-450-2000

Mayo Foundation  
Department of Epidemiology

200 First Street, Southwest  
Rochester, MN 55905  
507-284-5540

Medical and Health Research Association  
40 Worth Street, Room 720  
New York, NY 10013  
212-285-0220

Medical Group Management Association. Center for Research in Ambulatory  
Health Care Administration  
104 Inverness Terrace East  
Englewood, CO 80112  
303-799-1111

Medical Technology and Practice Patterns Institute  
2121 Wisconsin Avenue, N.W., Suite 220 Washington, DC 20007  
202-333-8841

Medicine in the Public Interest  
192 South Street, Suite 500  
Boston, MA 02111  
617-728-7977  
617-728-9135 (fax)

MEDSTATS Systems, Inc.  
777 E. Eisenhower Parkway, Suite 500  
Ann Arbor, MI 48108  
313-996-1180  
313-996-3740 (fax)

Metropolitan Life Insurance Company  
Health and Safety Education Division  
One Madison Avenue  
New York, NY 10010-3690  
212-578-3372

Milbank Memorial Fund  
One East 75th Street  
New York, NY 10021  
212-570-4800

National Agricultural Library. Food and Nutrition Information Center  
10301 Baltimore Boulevard

Beltsville, MD 20705  
301-504-5719

National Agricultural Library. Rural Information Center  
10301 Baltimore Boulevard  
Beltsville, MD 20705  
301-504-5547  
800-633-7701

National AIDS Information Clearinghouse  
P.O. Box 6003  
Rockville, MD 20849-6003  
800-458-5231

National Arthritis and Musculoskeletal and Skin Diseases Information  
Clearinghouse  
P.O. Box AMS  
Bethesda, MD 20892  
301-495-4484

National Association for Ambulatory Care  
2333 Ponce de Leon Boulevard, Suite 511  
Coral Gables, FL 33134  
305-441-2421

National Association of Community Health Centers  
1330 New Hampshire Avenue, N.W., Suite 122  
Washington, DC 20036  
202-659-8008

National Association of County Health Officials  
440 First Street, N.W., Suite 500  
Washington, DC 20001  
202-783-5550  
202-783-1583 (fax)

National Association of Health Data Organizations  
254B North Washington Street  
Falls Church, VA 22046  
703-532-3282

National Cancer Institute. Epidemiology and Biostatistics Program

Executive Plaza North, Room 543  
Bethesda, MD 20892  
301-496-1611

National Cancer Institute. Public Inquiries Section  
Building 31, Room 10A24  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-5583

National Cancer Institute. Surveillance, Epidemiology, and End Results  
Program (SEER)  
Executive Plaza North, Room 343J  
Bethesda, MD 20892  
301-496-8510

National Center for Biotechnology Information. National Library of Medicine  
8600 Rockville Pike  
Bethesda, MD 20894  
301-496-2475

National Center for Health Services Research: See listing under Agency for  
Health Care Policy and Research

National Center for Health Statistics  
Scientific and Technical Information Branch  
6525 Belcrest Road, Room 1064  
Hyattsville, MD 20782  
301-436-8500

National Clearinghouse for Alcohol and Drug Information  
P.O. Box 2345  
Rockville, MD 20852  
301-468-2600; 800-SAY-NOTO

National Clearinghouse for Primary Care Information  
8201 Greensboro Drive, Suite 600  
McLean, VA 22102  
703-821-8955 ext 248, 316

National Council of Community Mental Health Centers  
12300 Twinbrook Parkway, Suite 320

Rockville, MD 20852  
301-984-6200

National Diabetes Information Clearinghouse  
Box NDIC, 9000 Rockville Pike  
Bethesda, MD 20892  
301-468-2162

National Digestive Diseases Information Clearinghouse  
P.O. Box NDDIC, 9000 Rockville Pike  
Bethesda, MD 20892  
301-468-6344

National Eye Institute  
Building 31, Room 6A32  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-5248

National Health Council  
1730 M Street N.W., Suite 500  
Washington, DC 20036  
202-785-3910  
202-785-5923 (fax)

National Health Information Center. Office of Disease Prevention and Health  
Promotion  
P.O. Box 1133  
Washington, DC 20013-1133  
301-565-4167  
800-336-4797

National Heart, Lung, and Blood Institute  
Building 31, Room 4A21  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-4236

National Institute for Occupational Safety and Health  
1600 Clifton Road, N.E., Building 1, Room 3106  
Atlanta, GA 30333  
404-639-3061

National Institute for Occupational Safety and Health. Technical Information  
Robert A. Taft Laboratories  
4676 Columbia Parkway  
Cincinnati, OH 45226-1998  
800-356-4674  
513-533-8287 (publications)

National Institute of Allergy and Infectious Diseases  
Office of Communications  
Building 31, Room 7A50  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-5717

National Institute of Arthritis and Musculoskeletal and Skin Diseases  
Building 31, Room 4C05  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-8188

National Institute of Child Health and Human Development  
Information Office  
Building 31, Room 2A32  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-5133

National Institute of Dental Research  
Building 31, Room 2C35  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-4261

National Institute of Environmental Health Sciences  
P.O. Box 12233  
Research Triangle Park, NC 27709  
919-541-3345

National Institute of General Medical Sciences  
Building 31, Room 4A52

9000 Rockville Pike  
Bethesda, MD 20892  
301-496-7301

National Institute of Mental Health. Public Inquiries Branch  
Parklawn Building, Room 15C05  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-4513

National Institute of Mental Health. Division of Applied and Services Research  
Parklawn Building  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-3683

National Institute of Neurological Disorders and Stroke  
Building 31, Room 8A16  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-5751

National Institute on Aging  
Building 31, Room 5C27  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-1752

National Institute on Alcohol Abuse and Alcoholism  
Division of Biometry and Epidemiology Parklawn Building, Room 16-C-26  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-4897

National Institute on Deafness and Other Communication Disorders  
Building 31, Room 3C35  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-7243

National Institutes of Health  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-4000

See also individual institutes.

National Institutes of Health. Division of Research Grants. Information Systems Branch. CRISP (Computer Retrieval of Information on Scientific Projects)

Westwood Building, Room 148  
5333 Westbard Avenue  
Bethesda, MD 20892  
301-496-7543

National Institutes of Health. PROPHET  
Biotechnology Resources Program Branch Division of Research Resources  
5333 Westbard Avenue, Room 8A11  
9000 Rockville Pike  
Bethesda, MD 20892  
301-496-5411

National Kidney and Urologic Diseases Clearinghouse  
Box NKUDIC  
9000 Rockville Pike  
Bethesda, MD 20892  
301-468-6345

National League for Nursing  
350 Hudson Street  
New York, NY 10014  
212-989-9393

National Library of Medicine  
8600 Rockville Pike  
Bethesda, MD 20894  
800-272-4787

National Library of Medicine. Lister Hill Center for Biomedical Communications  
8600 Rockville Pike  
Bethesda, MD 20894  
301-496-4441

National Maternal and Child Health Clearinghouse  
8201 Greensboro Drive, Suite 600  
McLean, VA 22102  
703-821-8955 ext 254, 265  
703-821-2098 (fax)



National Medical Association  
1012 10th Street, N.W.  
Washington, DC 20001  
202-347-1895

National Rural Health Association  
301 East Armour Boulevard, Suite 420  
Kansas City, MO 64111  
816-756-3140

National Science Foundation  
1800 G Street, N.W., Room 527  
Washington, DC 20550  
202-357-9498

National Science Foundation. Division of Science Resources Studies  
Directorate for Social, Behavioral and Economic Sciences  
2000 L Street N.W., Room 609  
Washington, DC 20550  
202-634-4622

National Science Foundation. Pittsburgh Supercomputing Center  
4400 Fifth Avenue  
Pittsburgh PA 15213  
412-268-4960

National Women's Health Network  
1325 G Street, N.W.  
Washington, DC 20005  
202-347-1140

Northwestern University. Center for Health Services and Policy Research  
629 Noyes Street  
Evanston, IL 60208-4170  
708-491-5643  
708-491-2202 (fax)

Office of Disease Prevention and Health Promotion  
Mary E. Switzer Building  
330 C Street, S.W., Room 2132  
Washington, DC 20201  
202-205-8611

Office of Technology Assessment Health Program  
Congress of the United States  
Washington, DC 20510  
202-224-9241 (Congressional and Public Affairs)  
202-228-6150 (Information Center)  
202-224-8996 (Publications)  
202-228-6590 (Health Program)

Parklawn Health Library  
U.S. Public Health Service  
Parklawn Building, Room 13-12  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-2673

The Pew Charitable Trusts  
2 Commerce Square  
2000 Market Street, Suite 1700  
Philadelphia, PA 19103-7017  
215-575-9050

Pharmaceutical Medical Services  
3335 Arlington Heights Road, Suite G  
Arlington Heights, IL 60005  
708-259-8895

Physician Payment Review Commission  
2120 L Street, N.W., Suite 510  
Washington, DC 20037  
202-653-7220

Project HOPE (Health Opportunities for People Everywhere)  
Carter Hall  
Millwood, VA 22646  
703-837-2100  
800-544-4673

Project HOPE  
Center for Health Affairs  
2 Wisconsin Circle, Suite 500  
Chevy Chase, MD 20815  
301-656-7401

301-654-0629 (fax)

Prospective Payment Assessment Commission  
300 Seventh Street, S.W., Suite 301B Washington, DC 20024  
202-401-8986

Public Health Foundation  
1220 L Street, N.W., Suite 350  
Washington, DC 20005  
202-898-5600

Rand Corporation  
1700 Main Street  
Santa Monica, CA 90406  
213-393-0411

Research Information Center [formerly National Gerontology Resource  
Center]  
601 E Street, N.W.  
Washington, DC 20049  
202-434-6240

Research Triangle Institute  
P.O. Box 12194  
Research Triangle Park, NC 27709  
919-541-6000

Robert Wood Johnson Foundation  
College Road and U.S. Route 1  
P.O. Box 2316  
Princeton, NJ 08543-2316  
609-452-8701

Rush University. Center for Health Management Studies  
202 Academic Facility  
1753 West Congress Parkway  
Chicago, IL 60612  
312-942-5402

Society for Epidemiologic Research  
c/o American Journal of Epidemiology  
2007 East Monument Street  
Baltimore, MD 21205

410-955-3441

Society for Medical Decision Making  
George Washington University  
Office of CME  
2300 K Street N.W.  
Washington, DC 20037  
202-994-8929  
202-994-1791 (fax)

State University of New York at Buffalo. Health-Care Instruments and Devices  
Institute  
105 Parker Hall  
3435 Main Street  
Buffalo, NY 14214  
716-831-2446

Union of American Physicians and Dentists  
1330 Broadway, Suite 730  
Oakland, CA 94612  
510-839-0193

United Hospital Fund of New York  
55 Fifth Avenue  
New York, NY 10003  
212-645-2500 Ext. 260

United Nations. Statistical Office of the United Nations  
New York, NY 10017  
212-963-1234

United Nations. World Health Organization Liaison Office  
United Nations Plaza  
New York, NY 10017  
212-963-6132

U.S. Air Force. Medical Support Agency  
Air Force Biostatistics  
Brooks Air Force Base, TX 78235-5000  
512-536-4037

U.S. Bureau of the Census  
Data Users Services Division  
Washington, DC 20233  
301-763-4100

United States Conference of Local Health Officers  
1620 I Street, N.W.  
Washington, DC 20006  
202-293-7330

U.S. Department of Commerce. Patent Depository Library Program  
Patent and Trademark Office  
Washington, DC 20231  
703-308-3924

U.S. Department of Labor. Bureau of Labor Statistics  
441 G Street, N.W.  
Washington, DC 20212  
202-606-5703

U.S. Department of Veterans Affairs  
Health Services Research And Development Service (12B)  
810 Vermont Avenue, N.W.  
Washington, DC 20420  
202-535-7156  
202-535-7737 (fax)

U.S. General Accounting Office  
Office of Public Information  
441 G Street, N.W., Room 7049  
Washington, DC 20548  
202-275-2812

*U.S. GOVERNMENT, CONGRESSIONAL BRANCH*

CAPITOL SWITCHBOARD:  
202-224-3121 to reach committee and subcommittee offices for copies  
of committee reports and hearings.

CLOAKROOM TAPES: Tape recordings with information about passage of  
bills; updated information until bill is printed.

House Cloakroom Tape:  
202-225-1600 or 7400  
Senate Cloakroom Tape: 202-224-8541

DAILY CALENDAR INFORMATION: Recorded messages of proceedings when Congress is in session.

House: 202-225-7400 (Democratic)  
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Senate: 202-224-8541 (Democratic)  
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DOCUMENT ROOMS: Free copies of bills, committee reports, conference reports, public laws, and calendars.

House Document Room: 202-225-3456  
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STATUS OF LEGISLATION: Office of Legislative Information, 202-225-1772, for information on the status of current legislation, bills introduced by any member of Congress, or bills introduced on any subject; online access to detailed information on bills beginning with 1973.

WHITE HOUSE EXECUTIVE CLERK'S OFFICE: 202-456-2226 for information on when a bill reaches the President, deadline for signing, and date of signing.

WHITE HOUSE RECORDS: Office of the Executive Clerk at the White House, 202-456-2226, for information on when a bill was signed or vetoed and the dates of Presidential messages, Executive orders, and other Presidential actions.

## *CONGRESSIONAL COMMITTEES*

### *SENATE*

Agriculture, Nutrition, and Forestry  
Subcommittee on Nutrition and  
Russell Senate Office Building 328A  
Washington, DC 20510  
202-224-2035

Committee  
Investigations

Appropriations Committee  
Subcommittee on Labor, Health and  
Dirksen Senate Office Building 186  
Washington, DC 20510  
202-224-7254

Human Services, Education

Finance Committee  
Subcommittee on Health for Families  
Dirksen Senate Office Building 205  
Washington, DC 20510  
202-224-4515

and the Uninsured

Finance Committee  
Subcommittee on Medicare and Long-  
Dirksen Senate Office Building 205  
Washington, DC 20510  
202-224-4515

Term Care

Labor and Human Resources  
Dirksen Senate Office Building 428  
Washington, DC 20510  
202-224-5465

Committee

Select Committee on Indian Affairs  
Hart Senate Office Building 838  
Washington, DC 20510  
202-224-2251

41 Special Committee on Aging  
Washington, DC 20510  
202-224-5364

Dirksen Senate Office Building G-

Veterans' Affairs Committee  
Russell Senate Office Building 414  
Washington, DC 20510  
202-224-6202

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Agriculture Committee

Subcommittee on Domestic  
and Nutrition  
1301 Longworth House Office  
Washington, DC 20515  
202-225-1867

Marketing, Consumer Relations,  
Building

Appropriations Committee  
Subcommittee on Labor, Health and  
2358 Rayburn House Office Building  
Washington, DC 20515  
202-225-3508

Human Services, Education

Energy and Commerce Committee  
Subcommittee on Health and the  
2415 Rayburn House Office Building  
Washington, DC 20515  
202-226-0130

Environment

Select Committee on Aging  
712 House Annex 1 Building  
300 New Jersey Avenue, S.E.  
Washington, DC 20515  
202-226-3375

Subcommittee on Health and Long-  
377 House Annex 2 Building, Second  
Washington, DC 20515  
202-226-3381

Term Care  
and D Streets, S.W.

Select Committee on Narcotics Abuse  
H2-234 House Annex 2 Building,  
Washington, DC 20515  
202-226-3040

and Control  
Second and D Streets, S.W.

Ways and Means Committee  
Subcommittee on Health (Medicare,  
1114 Longworth House Office  
Washington, DC 20515  
202-225-7785

National Health Insurance)  
Building

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Chief of Staff  
White House  
1600 Pennsylvania Avenue, N.W.  
Washington, DC 20500  
202-456-1414

Office of Management and Budget  
252 Old Executive Office Building  
Washington, DC 20500  
202-395-4840

Office of National Drug Control Policy  
174 Old Executive Office Building  
Washington, DC 20500  
202-467-9800

Office of Policy Development  
White House  
1600 Pennsylvania Avenue, N.W.  
Washington, DC 20500  
202-456-2372

Office of Science and Technology Policy  
360 Old Executive Office Building  
Washington, DC 20500  
202-456-7116

Office of the Vice President  
White House  
1600 Pennsylvania Avenue, N.W.  
Washington, DC 20500  
202-456-7125

*FEDERAL REGISTER*: 202-523-5227  
for date and location of recent items in the *Federal Register*; help in  
using the *Code of Federal Regulations*.

FEDERAL REGISTER PUBLIC INFORMATION OFFICE:  
202-523-5240 for single copies of the *Federal Register* until supplies  
are exhausted; up to 10 pages of photocopies for a fee.

WHITE HOUSE RECORDS: Office of the Executive Clerk at the White House, 202-456-2226, for dates that executive orders and presidential proclamations appeared in the *Federal Register*.

U.S. Public Health Service. Bureau of Health Professions  
Health Resources and Services Administration  
Parklawn Building, Room 805  
5600 Fishers Lane  
Rockville, MD 20857  
301-443-5794

U.S. Public Health Service. Office of Coordinated Care for Policy and Planning  
330 Independence Avenue S.W., Room 4360  
Washington, DC 20201  
202-619-0815

U.S. Social Security Administration  
Office of Public Affairs  
West High Rise Building, Room 4200 6401 Security Boulevard  
Baltimore, MD 21235  
410-965-1720

U.S. Social Security Administration. Office of Research and Statistics  
4-C-15 Operations Building  
6401 Security Boulevard  
Baltimore, MD 21235  
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U.S. Social Security Administration  
Social Security Administration Library  
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Universite Catholique de Louvain. Center for Research on the Epidemiology  
of Disasters  
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Room AV-617, Statistical Consulting Clinic  
Los Angeles, CA 90024  
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Box 100177, Health Science Center  
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420 Delaware Street Southeast  
Minneapolis, MN 55455  
612-624-6151

University of North Carolina at Chapel Hill. Cecil G. Sheps Center for Health  
Services Research  
Chase Hall, Campus Box #7490  
Chapel Hill, NC 27599  
919-966-5011

University of Pennsylvania. Center for Health Policy. Leonard Davis Institute  
of Health Economics  
3641 Locust Walk  
Philadelphia, PA 19104  
215-898-9400

University of Wisconsin. Center for Health Systems Research and Analysis  
11th Floor, WARF  
610 Walnut Street  
Madison, WI 53705  
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Vanderbilt University. John F. Kennedy Center for Research on Education and  
Human Development  
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