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## Allied Health

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MEDICAL LIBRARY ASSOCIATION GUIDES

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**The Medical Library Association's  
Master Guide to Authoritative  
Information Resources in  
the Health Sciences**

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# 1. Allied Health

*Services in the care of patients other than a physician or registered nurse; includes a variety of therapy technicians (e.g., pulmonary), radiology technicians, and physical therapists, among many other practitioners.*

—*Stedman's Medical Dictionary*, 28th ed. (2006)

Contributor: Carol L. Watwood

## Monographs

*Atlas of Human Anatomy*. 5th ed. Author: Frank H. Netter. Saunders/Elsevier, 2010.

ISBN: 9781416059516

See Also Chapter 24. Anatomy

Recommended for: Hospital, Academic, Consumer Health Libraries

*Doody's Core Titles Selection*

This posthumous edition of Netter's classic atlas revises and updates the most popular anatomy book in the English language. Frank Netter, who died in 1991, was a physician-turned-medical illustrator. Netter's clear, beautiful color illustrations are instantly recognizable and suitable for study by health students in all fields. The 540 pictures include some newer plates in the Netter style. A CD-ROM included with the *Atlas* allows downloading of images for use in lectures and presentations. An accompanying STUDENT CONSULT website, which includes examination review questions and other supplementary material, is available at <http://netteranatomy.com> for individuals who purchase the print textbook. This work is listed in *Resources for College Libraries*, and it is considered an essential purchase by *Doody's Core Titles*. The *Atlas of Human Anatomy* is highly recommended for large consumer collections and both hospital and academic libraries.

*Clinically Oriented Anatomy*. 6th ed. Authors: Keith L. Moore, Arthur F. Dalley, Anne M.R. Agur. Lippincott Williams & Wilkins, 2010.

ISBN: 9780781775250

See Also Chapter 24.4. Regional Anatomy

Recommended for: Hospital, Academic Libraries

Brandon/Hill, *Doody's Core Titles Selection*

*Clinically Oriented Anatomy* is a *Doody's Core Titles* essential purchase selection. This textbook/reference book offers

students a practical, functional approach to anatomy as it relates to primary care, emergency care, surgery, and diagnostic imaging. "Blue boxes" throughout the text relate anatomic structures to clinical conditions. Boldface type, summary tables, and icons highlight and summarize key information. Supplemental online information offered through a companion website includes searchable full text, video podcasts, case studies, and multiple-choice questions for examination review. The book is recommended for college and hospital libraries serving health sciences students; it is especially appropriate for allied health students because of its pragmatic approach.

*Diseases of the Human Body*. 5th ed. Authors: Carol D. Tamparo, Marcia A. Lewis. F.A. Davis, 2011.

<http://www.r2library.com/> (4th ed.)

ISBN: 9780803625051

Recommended for: Hospital, Academic Libraries

Brandon/Hill Selection

This perennial best seller appears in *Resources for College Libraries* and the 2003 Brandon/Hill allied health list; it also received five stars from *Doody's Review Service*. It supplies basic information on 350 diseases and conditions. Illustrations, case studies, and patient education information are included, along with new and emerging diseases and mental disorders. The diseases are grouped by topic, in a format designed for classroom study and review rather than ready reference. Case studies and review questions aid study; an answer key, glossary, appendixes, and an index follow the text. The authors also discuss complementary and integrative medicine. The book is recommended for hospital and academic libraries serving beginning health sciences students. This review refers to the fourth edition.

*Diversified Health Occupations*. 7th ed. Authors: Louise Simmers, Karen Simmers-Nartker, Sharon Simmers-Kobelak. Delmar Cengage Learning, 2009.

ISBN: 9781418030216

Recommended for: Hospital, Academic Libraries

Brandon/Hill Selection

With a textbook-style layout, *Diversified Health Occupations* is designed for classroom teaching. The page design is colorful and visually appealing; key terms and concepts

are highlighted. The clear color photographs and diagrams are up-to-date and of good quality. The first part of the book covers basic health care concepts and skills: history of health care, trends, health care systems (U.S. oriented), professionalism, legal and ethical responsibilities, and other topics relating to health and health promotion. The authors present basic information on searching and evaluating health information online. The second part covers special health care skills and tasks commonly performed by allied health professionals, such as patient transfer, perioperative care, and laboratory testing. A large amount of information is conveyed in this text: for example, the U.S. Health Insurance Portability and Accountability Act (HIPAA), blood pressure measure and guidelines, infection control, the food pyramid, and much more. The well-organized information contains a detailed table of contents and a glossary; its thorough index aids in quick retrieval of information. A CD-ROM with quizzes, animations, games, and supplementary activities is included with the printed textbook. A workbook, companion website, and other teaching aids are also available. This book is highly recommended for undergraduate, community college, or hospital libraries serving allied health students. It is a 2003 Brandon/Hill allied health first-purchase selection; it is also included in the 2009 *Resources for College Libraries*.

***Drug Information Handbook: A Comprehensive Resource for All Clinicians and Healthcare Professionals.*** 18th ed. Editor: Charles F. Lacy. Lexi-Comp/American Pharmacists Association, 2009.

ISBN: 9781591952541

Recommended for: Hospital, Academic, Consumer Health Libraries

Drug information is essential for a good health reference collection, given that an estimated 12.6 prescriptions per person (excluding over the counter and herbal products) were filled in the United States in 2007 (Kaiser Family Foundation, 2008). Understanding actions and interactions among these many products is vital for all members of the health care team. The *Drug Information Handbook* contains more than 1,400 drug monographs covering over 5,000 medications. Entries give generic and proprietary names, use in pregnancy/lactation, contraindications and warnings, adverse effects ranked by frequency of occurrence, interactions, stability and storage, dosage and dosage forms, mechanism of action, pharmacokinetics/dynamics, and other patient information. Written with practitioners in mind, the *Handbook* is recommended for hospital and college libraries. It would also benefit large consumer health collections.

***Encyclopedia of Careers and Vocational Guidance.*** 15th ed. Ferguson/Facts on File, 2011.

<http://ferguson.infobasepublishing.com/>

<http://www.ebrary.com/>

ISBN: 9780816083138

ISBN: 9781438135465 (Online)

Recommended for: Academic, Consumer Health Libraries

The wide variety of allied health careers often brings students and the public to the library to research career opportunities. In addition, some programs in the health sciences turn away applicants who may investigate other health careers. Furthermore, a common classroom assignment for entry-level students is to research a career. *Encyclopedia of Careers and Vocational Guidance*, aptly described by *Resources for College Libraries (RCL)* as "similar to an expanded version of *Occupational Outlook Handbook*," is one of the best general sources for investigating career choices. It contains health careers excluded from the *Occupational Outlook Handbook* and offers detailed information about nearly 100 industries and more than 700 careers. The history of each career is given, along with sidebars containing additional facts and information such as terminology and interesting statistics. Addresses and websites for key organizations and other sources of information about the career are supplied. Detailed articles include background information, structure of the career, and further resources. The book also provides information on job skills, job hunting, and resume writing. Black-and-white photographs, indexes, and useful appendixes are included. Ferguson is an imprint of Facts on File and publishes *Exploring Health Care Careers*, which contains different material and targets the high-school audience. The *Encyclopedia* is also available online as part of Ferguson's Career Guidance Center. This work is recommended for undergraduate, community college, and public libraries. This review refers to the fourteenth edition.

***Gale Encyclopedia of Medicine.*** 3rd ed. Editor: Jacqueline L. Longe. Gale Cengage, 2006.

<http://www.gale.cengage.com/gvri/>

ISBN: 9781414403687

ISBN: 9781414404851 (Online)

See Also Chapter 33.1. Consumer Health Information

Recommended for: Hospital, Academic, Consumer Health Libraries

*Doody's Core Titles Selection*

Attractively produced and illustrated, this readable, five-volume consumer health encyclopedia—with 1,750 signed, alphabetically arranged articles—is also appropriate for allied health and other undergraduate students.

Health professionals or medical writers compose articles, which are reviewed for accuracy. Disease/disorder and test/treatment articles are written in standardized sections so that readers can quickly locate information. Coverage of diseases and disorders includes causes, diagnosis, treatment, prognosis, and prevention; entries on tests and treatments cover purpose, precautions, aftercare, risks, and results. Key terms are listed and defined, and selected references are provided. Articles may be printed, e-mailed, downloaded, translated into eleven languages, or put on an MP3 player. *The Gale Encyclopedia of Medicine* is one of a number of useful health-related encyclopedias; these products are also available online through the Gale Virtual Reference Library (GVRL). Libraries can create a custom e-book collection of Gale reference books and use the GVRL to search them as a group by keyword, subject heading, or advanced search screen. The GVRL may also be cross searched with Health Reference Center Academic using Gale PowerSearch. *The Gale Encyclopedia of Medicine*, but not all the Gale health encyclopedias, is included in the Gale Health & Wellness Resource Center. This set is highly recommended for consumer health collections and hospital, undergraduate, and public libraries.

***Gale Encyclopedia of Nursing & Allied Health.*** 2nd ed. Editor: Jacqueline L. Longe. Gale Cengage, 2006.  
<http://www.gale.cengage.com/gvrl/>  
ISBN: 9781414403748  
ISBN: 9781414410449 (Online)  
Recommended for: Hospital, Academic, Consumer Health Libraries

The 2002 edition of this unique, five-volume work was "highly recommended" and selected as an "outstanding title" by *Choice* in 2002, which further noted Gale's "solid reputation for publishing comprehensive encyclopedias." The second edition received five stars from *Doody's* (2007), which described it as a "worthy investment for college and hospital libraries." The 930 signed entries, many authored by allied health professionals, are written in a standardized format useful to undergraduate allied health students completing classroom assignments. Entries include diseases, tests, equipment, biology, current health issues, and nursing and allied health professions. Each entry begins with a definition, highlights key terms that may be unfamiliar to readers, and ends with a bibliography of print and online resources. According to the book's introduction, it intends to "fill a gap between health information designed for laypeople and that provided for medical professionals, which may be too complicated for the beginning student to understand." The familiar encyclopedia format serves as a helpful introduc-

tion to college-level course work. Attractively produced with good-quality color illustrations, this set is similar to Gale's other useful health encyclopedias such as those on medicine, diets, and complementary medicine. The multi-volume work is available online, collectively or à la carte, as part of the Gale Virtual Reference Library. The publication's main disadvantage is its relatively high cost; libraries with limited budgets might substitute the less expensive (or free) *Merck Manuals*, *Taber's*, the *Encyclopedia of Careers and Vocational Guidance*, the various free NIH websites, and the *Occupational Outlook Handbook*. This publication is recommended for college and undergraduate libraries; it would also benefit hospital libraries serving undergraduate students.

***Health Care Careers Directory 2009–2010.*** 37th ed. American Medical Association, 2009.  
ISBN: 9781603591041  
Recommended for: Hospital, Academic Libraries  
Brandon/Hill Selection

This useful, annual publication provides information on 8,200 different programs preparing health sciences students for 81 different careers. A perennial favorite under several previous titles, as the *Health Professions Education Directory* it was an initial purchase selection in the 2003 Brandon/Hill allied health list. Comparison charts allow students to compare different programs within each profession. Data comparison tables allow prospective students to compare different occupations. The history, duties, job outlook, educational program descriptions, and licensure requirements are given for each field. This work is highly recommended for academic and other libraries serving students interested in allied health or other undergraduate health sciences programs.

***Introduction to the Health Professions.*** 5th ed. Authors: Peggy S. Stanfield, Y.H. Hui, Nanna Cross. Jones & Bartlett, 2009.  
ISBN: 9780763758233  
Recommended for: Academic, Consumer Health Libraries  
Brandon/Hill Selection

Peggy Stanfield's best-selling *Introduction to the Health Professions*, listed in the 2009 edition of *Resources for College Libraries*, provides a good overview of health occupations for beginning college students. The first part supplies an introduction to the U.S. health care system, payment for care, and health career planning. The second part discusses professions involving patient care, and part three reviews other health-related professions. Salaries, other sources of information, resumes, and job searching are also addressed. The authors cover

duties, job opportunities, and training requirements for more than 75 careers. Stanfield's book, unlike the more encyclopedic works that are recommended, is suitable for a classroom text or for cover-to-cover reading. The book is recommended for undergraduate and public libraries.

**Magill's Medical Guide.** 4th ed. Editor: Anne Chang. Salem Health, 2008.

<http://health.salempress.com/>

ISBN: 9781587653841

Recommended for: Hospital, Academic, Consumer Health Libraries

This five-volume set, widely held by libraries, has more than 1,000 signed, alphabetically arranged entries in a format designed for ready reference and report writing. According to the publisher, the *Guide* covers "diseases, disorders, treatments, procedures, specialties, anatomy, biology, and issues in an A-Z format, with sidebars addressing recent developments in medicine and concise information boxes for all diseases and disorders." Articles are substantial, up-to-date, and well written. Although the set is less eye-catching and less costly than its major competitor, the *Gale Encyclopedia of Medicine*, it serves as a useful, quality reference work. *Magill's Medical Guide* is highly recommended for medical, public, and general academic libraries.

**Medical Terminology: A Short Course.** 5th ed. Author: Davi-Ellen Chabner. Saunders Elsevier, 2009.

ISBN: 9781416055181

Recommended for: Hospital, Academic, Consumer Health Libraries

Learning medical language is essential in all health fields. In the well-published field of medical terminology, Davi-Ellen Chabner's *Medical Terminology: A Short Course* was designed to "fill a niche in the education of allied health professionals." The book has a proven track record of successful use by students with no background in life sciences or medicine. This best seller received a four-star review from *Doody's Review Service*. Simple, clearly-labeled color photos and diagrams highlight the text; two accompanying CD-ROMs include interactive activities and animations. Chabner includes case studies and vignettes illustrating the terminology. The text/workbook format emphasizes the body as a whole. Helpful appendixes include lab tests, a glossary, word parts glossary, health careers, answer key, radiologic terms, Spanish/English terms, and an index. Individuals can purchase this work as a combined textbook/e-book package. Although useful in many library settings, this

book, like most similar titles, is better suited for individual purchase. It is recommended for undergraduate and community college libraries.

**Mosby's Dictionary of Medicine, Nursing & Health Professions.** 8th ed. Mosby Elsevier, 2009.

<http://corp.credoreference.com/>

ISBN: 9780323049375

ISBN: 9780323065665

See Also Chapter 33.1. Consumer Health Information  
Recommended for: Hospital, Academic, Consumer Health Libraries

Brandon/Hill Selection

Mosby's clearly written nursing and health professions dictionary is a 2003 Brandon/Hill nursing list selection and an allied health first-purchase selection. Its easy-to-read type and thumb tabs facilitate use. This dictionary's most striking feature is its liberal use of color photographs and line drawings to add visual interest. Drugs are described in detail, and appendixes include the following useful items: units of measurement, American Sign Language medical translations, normal reference values, health promotion, nutrition, pharmacology and clinical calculations, infection control, diagnosis-related groups, and nursing data. Individuals can purchase the print textbook plus accompanying CD-ROM, which includes a medical spell-checker. Access to the supplementary Evolve website—with audible pronunciations, vocabulary and anatomy learning activities, a Spanish glossary, and other materials—is included with the print purchase for single users or educators. Individuals can also obtain as a combined print text and e-book package. The full text is available for handheld devices. Readers might also consider the competing *Stedman's Medical Dictionary of the Health Professions and Nursing*, which includes an anatomy insert and more extensive nursing appendixes. The book is recommended for hospital or academic libraries.

**Structure & Function of the Body.** 13th ed. Authors: Gary A. Thibodeau, Kevin T. Patton. Mosby Elsevier, 2008.

ISBN: 9780323049917

Recommended for: Hospital, Academic, Consumer Health Libraries

Brandon/Hill, *Doody's Core Titles* Selection

This best-selling textbook, selected for *Resources for College Libraries (RCL)* and the 2003 Brandon/Hill allied health list, provides a basic introduction to normal human anatomy and physiology. Dr. Gary Thibodeau is chancellor emeritus and professor emeritus of biology at the University of Wisconsin, River Falls; Dr. Kevin Patton is

a longtime professor of life science at the two-year St. Charles Community College and an adjunct faculty member at the Saint Louis University Medical School. *RCL* describes this book as “simple and straightforward.” It begins by describing introductory concepts in chemistry, cells and tissues, and organ systems; the following chapters describe the skin and membranes, skeleton, and other body systems in detail. Text boxes highlight current-interest topics, history of science, and other useful information. A semi-transparent, multi-page insert displays human anatomy in detail. The publisher also provides a separate study guide and accompanying online course. Chapter tests are included, with answer key. A companion CD-ROM contains animations and interactive activities. *Structure & Function of the Body* is recommended for undergraduate and community college libraries, for large consumer health collections, and for hospital libraries serving undergraduate health sciences students.

***Taber's Cyclopedic Medical Dictionary***. 21st ed. Editor: Donald Venes. F.A. Davis, 2009.

<http://www.fadavis.com/>

<http://www.tabers.com>

<http://www.statref.com/>

ISBN: 9780803615595

ISBN: 9780803623255 (Online)

ISBN: 9780803615601 (Online)

Recommended for: Hospital, Academic, Consumer Health Libraries

Brandon/Hill Selection

*Taber's* was listed in *Resources for College Libraries* (2009) and was an initial purchase in the 2003 Brandon/Hill allied health list. As the quaint title suggests (cyclopedic means “encyclopedic”), *Taber's* has a long history; the first *Taber's Medical Dictionary for Nurses* was published in 1905. Some definitions are indeed cyclopedic or quite lengthy and detailed. *Taber's* is widely used by medical students; the clear definitions make it a good choice for allied health professionals as well. Thumb tabs make it easy to use, but *Taber's* small size makes it hard to lay flat. *Taber's* contains many useful lists and tables, such as dietary guidelines and cancer statistics, and many appendixes, such as units of measurement, nutrition, integrative therapies, and nursing information. A very large amount of information is concentrated into this small, rather plain green volume. An accompanying DVD has interactive activities. The online version is available from the publisher or as part of several different online libraries; it may also be used on mobile devices. *Taber's* is appropriate for all types of hospital, academic, and medical libraries.

## Journals

***Journal of Allied Health***. v. 1, Association of Schools of Allied Health Professions, 1972.

[http://www.asahp.org/journal\\_ah.htm](http://www.asahp.org/journal_ah.htm)

<http://www.ingentaconnect.com/content/asahp/jah>

ISSN: 00907421 (Print/Online)

Indexed in: MEDLINE, CINAHL

Recommended for: Hospital, Academic Libraries

Brandon/Hill Selection

The *Journal of Allied Health* is the only major interdisciplinary allied health periodical currently being published. It is indexed in CINAHL, MEDLINE, ProQuest, and Scopus; the full text is available in ProQuest. It was an initial purchase title in the 2003 Brandon/Hill allied health list. This peer-reviewed journal is published quarterly. The target audience is “allied health leaders, educators, faculty and students.” Types of articles published include “scholarly works related to research and development, feature articles, research abstracts and book reviews.” The journal covers diverse allied health topics; many articles deal with allied health teaching and education. Electronic access is available through IngentaConnect; selected content is free of charge. The journal is recommended for larger collections in colleges, universities, hospitals, or other health organizations serving allied health students or professionals.

## Databases and Other Electronic Resources

***CINAHL Plus with Full Text***. EBSCO, 1981 (some references back to 1937)

<http://www.ebscohost.com/>

See Also Chapter 12.1. Nursing Research, Chapter 34.2.

Indexing and Database Resources

Recommended for: Hospital, Academic, Consumer Health Libraries

Brandon/Hill Selection

Originally published in print as *Cumulative Index to Nursing & Allied Health Literature*, CINAHL Plus with Full Text is the best known and the most comprehensive research database for nursing and allied health. Containing over 2 million records from more than 4,100 journals (750 of which are full-text), as well as 240 full-text monographs, it is listed in *Essential Nursing Resources* (ICIRN, 2009) as one of the three core nursing and health care databases. According to the publisher, CINAHL offers, “complete coverage of English-language nursing journals and publications from the National League for Nursing and the American Nurses' Association.” The database

includes "nursing, biomedicine, health sciences librarianship, alternative/complementary medicine, consumer health and 17 allied health disciplines. In addition, this database offers access to health care books, nursing dissertations, selected conference proceedings, standards of practice, educational software, audiovisuals and book chapters. Searchable cited references for more than 1,250 journals are also included." Successor to the "Red Books" used by students since the 1950s, CINAHL still has traces of its print origins and a slightly clunky feel. A more serious problem (shared by CINAHL's competitors) is the lack of full text for many important journals; EBSCOhost e-journal links to external vendors are awkward and trouble-prone. Despite these concerns, CINAHL is irreplaceable for scholarly research in nursing and allied health. A hallmark of this database is its thorough, high quality indexing with terms commonly used in the nursing and allied health fields; PubMed and Google Scholar, in particular, lack this advantage. CINAHL is essential for libraries supporting nursing and allied health programs or research by practicing nursing and allied health professionals. It is also useful for consumer health, although many consumers find this database difficult to use. Lastly, non-health sciences students needing understandable health information will benefit from this resource.

**Consumer Health Complete.** EBSCO, 2006.

<http://www.ebscohost.com/>

Recommended for: Hospital, Academic, Consumer Health Libraries

EBSCO's continuously updated Consumer Health Complete contains useful, easy-to-read health information for consumers and beginning health sciences students. It fills a niche for general health reference questions and undergraduate assignments not requiring scholarly sources. According to information supplied by EBSCO, it includes searchable full text for more than 200 reference books, Lexi-Comp's *Lexi-PALS* consumer drug information sheets, more than 800 videos, consumer health pamphlets, news, a medical image library, consumer-level evidence-based reports, magazine and journal articles, and animations. The attractive, user-friendly home page includes point-and-click options, a search box, and a medical dictionary. The advanced search screen offers more search options and a publications list. The lists of search results are similar to others offered on the standard EBSCOhost platform; however, the colorful home page of Consumer Health Complete organizes and displays the diverse sources to better advantage than its plainer, less inclusive, and less costly cousin, Health Source: Consumer Edition. Although alternative interfaces are available, the

latter product uses the standard EBSCOhost platform and does not include the videos, image library, or some of the other content found in Consumer Health Complete. The less expensive Health Source: Consumer Edition or the freely available MedlinePlus may be a wiser choice for libraries with limited budgets or little demand for easy-to-read materials. Other databases should supplement both Consumer Health Complete and Health Source: Consumer Edition; they are not complete resources for scholarly research. A related EBSCOhost product, Health Source: Nursing/ Academic Edition, includes added scholarly journals; this content overlaps considerably with other EBSCOhost bibliographic databases and may be redundant if an institution subscribes to Academic Search Premier or similar products. Consumer Health Complete is recommended for undergraduate, community college, and public libraries.

**Health Reference Center Academic.** Gale Cengage, 199?

<http://www.gale.cengage.com/>

Recommended for: Hospital, Academic, Consumer Health Libraries

This multi-source online database from Gale Cengage includes the personal health information sources from Health Reference Center, plus 40 full-text nursing and allied health journals. According to the publisher, this database "integrates the full text and images of respected nursing, allied health and medical journals; consumer health magazines; newsletters; pamphlets; newspaper articles; topical overviews; and reference books." Videos and broadcast transcripts are also included. A clean, easy-to-use search screen allows users to browse subject headings or publications, enter search terms, and view search history. Many references have a high school reading level, and the attractive, colorful screen layout is familiar to users of general informational websites. This resource, with coverage from 1980 to present, conveniently includes basic, core concepts in medicine, nursing, and allied health. It does not have detailed coverage of allied health journals or specialized reference books, and it is best used in conjunction with CINAHL and other more comprehensive resources. Despite the word "academic" in the title, it is equally appropriate for general consumer health queries. This user-friendly product fills a niche for academically at-risk or preclinical health sciences students, large public libraries, and consortia. It has a high price tag; libraries with limited budgets may prefer free resources such as MedlinePlus. Potential purchasers should check the content overlap with Gale's Health & Wellness Resource Center and other health-specific and general-purpose commercial products; the



material in this database may be redundant. Health Reference Center Academic is recommended for hospital, academic, or public libraries; it is not appropriate for advanced or specialized research.

**Lexi-Comp ONLINE.** Lexi-Comp, 1978.

<http://www.lexi.com/>

Recommended for: Hospital, Academic Libraries

Lexi-Comp is a leading commercial producer of point-of-care drug information. Its editorial board includes physicians, pharmacists, and other health professionals. The clean, well-designed home page links to key U.S. government drug-related websites, including NLM, and the American Society of Health-System Pharmacists (ASHP). It also has a customized web browser, drug alerts/interactions, drug ID, and a dosage calculator. The search box has a pull-down menu of searchable fields. Drug monographs include generic name with audio link for pronunciation, U.S. and international trade names, drug classes, uses (unlabeled uses are listed separately), clinically significant adverse effects, adult and pediatric patient counseling, warnings, interactions, detailed dosage information, pricing, selected readings, and other related patient care information. An optional add-in is the AHFS encyclopedic drug database sponsored by the American Society of Health-System Pharmacists. Radio buttons display additional search options, such as printable *Lexi-PALS* patient care sheets in English or Spanish. The continuously updated Lexi-Comp ONLINE encompasses a suite of products customizable for various academic and clinical settings and for use on handheld devices. For example, Lexi-Comp ONLINE for Dentistry includes dosage calculations for dental drugs, information on dental office emergencies, and access to the entire database of drug monographs so that dental professionals, including dental hygienists, may be advised of bleeding complications and other adverse effects pertinent to dental treatment. Physician assistants, dental hygienists, and other allied health professionals or students who prescribe drugs, counsel patients, or otherwise need rapid access to drug information might use Lexi-Comp ONLINE. It is recommended for hospital or academic settings where point-of-care drug information is needed; a careful needs assessment is advised before purchase.

**Merck Manuals Online Medical Library (Various titles).**

Merck Research Laboratories, 200?

<http://www.merck.com/pubs/>

Brandon/Hill Selection

Recommended for: Hospital, Academic, Consumer Health Libraries

The seven *Merck Manuals*, published under various titles since 1899, are also available in print but are more frequently updated online. The manuals are published on a not-for-profit basis as a public service. Some manuals—notably the *Home Edition*—are designed for lay readers; others, such as the *Manual of Diagnosis and Therapy*, are targeted to physicians. This authoritative, free collection of online medical reference manuals is an outstanding compilation of high-quality, comprehensive medical information. Four of the manuals are especially suited for allied health students: the *Home Edition*, *Health & Aging* (available in print or podcast formats only), *Patient Symptoms*, and *Geriatrics*. The *Manual of Diagnosis and Therapy*, a former Brandon/Hill title, is designed for physicians but might be used by allied health professionals or educated laypeople. The *Manual of Geriatrics*, published in 2000, is unfortunately becoming dated except for the revised online sections. The simple search interfaces for the online *Merck Manuals*, which vary among the different titles, permit searching by keyword, topic, or subject heading. Users of the *Home Edition* can click a link to hear the pronunciations of difficult words. Specialized functions—such as translations, podcasting, RSS feeds, iPhone applications, and e-mail newsletters—are available for some of the Merck content. Libraries should consider purchasing print copies of the frequently used *Merck Manual—Home Edition* and the *Merck Manual of Diagnosis and Therapy* due to their greater browsability and ease of use. The thorough index in the back of the print works enables readers to locate information quickly. The series is highly recommended for public, academic, and hospital libraries.

**Occupational Outlook Handbook.** U.S. Dept of Labor, Bureau of Labor Statistics, Published biennially.

<http://www.bls.gov/OCO/>

ISBN: 10767681

Recommended for: Hospital, Academic, Consumer Health Libraries

Freely available at the Bureau of Labor Statistics' website, this biennial publication is the single, best overall source of information for researching U.S. career choices. For each job category, it describes the nature of the work, training, other qualifications, advancement, employment, job outlook, projections data, national and state statistics and typical earnings, related occupations, and sources of additional information (including web addresses of national professional organizations). Additional links on this website, such as "Tomorrow's jobs," help allied health students choose and succeed in rewarding, well-paying careers. One drawback is that specialized careers are often

grouped with more general ones; for example, there is no separate entry for "medical librarian" or "child life specialist." A paperback version of *Occupational Outlook Handbook* is available, but the website is so easy to use that the print edition is unnecessary where computer access is available. This work is recommended for any library where there is a need for career information.

**PubMed.** National Center for Biotechnology Information, 1996.

<http://www.ncbi.nlm.nih.gov/pubmed/>

See Also Chapter 30.4. Evidence-Based Practice, Chapter 32. History of the Health Sciences, Chapter 34.2. Indexing and Database Resources

Recommended for: Hospital, Academic, Consumer Health Libraries

Brandon/Hill Selection

PubMed is a core resource for researching the scholarly literature of allied health, though relatively few of the 5,500 journals indexed are devoted primarily to allied health. Free to the public since 1996, PubMed is a gold mine of allied health information partly due to its sheer size; 19 million records have been published from 1948 to the present. The streamlined PubMed search screen is easy to use without special training, although the use of the MeSH allied health terms and limiters ensures better results. The following search example returns 135 hits, with 11 open access articles and 17 review articles from cancer, radiology, radiologic technology, rural health, public health, and other journals: "Technology, Radiologic" [Majr:NoExpl] AND United States [MeSH Terms] AND 2004:2009 [Publication Date] with Limits: English. Google Scholar, which does not search PubMed directly, picks up many PubMed references and pushes key references to the top of the results list, as well as identifying additional sources of free full text. This renowned database is recommended for all types of libraries with a health mission.

## 1.1. Audiology

*Hearing and hearing impairment.*

—MeSH

Contributor: Maureen (Molly) Knapp

### Monographs

*Anatomy & Physiology for Speech, Language, and Hearing.* 4th ed. Authors: Anthony J. Seikel, Douglas W. King, David G. Drumright. Delmar Cengage Learning, 2010.

ISBN: 9781428312234

Recommended for: Academic Libraries

*Doody's Core Titles Selection*

Designed for upper division undergraduate or graduate students in speech-language pathology and audiology, this text offers a "sequential tour" of the anatomy and physiology associated with speech, language, and hearing. Twelve chapters are organized around the four systems of speech: respiratory, phonatory, articulatory/resonatory, and nervous systems. Eight appendixes, a glossary, and an index round out the contents. A CD-ROM containing a series of software labs that offer further examination and illustration of the structures and functions of speech mechanisms is included with the text. Self-paced quizzes, flash cards, games, animations, and a medical terminology audio library are included. The CD-ROM is cross-referenced in the text to enable quick reference. It should be noted that a user review on Amazon.com noted that the CD-ROM included in the fourth edition may not work on Mac computers. The format of this textbook is quite conducive to learning anatomy and physiology. Over 100 photographs and 300 illustrations, graphs, and charts, many in full color, provide visual examples of anatomy, processes, and body systems. Margin notes identify important terminology and definitions in each chapter. Clinical notes, muscle tables, and bulleted summaries appear throughout the book to reinforce learning and relate topics directly to clinical experience. In addition, study questions and answers are included at the end of each chapter as well as references to primary and secondary sources. The appendixes at the end of the book include anatomical terms; muscles of respiration; muscles of phonation; muscles of face, soft palate and pharynx; sensors; cranial nerves; and pathologies that affect speech production. The third edition of this book was listed as a *Doody's* core title and received a three star review (85 out of 100 possible points) from *Doody's Review Service*. The most current edition has been updated to include full color throughout the text and also includes an entire chapter on swallowing physiology.

*Fundamentals of Hearing: An Introduction.* 5th ed.

Author: William A. Yost. Elsevier/Academic, 2006.

ISBN: 9780123704733

Recommended for: Hospital, Academic Libraries

*Doody's Core Titles Selection*

First published in 1977 and now in its fifth edition, this classic text of audiology provides a basic understanding of normal auditory processes in order to better understand auditory diseases and disorders. The book contains