New Library Resources

Nursing Education in Video

The library has obtained an updated version of Nursing Education in Video collection from Alexander Street Press. All videos have been updated or are brand-new and reflect current standards. Nursing Education in Video can be accessed from the library homepage usd.edu/wegner by clicking on Databases underneath the search bar, selecting “N” from the A-Z List, then Nursing Education in Video.

Updated Videos include:

Feeding Tubes Series

- Tube Identification, Administering Formula, and Medication

Infection Control Series

- Multi-drug Resistant Organisms, Preventing Bloodborne Pathogen Transmissions, Safe Work Practices

Obstetrical Nursing Series

- Newborn Stabilization, Electronic Fetal Monitoring, Caring for Post-Partum Patients
Anti-Infective Medication Therapy Series
- Transmission of Infection, Assessment of an Infection, Penicillin

Cardiac Monitoring Series
- Setting up Cardiac Monitors, Dysrhythmias of the SA Node and Atria, The Process of Basic Cardiac Auscultation

Caring for Patients with Special Needs
- Cognitive Impairment, Visual Impairment, and Hearing Impairment

New videos include:
- Dementia Behavior Management
- Family Issues with Dementia
- Neurological System: Acute Spinal Cord Injuries
- Neurological System: Infections
- Neurological System: Seizures and Brain Tumors
- Assessing & Treating Pediatric Pain
- The Integumentary System
- Head and Neck, Mouth and Throat
- Eyes, Ears, and Nose
- Nasotracheal Suctioning and Monitoring Complications
- Oropharyngeal and Endotracheal Techniques
- Airway Care: Tracheostomy Care, Tube Change, and Artificial Airway Cuff Management
- Pharmacokinetics: What the Body Does to a Drug

The Journal of Visualized Experiments (JoVE)

Thanks to some additional carry-over funding made available through the SD Biomedical Research Infrastructure Network (BRIN) grant, the USD Libraries (including Wegner Library) was able to secure a subscription to JoVE for SD BRIN Institutions and Wegner Partner organizations.

If you are not familiar with JoVE:

JoVE publishes peer-reviewed, PubMed-indexed video methods. Articles consist of video demonstrations and detailed text protocols which help to facilitate scientific reproducibility and productivity. The scope of the journal includes novel techniques, innovative applications of existing techniques, and gold standard protocols in the physical and life sciences.

The journal subject areas within JoVE include:
- Behavior
- Biochemistry
- Bioengineering
- Biology
- Cancer Research
- Chemistry
- Developmental Biology
- Environment
- Genetics
- Immunology and Infection
- Medicine
- Neuroscience

We have not subscribed to the Engineering journal section.

SD BRIN: South Dakota Biomedical Research Infrastructure Network has been funded by the National Center for Research Resources (NCRR) since 2001. SD BRIN consists of several core facilities (proteomics, genomics, bioinformatics and west core) designed to strengthen the biomedical research infrastructure in South Dakota. For additional information: https://libguides.usd.edu/sdbrin
New E-Books

Goodman & Gilman's: The Pharmacological Basis of Therapeutics
13th Edition, 2018


By Laurence L. Brunton, Randa Hilal-Dandan, Björn C. Knollmann

Goodman & Gilman's: The Pharmacological Basis of Therapeutics, Thirteenth Edition represents the pinnacle of authority and accuracy in describing the actions and uses of therapeutic agents in relation to physiology and pathophysiology. Goodman & Gilman's careful balance of basic science and clinical application has guided thousands of practitioners and students to a clear understanding of the drugs essential to preventing, diagnosing, and treating disease. Enhanced by a full-color presentation and updated to reflect all critical new developments in drug action and drug-disease interaction, the Thirteenth Edition includes more than 440 color illustrations depicting key principles and actions of specific pathways and therapeutic agents. This edition also includes new chapters on hypertension therapy, myocardial ischemia therapy, treatment of pulmonary arterial hypertension, immunostimulants and vaccines, and treatment of viral hepatitis, along with appendices on prescription order writing, patient compliance, and pharmacokinetics (From Matthewsbooks.com)

Pain Management Secrets
4th Edition, 2018


By Argoff, Charles E., MD; Dubin, Andrew, MD, MS; Pilitsis, Julie G., MD, PhD

For more than 30 years, the highly regarded Secrets Series has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Pain Management Secrets, 4th Edition, features the Secrets' popular question-and-answer format that also includes lists, tables, and an easy-to-read style. Making reference and review quick, easy, and enjoyable. ... Written and fully updated by internationally known pain medicine experts, including new editors Drs. Andrew Dubin and Julie Pilitsis. NEW! Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices. (From Matthewsbooks.com)
Avery's Diseases of the Newborn
10th Edition, 2018


By Gleason, Christine A, MD; Juul, Sandra E., MD, PhD

Covering the evaluation and management of every key disease and condition affecting newborns, Avery's Diseases of the Newborn, by Drs. Christine A. Gleason and Sandra E. Juul, remains your #1 source for practical, clinically relevant information in this fast-changing field. You'll find the specific strategies you need to confidently diagnose and treat this unique patient population, in a full-color, easy-to-use single volume that focuses on key areas of practice. Now in a thoroughly revised 10th Edition, this highly respected reference is an authoritative clinical resource for neonatal practitioners. ... Brings you up to date on current topics such as the evolving epidemic of neonatal abstinence syndrome and the new clinical uses of ultrasound (including ultrasound videos online). Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices. (From Matthewsbooks.com)

Conn's Current Therapy
2019


By Kellerman, Rick D., MD; Rakel, David P., MD

Current, evidence-based treatment information in a concise yet in-depth format that's the successful blueprint for Conn's Current Therapy. Designed specifically for busy primary care specialists and other first-line care providers, the 2019 edition of this practical reference delivers reliable diagnosis and treatment protocols for the conditions you're most likely to see. You'll find personal approaches from leaders in the field, covering common complaints, acute diseases, and chronic illnesses more than 300 topics, all carefully reviewed and updated to help with accurate, efficient decision making in daily practice.Follows a consistent, easy-to-use format throughout, with diagnosis, therapy, drug protocols, and treatment pearls presented in quick-reference boxes and tables for point-of-care answers to common clinical questions. Features significantly revised chapters on sepsis bacterial pneumonia ADHD endometriosis atrial fibrillation congestive heart failure pericarditis diabetes mellitus measles myasthenia gravis irritable bowel syndrome Parkinson's disease seizures and epilepsy in adolescents and adults acute bronchitis and other viral respiratory illnesses urinary incontinence neutropenia venous thromboembolism fungal diseases of the skin diseases of the nails and more.Includes all-new chapters on fatty liver, pancreatic cancer, and more.Includes nearly 300 images, including algorithms, anatomical illustrations, and photographs, that provide useful information for diagnosis.Provides current drug information thoroughly reviewed by PharmDs.Shares the knowledge and expertise of 40 new authors who provide a fresh perspective in their specialties (From Matthewsbooks.com)
Ferri's Best Test
4th Edition, 2019


By Ferri, Fred F., MD, FACP

Practical and concise, this spiral bound, pocket-sized manual is a quick, go-to reference for up-to-date clinical material on today's diagnostic testing and laboratory tests. Three convenient sections provide quick access to key information on clinical laboratory testing, diagnostic imaging, and diagnostic algorithms. Experienced author Dr. Fred Ferri uses a unique, easy-to-follow format to simplify complex information and help you choose the best test to supplement your clinical diagnostic skills. ... Provides new comparison tables to easily evaluate the best test; new algorithms for evaluation of immunodeficiency and hematochezia; and new tables and illustrations throughout to improve your test selection. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices. (From Matthewsbooks.com)

Clinical and Translational Science: Principles of Human Research
2nd Edition, 2017


By Robertson, David, MD; Williams, Gordon H., MD

Clinical and Translational Science: Principles of Human Research, Second Edition, is the most authoritative and timely resource for the broad range of investigators taking on the challenge of clinical and translational science, a field that is devoted to investigating human health and disease, interventions, and outcomes for the purposes of developing new treatment approaches, devices, and modalities to improve health. This updated second edition has been prepared with an international perspective, beginning with fundamental principles, experimental design, epidemiology, traditional and new biostatistical approaches, and investigative tools. It presents complete instruction and guidance from fundamental principles, approaches, and infrastructure, especially for human genetics and genomics, human pharmacology, research in special populations, the societal context of human research, and the future of human research. The book moves on to discuss legal, social, and ethical issues, and concludes with a discussion of future prospects, providing readers with a comprehensive view of this rapidly developing area of science (From Matthewsbooks.com)
Diagnostic Ultrasound
5th Edition, 2018


By Rumack, Carol M., MD, FACR; Levine, Deborah, MD, FACR

Now fully updated with more than 2,000 new images, 200 new videos, and new content throughout, Diagnostic Ultrasound, 5th Edition, by Drs. Carol M. Rumack and Deborah Levine, remains the most comprehensive and authoritative ultrasound resource available. Spanning a wide range of medical specialties and practice settings, it provides complete, detailed information on the latest techniques for ultrasound imaging of the whole body; image-guided procedures; fetal, obstetric, and pediatric imaging; and much more. Up-to-date guidance from experts in the field keep you abreast of expanding applications of this versatile imaging modality and help you understand the "how" and "why" of ultrasound use and interpretation. (From Matthewsbooks.com)

Genomic and Precision Medicine: Foundations, Translation, and Implementation
3rd Edition, 2017


By Ginsburg, Geoffrey S.; Willard, Huntington F.

Genomic and Precision Medicine: Translation and Implementation highlights the various points along the continuum from health to disease where genomic information is impacting clinical decision-making and leading to more personalization of health care. The book pinpoints the challenges, barriers, and solutions that have been, or are being, brought forward to enable translation of genome based technologies into health care. A variety of infrastructure (data systems and EMRs), policy (regulatory, reimbursement, privacy), and research (comparative effectiveness research, learning health system approaches) strategies are also discussed. Readers will find this volume to be an invaluable resource for the translational genomics and implementation science that is required to fully realize personalized health care. (From Matthewsbooks.com)
Hello! I am Kara Vehar and I am the new Access Services Librarian at Wegner Library. I am excited to begin a career here and to help the students, faculty and staff at USD and our partner groups succeed in their research.

My library career began as an assistant librarian in Scotland, SD, a small town of about 900 people. After attending a Library Institute, a four-year program through the State of South Dakota, I was promoted to director. Seeking education to further my career in librarianship became a passion and I have concluded my first semester of a Master’s program through Emporia State. Prior to working here I worked in sales and marketing for the Good Samaritan Society Prairie Creek.

Although I have a background in the public library, I have found that the task at hand is ultimately the same, to assist others with lifelong learning and help them succeed in their pursuit of knowledge. Albert Einstein is correct when he said, "The only thing that you absolutely have to know is the location of the library." I am happy to help you in any way that I can and look forward to seeing you in the library.
Blood Donation

In recognition of those who work in blood banks, hospitals, researchers, and the volunteers who donate blood here is a brief history of blood donation.

1628: British Physician discovers the circulation of blood.

1665: The first recorded blood transfusion happened when Dr. Richard Lower kept a dog alive by transfusing blood from other dogs.

1667: Jean Baptiste Denis from France and Edmund King from England both reported successfully transfusing blood from a sheep to a human.

1873-1880: US physicians attempt to transfer cow and goat’s milk to humans.

1901: Austrian physician discovers 3 blood types.

1940: The US government creates a national blood collection program. This same year Charles R. Drew M.D. begins a blood processing program for English war victims, called Plasma for Britain.

1941: The National Red Cross creates a National Blood Donor Service to collect blood for the U.S. Military.

1948: The Red Cross opens its first nationwide blood program for civilians.

1949: The US blood systems consisted of 1500 hospital blood banks, 46 community blood centers, and 31 Regional Red Cross Centers.

2016: The United States free market blood collection has created a competitive market for blood. The alterations in red cell use and health care delivery has put a strain on the market and on the sustainability of the current system. This is resulting in the number of independent blood centers that are members of the American Blood Centers falling from 77 to 59 in the last decade (Klein, Hrouda, Epstein, 2017, p.1486).

2018: An estimated 6.8 million people in the U.S. donate blood creating 13.6 million whole blood and red blood cells in the U.S. a year. According to the American Red Cross someone is in need of a blood transfusion every 2 seconds.

To be eligible to donate blood a person must:

- be 16 years or older
- weigh over 110 pounds
- be in good health
- pass the basic physical before they give blood.
For more information on blood donation and transfusions visit the Wegner Library and we can provide resources for further research.

American Red Cross.(n.d.). History of blood transfusion. Retrieved from


https://www.mayoclinic.org/tests-procedures/blood-donation/about/pac-20385144?p=1