

# wichita state university physical therapy

**wichita state university physical therapy** is a comprehensive program designed to prepare students for successful careers in the field of physical therapy. This program emphasizes evidence-based practice, clinical experience, and interprofessional collaboration to ensure graduates are well-equipped to meet the needs of diverse patient populations. Wichita State University offers a rigorous curriculum that integrates foundational sciences, therapeutic techniques, and hands-on clinical training. Students benefit from experienced faculty, modern facilities, and partnerships with local healthcare providers. The program also focuses on developing critical thinking, communication skills, and professional ethics essential for physical therapists. This article explores the key aspects of Wichita State University physical therapy, including program structure, admission requirements, clinical experiences, research opportunities, and career prospects. The following sections provide an in-depth overview to help prospective students and interested parties understand what the program entails and how it prepares students for the physical therapy profession.

- Overview of Wichita State University Physical Therapy Program
- Admission Requirements and Application Process
- Curriculum and Academic Structure
- Clinical Education and Hands-On Experience
- Research and Faculty Expertise
- Career Opportunities and Professional Development

## Overview of Wichita State University Physical Therapy Program

The Wichita State University physical therapy program is designed to train competent and compassionate physical therapists who are prepared to deliver high-quality patient care. The program offers a Doctor of Physical Therapy (DPT) degree, which is the entry-level credential required for practicing physical therapy in the United States. The curriculum integrates classroom instruction with clinical practice, enabling students to apply theoretical knowledge to real-world scenarios. The program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), ensuring that it meets rigorous educational standards. Wichita State University

emphasizes a patient-centered approach and fosters an environment that encourages lifelong learning and professional growth.

## **Program Mission and Goals**

The mission of the Wichita State University physical therapy program centers on preparing graduates to be skilled clinicians, educators, and advocates for the physical therapy profession. The program aims to produce practitioners who are adept at evaluating, diagnosing, and treating movement disorders while promoting health and wellness. Key goals include fostering a commitment to evidence-based practice, ethical standards, and cultural competence. Graduates are expected to contribute positively to the community through clinical service, research, and leadership roles.

## **Facilities and Resources**

Students enrolled in Wichita State University physical therapy benefit from access to state-of-the-art facilities, including specialized labs equipped for biomechanics, rehabilitation, and therapeutic exercise. The university's partnerships with hospitals, outpatient clinics, and rehabilitation centers provide diverse clinical settings for hands-on training. Additionally, students have access to extensive library resources and technology tools that support learning and research activities.

## **Admission Requirements and Application Process**

Admission to the Wichita State University physical therapy program is competitive and requires applicants to meet specific academic and experiential criteria. The program seeks motivated candidates with a strong foundation in the sciences and a demonstrated commitment to the physical therapy profession.

## **Academic Prerequisites**

Prospective students must complete prerequisite coursework that typically includes anatomy, physiology, biology, chemistry, physics, psychology, and statistics. A minimum GPA is often required, reflecting the program's academic rigor. These prerequisites ensure that applicants possess the foundational knowledge necessary for success in the DPT curriculum.

## **Experience and Letters of Recommendation**

Applicants are encouraged to gain clinical observation or volunteer experience in physical therapy settings. Such exposure helps candidates

understand the profession's demands and responsibilities. Most applications require letters of recommendation from academic instructors, healthcare professionals, or supervisors who can attest to the applicant's aptitude and character.

## **Application Process**

The program typically participates in the Physical Therapist Centralized Application Service (PTCAS), streamlining the application process for students. The application includes submission of transcripts, test scores, personal statements, and documentation of clinical experience. Selected candidates may be invited for interviews as part of the admissions process.

## **Curriculum and Academic Structure**

The Wichita State University physical therapy curriculum is carefully structured to provide a balanced and progressive learning experience. The program generally spans three years, culminating in the Doctor of Physical Therapy degree. Coursework integrates basic sciences, clinical sciences, and professional development components.

## **Core Coursework**

Students engage in a variety of subjects designed to build a comprehensive understanding of human movement and rehabilitation. Core courses include:

- Human Anatomy and Physiology
- Neuromuscular and Musculoskeletal Systems
- Pathophysiology
- Therapeutic Interventions and Modalities
- Biomechanics and Kinesiology
- Clinical Reasoning and Evidence-Based Practice

## **Professional Development**

In addition to scientific knowledge, the curriculum emphasizes communication, ethics, and leadership skills. Students participate in seminars and workshops that enhance their ability to work collaboratively with patients and healthcare teams. Coursework also covers healthcare policy, documentation,

and cultural competence.

## **Clinical Education and Hands-On Experience**

Clinical education is a cornerstone of the Wichita State University physical therapy program, providing students with essential practical experience. Clinical rotations occur in diverse healthcare settings under the supervision of licensed physical therapists.

## **Clinical Rotation Sites**

The program partners with a broad network of clinical sites, including outpatient clinics, hospitals, rehabilitation centers, and specialty care facilities. These placements expose students to various patient populations, such as orthopedic, neurological, pediatric, and geriatric cases. This diversity prepares students to address a wide range of therapeutic needs.

## **Clinical Competencies**

During clinical rotations, students are evaluated on their ability to perform patient assessments, develop treatment plans, and implement interventions effectively. Emphasis is placed on safety, patient communication, and ethical practice. Regular feedback from clinical instructors helps students refine their skills and professional demeanor.

## **Research and Faculty Expertise**

Wichita State University physical therapy program encourages research involvement to advance the field and enhance clinical practice. Faculty members are actively engaged in research projects that explore innovative therapeutic techniques, rehabilitation outcomes, and patient care strategies.

## **Research Opportunities for Students**

Students have opportunities to participate in research as part of their academic experience. This involvement may include assisting with data collection, literature reviews, or presenting findings at professional conferences. Engaging in research fosters critical thinking and supports evidence-based practice.

## **Faculty Specializations**

The program's faculty comprises experts in various physical therapy domains, including orthopedics, neurology, pediatrics, and geriatrics. Their combined expertise enriches the educational experience and provides mentorship to students pursuing specialized interests.

## **Career Opportunities and Professional Development**

Graduates of the Wichita State University physical therapy program are well-prepared to enter the workforce as licensed physical therapists. The program's comprehensive education and clinical training equip students to meet the demands of diverse healthcare environments.

## **Licensure and Certification**

Upon graduation, students are eligible to sit for the National Physical Therapy Examination (NPTE), a requirement for licensure in all U.S. states. The program provides guidance and support to ensure graduates are prepared for this critical step.

## **Employment Settings**

Physical therapists from Wichita State University find employment in a variety of settings, including:

- Hospitals and acute care facilities
- Outpatient rehabilitation clinics
- Skilled nursing and long-term care facilities
- Sports medicine and fitness centers
- Home health agencies
- Schools and pediatric therapy centers

## **Continuing Education and Professional Growth**

The program encourages graduates to pursue lifelong learning through advanced certifications, specialization, and continuing education courses. Graduates

often engage in professional organizations that provide networking, advocacy, and development opportunities within the physical therapy community.

## **Frequently Asked Questions**

### **What physical therapy programs does Wichita State University offer?**

Wichita State University offers a Doctor of Physical Therapy (DPT) program designed to prepare students for careers as licensed physical therapists.

### **Is the Wichita State University physical therapy program accredited?**

Yes, the Doctor of Physical Therapy program at Wichita State University is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE).

### **What are the admission requirements for the physical therapy program at Wichita State University?**

Admission requirements typically include a bachelor's degree, prerequisite coursework in sciences, a competitive GPA, GRE scores, letters of recommendation, and relevant healthcare experience.

### **Does Wichita State University offer clinical rotations for physical therapy students?**

Yes, Wichita State University's physical therapy program incorporates clinical rotations to provide hands-on experience in various healthcare settings.

### **What career opportunities are available to graduates of Wichita State University's physical therapy program?**

Graduates can pursue careers as licensed physical therapists in hospitals, outpatient clinics, rehabilitation centers, sports facilities, and other healthcare environments.

### **How does Wichita State University support physical therapy students' research and professional**

## development?

Wichita State University offers research opportunities, workshops, seminars, and access to faculty mentorship to support physical therapy students' academic growth and professional development.

## Additional Resources

### 1. *Foundations of Physical Therapy at Wichita State University*

This comprehensive guide covers the fundamental principles and practices taught at Wichita State University's Physical Therapy program. It offers insights into anatomy, kinesiology, and patient care specific to the curriculum. Ideal for both students and educators, it bridges theory with practical application.

### 2. *Clinical Techniques in Physical Therapy: Wichita State Approach*

Focused on hands-on clinical skills, this book presents the techniques emphasized in Wichita State's physical therapy training. It includes step-by-step procedures, case studies, and evidence-based practices to enhance patient outcomes. The text is a valuable resource for students preparing for clinical rotations.

### 3. *Rehabilitation Science and Research at Wichita State University*

This volume explores the latest research initiatives and rehabilitation science breakthroughs emerging from Wichita State University. It highlights faculty-led studies, innovative therapies, and interdisciplinary collaborations in physical therapy. Readers gain an understanding of how research informs clinical practice.

### 4. *Patient-Centered Care in Physical Therapy: Insights from Wichita State*

Emphasizing the importance of holistic and patient-centered care, this book delves into communication strategies and ethical considerations taught at Wichita State. It discusses cultural competence and individualized treatment planning, reflecting the university's commitment to compassionate healthcare.

### 5. *Advanced Modalities and Technologies in Physical Therapy Education*

Covering the integration of cutting-edge modalities such as ultrasound, electrical stimulation, and robotics, this text showcases how Wichita State incorporates technology into its physical therapy curriculum. It provides practical guidance on using these tools to enhance rehabilitation.

### 6. *Neurological Rehabilitation: A Wichita State Perspective*

This specialized book focuses on neurological conditions and rehabilitation methods taught at Wichita State University. It includes detailed approaches to stroke, spinal cord injury, and neurodegenerative diseases, combining theoretical knowledge with clinical applications.

### 7. *Sports Injury Management and Prevention at Wichita State*

Targeting sports physical therapy, this book outlines injury prevention strategies, assessment techniques, and rehabilitation protocols emphasized in

Wichita State's program. It is designed for students interested in working with athletic populations.

8. *Evidence-Based Practice in Physical Therapy: Wichita State Curriculum*  
Highlighting the importance of research and critical appraisal, this book guides students through the process of incorporating evidence-based practice into clinical decision-making. It reflects Wichita State's emphasis on lifelong learning and quality patient care.

9. *Physical Therapy Ethics and Professionalism: Wichita State University Insights*

This book addresses the ethical dilemmas and professional standards encountered in physical therapy practice, as taught at Wichita State. It discusses legal responsibilities, patient rights, and professional conduct, preparing students for ethical challenges in their careers.

## [Wichita State University Physical Therapy](#)

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**wichita state university physical therapy:** *Physical Rehabilitation for the Physical Therapist Assistant* Linda G Monroe, 2010-10-05 Prepare for practice with the book tailored specifically for physical therapist assistants! Physical Rehabilitation for the Physical Therapist Assistant provides a clear, easy-to-read, evidence-based guide to the PTA's role in patient management, covering the core concepts related to physical rehabilitation and emphasizing the PTA's role in intervention. A treatment-oriented focus addresses each of the four categories of the American Physical Therapy Association (APTA) Preferred Practice Patterns: musculoskeletal, neuromuscular, cardiopulmonary, and integumentary. The final section of the book addresses interventions which overlap many practice patterns. Written by rehabilitation experts Michelle Cameron, MD, PT and Linda Monroe, MPT, in consultation with Susan Schmidt, a practicing PTA, and Carla Gleaton, the director of a PTA education program, this text will be a valuable resource both in the classroom and in professional practice. - Comprehensive, evidence-based coverage of rehabilitation includes sections on pathology; examination; evaluation, diagnosis, and prognosis; clinical signs, and intervention -- emphasizing the PTA's role in intervention. - Unique! A consistent, organized approach covers physical therapy intervention by disorder, with full discussions of each condition found in a single chapter. - Format follows the Guide to Physical Therapist Practice, 2nd Edition so you become familiar with the terminology used in therapy practice. - Clinical Pearls highlight key information. - Unique! Full-color illustrations clearly demonstrate pathologies and interventions. - Case studies with discussion questions guide you through specific patient interactions to build your clinical reasoning skills. - Glossaries in each chapter define key terms to build your clinical vocabulary. - Unique! Student resources on the companion Evolve website enhance your learning with vocabulary-building exercises, boards-style practice test questions, examples of commonly used forms, and references from the book linked to Medline.

**wichita state university physical therapy:** [Fundamental Orthopedic Management for the](#)



Physical Therapist Assistant - E-Book Robert C. Manske, 2021-07-15 - NEW! Updated content and references are added throughout the book to reflect changes in practice patterns. - NEW! Expanded full-color illustrations add clarity to anatomy and procedural drawings and make it easier to learn important concepts - NEW! Updated chapter summaries highlight essential, need-to-know information. - NEW! Updated educator and student resources on the Evolve website provide tools to make teaching and learning easier.

**wichita state university physical therapy: *Fundamental Orthopedic Management for the Physical Therapist Assistant*** Robert C. Manske, 2015-05-22 - NEW Differential Diagnosis and Emergent Conditions chapter shows how similar symptoms can mask potentially dangerous pathologies and conditions, and may require re-evaluation by the supervising therapist. - NEW Musculoskeletal Imaging chapter explains in basic terms the various types of musculoskeletal imaging used when examining musculoskeletal injuries. - NEW Orthopedic Management Concepts Specific to Women chapter covers the issues, pathology, and progression of women's health issues as they relate to physical rehabilitation. - NEW! Full-color design and illustrations add clarity to anatomy and procedural drawings and make it easier to learn important concepts. - NEW! Important Concepts highlight useful tips and tricks of patient practice. - NEW student resources on the Evolve companion website include critical thinking applications, weblinks to related sites, and references with links to Medline® abstracts.

**wichita state university physical therapy: *Physical Therapy*** Neeraj D Baheti, Moira K Jamati, 2016-04-10 Physical Therapy - Treatment of Common Orthopedic Conditions is a highly illustrated, evidence-based guide to the treatment of a range of common orthopaedic disorders, edited by US based experts in the field. Divided into sixteen chapters, across three sections, the book begins with a section on upper extremity, including conditions such as thoracic outlet syndrome, rotator cuff impingement, and carpal tunnel syndrome. The second section covers the spine, including sprains and strains, and cervical radiculopathy. The final section focuses on lower extremity, covering conditions such as hamstring strain, tendinopathy, and medial tibial stress syndrome. Each chapter begins with an overview of important information for diagnosis, followed by detailed evaluation and treatment approaches, which include conservative therapy, as well as complimentary, alternative, medical and surgical interventions. The text is enhanced by 850 full colour images and illustrations. Physical Therapy - Treatment of Common Orthopedic Conditions references more than 1700 journal articles and books, ensuring authoritative content throughout this valuable resource for physiotherapists. Key Points Evidence-based guide to the treatment of a range of common orthopaedic conditions USA-based, expert editorial team References from over 1700 authoritative journal articles and books 850 full colour images and illustrations

**wichita state university physical therapy: *Fundamental Orthopedic Management for the Physical Therapist Assistant - E-Book*** Gary A. Shankman, Robert C. Manske, 2010-10-01 More than 30 new contributors participated in this new edition, allowing you to learn from experts in each field. Unique! Rheumatic Disorders chapter covers disorders such as arthritis, gout, fibromyalgia, and systemic lupus erythematosus, including pathophysiology, a description of the inflammation, and pharmacological and non-pharmacological interventions. Unique! Pain and Pain Syndromes chapter covers types of pain, pain mechanisms, its measurement, and its management. Unique! Bracing, Orthotics, and Prosthetics chapter outlines the types of materials used to construct braces, orthotics, and prosthetics; the use of each unit by anatomic area; their biomechanics; the indications and contraindications for each; as well as an introduction to amputation.

**wichita state university physical therapy: *Mosby's Field Guide to Physical Therapy*** Mosby, 2009-07-08 Ideal for clinical settings, this unique, handheld reference provides the most vital details of assessment diagnosis and treatment in a portable, lay-flat format. The convenient organization with color-coded sections and information broken down into charts, tables, and lists makes it easy to find information quickly. With content compiled, created and reviewed by experts in PT practice and education, you'll have all of the information you depend on for academic and clinical success in one convenient reference! Coverage of preferred practice pattern key areas - including

musculoskeletal, neuromuscular, cardiovascular and pulmonary, and integumentary - prepare you for situations you'll encounter in practice. Charts, tables, lists, and figures offer easy access to critical information, perfect for fast access in the field. Content on adult, pediatric and geriatric populations prepare you to provide the best care for each patient. Drug monographs include essential information on drugs that may affect physical therapy intervention. Tools for Practice section features important tools for clinical use including content on vital signs, lab values, common ICD-9 codes, American Sign Language, Spanish terminology, and drug monographs. A vibrant, full-color, user-friendly design with over 130 illustrations and color-coded sections makes it easy to find and understand information. Convenient, take-along format lays flat for easy reference in the busy clinical setting.

**wichita state university physical therapy: Physical Rehabilitation - E-Book** Michelle H. Cameron, Linda G Monroe, 2007-04-05 The only physical rehabilitation text modeled after the concepts of the APTA's Guide to Physical Therapist Practice, 2nd Edition, this detailed resource provides the most complete coverage of rehabilitation across the preferred practice patterns of physical therapy all in one place! Each chapter is consistently organized to make it easy to find the information you need, with clear guidelines, examples, and summaries based on the latest clinical evidence to help you improve quality of care and ensure positive patient outcomes. - In-depth, evidence-based coverage of more key content areas than any other rehabilitation resource of its kind, including orthopedics, neurology, and wound management, ensures a comprehensive understanding of rehabilitation supported by the latest clinical research. - More than 65 case studies present a problem-based approach to rehabilitation and detail practical, real-world applications. - Over 600 full-color illustrations clarify concepts and techniques. - A FREE companion CD prepares you for practice with printable examination forms and reference lists from the text linked to Medline abstracts and reinforces understanding through interactive boards-style review questions, and vocabulary-building exercises.

**wichita state university physical therapy: Cardiovascular and Pulmonary Physical Therapy** Donna Frownfelter, Elizabeth Dean, 2012-03-30 Providing a solid foundation in cardiovascular and pulmonary physiology and rehabilitation, Cardiovascular and Pulmonary Physical Therapy: Evidence and Practice, 5th Edition uses the latest scientific literature and research in covering anatomy and physiology, assessment, and interventions. A holistic approach addresses the full spectrum of cardiovascular and pulmonary physical therapy from acute to chronic conditions, starting with care of the stable patient and progressing to management of the more complex, unstable patient. Both primary and secondary cardiovascular and pulmonary disorders are covered. In this edition, updates include new, full-color clinical photographs and the most current coverage of techniques and trends in cardiopulmonary physical therapy. Edited by Donna Frownfelter and Elizabeth Dean, recognized leaders in cardiovascular and pulmonary rehabilitation, this resource is ideal for clinicals and for practice. - Evidence-based practice is demonstrated with case studies, and the latest research supports PT decision-making. - Real-life clinical cases show the application of concepts to evidence-based practice. - Holistic approach supports treating the whole person rather than just the symptoms of a disease or disorder, covering medical, physiological, psychological, psychosocial, therapeutic, practical, and methodological aspects. - Coverage includes both primary and secondary cardiovascular and pulmonary conditions. - An integrated approach to oxygen transport demonstrates how the cardiovascular and pulmonary systems function together. - Emphasis on the terminology and guidelines of APTA's Guide to Physical Therapist Practice keeps the book consistent with the standards for practice in physical therapy. - Key terms and review questions in each chapter focus your learning on important concepts. - The Evolve companion website includes additional resources such as a case study guide, Archie animations, color images, video clips, WebLinks, and references with links to MEDLINE abstracts. - Full-color photos and illustrations enhance your understanding of the book's concepts. - Two new Mobilization and Exercise chapters cover physiologic principles along with application to practice. - Information on airway clearance techniques is revised and condensed into one comprehensive chapter. - New reference style makes it

easier to find resources by replacing the old author-date references with numbered superscripts linked to MEDLINE abstracts.

**wichita state university physical therapy:** Physical Therapy of the Shoulder - E-Book Robert A. Donatelli, 2011-03-16 - Updated neurology and surgery sections provide the most current, evidence-based practice parameters. - New case studies are added to show the clinical application of therapy principles. - Video clips on the companion Evolve website demonstrate additional techniques, exercises, and tests.

**wichita state university physical therapy:** *Shoulder Rehabilitation* Todd S. Ellenbecker, 2011-01-01 Clear treatment guidelines for a range of shoulder disorders This book presents the latest evidence-based information on current non-operative treatment recommendations for shoulder rehabilitation. Addressing a range of shoulder disorders, including glenohumeral joint instability, glenohumeral joint impingement, and frozen shoulder, *Shoulder Rehabilitation: Non-Operative Treatment* provides easy-to-follow guidelines on how to develop rehabilitation plans tailored to the specific needs of the patient. It also covers special topics in shoulder rehabilitation, such as how to modify traditional exercises for shoulder rehabilitation; the use of taping and external devices in rehabilitation; and the use of interval-based sport return programs. Highlights of this text: In-depth coverage of specific shoulder pathologies with key basic science information Detailed descriptions of specific exercise modifications that will help return the active shoulder patient to full activity following physical therapy Extensive use of photographs and figures that illustrate recommended exercise and mobilization techniques An ideal clinical reference, this book will benefit specialists in orthopedics, sports medicine, and physical therapy, as well as students in graduate-level physical therapy and athletic training programs.

**wichita state university physical therapy:** Clinical Orthopaedic Rehabilitation E-Book S. Brent Brotzman, Robert C. Manske, 2011-05-06 In *Clinical Orthopaedic Rehabilitation: An Evidence-Based Approach*, Dr. S. Brent Brotzman and Robert C. Manske help you apply the most effective, evidence-based protocols for maximizing return to function following common sports injuries and post-surgical conditions. A well-respected, comprehensive source for evaluating, treating, and rehabilitating orthopaedic patients, the 3rd Edition guides you on the prevention of running injuries, the latest perturbation techniques, and the ACL rehabilitation procedures and functional tests you need to help get your patients back in the game or the office. You'll also find a brand-new spine rehabilitation section, an extensively revised art program, and online access to videos demonstrating rehabilitation procedures of common orthopaedic conditions at [www.expertconsult.com](http://www.expertconsult.com). Get expert guidance on everything you may see on a day-to-day basis in the rehabilitation of joint replacements and sports injuries. Apply evidence-based rehabilitation protocols to common sports conditions like ACL and meniscus injuries and post-surgical rehabilitation for the knee, hip, and shoulder. See how to perform perturbation techniques for ACL rehabilitation, ACL functional tests and return-to-play criteria after reconstruction, analysis of running gait to prevent and treat running injury, and more with videos online at [www.expertconsult.com](http://www.expertconsult.com). Use the expert practices described in *Tendinopathy and Hip Labral Injuries*, part of the expanded Special Topics section, to help patients realize quicker recovery times. Visualize physical examination and rehabilitation techniques with the extensively revised art program that presents 750 figures and illustrations.

**wichita state university physical therapy:** **Graduate Programs in the Biological/Biomedical Sciences & Health-Related Medical Professions 2014 (Grad 3)** Peterson's, 2013-12-20 Peterson's Graduate Programs in the Biological/Biomedical Sciences & Health-Related Medical Professions 2014 contains comprehensive profiles of nearly 6,800 graduate programs in disciplines such as, allied health, biological & biomedical sciences, biophysics, cell, molecular, & structural biology, microbiological sciences, neuroscience & neurobiology, nursing, pharmacy & pharmaceutical sciences, physiology, public health, and more. Up-to-date data, collected through Peterson's Annual Survey of Graduate and Professional Institutions, provides valuable information on degree offerings, professional accreditation, jointly offered degrees,

part-time and evening/weekend programs, postbaccalaureate distance degrees, faculty, students, requirements, expenses, financial support, faculty research, and unit head and application contact information. There are helpful links to in-depth descriptions about a specific graduate program or department, faculty members and their research, and more. There are also valuable articles on financial assistance, the graduate admissions process, advice for international and minority students, and facts about accreditation, with a current list of accrediting agencies.

**wichita state university physical therapy: Kinesiology - E-Book** Joseph E. Muscolino, 2010-10-15 See the body's bones, joints, and muscles in action! Highly visual and in full color, *Kinesiology: The Skeletal System and Muscle Function* makes it easy to understand kinesiology concepts and how they would be applied to the treatment of dysfunction. It contains over 1,200 illustrations, including a bone atlas that shows every bone in the human body and six chapters with detailed, illustrated coverage of joints. Written by noted educator and author Joseph E. Muscolino, this book clearly depicts how muscles function as movers, antagonists, and stabilizers. This edition expands its reach to athletic training with two new chapters on stretching and strengthening exercises. This title includes additional digital media when purchased in print format. For this digital book edition, media content may not be included Companion DVD includes over one hour of video demonstrating all the major joint actions of the human body, with a voiceover explanation of the names of the motions, the planes in which motion occurs, and the axes around which motion occurs. Unique! A focus on the needs of massage therapists and bodyworkers makes it easier to apply kinesiology concepts to the practice of massage therapy. Unique! A complete bone atlas includes over 100 full-color photographs showing every bone in the human body. 1,200 full-color illustrations help you understand concepts relating to the bones of the human body, joints of the human body, and muscle function parts. A logical, easy-to-reference format moves from basics (like parts of the body) to more difficult topics (such as microphysiology). Six chapters on joints cover structure, function, and terminology, with specific illustrations on each joint in the human body: joints of the axial body, joints of the upper extremity, and joints of the lower extremity. Student-friendly features in each chapter include an outline, learning objectives, overview, key terms with pronunciations, and word origins designating the Latin or Greek derivative. Clear, simple explanations make it easy to understand kinesiology concepts, including muscle contraction(s), coordination of muscles with movement, core stabilization, posture, exercise, reflexes, and how the nervous system controls and directs the muscular system. Expert author Joseph E. Muscolino, DC, offers years of experience in the study of muscles and muscle function, as well as bodywork and massage, and conveys that information in an understandable format.

**wichita state university physical therapy: Clinical Orthopaedic Rehabilitation: A Team Approach E-Book** Charles E. Giangarra, Robert C. Manske, 2017-01-04 Evidence suggests a direct correlation between the quality of postoperative orthopaedic rehabilitation and the effectiveness of the surgery. *Clinical Orthopaedic Rehabilitation*, 4th Edition, helps today's orthopaedic teams apply the most effective, evidence-based protocols for maximizing return to function following common sports injuries and post-surgical conditions. Charles Giangarra, MD and Robert Manske, PT continue the commitment to excellence established by Dr. S. Brent Brotzman in previous editions, bringing a fresh perspective to the team approach to rehabilitation. - Every section is written by a combination of surgeons, physical therapists, and occupational therapists, making this respected text a truly practical how-to guide for the appropriate initial exam, differential diagnosis, treatment, and rehabilitation. - Treatment and rehabilitation protocols are presented in a step-by-step, algorithmic format with each new phase begun after criteria are met (criteria-based progression, reflecting current best practice). - Revised content brings you up to date with new evidence-based literature on examination techniques, classification systems, differential diagnosis, treatment options, and criteria-based rehabilitation protocols. - Extensive updates throughout include new chapters on: medial patellofemoral ligament, shoulder impingement, pec major ruptures, thoracic outlet syndrome, general humeral fractures, foot and ankle fractures, medial patellofemoral ligament reconstruction, the arthritic hip, athletic pubalgia, and labral repair and reconstruction. -

Easy-to-follow videos demonstrate rehabilitation procedures of frequently seen orthopaedic conditions and commonly used exercises, and new full-color images complement the highly visual nature of the text.

**wichita state university physical therapy:** *Mechanics, Pathomechanics and Injury in the Overhead Athlete* W. Ben Kibler, Aaron D. Sciascia, 2019-05-07 As clinical interest in overhead athletic injuries is on the upswing, so is greater interest in the factors for performance and injury risk in throwing and other overhead motion. This practical, case-based text is divided into two sections and will present the basic principles of overhead athletes followed by unique clinical case presentations describing different aspects of performance, injury and management in throwing and other overhead athletes. Part I discusses the mechanics and pathomechanics of the overhead motion, along with principles of evaluation, the physical exam, surgical management of both the shoulder and elbow, rehabilitation and return to play, injury risk modification, and the role of the scapula. Unique clinical cases comprise all of part II and follow a consistent format covering the history, exam, imaging, diagnosis and outcome of the chosen intervention. These cases illustrate a cross-section of sports and activities, from the baseball player to the swimmer, and a range of shoulder and elbow problems in pediatric and adult overhead athletes Providing a unique case-based approach to a growing hot topic, *Mechanics, Pathomechanics and Injury in the Overhead Athlete* is an ideal resource for orthopedic surgeons, sports medicine specialists, physiatrists, physical therapists, certified athletic trainers and allied medical professions treating active persons of all ages.

**wichita state university physical therapy:** *Graduate & Professional Programs: An Overview 2011 (Grad 1)* Peterson's, 2011-05-01 An Overview contains more than 2,300 university/college profiles that offer valuable information on graduate and professional degrees and certificates, enrollment figures, tuition, financial support, housing, faculty, research affiliations, library facilities, and contact information. This graduate guide enables students to explore program listings by field and institution. Two-page in-depth descriptions, written by administrators at featured institutions, give complete details on the graduate study available. Readers will benefit from the expert advice on the admissions process, financial support, and accrediting agencies.

**wichita state university physical therapy:** *Peterson's Graduate & Professional Programs: An Overview--Directory of Graduate and Professional Programs by Field* Peterson's, 2011-06-01 Graduate & Professional Programs: An Overview--Directory of Graduate and Professional Programs by Field offers prospective students a quick way to search for graduate programs by field of interest. Easy-to-read pages offer an alphabetical listing of graduate degree programs and the colleges and universities that offer them. Up-to-date data is collected through Peterson's Annual Survey of Graduate and Professional Institutions.

**wichita state university physical therapy:** *Orthopedic Joint Mobilization and Manipulation* Manske, Robert C., Lehecka, Brian , Reiman, Michael, Loudon, Janice, 2019 Orthopedic Joint Mobilization and Manipulation is a guide to clinical applications that will help eliminate pain and re-establish normal joint motion for patients experiencing various musculoskeletal ailments. Sixty techniques are demonstrated in video within the companion web study guide.

**wichita state university physical therapy:** *Graduate Schools in the U.S. 2011* Peterson's, 2010-07-01 Peterson's Graduate Schools in the U.S. is the snapshot paperback version of the hardcover Peterson's Graduate & Professional Programs: An Overview (book one of the six-volume hardcover Grad series). This book includes articles with information on how to finance a graduate education, tips on choosing the right program, and why accreditation is important. It has up-to-date information on hundreds of U.S. institutions that offer master's and doctoral degree programs in a wide range of fields--from accounting to zoology--with facts and figures on enrollment, faculty, computer and library facilities, expenses, and contact information. The program listings are searchable by state or field and includes an alphabetical school index.

**wichita state university physical therapy:** *Physical Therapy Case Files, Sports* Jason Brumitt,

Erin E. Jobst, 2015-10-06 Dozens of realistic cases help students make transition from classroom to clinic The Physical Therapy Case Files series gives students realistic cases designed to help them make the transition from classroom to clinical work and is an outstanding review for the specialty topics included on the American Physical Therapy Association certification exams. This evidence-based series can stand alone or is the perfect complement to textbooks for enhanced learning in the context of real patients. Each case includes clinical tips, evidence-based practice recommendations, analysis, and review questions. These cases teach students how to think through evaluation, assessment, and treatment planning. Includes 42 realistic sports medicine cases A great clinical refresher for practitioners looking to brush up on their skills

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**Department of Physical Therapy - Wichita State University** The Doctor of Physical Therapy program at Wichita State develops practitioners who are fully trained to diagnose, restore, and prevent various physical injuries, conditions and dysfunctions

**Doctor of Physical Therapy - Wichita State University** The Wichita State University Doctor of Physical Therapy entry-level program prepares students to examine, evaluate, diagnose, and treat people suffering from disabling conditions due to injury,

**Admissions to Physical Therapy Program - Wichita State University** Physical therapy clinical observations of 20 hours (or more) in one or more physical therapy settings is required. To fulfill this requirement, the observation hours must be unpaid and

**About Physical Therapy - Wichita State University** Graduates will be employed as physical therapists and provide quality collaborative care. The Program faculty will be contemporary educators and scholars who communicate effectively,

**Doctor of Physical Therapy < Wichita State University Catalog** Students in the Doctor of Physical Therapy program are required to complete an applied learning or research experience to graduate from the program. The requirement can be met with

**Contact Us - Wichita State University** The Department of Physical Therapy is located at WSU Old Town. See campus map for details

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