## WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY

WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY IS A DISTINGUISHED PROGRAM DEDICATED TO TRAINING FUTURE PHYSICAL THERAPISTS WITH A COMPREHENSIVE CURRICULUM AND HANDS-ON CLINICAL EXPERIENCE. THIS PROGRAM EMPHASIZES EVIDENCE-BASED PRACTICES, PATIENT-CENTERED CARE, AND INTERDISCIPLINARY COLLABORATION TO PREPARE GRADUATES FOR SUCCESSFUL CAREERS IN REHABILITATION AND HEALTHCARE. WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY PROGRAM OFFERS A ROBUST ACADEMIC FOUNDATION COMBINED WITH PRACTICAL LEARNING OPPORTUNITIES, ENSURING STUDENTS DEVELOP BOTH THEORETICAL KNOWLEDGE AND ESSENTIAL CLINICAL SKILLS. THE PROGRAM ALSO HIGHLIGHTS THE IMPORTANCE OF COMMUNITY ENGAGEMENT AND SERVICE, REFLECTING THE UNIVERSITY'S MISSION TO FOSTER COMPASSIONATE HEALTHCARE PROFESSIONALS. THIS ARTICLE PROVIDES AN IN-DEPTH OVERVIEW OF THE PROGRAM'S STRUCTURE, ADMISSION CRITERIA, CURRICULUM, CLINICAL TRAINING, FACULTY EXPERTISE, AND CAREER PROSPECTS. DETAILED INSIGHTS INTO THE FACILITIES, RESEARCH INITIATIVES, AND STUDENT SUPPORT SERVICES WILL ALSO BE DISCUSSED TO GIVE PROSPECTIVE STUDENTS A CLEAR UNDERSTANDING OF WHAT TO EXPECT.

- Overview of William Carey University Physical Therapy Program
- ADMISSION REQUIREMENTS AND APPLICATION PROCESS
- CURRICULUM AND ACADEMIC STRUCTURE
- CLINICAL EDUCATION AND HANDS-ON TRAINING
- FACULTY AND RESEARCH OPPORTUNITIES
- FACILITIES AND RESOURCES
- CAREER OUTCOMES AND PROFESSIONAL DEVELOPMENT

# OVERVIEW OF WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY PROGRAM

THE WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY PROGRAM IS DESIGNED TO PREPARE STUDENTS TO BECOME LICENSED PHYSICAL THERAPISTS EQUIPPED TO MEET THE DIVERSE NEEDS OF PATIENTS ACROSS VARIOUS HEALTHCARE SETTINGS.

EMPHASIZING BOTH SCIENTIFIC KNOWLEDGE AND PRACTICAL SKILLS, THE PROGRAM INTEGRATES COURSEWORK IN ANATOMY, PHYSIOLOGY, BIOMECHANICS, AND THERAPEUTIC TECHNIQUES WITH CLINICAL EXPERIENCES. THE CURRICULUM AIMS TO DEVELOP CRITICAL THINKING, ETHICAL PRACTICE, AND LEADERSHIP QUALITIES AMONG STUDENTS. THE UNIVERSITY'S COMMITMENT TO EXCELLENCE IS REFLECTED IN ITS ACCREDITATION STATUS, ENSURING THE PROGRAM MEETS RIGOROUS NATIONAL STANDARDS FOR PHYSICAL THERAPY EDUCATION. GRADUATES ARE WELL-PREPARED TO CONTRIBUTE EFFECTIVELY IN HOSPITALS, OUTPATIENT CLINICS, REHABILITATION CENTERS, AND COMMUNITY HEALTH ORGANIZATIONS. ADDITIONALLY, THE PROGRAM FOSTERS A CULTURE OF LIFELONG LEARNING AND PROFESSIONAL GROWTH.

#### PROGRAM ACCREDITATION AND RECOGNITION

WILLIAM CAREY UNIVERSITY'S DOCTOR OF PHYSICAL THERAPY (DPT) PROGRAM IS ACCREDITED BY THE COMMISSION ON ACCREDITATION IN PHYSICAL THERAPY EDUCATION (CAPTE), WHICH SIGNIFIES ADHERENCE TO HIGH-QUALITY EDUCATIONAL STANDARDS. THIS ACCREDITATION ENSURES THAT THE PROGRAM'S CURRICULUM, FACULTY, CLINICAL TRAINING, AND RESOURCES MEET THE COMPREHENSIVE REQUIREMENTS NEEDED TO PREPARE COMPETENT PHYSICAL THERAPISTS. THE PROGRAM'S GRADUATES ARE ELIGIBLE TO SIT FOR THE NATIONAL PHYSICAL THERAPY EXAMINATION (NPTE) AND PURSUE LICENSURE IN ALL U.S. STATES. THE RECOGNITION ALSO FACILITATES GRADUATES' ELIGIBILITY FOR ADVANCED CERTIFICATIONS AND SPECIALIZATION IN AREAS SUCH AS ORTHOPEDICS, NEUROLOGY, AND PEDIATRICS.

# ADMISSION REQUIREMENTS AND APPLICATION PROCESS

Admission to the William Carey University physical therapy program is competitive and based on a holistic review of each applicant's academic achievements, clinical experience, and personal qualities. Prospective students must meet specific prerequisites and submit detailed application materials through the Physical Therapist Centralized Application Service (PTCAS). The program seeks candidates who demonstrate academic excellence, commitment to healthcare, and strong interpersonal skills suitable for patient care.

# PREREQUISITE COURSEWORK

APPLICANTS ARE REQUIRED TO HAVE COMPLETED UNDERGRADUATE COURSEWORK IN SEVERAL FOUNDATIONAL SUBJECTS TO ENSURE PREPAREDNESS FOR THE RIGOROUS DPT CURRICULUM. TYPICAL PREREQUISITE COURSES INCLUDE:

- HUMAN ANATOMY AND PHYSIOLOGY
- BIOLOGY
- CHEMISTRY
- Physics
- Psychology
- STATISTICS
- MEDICAL TERMINOLOGY

MAINTAINING A COMPETITIVE GPA IN THESE COURSES IS ESSENTIAL FOR CONSIDERATION. ADDITIONALLY, APPLICANTS SHOULD DEMONSTRATE HANDS-ON EXPERIENCE IN PHYSICAL THERAPY OR RELATED HEALTHCARE SETTINGS.

## APPLICATION COMPONENTS

THE APPLICATION PROCESS INVOLVES SEVERAL COMPONENTS DESIGNED TO ASSESS THE CANDIDATE'S READINESS AND SUITABILITY FOR THE PROGRAM. THESE INCLUDE:

- OFFICIAL TRANSCRIPTS FROM ALL POST-SECONDARY INSTITUTIONS ATTENDED
- GRE SCORES (IF REQUIRED)
- LETTERS OF RECOMMENDATION FROM ACADEMIC OR PROFESSIONAL REFERENCES
- PERSONAL STATEMENT ARTICULATING MOTIVATION AND CAREER GOALS IN PHYSICAL THERAPY
- DOCUMENTATION OF CLINICAL OBSERVATION OR VOLUNTEER EXPERIENCE IN PHYSICAL THERAPY

SELECTED APPLICANTS MAY BE INVITED FOR INTERVIEWS TO FURTHER EVALUATE COMMUNICATION SKILLS, PROFESSIONALISM, AND ALIGNMENT WITH THE PROGRAM'S VALUES.

# CURRICULUM AND ACADEMIC STRUCTURE

THE WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY CURRICULUM IS STRUCTURED TO BUILD PROGRESSIVELY FROM FOUNDATIONAL SCIENCES TO ADVANCED CLINICAL SKILLS OVER APPROXIMATELY THREE YEARS. THE PROGRAM CULMINATES IN A

DOCTOR OF PHYSICAL THERAPY DEGREE, PREPARING STUDENTS FOR LICENSURE AND PROFESSIONAL PRACTICE. COURSEWORK INTEGRATES DIDACTIC INSTRUCTION, LABORATORY WORK, AND PRACTICAL APPLICATIONS TO ENSURE COMPREHENSIVE LEARNING.

## CORE COURSEWORK

THE CORE CURRICULUM COVERS A WIDE RANGE OF TOPICS ESSENTIAL FOR PHYSICAL THERAPY PRACTICE, INCLUDING:

- Musculoskeletal and Neuromuscular Anatomy
- Pathophysiology
- THERAPEUTIC EXERCISE AND MODALITIES
- Neurological Rehabilitation
- CARDIOPULMONARY PHYSICAL THERAPY
- PHARMACOLOGY RELEVANT TO PHYSICAL THERAPY
- EVIDENCE-BASED PRACTICE AND RESEARCH METHODS

STUDENTS ENGAGE IN ACTIVE LEARNING STRATEGIES SUCH AS CASE STUDIES, SIMULATIONS, AND GROUP PROJECTS TO ENHANCE CLINICAL REASONING AND PROBLEM-SOLVING ABILITIES.

## CAPSTONE AND RESEARCH INTEGRATION

AS PART OF THE ACADEMIC REQUIREMENTS, STUDENTS PARTICIPATE IN RESEARCH PROJECTS OR SCHOLARLY ACTIVITIES THAT PROMOTE AN UNDERSTANDING OF CURRENT PHYSICAL THERAPY RESEARCH AND ITS APPLICATION TO CLINICAL PRACTICE. THE CAPSTONE EXPERIENCE ENCOURAGES STUDENTS TO SYNTHESIZE KNOWLEDGE AND DEMONSTRATE CLINICAL COMPETENCE IN REAL-WORLD SETTINGS.

# CLINICAL EDUCATION AND HANDS-ON TRAINING

CLINICAL EDUCATION IS A CORNERSTONE OF THE WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY PROGRAM, PROVIDING STUDENTS WITH ESSENTIAL PRACTICAL EXPERIENCE UNDER THE SUPERVISION OF LICENSED PHYSICAL THERAPISTS. THESE CLINICAL ROTATIONS OCCUR IN DIVERSE HEALTHCARE ENVIRONMENTS, ALLOWING STUDENTS TO APPLY THEORETICAL KNOWLEDGE AND DEVELOP PATIENT CARE SKILLS.

## CLINICAL ROTATION SITES

STUDENTS COMPLETE MULTIPLE CLINICAL PLACEMENTS IN SETTINGS SUCH AS:

- HOSPITALS AND ACUTE CARE FACILITIES
- OUTPATIENT ORTHOPEDIC CLINICS
- REHABILITATION CENTERS
- Skilled NURSING FACILITIES
- COMMUNITY HEALTH PROGRAMS

PEDIATRIC AND GERIATRIC CARE ENVIRONMENTS

THESE VARIED EXPERIENCES EXPOSE STUDENTS TO A BROAD SPECTRUM OF PATIENT POPULATIONS AND TREATMENT APPROACHES.

## SUPERVISION AND EVALUATION

During clinical rotations, students receive direct supervision and mentorship from experienced clinicians who provide feedback and guidance. Clinical performance is rigorously evaluated to ensure students meet competency standards in patient assessment, treatment planning, and professional conduct. This hands-on training is critical for developing confidence and proficiency before entering independent practice.

## FACULTY AND RESEARCH OPPORTUNITIES

THE WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY FACULTY COMPRISES EXPERIENCED EDUCATORS, CLINICIANS, AND RESEARCHERS DEDICATED TO FOSTERING ACADEMIC EXCELLENCE AND INNOVATION. FACULTY MEMBERS BRING DIVERSE EXPERTISE IN VARIOUS PHYSICAL THERAPY SPECIALTIES, CONTRIBUTING TO A RICH LEARNING ENVIRONMENT.

# FACULTY QUALIFICATIONS AND EXPERTISE

FACULTY MEMBERS HOLD ADVANCED DEGREES AND CERTIFICATIONS IN PHYSICAL THERAPY AND RELATED FIELDS. MANY ARE ACTIVELY INVOLVED IN CLINICAL PRACTICE AND RESEARCH, ENSURING THAT INSTRUCTION IS INFORMED BY CURRENT BEST PRACTICES. THEIR COMMITMENT TO MENTORSHIP SUPPORTS STUDENT SUCCESS IN BOTH ACADEMIC AND CLINICAL SETTINGS.

## RESEARCH AND SCHOLARLY ACTIVITIES

THE PROGRAM ENCOURAGES STUDENT INVOLVEMENT IN RESEARCH PROJECTS, OFTEN FOCUSING ON AREAS SUCH AS REHABILITATION TECHNIQUES, PAIN MANAGEMENT, AND FUNCTIONAL MOBILITY. OPPORTUNITIES EXIST TO PARTICIPATE IN ONGOING FACULTY-LED STUDIES OR TO DEVELOP INDEPENDENT RESEARCH UNDER SUPERVISION. ENGAGEMENT IN RESEARCH FOSTERS CRITICAL THINKING AND CONTRIBUTES TO THE ADVANCEMENT OF PHYSICAL THERAPY KNOWLEDGE.

# FACILITIES AND RESOURCES

WILLIAM CAREY UNIVERSITY PROVIDES STATE-OF-THE-ART FACILITIES AND RESOURCES TO SUPPORT THE EDUCATION AND TRAINING OF PHYSICAL THERAPY STUDENTS. THESE INCLUDE MODERN LABORATORIES, SIMULATION CENTERS, AND ACCESS TO CLINICAL EQUIPMENT USED IN CONTEMPORARY PHYSICAL THERAPY PRACTICE.

## LABORATORY AND SIMULATION FACILITIES

THE PROGRAM FEATURES ANATOMY LABS EQUIPPED WITH MODELS AND DIGITAL TOOLS, ALLOWING STUDENTS TO STUDY HUMAN STRUCTURE IN DETAIL. SIMULATION LABS REPLICATE CLINICAL SCENARIOS TO PRACTICE ASSESSMENT AND TREATMENT TECHNIQUES SAFELY. THESE FACILITIES ENHANCE EXPERIENTIAL LEARNING AND PREPARE STUDENTS FOR REAL-WORLD PATIENT CARE.

### LIBRARY AND LEARNING RESOURCES

STUDENTS HAVE ACCESS TO EXTENSIVE ACADEMIC RESOURCES, INCLUDING PHYSICAL THERAPY JOURNALS, TEXTBOOKS, AND

ONLINE DATABASES. THE UNIVERSITY'S LIBRARY SERVICES SUPPORT RESEARCH AND EVIDENCE-BASED LEARNING, ESSENTIAL COMPONENTS OF THE PHYSICAL THERAPY CURRICULUM.

# CAREER OUTCOMES AND PROFESSIONAL DEVELOPMENT

GRADUATES OF THE WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY PROGRAM ARE WELL-POSITIONED FOR SUCCESSFUL CAREERS IN DIVERSE HEALTHCARE SETTINGS. THE PROGRAM'S COMPREHENSIVE TRAINING EQUIPS STUDENTS WITH THE SKILLS NECESSARY TO MEET LICENSURE REQUIREMENTS AND EXCEL IN PROFESSIONAL PRACTICE.

### LICENSURE AND CERTIFICATION

AFTER GRADUATION, STUDENTS ARE ELIGIBLE TO TAKE THE NATIONAL PHYSICAL THERAPY EXAMINATION (NPTE), A REQUIREMENT FOR STATE LICENSURE. THE PROGRAM'S STRONG CURRICULUM AND CLINICAL PREPARATION CONTRIBUTE TO HIGH PASS RATES AMONG GRADUATES. ADDITIONALLY, ALUMNI PURSUE SPECIALTY CERTIFICATIONS TO ENHANCE THEIR EXPERTISE IN AREAS SUCH AS ORTHOPEDICS, SPORTS, AND GERIATRICS.

# EMPLOYMENT OPPORTUNITIES AND PROFESSIONAL GROWTH

GRADUATES FIND EMPLOYMENT IN A VARIETY OF SETTINGS, INCLUDING:

- HOSPITALS AND ACUTE CARE CENTERS
- OUTPATIENT REHABILITATION CLINICS
- LONG-TERM CARE AND SKILLED NURSING FACILITIES
- HOME HEALTH SERVICES
- ACADEMIC AND RESEARCH INSTITUTIONS

THE PROGRAM ALSO SUPPORTS ONGOING PROFESSIONAL DEVELOPMENT THROUGH CONTINUING EDUCATION AND NETWORKING OPPORTUNITIES, PREPARING GRADUATES FOR LEADERSHIP ROLES AND ADVANCED CLINICAL POSITIONS.

# FREQUENTLY ASKED QUESTIONS

## WHAT PROGRAMS DOES WILLIAM CAREY UNIVERSITY OFFER IN PHYSICAL THERAPY?

WILLIAM CAREY UNIVERSITY OFFERS A DOCTOR OF PHYSICAL THERAPY (DPT) PROGRAM DESIGNED TO PREPARE STUDENTS FOR CAREERS AS LICENSED PHYSICAL THERAPISTS.

# IS WILLIAM CAREY UNIVERSITY'S PHYSICAL THERAPY PROGRAM ACCREDITED?

YES, THE DOCTOR OF PHYSICAL THERAPY PROGRAM AT WILLIAM CAREY UNIVERSITY IS ACCREDITED BY THE COMMISSION ON ACCREDITATION IN PHYSICAL THERAPY EDUCATION (CAPTE).

WHAT ARE THE ADMISSION REQUIREMENTS FOR THE DPT PROGRAM AT WILLIAM CAREY

### UNIVERSITY?

ADMISSION REQUIREMENTS TYPICALLY INCLUDE A BACHELOR'S DEGREE, COMPLETION OF PREREQUISITE COURSES, A MINIMUM GPA, LETTERS OF RECOMMENDATION, AND A PERSONAL STATEMENT. SPECIFIC DETAILS CAN BE FOUND ON THE UNIVERSITY'S ADMISSIONS WEBPAGE.

# DOES WILLIAM CAREY UNIVERSITY PROVIDE CLINICAL INTERNSHIP OPPORTUNITIES FOR PHYSICAL THERAPY STUDENTS?

YES, STUDENTS IN THE DPT PROGRAM AT WILLIAM CAREY UNIVERSITY PARTICIPATE IN CLINICAL INTERNSHIPS AT VARIOUS HEALTHCARE FACILITIES TO GAIN HANDS-ON EXPERIENCE.

# WHAT CAREER SUPPORT DOES WILLIAM CAREY UNIVERSITY OFFER FOR PHYSICAL THERAPY GRADUATES?

THE UNIVERSITY OFFERS CAREER SERVICES INCLUDING JOB PLACEMENT ASSISTANCE, RESUME BUILDING, INTERVIEW PREPARATION, AND NETWORKING OPPORTUNITIES WITH HEALTHCARE EMPLOYERS.

## HOW LONG IS THE PHYSICAL THERAPY PROGRAM AT WILLIAM CAREY UNIVERSITY?

THE DOCTOR OF PHYSICAL THERAPY PROGRAM AT WILLIAM CAREY UNIVERSITY TYPICALLY TAKES THREE YEARS TO COMPLETE AFTER OBTAINING A BACHELOR'S DEGREE.

# WHAT MAKES WILLIAM CAREY UNIVERSITY'S PHYSICAL THERAPY PROGRAM UNIQUE?

WILLIAM CAREY UNIVERSITY EMPHASIZES A HOLISTIC APPROACH TO PHYSICAL THERAPY EDUCATION, COMBINING RIGOROUS ACADEMICS WITH CHRISTIAN VALUES AND EXTENSIVE CLINICAL EXPERIENCES TO PREPARE COMPASSIONATE AND SKILLED PROFESSIONALS.

# ADDITIONAL RESOURCES

#### 1. FOUNDATIONS OF PHYSICAL THERAPY AT WILLIAM CAREY UNIVERSITY

THIS COMPREHENSIVE TEXTBOOK COVERS THE FUNDAMENTAL PRINCIPLES AND PRACTICES TAUGHT AT WILLIAM CAREY UNIVERSITY'S PHYSICAL THERAPY PROGRAM. IT INCLUDES DETAILED ANATOMY, PHYSIOLOGY, AND BIOMECHANICS RELEVANT TO REHABILITATION. STUDENTS WILL FIND PRACTICAL CASE STUDIES AND CLINICAL GUIDELINES TO BRIDGE THEORY AND PRACTICE EFFECTIVELY.

#### 2. CLINICAL SKILLS AND TECHNIQUES IN PHYSICAL THERAPY

FOCUSING ON HANDS-ON SKILLS, THIS BOOK OFFERS STEP-BY-STEP INSTRUCTIONS FOR COMMON PHYSICAL THERAPY INTERVENTIONS USED BY WILLIAM CAREY UNIVERSITY STUDENTS. IT EMPHASIZES PATIENT ASSESSMENT, MANUAL THERAPY, AND THERAPEUTIC EXERCISE. ILLUSTRATIONS AND VIDEO RESOURCES COMPLEMENT THE TEXT TO ENHANCE LEARNING.

#### 3. REHABILITATION SCIENCE: CONCEPTS AND APPLICATIONS

THIS TEXT DELVES INTO THE SCIENCE BEHIND REHABILITATION METHODS TAUGHT AT WILLIAM CAREY UNIVERSITY. IT EXPLORES NEUROPLASTICITY, MOTOR CONTROL, AND EVIDENCE-BASED TREATMENT STRATEGIES. THE BOOK IS DESIGNED TO HELP STUDENTS INTEGRATE SCIENTIFIC KNOWLEDGE WITH CLINICAL DECISION-MAKING.

#### 4. THERAPEUTIC EXERCISE FOR PHYSICAL THERAPISTS

A KEY RESOURCE FOR WILLIAM CAREY UNIVERSITY PHYSICAL THERAPY STUDENTS, THIS BOOK OUTLINES VARIOUS THERAPEUTIC EXERCISES TAILORED TO PATIENT NEEDS. IT COVERS EXERCISE PRESCRIPTION FOR DIFFERENT CONDITIONS, PROGRESSION TECHNIQUES, AND OUTCOME MEASUREMENT. PRACTICAL TIPS ENSURE SAFE AND EFFECTIVE PATIENT CARE.

#### 5. NEUROLOGICAL REHABILITATION IN PHYSICAL THERAPY

THIS SPECIALIZED BOOK ADDRESSES NEUROLOGICAL DISORDERS AND THEIR REHABILITATION APPROACHES, A CRUCIAL PART OF THE WILLIAM CARRY UNIVERSITY CURRICULUM. TOPICS INCLUDE STROKE, SPINAL CORD INJURY, AND NEURODEGENERATIVE

DISEASES. IT COMBINES THEORY WITH CASE STUDIES TO FOSTER CRITICAL THINKING AND CLINICAL REASONING.

#### 6. ORTHOPEDIC PHYSICAL THERAPY: PRINCIPLES AND PRACTICE

COVERING MUSCULOSKELETAL CONDITIONS, THIS BOOK PROVIDES IN-DEPTH KNOWLEDGE ON ORTHOPEDIC ASSESSMENTS AND INTERVENTIONS. WILLIAM CAREY UNIVERSITY STUDENTS USE IT TO UNDERSTAND INJURY MECHANISMS, DIAGNOSTIC TECHNIQUES, AND THERAPEUTIC MODALITIES. IT ALSO DISCUSSES SURGICAL CONSIDERATIONS AND POST-OPERATIVE REHAB.

#### 7. EVIDENCE-BASED PRACTICE IN PHYSICAL THERAPY

THIS BOOK TEACHES STUDENTS HOW TO CRITICALLY APPRAISE RESEARCH AND APPLY EVIDENCE-BASED METHODS IN CLINICAL SETTINGS. IT HIGHLIGHTS THE IMPORTANCE OF INTEGRATING CURRENT RESEARCH WITH PATIENT PREFERENCES AND CLINICAL EXPERTISE. THE WILLIAM CAREY UNIVERSITY PROGRAM UTILIZES THIS RESOURCE TO CULTIVATE LIFELONG LEARNING SKILLS.

#### 8. Physical Therapy Ethics and Professionalism

FOCUSING ON THE ETHICAL AND PROFESSIONAL RESPONSIBILITIES OF PHYSICAL THERAPISTS, THIS BOOK PREPARES WILLIAM CAREY UNIVERSITY STUDENTS FOR REAL-WORLD CHALLENGES. TOPICS INCLUDE PATIENT CONFIDENTIALITY, INFORMED CONSENT, AND INTERPROFESSIONAL COLLABORATION. IT ENCOURAGES REFLECTIVE PRACTICE AND ADHERENCE TO PROFESSIONAL STANDARDS.

#### 9. PEDIATRIC PHYSICAL THERAPY: PRINCIPLES AND PRACTICE

THIS BOOK ADDRESSES THE UNIQUE NEEDS OF PEDIATRIC PATIENTS IN PHYSICAL THERAPY, A SIGNIFICANT COMPONENT OF WILLIAM CAREY UNIVERSITY'S CURRICULUM. IT COVERS DEVELOPMENTAL MILESTONES, COMMON PEDIATRIC CONDITIONS, AND FAMILY-CENTERED CARE APPROACHES. PRACTICAL STRATEGIES HELP STUDENTS TAILOR INTERVENTIONS FOR CHILDREN AND ADOLESCENTS.

# William Carey University Physical Therapy

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william carey university physical therapy: William Carey University Joshua Wilson, Donna Duck Wheeler, Barbara Hamilton, 2017-09-18 In 2006, William Carey College celebrated 100 years of serving students in south Mississippi. To accompany the centennial, alumni director Donna Duck Wheeler wrote William Carey College: The First 100 Years. In the 11 years following 2006, the school's enrollment increased to nearly 1,500 students and more programs, such as the College of Osteopathic Medicine, have been established. The span between the first volume and this updated one also includes the name change to William Carey University and the discovery of an additional predecessor institution, Pearl River Boarding School, founded in 1892. This expanded volume, published in commemoration of the institution's corrected 125th birthday, tells the next chapter of Carey's history--a history filled with faculty, staff, students, and alumni living out the words of the university's namesake, William Carey, and expecting and attempting great things for God.

william carey university physical therapy: Atlas of Orthoses and Assistive Devices - E-BOOK Douglas P. Murphy, Joseph B. Webster, William Lovegreen, 2025-06-02 Offering a valuable balance of information for everyone on the rehabilitation team, Atlas of Orthoses and Assistive Devices, Sixth Edition, brings you up to date with rapid changes in every area of this fast-moving field. Significant new content, a new editor with specialization in prosthetics and orthotics, and new contributing authors deliver expert guidance on the decision-making process needed for the prescription and application of technologically complex devices. From traditional fabrication and fitting principles to advanced information in the material sciences, digital printing technology,

neural stimulation systems, microprocessor technologies, and robotics, this new edition remains practical, readable, and evidence-based—an ideal resource to assist medical and rehabilitation professionals achieve optimal outcomes for patients with a wide variety of conditions. - Includes coverage of key advances in robotic systems, 3D printing technology, and virtual reality devices, as well as wearable inertial sensors in people with mobility impairments, plus a new chapter on digital technology in orthotics and prosthetics. - Covers cutting-edge topics ranging from gait assessment strategies to novel therapies such as use of a virtual environment during rehabilitation. - Features a vibrant, full-color design with numerous figures, tables, and color photographs throughout. - Shares the knowledge and experience of new editor William Lovegreen, who brings specialized expertise in prosthetics and orthotics, as well as new contributing authors who provide fresh perspectives and greater international representation. - Discusses brain-computer interface (BCI) systems relating to assistive technology (AT) systems and orthotics. - Includes economic evaluations for orthotic and prosthetic devices. - Any additional digital ancillary content may publish up to 6 weeks following the publication date. - One new editor - New chapters on technological advances, interfacing, AI and robotic systems

william carey university physical therapy: Spinal Cord Injury - E-Book Blessen C. Eapen, David Cifu, 2022-08-13 The only review book currently available in this complex field, Spinal Cord Injury: Board Review focuses on the prevention, diagnosis, treatment, and management of traumatic and non-traumatic spinal cord injuries and dysfunction. Focused, high-yield content prepares you for success on exams and in practice, with up-to-date coverage of related injury assessment and management, acute and preventive medical care, common complications, physical, psychological, and vocational disabilities and complications—all equipping you to work as part of an interdisciplinary team with patients of all ages on a lifelong basis. Edited and written by seasoned authors and physicians in PM&R, this unique review tool is ideal for residents, fellows, and practitioners studying or working in the field and preparing to take the spinal cord injury medicine exam. - Supports self-assessment and review with 200+ board-style questions and explanations. -Includes questions on patient management including patient evaluation and diagnosis, prognosis/risk factors, and applied science. - Features chapters dedicated to key topics such as anatomy and imaging of the spinal cord; sexual and reproductive health; pressure injuries; pain management; and nutrition, endocrine and immune function in spinal cord injury and dysfunction. -Covers all aspects of rehabilitation in spinal cord injury medicine including functional assessment, exercise and modalities, mobility, ADLs, speech, communication and swallowing. - Ensures efficient, effective review with content written by experts in physical medicine and rehabilitation, neurology, psychiatry and psychology and a format that mirrors the sub-specialty board exam outline. -Contains references to primary literature that support the answers provided.

william carey university physical therapy: Physical Medicine & Rehabilitation Pocket Companion Jarrod David Friedman, 2011-01-28 Physical Medicine and Rehabilitation Pocket Companion is designed to meet the day-to-day needs of PM&R residents, practicing physiatrists, and physicians in other specialties seeing rehabilitation patients. Focused solely on clinical care delivery, this handy reference provides the tools necessary to navigate everything from PM&R team coordination to the tailoring of medical management to achieve functional goals. Divided into four sections, the book covers all rehabilitation topics and is packed with practical information useful in daily practice, including disease-specific order sets and tips for managing the wide range of issues that commonly occur during a patient's rehabilitation. The first section introduces the field of rehabilitation medicine, the second reviews the scope of practice of allied health professionals on the rehabilitation team, the third section discusses rehabilitation topics and practice areas, and the fourth is an extensive Appendix of 24 assessment and rating scales, tables, and algorithms, essential for daily clinical use. Physical Medicine and Rehabilitation Pocket Companion is an indispensible resource that belongs in every white coat pocket. Features of Physical Medicine and Rehabilitation Pocket Companion Include: Conciseness and Clinical Orientation: Presents only the key information needed for optimal case management Comprehensive coverage: All major topics in the field of

PM&R are represented Consistent approach: Brief text and bulleted format makes information easy to find Order sets provided for most areas to drive clinical care Medication specifics: Covers medications with specific dosages Appendix collects key scales, tables, and algorithms for immediate access

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,

william carey university physical therapy: Graduate Programs in the

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.

 $\textbf{william carey university physical therapy:} \textit{Pioneering Allied Health Clinical Education} \\ \textit{Reform , } 2000$ 

william carey university physical therapy: Graduate Programs in the Biological/Biomed Sciences & Health-Related/Med Prof 2015 (Grad 3) Peterson's, 2014-12-16 Peterson's Graduate Programs in the Biological/Biomedical Sciences & Health-Related Medical Professions 2015 contains profiles of 6,750 graduate programs at over 1,200 institutions in the biological/biomedical sciences and health-related/medical professions. Informative data profiles are included for 6,750 graduate programs in every available discipline in the biological and biomedical sciences and health-related medical professions, including facts and figures on accreditation, degree requirements, application deadlines and contact information, financial support, faculty, and student body profiles. Two-page in-depth descriptions, written by featured institutions, offer complete details on specific graduate program, school, or department as well as information on faculty research and the college or university. Comprehensive directories list programs in this volume, as well as others in the graduate series.

william carey university physical therapy: Biomedical Visualisation Dongmei Cui, Edgar R. Meyer, Paul M. Rea, 2023-08-30 Curricula in the health sciences have undergone significant change and reform in recent years. The time allocated to anatomical education in medical, osteopathic medical, and other health professional programs has largely decreased. As a result, educators are seeking effective teaching tools and useful technology in their classroom learning. This edited book explores advances in anatomical sciences education, such as teaching methods, integration of systems-based components, course design and implementation, assessments, effective learning strategies in and outside the learning environment, and novel approaches to active learning in and outside the laboratory and classroom. Many of these advances involve computer-based technologies. These technologies include virtual reality, augmented reality, mixed reality, digital dissection tables, digital anatomy apps, three-dimensional (3D) printed models, imaging and 3D reconstruction, virtual microscopy, online teaching platforms, table computers and video recording devices, software programs, and other innovations. Any of these devices and modalities can be used to develop large-class practical guides, small-group tutorials, peer teaching and assessment sessions, and various products and pathways for guided and self-directed learning. The reader will be able to explore useful information pertaining to a variety of topics incorporating these advances in anatomical sciences education. The book will begin with the exploration of a novel approach to teaching dissection-based anatomy in the context of organ systems and functional compartments,

and it will continue with topics ranging from teaching methods and instructional strategies to developing content and guides for selecting effective visualization technologies, especially in lieu of the recent and residual effects of the COVID-19 pandemic. Overall, the book covers several anatomical disciplines, including microscopic anatomy/histology, developmental anatomy/embryology, gross anatomy, neuroanatomy, radiological imaging, and integrations of clinical correlations.

william carey university physical therapy: Allied Health Education Programs in Junior and Senior Colleges, 1973 American Society of Allied Health Professions, United States. Public Health Service. Bureau of Health Manpower, 1975

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