

ORTHOPAEDIC MANUAL PHYSICAL THERAPY, DSC.P.T.

Brooke Army Medical Center Fort Sam Houston, Texas

Program Director: LTC Jose Durbin, U.S. Army

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Through an affiliation with Baylor University, students enrolled in the Army-Baylor University Doctoral Fellowship in Orthopaedic Manual Physical Therapy at Brooke Army Medical Center, Fort Sam Houston, Texas, complete additional requirements and may qualify for a Doctor of Science in Physical Therapy degree. The Graduate School of Baylor University provides academic oversight for the program. The uniqueness of this program necessitates significant differences in policies and procedures. Please refer to the most current Student Handbook published by this graduate program for details.

Objectives

Our mission is to produce postgraduate-level, specialty-trained orthopaedic manual physical therapists who provide state-of-the-art, advanced care and clinically relevant research to benefit the Military Health System. We accomplish this through the advanced training and education of clinical experts, mentors, adult educators, and researchers. Our goal is to continue the U.S. Army's legacy as a leader in orthopaedic manual physical therapy and neuromusculoskeletal evaluation, and to promote evidenced-base clinical practice and research that benefits patients and the physical therapy profession.

Admission

Candidates for admission to the program must hold an entry level doctoral degree in physical therapy (D.P.T.), or a transitional doctor of physical therapy degree from a program accredited by the Commission on the Accreditation of Physical Therapy Education. They must have a minimum of four years experience in orthopaedic physical therapy upon entry into the program and be a board-certified specialist through the APTA in Orthopaedics, Sports, or Electromyography. Applicants must present a grade point average and scores on the GRE General Exam that are predictive of success in this program. Candidates must also meet the entrance requirements of the Graduate School of Baylor University. Uniformed services candidates are selected by a competitive board process by their respective uniformed service.

Curriculum

The curriculum was developed as a clinical fellowship in orthopaedic manual physical therapy based on the Description of Advanced Specialty Practice (DASP) in Orthopaedic Manual Physical Therapy by the American Academy of Orthopaedic Manual Physical Therapists.

The training focuses on an advanced clinical reasoning model with emphasis on a patient-focused, hypothesis-based examination and careful observation of the effects of physical therapy intervention. The academic curriculum emphasizes anatomy, biomechanics, and physiology, with a foundation in clinical research and critical review of the literature. The program was credentialed as a residency by the American Physical Therapy Association in September of 1999, and as a fellowship in 2004. It is recognized by the American Academy of Orthopaedic Manual Physical Therapists. The sixty semester-hour program is divided

into four semesters. Fellows are required to complete an individual research project, approved by an institutional review board, and submit the study for publication in an indexed peer-reviewed journal. The Doctor of Science in Physical Therapy (DSc.P.T.) degree will be granted upon successful completion of all credit courses, plus successful completion of an oral defense of their research project.

Course	Title	Hours
Semester I		
PHT 6191	Independent Study I	1
PHT 6391	Clinical Fellowship I	3
PHT 5241		2
PHT 5326	Functional Physical Therapy Anatomy and Biomechanics: Lower Quarter	3
PHT 5382	Evaluation and Mobilization: Lower Quarter	3
PHT 5230	Essentials of Evidence-Based Practice and Clinical Research	2
PHT 5191	Special Topics: Seminar I	1
Hours		15
Semester II		
PHT 6192	Independent Study II	1
PHT 6392	Clinical Fellowship II	3
PHT 5331	Quantitative Evaluation	3
PHT 5327	Functional Physical Therapy Anatomy and Biomechanics: Upper Quarter	3
PHT 5383	Evaluation and Mobilization: Upper Quarter	3
PHT 5323	Pathophysiology of Therapeutic Exercise	3
Hours		16
Semester III		
PHT 6193	Independent Study III	1
PHT 6393	Clinical Fellowship III	3
PHT 6332	Field Research in Physical Therapy	3
PHT 5321	Aspects of Pharmacology and Nutrition in Physical Therapy	3
PHT 5392	Evaluation and Mobilization: Advanced Lower Quarter	3
Hours		13
Semester IV		
PHT 6194	Independent Study IV	1
PHT 6394	Clinical Fellowship IV	3
PHT 6333	Advanced Professional Paper Project	3
PHT 5393	Evaluation and Mobilization: Advanced Upper Quarter	3
PHT 5349	Radiology for Physical Therapists	3
PHT 6101	Advanced Practicum in Physical Therapy	1
PHT 6111	Advanced Orthopaedic/Sports Medicine and Surgery for Physical Therapists	1
PHT 5192	Special Topics: Seminar II	1
Hours		16
Total Hours		60