

## PHYSICAL THERAPY

### OVERVIEW

The Doctor of Physical Therapy (DPT) program at the University of Vermont (UVM) is well recognized for preparing DPT graduates as practitioner scholars who successfully translate evidence into contemporary best practice. The D.P.T. program offers a professional entry doctoral degree and requires full-time study over a period of 3 years, including summers. The program integrates the basic and clinical sciences with essential skills in scientific inquiry, leadership, business, ethics and policy to produce graduates prepared to provide patient centered care and participate as primary care team members within an evolving complex health care environment. As a component of their study, students participate in faculty mentored scholarship.

Students broaden their professional preparation through 36 weeks of clinical internships interspersed throughout the curriculum. Internships are offered throughout the U.S. in a variety of specialty areas and require student travel to these locations. Assignments are based on students' educational needs and clinical site availability. Students are responsible for all costs associated with clinical internships.

Exceptional faculty role model clinical and research expertise across each of the specialty areas of physical therapist practice while facilitating student development as movement experts who promote health through exercise at the individual and community level.

The Doctor of Physical Therapy program at the University of Vermont is accredited by:

Commission on Accreditation in Physical Therapy Education  
1111 North Fairfax Street  
Alexandria, VA, 22314  
(703) 706-3245  
email: accreditation@apta.org

### DEGREES

- Physical Therapy D.P.T.

### FACULTY

**Brock, David W.;** Associate Professor, Department of Rehabilitation and Movement Science; PHD, University of Virginia

**Dee, Justine;** Clinical Assistant Professor, Department of Rehabilitation and Movement Science; MS, University of Vermont

**Escorpizo, Reuben Samsuya;** Clinical Assistant Professor, Department of Rehabilitation and Movement Science; DPT, Des Moines University

**Gell, Nancy M.;** Assistant Professor, Department of Rehabilitation and Movement Science; PHD, Auburn University

**Kasser, Susan L.;** Associate Professor, Department of Rehabilitation and Movement Science; PHD, Oregon State University

**Ouellette-Morton, Rebecca;** Clinical Assistant Professor, Department of Rehabilitation and Movement Science, DPT, University of New England

**Reed, Brian;** Associate Professor, Department of Rehabilitation and Movement Science; PHD, Temple University

**Sibold, Jeremy S.;** Assistant Professor, Department of Rehabilitation and Movement Science; EDD, West Virginia University

**Tompkins, Connie L.;** Assistant Professor, Department of Rehabilitation and Movement Science; PHD, University of New Orleans

**Tschoepe, Barbara A.;** Clinical Assistant Professor, Department of Rehabilitation and Movement Science; PHD, University of Colorado

**Wu, Ge;** Professor, Department of Rehabilitation and Movement Science; PHD, Boston University

### Courses

#### PT 206. Professional Seminar 4. 0 Credits.

Students discuss professional issues and practices encountered in the clinical environment, allowing them to build a framework of knowledge and skills that supports excellent practice. S/U grading only. Pre/co-requisite: Enrollment in DPT program.

#### PT 302. Quality in Health Care. 3 Credits.

This course provides students with the skills and knowledge needed to apply quality improvement approaches to the design and management of health care services. Pre/co-requisite: Graduate Standing. Cross-listed with: CTS 302, NH 302.

#### PT 303. Hlth Promotion & Disease Prvnt. 3 Credits.

Examines the value of and barriers to health promotion, health protection, and disease prevention, factors that influence personal health decisions, and preventive interventions. Prerequisite: Doctor of Physical Therapy students only.

#### PT 305. Pathophysiology/Pharmacology. 6 Credits.

Study of diseases of the human body and their pharmacological treatments. Emphasis on common diseases in USA populations and most germane to physical therapy practice. Pre/co-requisite: Enrolled as DPT student.

#### PT 306. Pro Sem1: Intro to PT&Hlth Care. 1 Credit.

Explores professionalism, ethics, the healthcare environment, interprofessional education, leadership, and clinical education practices. The focus is on preparing for the first clinical internship. Prerequisites: Doctor of Physical Therapy students and APTA members only.

#### PT 307. Pro Sem 2: Prep for PT Practice. 1 Credit.

Examines selected professional topics including the development of reflective practices and self-assessment skills. Health literacy is also explored in preparation for clinical practice. Prerequisites: PT 306 or Instructor permission; Doctor of Physical Therapy students and APTA members only.

#### PT 308. Pro Sem3: Ethics & Career Prep. 1 Credit.

Utilizes frameworks to analyze ethical issues in healthcare. Topics also include preparation for the national PT examination, professional license issues, continuing competence expectations and career planning. Prerequisites: PT 307 or Instructor permission; Doctor of Physical Therapy students and APTA members only.

**PT 318. Movt Sci 1: Kinesiology. 3 Credits.**

Application of kinesiology and biomechanical principles and concepts to the analysis of human movement, posture, joint structure and function, and gait. Prerequisite: ANNB 201; Doctor of Physical Therapy students only.

**PT 319. Movt Sci 2: Lifespan Mtr Devel. 3 Credits.**

Lecture and laboratory experiences related to theory, concepts, and measurement of normal motor development, motor control, and motor learning across the lifespan. Prerequisites: NSCI 302, PT 318, PT 344; Doctor of Physical Therapy student.

**PT 320. Undrstndng Evidence in PT Pract. 3 Credits.**

Students critically analyze and interpret research in terms of applicability to practice, examine methods for measuring practice outcomes and apply data to answer clinical questions. Pre/co-requisites: Statistics course; enrollment as DPT student.

**PT 322. Adv Evidence Based Pract Skills. 2 Credits.**

Develops advanced skills in critically analyzing research literature, including systematic reviews and clinical practice guidelines. Students analyze clinical data and apply results to decision-making. Prerequisites: PT 320 or equivalent.

**PT 328. Independent Study. 1-4 Credits.**

Students work with faculty member to assist in research, applying previously learned skills in critical appraisal, library searches, research methods and writing. Pre/co-requisites: RMS 220 or PT 320 or equivalents; enrollment in DPT program.

**PT 329. Knowl Imp Trans & Exch of EBPT. 1 Credit.**

Develops skills to disseminate evidence from the scientific literature to facilitate knowledge transfer and exchange. The field of implementation science will also be introduced. Prerequisite: PT 322 or PT 328 or equivalent.

**PT 330. Psychosocial Issues in Health. 3 Credits.**

Psychosocial dimensions of health, illness and disability will be examined from lifespan and multicultural perspectives. Pre/co-requisites: Psychology course; enrolled as DPT student.

**PT 331. Hlth Care Plcy & Pract Mgmt PT. 3 Credits.**

Explores the structure and function of physical therapy practice management and health care policy and strategies for changing at state and national levels. Pre/co-requisite: Doctor of Physical Therapy student.

**PT 340. Patient Mngmt Fndmntl Skills. 6 Credits.**

Introduction to principles and practices of patient/client management including fundamental patient handling skills, physical examination techniques, history taking and interviewing skills, and clinical documentation. Prerequisites: ANNB 201; Doctor of Physical Therapy students only. Co-requisite: PT 305.

**PT 344. Patient Mgmt Musculoskeletal 1. 8 Credits.**

Lecture/Lab experiences in which students will apply fundamental biomechanical and kinesiology principles of the trunk, spine, and extremities. Prerequisites: PT 305, PT 318, PT 340; Doctor of Physical Therapy student.

**PT 345. Patient Mgt-Neuromuscular 1. 6 Credits.**

Lecture and laboratory experiences re evidence-based medical and physical therapy management of adults with neuromuscular conditions including stroke, multiple sclerosis, and spinal cord injury. Prerequisites: NSCI 302, PT 305, PT 319; Doctor of Physical Therapy student.

**PT 346. Patient Mgt-Neuromuscular 2. 5 Credits.**

Lecture and laboratory experiences re evidence-based medical and physical therapy management of children with neuromuscular conditions such as cerebral palsy and adults with developmental disabilities. Prerequisites: PT 345; Doctor of Physical Therapy student.

**PT 347. Patient Mgt:Cardiopulmonary. 4 Credits.**

Explores disease risk and prevention, as well as medical, surgical, pharmacological, psychological, and physical therapies in the management of individuals with cardiopulmonary related diseases. Prerequisites: PT 305, PT 340; Doctor of Physical Therapy student.

**PT 348. Patient Mgt:Medical/Surgical. 4 Credits.**

Explores medical, surgical, pharmacological, psychological, and physical therapies in the management of individuals with vascular, integumentary, lymphatic disorders and cancer. Pre/co-requisites: PT 305, PT 347; DPT student.

**PT 349. Patient Mgt:Musculoskeletal 2. 4 Credits.**

Lecture/lab applying foundational and advanced biomechanical, neurophysiological, kinesiological, and anatomical principles of the trunk, TMJ, spine, and extremities. Pre/co-requisites: PT 242; Enrolled as DPT student.

**PT 351. Community Health in PT. 1-3 Credits.**

DPT students travel internationally to experience and reflect on structures, processes and outcomes of healthcare for patients receiving rehabilitation services in another country. Pre/co-requisite: second year DPT student.

**PT 352. Intl Collaborative in PT. 3 Credits.**

This Faculty Lead Program Abroad is an elective for PT students and licensed PT's interested in learning advanced manual physical therapy skills while studying abroad. Pre/co-requisites: PT 349 or PT license.

**PT 360. Integrated Patient Mgmt Sem. 1 Credit.**

Integrates information learned in prior clinical and foundational science courses, as well as contemporary research findings, into a comprehensive model of physical therapy for individuals with complex and multi-system conditions. Pre/co-requisites: DPT student standing; successful completion of all previous DPT courses.

**PT 370. Clinical Internship 1. 3 Credits.**

Full-time (six weeks) Clinical Education Internship in an out-patient Orthopedic clinical setting. Pre/co-requisite: Completion of year one DPT curriculum.

**PT 371. Clinical Internship 2. 5 Credits.**

Full-time (ten weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

**PT 372. Clinical Internship 3A. 2 Credits.**

Full-time (four weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

**PT 373. Clinical Internship 3B. 1 Credit.**

Full-time (two weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

**PT 374. Clinical Internship 3C. 2 Credits.**

Full-time (four weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

**PT 375. Clinical Internship 4. 5 Credits.**

Full-time (ten weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

**PT 395. Special Topics. 1-18 Credits.**