Bachelor of Science in Exercise Science

Jefferson College of Rehabilitation Science



Presentation Overview

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Dr. Susan Wainwright PT, PhD DEPARTMENT OF DEPARTMENT PHYSICAL THERAPY, CHAIRPERSON







Accelerated BS/Physical Therapy Doctorate

(3+3 Program)

Traditional Undergraduate Program



Move to Professional Phase 1 year early



B.S. Exercise Science

PLAN OF STUDY

40

 Meets credit hour requirement for general education in the Commonwealth of Pennsylvania through Hallmarks.

41

 Number of credits are required to meet program prerequisite coursework for the DPT per American Council of Academic Physical Therapy (ACAPT).

- 32 Cr Natural Sciences A&P, Biology, Chemistry, Physics
- 3 Cr Writing
- 3 Cr Social Sciences
- 3 Cr Math / Statistics

26

• Students in the 3+ BSES will complete a minimum of 26 credits in their major by end of year 3.

EXERCISE SCIENCE

- Fitness & WellnessClinical Exercise
- Physiology
- Medical Terminology
- Kinesiology

12

• Number of credits of "concentration" study.

BUSINESS

- Principles of Marketing
 Principles of Marketing
- Principles of Management
- MacroeconomicsFinancial Management

PUBLIC HEALTH

- Public Health Issues
 Nutrition
- Nutrition
 Medicinal Plants
- Healthcare Econ & Policy

PSYCHOLOGY

- Abnormal Psycholog
- Learning Theory
- Social Psychology
- Cultural & Social Diversity

LANGUAGES

- Medical Spanish
- Intermed Medical Spanish
- Spanish II
- Spanish IV

Professional Interview Assignment

EXSC 110 - Introduction to Exercise Science

 Assignment: Students will explore the role of exercise in the health professions and wellness practice settings through interaction with a practitioner.

• Outcome: Through the opportunity to engage with clinical practitioners, students will explore the breadth of practice opportunities as well as begin to develop their professional network.



GRADUATION RATE*

93%

EMPLOYMENT RATE*

100%

RANKINGS

#49 Best
Physical
Therapy
ProgramsU.S. News
and World
Report



LICENSE EXAM PASS RATE**

100%

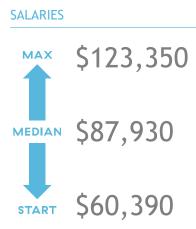
EMPLOYERS OF JEFFERSON GRADUATES

- Excel Physical Therapy
- Good Shepard Penn Partner
- Ivy Rehabilitation
- Jefferson Health System
- Moss Rehabilitation

Physical Therapist

OUTLOOK

- Projected 22% job growth from 2018 to 2028
 - Well above average for all occupations
- All statistics retrieved from <u>U.S. Bureau of Labor</u>
 Statistics



PROFESSIONAL ASSOCIATIONS

- American Physical Therapy Association (APTA)
 - APTA promotes physical therapy practice, education, and research, and promoting awareness of the PT's role in health care. http://www.apta.org/
- Federation for the State Boards of Physical Therapy (FSBPT)
 - FSBPT oversees the National Physical Therapy Exam (NPTE) which assesses basic entry-level competence. Graduates of accredited programs must pass this exam to obtain state licensure in order to practice physical therapy. https://www.fsbpt.org/
- Commission of Accreditation in Physical Therapy Education (CAPTE)
 - CAPTE ensures the delivery of quality entry-level education programs through a rigorous accreditation process. Students must graduate from an accredited PT program to qualify to take the NPTE. http://www.capteonline.org/





Putira (Peter) Siv, SPT

Marlton, NJ CLASS OF 2022

Although I applied to a handful of graduate schools, Jefferson was my top choice. With Jefferson having a well-known health professional reputation, the kind and caring PT faculty, integrated clinical experience in the 1st year of the PT program, and being close to home, I knew I wanted my journey of becoming a physical therapist to start here.

"From my professors treating me like a colleague to engaging in the community through events like PT Moves Philly, I can honestly say choosing Jefferson has been one of the best decisions - if not the best decision that I have made for my future."

While there are excellent graduate programs that are competitive with Jefferson, the atmosphere of being surrounded by various health professional students everywhere, faculty who always have your best interest in mind, and being in the heart of Philadelphia made my decision to come here an easy one.



Dr. Stephanie Muth

DEPARTMENT OF PHYSICAL THERAPY, ASSISTANT PROFESSOR



BS IN BIOLOGY FROM ELIZABETHTOWN COLLEGE MS PT FROM THOMAS JEFFERSON UNIVERSITY PhD FROM TEMPLE UNIVERITY

Dr. Muth is an educator and a researcher, studying gait and biomechanics in individuals with multiple sclerosis. Her excellence as an educator was recognized with the 2020 JCRS Award for Teaching Excellence. Dr. Muth blends clinical expertise and commitment to community engagement in pro bono activities at Puente de Salud and with the interprofessional "Go Baby Go" program.

COURSES

- PT 506 BIOMECHANICS & KINESIOLOGY
- PT 507 HUMAN ANATOMY
- PT 533 PHYSICAL THERAPY EXAMINATION
- PT 534 PT ISSUES I LANGUAGE OF PRACTICE



"We figured this would be a great opportunity," Muth says of the partnership with Easterseals and Comcast. "They have the kids who need cars, and we have the know-how and interdisciplinary team. It's an awesome project, and you get to see students work together for a great cause. It's my mission as a PT and a mom to optimize kids' experiences in this world. This project just ticks so many boxes."



CREATE WHAT'S NEXT





Kevin Shaddock

Neuro Physical Therapist, Good Shepherd Penn Partners, Dan Aaron Parkinson's Rehab Clinic

Hometown: Malvern, PA Current: PHILADELPHIA, PA

CLASS OF 2018

My decision to attend Jefferson was due to the diversity in organizations Jefferson offered. Jefferson also took pride in interdisciplinary education which was important to me. During my time at Jefferson I took advantage of opportunities to be a part of PT society, Refugee Health Partners, and the Jefferson Pro Bono Clinic. Furthermore, I was highly encouraged and supported to pursue my passion for Geriatric PT which has lead to my current position.

"My first year, a simple step to volunteer for Refugee Health Partners through Jefferson lead me to a program working with older adults. While working with the program I developed my passion for geriatric physical therapy and my career direction. My point is take the first step and getinvolved."

