

William Thompson

DPT, PT

Physical Therapy & Musculoskeletal Health

AREAS OF EXPERTISE

- Physical therapy standard of care in acute care, outpatient, sub-acute, and long-term care settings
- Balance and falls
- Rehabilitation related to amputation and prosthetics
- Geriatrics
- Orthopedics
- Neurological conditions
- Joint replacement
- Transfers and safety precautions/considerations
- Fractures
- Musculoskeletal health and disease
- Gabapentin, Neurontin, Pregabalin, Lyrica
- Molecular biology, cell biology, and genetics

PROFESSIONAL EXPERIENCE

Physical Therapist, Withiam Hospital

2023 – Present

Lebanon, Indiana

- Acute care, extended care, & skilled nursing environments. Orthopedic trauma, joint replacement, medical/surgical conditions, fractures, falls

Physical Therapist, Indiana University Methodist Hospital

2014 – 2023

Indianapolis, Indiana

- Acute care environment. Orthopedic trauma, joint replacement, medical/surgical conditions, cardiovascular surgery, fractures, falls

Physical Therapist, Bayhealth Kent General Hospital

2007 – 2021

Dover, Delaware

- Acute care environment. Orthopedic trauma, joint replacement, medical/surgical conditions, cardiovascular surgery, fractures, falls, neurological conditions (i.e., stroke, TIA)

Physical Therapist, Central Carolina Hospital

2012 – 2014

Sanford, North Carolina

- Acute care environment. Orthopedic trauma, joint replacement, medical/surgical conditions, cardiovascular conditions, fractures, falls, neurological conditions (i.e., stroke, TIA)

Physical Therapist, University Of North Carolina Hospitals

2011 – 2014

Chapel Hill, North Carolina

- Acute care environment. Orthopedic trauma, joint replacement, medical/surgical conditions, cardiovascular surgery, fractures, falls, neurological conditions (i.e., stroke, TIA)

Physical Therapist & Clinical Instructor, University Of Delaware, Neurological And Older Adult Clinic 2007 – 2009

Newark, Delaware

- Treating geriatric patients in outpatient setting with neurological conditions (i.e., stroke, parkinson's disease, multiple sclerosis) orthopedic injuries, joint replacement

EDUCATION

Postdoctoral Fellowship - Endocrinology, Mechanical Signaling In Bone

2014

University of North Carolina, Chapel Hill, North Carolina

Postdoctoral Fellowship - Biological Sciences

2011

University of Delaware, Newark, Delaware

Doctor Of Philosophy - Biomechanics And Movement Science

2011

University of Delaware, Newark, Delaware, 3.96 GPA

Doctor Of Physical Therapy

2007

University of Delaware, Newark, Delaware, 3.95 GPA

Bachelor Of Science - Biochemistry

2004

Lee University, Cleveland, Tennessee, 4.0 GPA

Research Internship - Pulmonary And Critical Care Medicine

2002

Johns Hopkins University School of Medicine, Baltimore, Maryland

LICENSURE & CERTIFICATIONS

- Alabama State Physical Therapy License: PTH10684 (2022 – Present)
- Indiana State Physical Therapy License: 05011609A (2014 – Present)
- Delaware State Physical Therapy License: J1-0002198 (2007 – Present)
- American Physical Therapy Association Credentialed Clinical Instructor (2007 – Present)
- North Carolina State Physical Therapy License: DP13293 (2011 – 2014)

ACADEMIC APPOINTMENTS

- Co-Director, Musculoskeletal Health PhD Program, Indiana Center for Musculoskeletal Health, School of Medicine, Indiana University, Indianapolis, IN (2022 – Present)
- Associate Professor, Department of Physical Therapy, School of Health & Human Sciences, Indiana University, Indianapolis, IN (2020 – Present)
- Adjunct Associate Professor, Department of Anatomy & Cell Biology, School of Medicine, Indiana University, Indianapolis, IN (2020 – Present)

- Adjunct Associate Professor, College of Osteopathic Medicine, Marian University, Indianapolis, IN (2020 – Present)
- Director – Molecular Biomechanics Research Lab, Indiana University, Indianapolis, IN (2014 – Present)
- Director – Mechanobiology Core Facility, Indiana Center for Musculoskeletal Health, School of Medicine, Indiana University, Indianapolis, IN (2017 – Present)
- Adjunct Associate Professor, Department of Pathology, Division of Molecular & Cellular Pathology, Heersink School of Medicine, University of Alabama, Birmingham, AL (2022)
- Associate Professor, Department of Physical Therapy, School of Health Professions, University of Alabama, Birmingham, AL (2021 – 2022)
- Director, PhD Program in Rehabilitation Sciences, School of Health Professions, University of Alabama, Birmingham, AL (2021 – 2022)

References and case experience available upon request.