

DPT | PT | Physical Therapy & Musculoskeletal Health

## PROFESSIONAL SUMMARY- 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
- Musculoskeletal health and disease

## EDUCATION

|                            |                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Postdoctoral Fellowship    | Endocrinology, Mechanical Signaling in Bone (2014)<br><i>University of North Carolina, Chapel Hill, NC</i>                                     |
| Postdoctoral Fellowship    | Biological Sciences (2011)<br><i>University of Delaware, Newark, DE</i>                                                                        |
| Doctor of Philosophy       | Biomechanics and Movement Science (2011) – 3.96 GPA<br>Emphasis in Molecular Biology and Genetics<br><i>University of Delaware, Newark, DE</i> |
| Doctor of Physical Therapy | Physical Therapy (2007) – 3.95 GPA<br><i>University of Delaware, Newark, DE</i>                                                                |
| Bachelor of Science        | Biochemistry (2004) – 4.0 GPA<br>Health Sciences (minor)<br>Religion (minor)<br><i>Lee University, Cleveland, TN</i>                           |
| Research Internship        | Pulmonary and Critical Care Medicine (2002)<br><i>Johns Hopkins University School of Medicine, Baltimore, MD</i>                               |

## PROFESSIONAL LICENSES AND CERTIFICATIONS

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

## PROFESSIONAL EXPERIENCE

### Physical Therapist

2023 – Present

*Withiam Hospital, Lebanon, IN 46052*

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

### Physical Therapist

2014 – 2023

*Indiana University Methodist Hospital, Indianapolis, IN 46202*

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

### Physical Therapist

2007 - 2021

*Bayhealth Kent General Hospital, Dover, DE 19901*

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

### Physical Therapist

2012 – 2014

*Central Carolina Hospital, Sanford, NC 27237*

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

### Physical Therapist

2011 – 2014

*University of North Carolina Hospitals, Chapel Hill, NC 27514*

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

### Physical Therapist & Clinical Instructor

2007 – 2009

*University of Delaware*

*Neurological and Older Adult Clinic, Newark, DE 19716*

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

## ACADEMIC APPOINTMENTS

2022 – Present: Co-Director, Musculoskeletal Health PhD Program, Indiana Center for Musculoskeletal Health, School of Medicine, Indiana University, Indianapolis, IN 46202

# William Thompson



2020 – Present: Associate Professor, Department of Physical Therapy, School of Health & Human Sciences, Indiana University, Indianapolis, IN 46202

2020 – Present: Adjunct Associate Professor, Department of Anatomy & Cell Biology, School of Medicine, Indiana University, Indianapolis, IN 46202

2020 – Present: Adjunct Associate Professor, College of Osteopathic Medicine, Marian University, Indianapolis, IN 46202

2014 – Present: Director – Molecular Biomechanics Research Lab, Indiana University, Indianapolis, IN 46202

2017 – Present: Director – Mechanobiology Core Facility, Indiana Center for Musculoskeletal Health, School of Medicine, Indiana University, Indianapolis, IN 46202

2022: Adjunct Associate Professor, Department of Pathology, Division of Molecular & Cellular Pathology, Heersink School of Medicine, University of Alabama, Birmingham, AL 35294

2021 – 2022: Associate Professor, Department of Physical Therapy, School of Health Professions, University of Alabama, Birmingham, AL 35294

2021 – 2022: Associate Professor, Department of Occupational Therapy, School of Health Professions, University of Alabama, Birmingham, AL 35294

2021 – 2022: Director, PhD Program in Rehabilitation Sciences, School of Health Professions, University of Alabama, Birmingham, AL 35294

2021 – 2022: Associate Scientist, Comprehensive Arthritis, Musculoskeletal, Bone, and Autoimmunity Center, University of Alabama, Birmingham, AL 35294

2021 – 2022: Scientist, Center for Engagement in Disability Health & Rehabilitation Sciences, University of Alabama, Birmingham, AL 35294

2018 – 2020: Assistant Professor, Department of Physical Therapy, School of Health & Human Sciences, Indiana University, Indianapolis, IN 46202

2014 – 2018: Assistant Professor, Department of Physical Therapy, School of Health and Rehabilitation Sciences, Indiana University, Indianapolis, IN 46202

2014 – 2020: Adjunct Assistant Professor, Department of Anatomy & Cell Biology, School of Medicine, Indiana University, Indianapolis, IN 46202

2018 – 2020: Adjunct Assistant Professor, College of Osteopathic Medicine, Marian University, Indianapolis, IN 46202

*References & Case Work Available Upon Request*



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