

**Curriculum Vitae
of
AMANDA THOMAS, PT, DPT
Florida International University
Department of Physical Therapy**

EDUCATION:

DOCTOR OF EDUCATION IN HEALTH PROFESSIONS, A.T. STILL UNIVERSITY. ARIZONA. JULY 2022-CURRENT

DOCTOR OF PHYSICAL THERAPY, FLORIDA INTERNATIONAL UNIVERSITY. MIAMI, FLORIDA. AUGUST, 2007-2010.

BACHELOR OF SCIENCE IN PHYSICAL THERAPY, FLORIDA INTERNATIONAL UNIVERSITY, MIAMI, FLORIDA, AUGUST, 2007.

LICENSURE INFORMATION: FLORIDA, PT 27902

CERTIFICATIONS: N/A

EMPLOYMENT AND POSITIONS HELD:

**FLORIDA INTERNATIONAL UNIVERSITY
CLINICAL ASSISTANT PROFESSOR**

AUGUST 2019-CURRENT

- DEVELOPS SYLLABI THAT CLEARLY OUTLINE THE COURSE REQUIREMENTS, RATIONALE, GOALS, AND OBJECTIVES. SUBMITS DIGITAL COPIES OF SYLLABI AND COURSE HANDOUTS TO THE DIRECTOR OF THE PHYSICAL THERAPY DEPARTMENT.
- SELECTS TEXTBOOKS AND OTHER RESOURCES FOR THE CLASS.
- PREPARES CLASS SESSIONS AND ASSIGNMENTS TO HELP STUDENTS GRASP COURSE CONTENT AND HOW IT INTEGRATES WITH OVERALL STUDENT LEARNING OUTCOMES FOR THE COURSE
- TEACHES COURSES ACCORDING TO THE FIU DESCRIPTIONS AND IN ACCORDANCE WITH DEFINED COURSE STANDARDS AND OUTCOMES
- CREATES A LEARNING ENVIRONMENT THAT ENCOURAGES STUDENT INVOLVEMENT AND PARTICIPATION.
- DOCUMENTS STUDENTS' ATTENDANCE, PARTICIPATION, AND ACADEMIC PROGRESS BY GIVING AND GRADING ASSIGNMENTS, PROJECTS, QUIZZES AND/OR EXAMINATIONS THAT LEAD TO A FINAL GRADE.
- SUBMITS COURSE GRADES TO THE FIU REGISTRAR BY THE ASSIGNED DATE.

**FLORIDA INTERNATIONAL UNIVERSITY
ASSISTANT DIRECTOR OF CLINICAL EDUCATION**

AUGUST 2023-MARCH 2024

- OVERSEE AND MANAGE THE CLINICAL EDUCATION FOR DOCTOR OF PHYSICAL THERAPY STUDENTS

- CURRICULUM DEVELOPMENT; ORGANIZING CLINICAL INTERNSHIPS, ALIGNMENT WITH ACCREDITATION
- SUPERVISION OF CLINICAL INSTRUCTORS
- RESPONSIBLE FOR STUDENT PLACEMENT
- DEVELOP METHODS TO ASSESS STUDENT CLINICAL COMPETENCIES
- ALIGN CLINICAL EDUCATION WITH ACCREDITATION STANDARDS

PART-TIME ACADEMIC EXPERIENCE

FLORIDA INTERNATIONAL UNIVERSITY

JANUARY 2017-AUGUST 2019

DEPARTMENT OF PHYSICAL THERAPY

ADJUNCT PROFESSOR

- NEUROLOGICAL DIAGNOSIS AND MANAGEMENT III
- NEUROLOGICAL DIAGNOSIS AND MANAGEMENT III LAB
- ADVANCED CLINICAL PEDIATRIC PHYSICAL THERAPY COURSE
- DEVELOPS SYLLABI THAT CLEARLY OUTLINE THE COURSE REQUIREMENTS, RATIONALE, GOALS, AND OBJECTIVES. SUBMITS DIGITAL COPIES OF SYLLABI AND COURSE HANDOUTS TO THE DIRECTOR OF THE PHYSICAL THERAPY DEPARTMENT.
- SELECTS TEXTBOOKS AND OTHER RESOURCES FOR THE CLASS.
- PREPARES CLASS SESSIONS AND ASSIGNMENTS TO HELP STUDENTS GRASP COURSE CONTENT AND HOW IT INTEGRATES WITH OVERALL STUDENT LEARNING OUTCOMES FOR THE COURSE
- TEACHES COURSES ACCORDING TO THE FIU DESCRIPTIONS AND IN ACCORDANCE WITH DEFINED COURSE STANDARDS AND OUTCOMES
- CREATES A LEARNING ENVIRONMENT THAT ENCOURAGES STUDENT INVOLVEMENT AND PARTICIPATION.
- DOCUMENTS STUDENTS' ATTENDANCE, PARTICIPATION, AND ACADEMIC PROGRESS BY GIVING AND GRADING ASSIGNMENTS, PROJECTS, QUIZZES AND/OR EXAMINATIONS THAT LEAD TO A FINAL GRADE.
- SUBMITS COURSE GRADES TO THE FIU REGISTRAR BY THE ASSIGNED DATE.

NON-ACADEMIC EXPERIENCE

NICKLAUS CHILDREN'S HOSPITAL

JANUARY 2015-AUGUST 2019

CLINICAL SPECIALIST-PHYSICAL THERAPIST

- RESPONSIBLE FOR PHYSICAL THERAPY EVALUATIONS, TREATMENTS, PLAN OF CARE, DISCHARGES, MONTHLY SUMMARIES ON PATIENTS
- RESPONSIBLE FOR PT STUDENTS BY DETERMINING ACCOUNTABILITIES; COMMUNICATING AND ENFORCING VALUES, POLICIES, AND PROCEDURES; IMPLEMENTING RECRUITMENT, SELECTION, ORIENTATION, TRAINING, COACHING, COUNSELING, DISCIPLINARY, AND COMMUNICATION PROGRAMS; PLANNING AND MONITORING.
- RESPONSIBLE FOR PT RESIDENT'S BY DETERMINING ACCOUNTABILITIES; COMMUNICATING AND ENFORCING VALUES, POLICIES, AND PROCEDURES; IMPLEMENTING RECRUITMENT, SELECTION, ORIENTATION, TRAINING, COACHING, COUNSELING, DISCIPLINARY, AND COMMUNICATION PROGRAMS; PLANNING AND MONITORING.
- ATTENDS RESIDENCY MEETINGS WEEKLY TO ADDRESS COMMUNICATION, PLANNING AND STRATEGIES FOR PATIENT CARE.

- RESPONSIBLE FOR VARIOUS TYPES OF PATIENT'S; INFANT'S, DEVELOPMENTAL DELAY, DELAYED GROSS MOTOR BABIES, MUSCULAR DYSTROPHY, CP, HEMIPLEGIA, VARIOUS NEUROLOGICAL DISORDERS, SPINA BIFIDA, OI, PLAGIOCEPHALY, TORTICOLLIS, OBESITY AND SPORTS ORTHOPEDICS.
- RESPONSIBLE FOR ORTHOTIC CHECK-OUT, THERATOGS, BRACES AND ADAPTIVE EQUIPMENT PRESCRIPTIONS
- KINESIOTAPE APPLICATION TO VARIOUS PATIENTS DURING PHYSICAL THERAPY SESSIONS
- MANUAL FACILITATION AND PERCEPTION-ACTION TREATMENTS TO PEDIATRIC PHYSICAL THERAPY PATIENTS
- PHYSICAL THERAPY SCREENINGS
- INTERACTIVE METRONOME APPLICATION FOR SENSORY INTEGRATION DURING PHYSICAL THERAPY TREATMENTS
- WELL-VERSED WITH TESTING MATERIALS: AIMS, BOT-2, GMFM, PDMS, BEERY VMI, DPYI

DYNAMIC PEDIATRIC THERAPY

DECEMBER 2012-JANUARY 2015

SUPERVISOR/LEAD PHYSICAL THERAPIST FOR PT/OT/ST DEPARTMENT

- MANAGER FOR THE PHYSICAL, OCCUPATIONAL AND SPEECH THERAPY DEPARTMENTS
- RESPONSIBLE FOR PHYSICAL THERAPY EVALUATIONS, TREATMENTS, PLAN OF CARE, DISCHARGES, MONTHLY SUMMARIES ON PATIENTS
- RESPONSIBLE FOR PT/OT/ST HUMAN RESOURCE STRATEGIES BY DETERMINING ACCOUNTABILITIES; COMMUNICATING AND ENFORCING VALUES, POLICIES, AND PROCEDURES; IMPLEMENTING RECRUITMENT, SELECTION, ORIENTATION, TRAINING, COACHING, COUNSELING, DISCIPLINARY, AND COMMUNICATION PROGRAMS; PLANNING, MONITORING, APPRAISING, AND REVIEWING JOB CONTRIBUTIONS; PLANNING AND REVIEWING COMPENSATION STRATEGIES.
- RESPONSIBLE FOR VARIOUS TYPES OF PATIENT'S; AUTISM, DEVELOPMENTAL DELAY, DELAYED GROSS MOTOR BABIES, MUSCULAR DYSTROPHY, CP, HEMIPLEGIA, VARIOUS NEUROLOGICAL DISORDERS, OI, PLAGIOCEPHALY, TORTICOLLIS, OBESITY AND SPORTS ORTHOPEDICS.
- RESPONSIBLE FOR ORTHOTIC CHECK-OUT, THERATOGS, BRACES AND ADAPTIVE EQUIPMENT PRESCRIPTIONS
- KINESIOTAPE APPLICATION TO VARIOUS PATIENTS DURING PHYSICAL THERAPY SESSIONS
- MANUAL FACILITATION TREATMENTS TO PEDIATRIC PHYSICAL THERAPY PATIENTS AGES 0-3
- PHYSICAL THERAPY SCREENINGS
- INTERACTIVE METRONOME APPLICATION FOR SENSORY INTEGRATION DURING PHYSICAL THERAPY TREATMENTS
- WELL-VERSED WITH TESTING MATERIALS: BOT-2, GMFM, PDMS, BEERY VMI, DPYIC

Peer Reviewed Publications:

Accepted:

- Thomas, A., Muñecas, T. *A Rehabilitation Protocol for the Use of a 3D Printed Prosthetic Hand in Pediatrics*. **Manuscript published** to the Journal of Hand Therapy,

December 2022.

Submitted:

- Thomas, A., Butler, L., Muñecas, T. *Describe a novel collaborative approach to incorporating 3D printing into the DPT curriculum.* **Manuscript submitted**, 2025.
- Thomas, A., Butler, L., Alvarez, E., Capote, D., Muñecas, T. *Physical Therapy Students' Motivations to Pursue Physical Therapy Residency Programs & Board Certification.* **Manuscript submitted**, 2024.
- Thomas, A., Butler, L., Muñecas, T. *A universal 3D Printed Adaptive Device to assist bike riding in a pediatric patient with congenital upper extremity limb deficiency.* **Manuscript in progress**, 2024.
- Thomas, A., Butler, L., Capote, D., Alvarez, E., Muñecas, T. *Physical Therapy Students' Enjoyment, Motivation, and Self-efficacy Toward Physical Activity.* **Manuscript submitted**, 2024.
- Thomas, A., Butler, L., Capote, D., Svoboda, S. *Physical therapy student's participation in and knowledge of strength training principles across the Doctor of Physical Therapy program curriculum.* **Manuscript submitted**, 2024.

In Progress:

- Thomas, A., Butler, L., Muñecas, T., Fernandez, J. *3D Printed orthotics to address Hindfoot Valgus: A Case Series.* **Manuscript in progress**, 2024.
- Thomas, A., Muñecas, T. *Third year physical therapy students' perceptions of reflection-based learning in an advanced pediatric curriculum.* **Manuscript in process**, 2023.
- Thomas, A., Muñecas, T. *Analysis of student clinical performance in the pediatric setting upon completion of innovative advanced pediatric physical therapy course.* **Manuscript in progress**, Submission to Journal of Education July 2023.

Peer Reviewed Scientific and Professional Presentations:

- Thomas, A., Butler, L., Alvarez, E., Capote, D., Muñecas, T. *Physical Therapy Students' Motivations to Pursue Physical Therapy Residency Programs & Board Certification.* **Accepted as Platform Presentation**, CSM 2025, Houston, Texas.
- Thomas, A., Butler, L., Muñecas, T. *Describe a novel collaborative approach to incorporating 3D printing into the DPT curriculum.* **Accepted as Poster Presentation**, CSM, 2025, Houston, Texas.

- Thomas, A., Butler, L., Capote, D., Alvarez, E., Muñecas, T. *Physical Therapy Students' Enjoyment, Motivation, and Self-efficacy Toward Physical Activity*. **Accepted as Poster Presentation**, CSM, 2025, Houston, Texas.
- Thomas, A. *MTS Digitize Lab – VR Ideas for the Classroom of 2024*. **Speaker, FIU EdIT Conference**, November 2024.
- Thomas, A., Muñecas, T. *Assessing evidence-based rehabilitation protocol for the use of a 3D-printed prosthetic hand in pediatrics*. **Speaker of Educational Session**, FPTA Annual Conference, September 2024.
- Thomas, A., Butler, L., Muñecas, T., Fernandez, J. *3D Printed orthotics to address Hindfoot Valgus: A Case Series*. **Accepted as Platform Presentation**, Baptist Academic Health Week, 2024.
- Thomas, A., Butler, L., Muñecas, T., Fernandez, J. *3D Printed orthotics to address Hindfoot Valgus: A Case Series*. **Accepted as Poster Presentation**, FPTA Annual Conference, September 2024.
- Thomas, A., Muñecas, T. *Assessing evidence-based rehabilitation protocol for the use of a 3D-printed prosthetic hand in pediatrics*. **Accepted as Poster Presentation**, Baptist Academic Health Week, 2024.
- Thomas, A., Muñecas, T. *Third year physical therapy students' perceptions of reflection-based learning in an advanced pediatric curriculum*. **Accepted as Poster Presentation**, Baptist Academic Health Week, 2024.
- Thomas, A., Muñecas, T. *A Rehabilitation Protocol for the Use of a 3D Printed Prosthetic Hand in Pediatrics*. **Accepted as Educational Platform** for Combined Sections Meeting, Boston 2024.
- Thomas, A., Muñecas, T. *The evaluation of the use of a 3D printed prosthetic device in a pediatric patient*. **Accepted as a Platform Presentation** for Combined Sections Meeting, San Diego 2023.
- Thomas, A., Muñecas, T. *Analysis of student clinical performance in the pediatric setting upon completion of innovative advanced pediatric physical therapy course*. **Accepted as Poster presentation** at combined Section's Meeting, San Diego 2023.
- Thomas, A., Muñecas, T., Abad, O., Delgado, A. and Perlingieri, B. *A Rehabilitation Protocol for the Use of a 3D Printed Prosthetic Hand in Pediatrics*. **Poster presentation** at FPTA Annual Conference & Assembly of Representatives. September 2021. Orlando.
- Thomas, A., Munecas, T., Abad, O., Delgado, A. and Perlingieri, B. *A Rehabilitation Protocol for the Use of a 3D Printed Prosthetic Hand in Pediatrics*. **Platform**

presentation at American Physical Therapy Association Combined Sections Meeting February 2021. Virtual/Orlando, Fl.

- Leizaola, D., Orenes Sanchez, P., Schiffer, T., Thomas, A. *The Hayden 2: 3D Printed Pediatric Prosthetic Hand*. **Platform presentation** at the Senior Design Symposium for School of Biomedical Engineering at Florida International University. May 2021. Virtual/Miami, Fl.
- Barona, A., Espinel, D., Romero-Moreno, G., Waddraji, R., Thomas, A. *3D Printed Pediatric Upper Limb Prosthetic with an Electrical System*. **Platform presentation** at the Senior Design Symposium for the School of Biomedical Engineering at Florida International University, December 2020. Virtual/Miami, Fl.
- Thomas, A. Robertson, C., Vaquez, M. Molina, M., Rossi, M. *Bringing Home Baby- From Birth to 12 Months*. Informational brochure for new and/or experienced parents. Florida International University Doctor of Physical Therapy Projects. 2016
- Thomas, A., Pulmano, P., Jones, D., Branson, J. *The Effects of Early Intervention Using Sensory Stimulation with Motor Training to improve Functional Mobility in a child with Myelomeningocele: A Case Report*. Florida International University Doctor of Physical Therapy Projects. 2016

Funded/In Review Grant Activity:

Awarded Grants:

- Thomas, A. (CoI), Modlin, E. (PI), Muñecas, T. (CoI), Munoz, M. (CoI), Alfano, A. (CoI). ReServ Program: Preservice Improvement Enhancement Grants to Support Related Service Providers to Effectively Serve Children with Disabilities and Their Families (ALN 84.325S). U.S. Department of Education Office of Special Education Programs (\$450,000).

Submitted Grants:

- Thomas, A. (PI), Butler, L. (CoI). Integrating 3D Printing into DPT Curriculums, Catherine Patla Grant, FPTA (15,000).
- Thomas, A. (CoI), Butler, L. (PI), Muñecas, T. (CoI), Modlin, E. (CoI). Barriers to Sports Participation in Children with Limb Deficiencies, Florida International University, Research Center in Minority Institution Pilot Project (\$50,000).
- Thomas, A. (CoI), Modlin, E. (PI), Muñecas, T. (CoI), Munoz, M. (CoI), Alfano, A. (CoI). ReServ Program: Preservice Improvement Enhancement Grants to Support Related Service Providers to Effectively Serve Children with Disabilities and Their Families (ALN 84.325S). U.S. Department of Education Office of Special Education Programs (\$450,000).
- Thomas, A., Muñecas, T., Butler, L., Modlin, E. *Sport participation amongst children*

and adolescents with congenital limb deficiency. Proposal for RCMI Grant, Fall 2023-Spring 2024.

In Progress:

- Thomas, A., Pavelko, S., Modlin, E. Interdisciplinary Toy Fair for Children (birth-3) with disabilities and their families. Wertheim Endowed Innovation Fund Award.

Current/Active Research:

- Amanda Thomas, Lauren Butler, Jeffrey Marin, Lianna Schaefer, Marina Dovenburg, Galit Farhy, Nadesly Vargas. Custom Orthotics for a child with Dandy-Walker Syndrome: The Power of 3D Printing.
- Amanda Thomas, Lauren Butler, David Capote, Mark Rossi, Jeffrey Fernandez, Fedline Sylvestre, Haley Bushman, Ciarra Cayo, Giselle Gonzalez. Generational Perceptions of Weightlifting. IRB Approval. Research start date January, 2025.
- Amanda Thomas, Kaitlyn Mitchell, Kemaury Willis, Cade Donaldson, Jacob Mungai, Stefan Chung, Erasmo Alvarez, Lauren Butler. The Relationship between Neuromuscular Risk Factors of the lower extremity injury and resistance training. IRB Approval. Research start date January 2025.
- Amanda Thomas, Lauren Butler, Teresa Munecas, Tyler Turner, Amber Sivalls, Abigail Tong, Andreina Lander. Printing the Future: A collaborative approach to integrating 3D printing in Physical Therapy education. Submitted to Journal. No Funding.
- Amanda Thomas, Lauren Butler, Teresa Munecas, Alexandria Shood, Alexandria Hencely, Alejandra Monzon, Nataile Santovenia, Sofia Hernandez, Jaclyn Bulluck, Cecile Monnier, Patricia Diaz. A universal 3D Printed Adaptive Device to assist bike riding in a pediatric patient with congenital upper extremity limb deficiency. Manuscript in Progress. No funding.
- Amanda Thomas, Lauren Butler, Jeffrey Fernandez, Teresa Munecas, Cade Donaldson, Olivia Hensel, Jacob Mungai, Stefan Chung, Jon Lawrence Fleming. 3D Printed orthotics to address Hindfoot Valgus: A Case Series. Manuscript in Progress. No funding.
- Amanda Thomas, Lauren Butler, Sophia Ulman, Teresa Munecas. Physical literacy with children with disabilities. Survey Distribution. No Funding.
- Amanda Thomas, Lauren Butler, David Capote, Teresa Munecas, Erasmo Alvarez, Alexa Almonte, Madeline Dawson, Mikayla Kerekes, Jordan Hale, Kaitlyn Mitchell, Mark Rossi. Enjoyment, Motivation, and Self-Efficacy Towards Physical Activity Amongst Physical Therapy Students. In review with The Internet Journal of Allied Health Sciences and Practice. No funding
- Amanda Thomas, Lauren Butler, Erasmo Alvarez, Teresa Munecas, David Capote, Erik Estevez, Isabella Satizabal, Abigail Adjei, Robert Haller, Leonardo Valdesuso, Mark Rossi. Navigating The Path: Motivators and Barriers for Physical Therapy Students

Pursuing Residency Programs or Board Certification. In review with The Internet Journal of Allied Health Sciences and Practice. No funding

- Amanda Thomas, Lauren Schlacht Butler, David Capote, Stephanie Svoboda, Jeffrey Khachatryan, Blake Mouyassar, Angel Ortega, Imranda Ward, Kemaury Willis, Alexandria Wilson, Mark D Rossi. Strength Training Knowledge and Participation Amongst Doctor of Physical Therapy Students. Submitted to Journal. No Funding.

Membership in Scientific/Professional Organizations:

- American Physical Therapy Association Pediatric Conference Reviewer (2024)
- Florida Physical Therapy Association Pediatrics SIG Chair (2022-Current)
- Florida Physical Therapy Association SE District Director of Membership (2022-Current)
- Florida Physical Therapy Association SE District Assembly Representative (2021-current)

Consultative and Advisory Positions Held: N/A

Community Service:

- FIU Research Magazine-Feature-3D Printing, 2024
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2023-2024
- APTA CPI 3.0 – PT DCE Training
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2021-2022
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2020-2021
- University of Miami, Residency Symposium, 2019
- Leader and Mentor for practicing clinicians at Nicklaus Children's Hospital for clinical practice guidelines for Torticollis, 2019
- Developed and presented pediatric infant/adolescent course for the University of Miami DPT students for pediatric elective, 2017-2019.
- CPI Training, 2018
- CHAT Presentation/in-service, Nicklaus Children's Hospital, Congenital Limb difference, July 2016
- 3D Printed hand committee/team, Nicklaus Children's Hospital, Design, Fit and Integration of 3D Printed hands, July 2016
- Beverly Cusick Course: New Paradigms in Pediatric Foot & Ankle Deformity, Nicklaus Children's Hospital, December 2016
- DIR:100, 101 Certification: Competencies in Floor Time, Nicklaus Children's Hospital, January 2017
- University of Miami Mentor Certificate: Mentor of the Clinician beyond-entry

level: August 27, 2016

- Mentor for various doctoral physical therapy student's-FIU, UM, NOVA, St. Augustine, and Miami-Dade College
- Make-A-Wish Foundation: Fulfilled Wish, 2013
- Camp No Limits-Congenital Limb Camp, February 2016

Services to the University/College/School on Committees/Councils/Commissions:

University Service

- Chairperson for Search and Screen Committee for Faculty hires in Physical Therapy department, 2023-2024
- TOM-Makathon with FIU's Urban Design Studio/College, Spring 2024
- STRIDE Training for Hiring/Faculty Recruitment, September 2024
- Chairperson for Search and Screen Committee for Faculty hires in Physical Therapy department, 2022-2023
- TOM-Makathon with FIU's Urban Design Studio/College, Spring 2023
- Sponsor for Biomedical engineering students' projects for graduation. 2023
- STRIDE Training for Hiring/Faculty Recruitment, September 2022
- TOM-Makathon with FIU's Urban Design Studio/College, Spring 2022
- Working with various colleagues on faculty appraisal guidelines and criteria, Spring 2022-current
- Working with various colleagues on a physical therapy task force for curriculum, Fall 2021-current
- Worked with the Office of the Provost to develop Faculty Evaluating Teaching Guidelines; Fall 2020-current
- Sponsor for Biomedical engineering students' projects for graduation. Among the 15 teams that participated in the 2021 Biomedical Engineering Design Exposition, Team 2, won 3rd place in poster presentation and 3rd place in platform presentation. The exposition is judged by 6 industry professionals: 2021
- Sponsor for Biomedical engineering students' projects for graduation. Among the 10 teams that participated in the 2020 Biomedical Engineering Design Exposition, Team 6, won 4th place in poster presentation. The exposition is judged by 6 industry professionals: 2020
- Annually serve as a Moderator for the Inter-Professional Workshop; medical school students, nursing students, physician assistant students, occupational therapy students, speech language pathology students, nutrition/ dietetics students, and physical therapy students. 2020-Current
- 305 Cafecito Chat with Florida International University office of engagement "Challenges of Caring for Special Needs Children in Today's covid Quarantine Environment", 2020
- Physical Therapy Admissions, 2019-Current
- Physical Therapy Departmental Program Review and Accreditation, 2019

AWARDS/RECOGNITION

- Feature story in the FIU Research Magazine- Published date Jan 13, 2025

- Rewarding Excellence in Teaching Incentive (RETI) award, awarded \$2000. April 2024
- Nominated for the FPTA Award for Excellence in Academic Teaching, 2024
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2023-2024
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2022-2023
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2021-2022
- Annual Report for Nicole Wertheim College of Nursing & Health Sciences-Feature-3D Printing, 2022-2023
- Honorable Mention for TOM's Global Innovation Challenge, 3D Printed Adaptation for Bicycle, 2024, \$500 award

Continuing Education Attended:

- Combined Sections Meeting, Boston, 2024
 - Physical Therapist Residency Education: A National Study of Excellence and Value
 - Dismantling Ableism and Creating a Culture of Belonging Within Physical Therapy Educational Programs
 - Sports Section Research Platform 5
 - Use of Concept Mapping for Teaching and Assessing Clinical Reasoning Across Pediatric Physical Therapist Education
 - Movement Skill Acquisition: A Paradigm for Progression From Lab to Field to Studio
 - Advancing Clinical Reasoning: Integrating Task-specific Movement Analysis Across the Life Span in PT Education Curricula
 - Implementing an At-Home Rehabilitation Program Using a 3D Printed Prosthetic Hand in Pediatrics
 - Pediatrics Platform Session 2
- APTA CPI 3.0 – PT DCE Training
- FPTA Conference, Orlando, 2023
- Combined Sections Meeting, San Diego, 2023
 - A Blueprint for Teaching and Learning Clinical Reasoning: Implementation From the Classroom to the Clinic
 - Two Legs Are Better Than One: Gait Deviations in Individuals With Lower Extremity Limb Differences
 - Research Update on Exercise for Osteoporosis
 - Pediatrics Platform Session 1
 - Hand and Upper Extremity Research Platforms
 - Excellence in Pediatric Physical Therapy Education: Application of the Evidence
 - 3D Scanners and Their Role in the Pediatric Clinic
 - Pediatric Cardiac Rehab: A Physical Therapy-Led Initiative
 - Management of Children and Adolescents With Congenital and Acquired Limb Deficiencies
- FPTA Conference, Orlando, 2022

- FPTA Conference, Virtual, 2021
- Combined Sections Meeting, Virtual, 2021
- Combined Sections Meeting, Denver, 2020

Current Teaching Responsibilities in the Entry-Level Program for Academic Year of Program Review:

Fall

PHT 6163 Neurological Diagnosis and Management I Lecture

Type: Primary and Other- Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- The second in a sequence of five courses designed to examine the fundamental concepts of motor control systems and various neurophysiological theories and principles. Emphasis is placed on relevance to the organization and control of movement, clinical methods, motor learning, and physiology of motor control and neural mechanisms of recovery.

PHT 6163 L Neurological Diagnosis and Management I Lab

Type: Primary and Other- Amanda Thomas, Jeffrey Fernandez

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- The lab portion of PHT 6163 covers the elements of patient and client management provided by physical therapists for individuals impacted by neurological conditions. Emphasis on examination and evaluation and the development of a physical therapy plan of care. Students are exposed to treatment interventions with the goal of improving function and motor control.

PHT 5805 Clinical Internship I

Type: Primary and Other- Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Eight weeks of full-time clinical experience in an orthopedic, acute care, neurorehabilitation, or an elected setting. The student will have the opportunity to integrate advanced patient management and evaluation skills and to develop entry-level competencies in physical therapy.

PHT 6973 Doctor of Physical Therapy Project III- Instructor: The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Working with Doctor of Physical Therapy students in the development, data collection, analyses and execution of a fully developed research project that is eligible for publication and/or presentation.

Spring

PHT 6325 Advanced Clinical Pediatric Physical Therapy

Type: Primary and Other- Amanda Thomas, Tatiana Fernandez, Lauren Butler, Jeffrey Fernandez

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- The last in the sequence of five courses is designed to enhance the student's knowledge of physical therapy in the infant, child, and adolescent populations. Students will learn about physical therapy for youth with orthopedic-related impairments and infants and children with neurological-related impairments. This course is a combination of lectures and labs to enhance critical thinking and clinical decision-making in patient care. Live patient demonstrations from Nicklaus Children's Hospital are provided to the students.

PHT 6827 Clinical Experience III

Type: Primary and Other- Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Eight weeks of full-time clinical experience in an orthopedic, acute care, neurorehabilitation, or an elected setting. The student will have the opportunity to integrate advanced patient management and evaluation skills and to develop entry-level competencies in physical therapy.

PHT 6905 Independent Study

Type: Primary and Other- Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Working with the Doctor of Physical Therapy students in the development, data collection, analyses and execution of a fully developed research project that is eligible for publication and/or presentation.

PHT 6970 Doctor of Physical Therapy Project I

Type: Primary and Other- Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Working with Doctor of Physical Therapy students in the development, data collection, analyses and execution of a fully developed research project that is eligible for publication and/or presentation.

Summer**PHT 6165 Applied Clinical Neuroanatomy**

Type: Primary and Other: Amanda Thomas and Anna Tischenko

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- The first in a sequence of five courses designed to prepare the student in the areas of physical therapy related neurological diagnosis and treatment. This course gives the student an in-depth review of the structural and functional aspects of neuroanatomy and the evaluation of the integrity of these structures. Emphasis is placed on the neurological organization and introduction to the study of motor control and issues important to the practice of physical rehabilitation.

PHT 6169 Neurological Diagnosis and Management III Lecture

Type: Primary and Other: Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- The fourth in the sequence of five courses designed to examine motor control systems and various neurophysiological theories and principles which are applied in the rehabilitation of pediatric patients with neurological dysfunction. Emphasis will be placed on progressive and non-progressive disorders characteristic of children and adolescents. Participants review and practice evaluation, assessment, treatment interventions, and documentation principles for the disorders presented. Case studies will be utilized to emphasize problem solving and clinical decision-making in patient care.

PHT 6169 L Neurological Diagnosis and Management III Lab

Type: Primary and Other- Amanda Thomas, Tatiana Fernandez, Lauren Butler

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- The lab portion of PHT 6169 emphasizes the examination of motor control systems and various neurophysiological theories and principles which are applied in the rehabilitation of patients with neurological dysfunction. Emphasis will be placed on progressive and non-progressive disorders characteristic of children and adolescents. Participants will review and practice evaluation, assessment, treatment interventions, and documentation principles for the disorders presented. Case studies will be utilized to emphasize problem solving and clinical decision-making in patient care.

PHT 6905 Independent Study

Type: Primary and Other- Amanda Thomas

Role: Instructor- The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Working with the Doctor of Physical Therapy students in the development, data collection, analyses and execution of a fully developed research project that is eligible for publication and/or presentation.

PHT 6972 Doctor of Physical Therapy Project II- Instructor: The individual responsible for the entire course when only that individual is involved, whether or not the course has a laboratory component.

- Working with Doctor of Physical Therapy students in the development, data collection, analyses and execution of a fully developed research project that is

eligible for publication and/or presentation.