CURRICULUM VITAE (Oct 2023)

Bini Thomas, PT, DPT, CLT, MSA, Ed. D School of Physical Therapy and Rehabilitation Sciences University of South Florida 12901 Bruce B. Downs Blvd. Tampa, FL 33612 MDC 77

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Education:

Degree	Institution	Major	Date Awarded
Ed. D	Argosy University, Phoenix, AZ Dissertation Title: The Role of Clinical Instruction as High Involvement Work Systems in Improving Job Satisfaction of Physical Therapists	Organizational Leadership	March, 2019
Master's Level Classes	Argosy University, Phoenix, AZ	Strategies for Teaching Adult Learners: 3 Credits Survey of Curriculum Theory and Design: 3 Credits	2013
DPT	Boston University, Boston, MA	Physical Therapy	September, 2005
MSA	Central Michigan University, Mt. Pleasant, MI	Health Services Administration	December, 1997
BS	Dr. MGR Medical University, Tamilnadu, India	Physical Therapy	July, 1992

Licensure Information:

State of Florida Physical Therapist # PT 31391(Active) State of Michigan Physical Therapist # 5501005232 (Active) ORCID ID # 0000-0002-8633-7442

Scholarly Interests

Cardiovascular and pulmonary dysfunction in adults, dyspnea post COVID-19, post CABG functional outcomes, early mobilization in the ICU, job satisfaction factors among physical therapists, leadership in physical therapy, clinical instruction, ethical and professional behaviors in physical therapy students, and functional outcomes for patients after total knee replacements.

Certifications:

1

Certification in Adult Mental Health First Aid 2023-2026.

American Physical Therapy Association Credentialed Clinical Instructor, 2002.

Collaborative Institutional Training Initiative Program: Social / Behavioral Investigators and Key Personnel, 2020;

Collaborative Institutional Training Initiative Program: GCP – Social and Behavioral Research Best Practices for Clinical Research, 2020

Collaborative Institutional Training Initiative Program: Certification in responsible research with content areas in History and Ethical Principles, Assessing Risk, and Informed Consent, 2018;

Certified Comprehensive Lymphedema Therapist, Cedar Haven Rehabilitation Agency, 2002.

Employment and Positions Held:

Academic and Administrative Appointments:

Assistant Professor

University of South Florida, Tampa, FL 08/2019 to Present

Assistant Professor

South University PTA Program, Novi, MI 02/2012 to 08/2019

Founding Director of Clinical Education

South University PTA Program, Novi, MI 02/2012 to 08/2019

Adjunct Faculty Member.

PTA Program, Henry Ford Community College, Dearborn, MI. 03/2006 to 12/2007, Instructor in Therapeutic Procedures

Clinical Positions:

Lead Physical Therapist/Supervisor of Acute Care Rehabilitation Department.

Providence Park Hospital, Novi, MI. 07/2008 to 02/17/2012

Center Coordinator for Clinical Education

Providence Park Hospital, Novi, MI. 07/2008 to 02/17/2012

Clinical Instructor

1994 to 2011

Contingent Physical Therapist (Acute care and OP).

Providence Park Hospital, Novi, MI. 02/17/2012 to 12/31/2016

Physical Therapist (Home Health Care).

Residential Home Health, Southfield, MI. 10/2007 to 12/2008

Manager of Rehabilitation Services (Acute care and OP).

Oakwood Hospital and Medical Center, Dearborn, MI. 03/2006 to 10/2007

Supervisor of Physical Therapy (Acute care and OP).

Oakwood Hospital and Medical Center, Dearborn, MI. 12/2003 to 03/2006

Senior Physical Therapist (Acute care and OP).

Oakwood Hospital and Medical Center, Dearborn, MI. 06/2001 to 12/2003

Physical Therapist (Acute care and OP).

Oakwood Hospital and Medical Center, Dearborn, MI. 09/1998 to 05/2001

Area Manager (SNF).

Rehabworks, Southfield, MI. 03/1998 to 09/1998

Rehabilitation Manager (SNF).

Rehabworks, Redford, MI. 06/1997 to 03/1998

Physical Therapist (SNF).

Rehabworks, Farmington, MI. 04/1995 to 05/1997

Physical Therapist (Home Health Care).

Home Health Plus Home Care, Southfield, MI. 12/1994 to 12/1997

Physical Therapist (Home Health Care).

Metro Home Health Care, Dearborn, MI. 01/1995 to 01/1997

Physical Therapist (Home Health Care).

Excellacare Home Care, Farmington, MI. 02/1997 to 12/1997

Physical Therapist (Acute care and OP).

Oakwood Hospital and Medical Center, Dearborn, MI. 12/1992 to 03/1995

Peer Reviewed Publications:

- Morgan, S., Thomas, B., Klein, A.B., Morris, Z. Haladay, D., Visovsky, C. Chest Expansion in the post-COVID-19 Patient. (Submitted to Biological Research in Nursing). Revisions in progress.
- **B. Thomas,** S. Morgan, J. Smith. Impact of Early Mobilization within the Intensive Care Unit Following Coronary Artery Bypass Grafting: A Systematic Review. 2023. (Accepted for publication in Cardio Vascular Physical Therapy Journal, awaiting publication details)
- Morgan S, Visovsky C, **Thomas B**, et al. Home-Based Pilot Pulmonary Rehabilitation Program for Long-Haul COVID-19 Patients. *Clinical Nursing Research*. 2023;32(5):895-901. doi:10.1177/10547738231170496
- Morgan, S., Visovsky, C., Klein, A., **Thomas, B.**, Ji, M., Schwab, L., Coury, J. (2022). Home-Based Pulmonary Rehabilitation Program for Patients with Long-Haul COVID-19: A Longitudinal Single Group Design Study. Cardiopulmonary Physical Therapy Journal. (Under Peer Review).
- Morgan, S., **Thomas, B.**, Klein, A.B., Torres, H., Visovsky, C. The Effectiveness of Respiratory Muscle Strength Exercises on the Outcomes in Patients with Post-COVID-19 and Other Restrictive Lung Diseases: A Systematic Review. Clinical Nursing Research (Accepted for publication)
- **B. Thomas.** Dissertation Title: The Role of Clinical Instruction as High Involvement Work Systems in Improving Job Satisfaction of Physical Therapists. 2019.

Peer Reviewed Scientific and Professional Presentations:

- **Thomas, B.,** Morgan, S., Klein, A., Morris, Z., Haladay, D., Visovsky, C. Impact of Respiratory Muscle strength Training on Thoracic Expansion post-COVID-19: A Pilot Study. Accepted for 2024 Combined Sections Meeting APTA Conference.
- Morgan, S., **Thomas, B.**, Klein, A., Morris, Z., Haladay, D., Visovsky, C. Impact of Respiratory Muscle Strength Training on Thoracic Expansion post-COVID-19: A Pilot Study. Abstract submission 2024 Southern Nursing Research Society.
- **Thomas, B.** Clinical Reasoning Theater for Educating CVP Content and Promoting Clinical Reasoning among DPT Students. Poster ELC 2023. (National).
- Morgan, S.; **Thomas, B.**; Klein, A.B.; Morris, Z.; Haladay, D.; Visovsky, C. (2023). Chest Expansion in the patient with post-COVID-19. Sarasota Memorial Hospital Research Conference Poster Presentation. (Regional).

- **Thomas, B**, J. Haladay. Improving Interview Skills using Peer Feedback. Poster Presentation. The Center for Innovative Teaching and Learning (CITL) Celebration of Teaching Conference, University of South Florida, 2023. (Local).
- **B. Thomas**. Clinical Reasoning Theater for Educating CVP Content and Promoting Clinical Reasoning among DPT Students. Poster Presentation. The Center for Innovative Teaching and Learning (CITL) Celebration of Teaching Conference, University of South Florida, 2023. (Local)
- M. Ruiz, A. Galinis, M. Kelly, M. Rodriguez, **B. Thomas**. The Effects of Respiratory Muscle Training on Patients Post-Covid-19 Infection. A Systematic Review. Poster Presentation, Interprofessional Research Day 2023, University of South Florida. (Local).
- **B. Thomas**, A.B. Klein, S. Morgan, C. Visovsky, L. Schwab, J. Coury, M. Moreno, J. Ming. Effect of a Home-Based Pulmonary Rehabilitation Program for Patients with Long-Haul COVID-19. Platform Presentation. Combined Sections Meeting 2023, APTA (National)
- **B. Thomas**, J. Younkin, M. Alisic, A. Pontaoe, A. Caraballo. The Role of Physical Therapists in the Care of COVID-19 Patients: A Scoping Review. Poster Presentation, Educational Leadership Conference 2022, APTA (National).
- Morgan, S., Visovsky, C., Klein, A., **Thomas, B.**, Ji, M., Schwab, L., Coury, J. (2023). Home-Based Pulmonary Rehabilitation Program for Patients with Long-Haul COVID-19: A Longitudinal Single Group Design Study. Platform Presentation. Southern Nursing Research Society 2023.(National)
- S. Morgan, C. Visovsky, A.B. Klein, **B. Thomas**. Home-based Pulmonary Rehabilitation for Discharged Hospitalized Patients Recovering from COVID-19. Panel Presentation. New Knowledge & Innovation Conference, May, 2022. (Regional).
- S. Morgan, C. Visovsky, A.B. Klein, **B. Thomas**, L. Schwab, J. Coury, M. Moreno. Pulmonary Rehabilitation for Discharged Hospitalized Patients Recovering from COVID-19. Poster Presentation, Interprofessional Research Day 2022, University of South Florida. (Local).
- J. Younkin, M. Alisic, A. Pontaoe, A. Caraballo, **B. Thomas**. The Role of Physical Therapists in the Care of COVID-19 Patients: A Scoping Review. Poster Presentation, Interprofessional Research Day 2022, University of South Florida. (Local).
- **B. Thomas,** S. Akachukwu, B. Butler, S. Fatehi, H. Shokri. Impact of Early Mobilization within the ICU Following Coronary Artery Bypass Grafting: A Systematic Review. Platform Presentation. Combined Sections Meeting 2022, APTA (National)
- **B. Thomas,** A. Best, D. Martinez, R. Ditwiler, D. Haladay, J. Haladay. An Interprofessional Collaboration to Incorporate Content on Systemic Racism in Physical Therapy Education. Poster Presentation. FPTA Annual Conference, September 2021.

- **B. Thomas,** S. Akachukwu, B. Butler, S. Fatehi, H. Shokri. Impact of Early Mobilization within the ICU Following Coronary Artery Bypass Grafting: A Systematic Review. Poster Presentation, Interprofessional Research Day 2021, University of South Florida.
- **B. Thomas**, J. Tabisz, K. Collins, OK. Kim, S. Gupte. Impact of Early PT Interventions for Medically Complex, Post ECMO, COVID-19 Patient: A Case Report. Poster Presentation, Combined Sections Meeting 2021, APTA (National)
- **B. Thomas**. Clinical Instruction: An Intrinsic Motivational Factor in the Professional Development of Physical Therapists. Platform presentation, Educational Leadership Conference 2020, APTA (National).
- **B. Thomas**, L. Swisher, R Ditwiler. Exploring a Brave New Virtual World: Strategies to Promote DPT Student Professionalism & Moral Reasoning. Platform presentation, Educational Leadership Conference 2020, APTA (National).
- **B. Thomas**. *Conceptualization of Clinical Instruction as a High Involvement Work System*. International Academy of Business and Public Administration Disciplines Annual Conference. Platform presentation in April 2019. (International).
- **B. Thomas. Invited Session Speaker**: Lymphedema for health care workers. Regional Oncology Conference Michigan, 2005. (Regional).

Non-Peer Reviewed Presentations:

Web based CPI training to multiple Health settings- 2014-2017

Professional Development Requirements for PT- PPH PT Department 2016

Direct Access for PT: for PPH PT Department 2016

Ergonomics Training to RN and CNA, Providence Park Hospital, 2008-2009

Back Saver's program new hire orientation and on-boarding, Providence Park Hospital, 2009-2011

Speaker: Informational lecture to residents regarding PT, OT, SLP and Audiology services, Oakwood Hospital, 2000-2004

Funded/In Review Grant Activity:

Part of NIH research grant study on Pulmonary Rehabilitation for Discharged Hospitalized Patients Recovering from COVID-19. Co-Investigator and Data collector. **2021-Current**

Current/Active Research Activity:

Membership in Scientific/Professional Organizations:

Member of American Physical Therapy Association 1996- present Member of Florida Physical Therapy Association 2019-Present Member of APTA Education Section 2012-Present

Member of APTA Research Section 2017- Present

Member of APTA Acute Care Section 2019- Present

Member of APTA CVP Section 2019- Present

Member of Michigan Physical Therapy Association 1996-2020

Member of MANSIG (Manager's Special Interest Group), MPTA. 1996-2015

Member of Detroit Area Clinical Educators Forum 2012-Present

Member of SIG-Clinical Education MPTA 2012-2019

Member of Association of Kerala Physical Therapy Professionals 2018- Present

Consultative and Advisory Positions Held:

Advisory board member of Henry Ford Community College's PTA program. 2003-2007 Program Advisory Committee Member, PTA program, South University 2012-2019 Progression Committee, South University 2012-2019

Service to Profession:

APTA Academy of Acute Care Treasurer (Elected Position). 2023-2026.

APTA Academy of Acute Care Membership Committee Member: 2021-Present

APTA Academy of Acute Care Finance Committee: Member 2021-2024 (Appointed for a 3-year term)

Vital Sign Interpretation Reactor Panel: CVP Section of APTA: 2020

Item Writer for the Federal State Board of Physical Therapy, National Licensure exam. August 2015- December 2015.

Regional Item Writer for the Federal State Board of Physical Therapy, National Licensure exam. June 2014- August 2014.

Detroit Area Clinical Educators Forum (DACEF): 2012-2019.

Michigan Physical Therapy Association SIG-Clinical Education (SIG-CE): 2012-2019.

Conference Planning Committee for SIG- CE: 2018.

Sub-committee for Outstanding CCCE of the year for DACEF: 2014, 2016.

Developed a scoring rubric for MPTA CCCE of the year award: 2014.

Sub-committee for Outstanding CI of the year for DACEF: 2015.

Mobility Task Force, Providence Park Hospital. 2008-2012.

Back Saver, Providence Park Hospital. 2008-2012

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

University of South Florida

Abstract Reviewer for Graduate Student Research Symposium, 2022, USF

Facilitator USF 5th Annual IPE day 2022, 2023

MCOM Faculty Council Representative September 2019- Current

Evaluator for Research Day Posters 2021, 2022

Part of Interview Panel: Sr. Associate VP of Faculty & Academic Affairs, USF Health 2020

Part of Interview Panel: Vice Dean of Faculty Affairs: 2020

South University

Library Committee South University - 2013-2019

ACO Revision Committee South University - 2014 Curricular Revisions Committee South University 2012 - 2014, 2017 QEP Topic Task Force South University - 2013 Clinical Course Task Force South University, 2013-2015 Commencement Ceremony Speech Committee South University - 2014, 2015 Accreditation Task Force South University 2012- 2018

Services to the Department

School of Physical Therapy and Rehabilitation Sciences, University of South Florida

Chair, DPT Selection Committee: 2022-Present

Faculty Selection Committee: 2023

Program Director Search Committee, 2023 Simulation Lab Restructure Committee, 2022 Awards Committee SPTRS, 2023-present

APRSC Member, 2020-present

DEI Committee SPTRS, 2022-Present

Facilitator for IPE Day DPT/AT/Nursing students, 2022 Facilitator, Health Profession Scholars Day, 2022, 2023

Coordinator and presenter, College Reach Out Program, 2022

Bootcamp Facilitator, Summer 2022, 2023

DCE Search Committee: 2022

DPT Selection Committee: 2021-Present

Reopening Taskforce post COVID-19: Fall 2020

SIM lab task force, Spring 2021

Presentation on career trajectory and non-clinical options to graduating class of 2021

Facilitator: Clinical Education Wrap-up Week: 2020, 2021 Facilitator: Annual summit SPTRS, November 2020, 2022

Recruitment Open house for potential DPT Applicants, October 2020, 2022

Virtual PT CVP case design, Summer 2020

Virtual PT Evaluation and recommendations, July 2020

LIA Grader: January 2020, May, 2021, 2022 IPE day faculty facilitator: October 2019

South University

Program Advisory Committee South University - 2012-2019 Progression Committee South University -2013-2019

Service to Community

Invited Speaker and Chief Guest. Parish and CCD Annual Day 2023. Speech on "Role of Faith Formation in Professional Career Identity Formation. Sacred Heart Knanaya Catholic Church, Tampa, FL.

Chairperson Association of Kerala Physical Therapy Professionals Scholarship, 2018-2020 Novi High School Senior guest lecturer on Health occupations in Rehabilitations, 2008-2011 Novi High School Senior Interviews and shadowing for Health Occupations, 2008-2011

Honors and Awards:

USF Health Dean's Interprofessional Research Award, February 2022 Education Influencer Award, Physical Therapy Learning Institute, 2020 (National) Faculty of the Year, South University, 2015

Employee of the month, South University, 2014

Continuing Education Attended:

Educational Leadership Conference, APTA October 2023

Overview of The LASER Pilot Project Laser Therapy in Amputee Skin Care to Enhance Rehabilitation. A Preliminary Investigation. March, 2023

APTA Combined Sections Meeting, 2023

Movement Screening Tests for Athletes: Tools for Effective Clinical Practice, APTA LMS course, 01/2023

Managing Post-intensive Care Syndrome in Your Clinic, APTA LMS course, 01/2023

Yoga: An Integrative Approach to Successful Aging, APTA LMS course, 01/2023

Implementing an Intensive Inpatient Rehab Locomotor Training Program Incorporating Robotics and Other Technology-Based Tools, APTA LMS course, 01/2023

Formula for Community Inclusion = D3STAR: Drumming, Dogs, and Dance, APTA LMS course, 01/2023

Movement System Neuromuscular Diagnoses, APTA LMS course, 01/2023

Movement System Musculoskeletal Diagnoses of Lumbar Spine and Shoulder, APTA LMS course, 01/2023

Tough to Treat: Increase Your Clinical Expertise by Learning to Assess the Complex Patient, APTA LMS course, 01/2023

Team Treatment of the Arthritic Knee From First Office Visit to Last Postop Visit, APTA LMS course, 01/2023

Is It Really Back Pain? A Case-Based Approach to Differential Diagnosis and Medical Screening, APTA LMS course, 01/2023

DEI: Cultural Considerations for Clinical Decision Making in Diverse Patient/Client Populations, APTA LMS course, 01/2023

Educational Leadership Conference, APTA October 2022

OSCEology Workshop 2022: USF

More Than Soft Skills Cultivating Compassion and Vulnerability in Health. March, 2022 APTA Combined Sections Meeting, 2022

Overview of Diversity, Equity, and Inclusion related Terminology and Concepts for Healthcare Professionals, October, 2021

A Novel Gait Training Strategy to Improve Walking Ability in Individuals with Stroke, Aug 2021.

Medical Errors for Physical Therapists and Athletic Trainers, July, 2021

Motor Learning in Children with Autism Spectrum Disorder. June, 2021

NPTE Item-writing and Analysis by FSBPT, 2021

APTA Combined Sections Meeting, 2021

Professional development regarding COVID. Multiple classes

Recommendations on addressing bias and eliminating discrimination in the clinical learning environment, The Josiah Macy Jr. Foundation, December 2020

Educational Leadership Conference, APTA October 2020

From Bedside to Webside: Academic & Clinical Teaching of Acute Care Physical Therapy in the COVID Era, APTA. August 2020

Summer Series with Jan Davis: "Recognizing the Person in Case-Based Learning", "Utilizing

ICE Videos Throughout the Curriculum". August 2020

NEXT: Annual Conference APTA, June 2020

Faculty Development Workshop: Online Instructional Design, Active Learning Activity & Assessment Design, Rehab Essentials. June 2020

Lessons from the Trenches: The Nuts & Bolts of Implementing a Lab Immersion. APTA, May 2020

Covid and pandemic- Johnstown bioethics webinar, May 2020

Physical Therapy Considerations of COVID-19 in the Post-Acute Setting, APTA, April 2020

Practical Strategies for Integrating Interprofessional Education into your Curriculum, April 2020

Actionable Tips for Distance Education Success: APTA, 2020

COVID-19 Updates and Improving Hospital Deconditioning & Physical Impairment in the

COVID-19 Era: Practical Strategies, APTA, April 2020

APTA Combined Sections Meeting, Denver, CO, 2020

Therapeutic Management of the lower extremity dysfunctions in the elderly, 2018

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

USF SPTRS DPT Program

Summer 2023

PHT7959: Capstone Seminar in PT: Instructor

POD Advisor: DPT 2024 and DPT 2025 Professionalism Coach for all three years LIA 2 grader and LIA 2 Remediation Grader

Spring 2023

PHT6278: PT Science: Other Systems: Course Director and Instructor

PHT8266: Adv. Clinical Problem Solving: Cardiopulmonary: Course Director and Instructor

PHT 6834: Seminar 4: Facilitator

PHT 6609: Adv EBP: Capstone Mentor

NGR 7915 (Part 2): Advanced Direct Research in Nursing: Course Director and Instructor

POD Advisor: DPT 2024 and DPT 2025 Professionalism Coach for all three years

PI 2: Instructor LIA exam grader

Fall 2022

PHT8550: Professional Issues III: Instructor

PHT6277: PT Science: Physiology & Pathophysiology: Instructor

PHT 6015: Introduction to Physical Therapy: Instructor PHT6205: Seminar in Physical Therapy 1: Instructor

PHT 7936: Management of Complex Patients: Instructor (Co-Developed Course)

PHT7959: Capstone Seminar in PT: Instructor

NGR 7915 (Part 1): Advanced Direct Research in Nursing: Course Director and Instructor

POD Advisor: DPT 2023 and DPT 2024 Professionalism Coach for all three years

Summer 2022

PHT7959: Capstone Seminar in PT: Instructor

POD Advisor: DPT 2024 and DPT 2025 Professionalism Coach for all three years LIA 2 grader and LIA 2 Remediation Grader

Spring 2022

PHT6278: PT Science: Other Systems: Course Director and Instructor

PHT8266: Adv. Clinical Problem Solving: Cardiopulmonary: Course Director and Instructor

POD Advisor: DPT 2023 and DPT 2024 Professionalism Coach for all three years

PI 2: Instructor LIA exam grader

Fall 2021

PHT8550: Professional Issues III: Course Director and Instructor

PHT6284: Foundations of PT 1: Instructor

PHT6277: PT Science: Physiology & Pathophysiology: Instructor

PHT 6015: Introduction to Physical Therapy: Instructor PHT6205: Seminar in Physical Therapy 1: Instructor

PHT 7421: Professional Issues I: Facilitator PHT7531: Professional Issues II: Facilitator POD Advisor: DPT 2023 and DPT 2024 Professionalism Coach for all three years

Summer 2021

PHT7959: Capstone Seminar in PT: Instructor POD Advisor: DPT 2023 and DPT 2024 Professionalism Coach for all three years

LIA 2 grader and LIA 2 Remediation Grader

Spring 2021

PHT6278: Physical Therapy Science 4: Course Director and Instructor PHT 7265: Cardiopulmonary CPS: Course Director and Instructor

PHT 7421: Professional Issues I: Instructor PHT7531: Professional Issues II: Instructor

LIA 1 grader and LIA 1 Remediation Grader

Fall 2020

PHT6352: Pharmacology for Healthcare Prof: Course Director and Instructor

BMS5005: Introduction to Physical Therapy: Instructor

PHT 7421: Professional Issues I: Instructor

PHT6277: Physical Therapy Sciences 3: Instructor

PHT7959: Capstone Seminar in PT: Instructor

PHT8550: Professional Issues III: Instructor

PHT6609: Critical Assessment of Lit/EBP: Instructor PHT8900: PT Sciences Review: Learning Team Member

POD Advisor: DPT 2023

Summer 2020

PHT7959: Capstone Seminar in PT: Instructor PHT6841: Clinical Education I: Instructor

Spring 2020

PHT 7265: Cardiopulmonary CPS: Co-Course Director responsible for course development

PHT 6205B: Doctoring for PT: Co-Course Director PHT 7531: Professional Issues 2: Co-Course Director

PHT 6278: PT Science 4: Instructor

Fall 2019

PHT 6205A: Doctoring for PT: Lab Asst & Coach

PHT 6277: PT Science 3: Instructor

PHT 6609: Critical Assessment: Instructor

PHT 7421: Professional Issues 1: Instructor & Coach

PHT 8266: Adv CPS Cardio Workshop PHT 8550: Professional Issues 3: Instructor