

Leonardo Vinícius Thomé Teixeira da Silva

Interdisciplinary Health Sciences PhD Program

University of Texas at El Paso

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EDUCATION

2023 – 2027 – Interdisciplinary Health Sciences PhD

Program University of Texas at El Paso (UTEP)

El Paso – Texas - EUA

2020 – Master of Physical Therapy (Health Sciences / Physical and Occupational Therapy / Physical Therapy in Neurology)

Universidade Cidade de São Paulo (UNICID)

São Paulo – Brazil

2022 – Specialization Course in Physical Therapy in Neurologic Disorders in Children and Adults

Associação de Assistência à Criança Deficiente (AACD)

São Paulo – Brazil

2012 – Specialization Course in Physical Therapy in Pediatric Physical Therapy Universidade Cidade de São Paulo (UNICID)

São Paulo – Brazil

2010 – Bachelor in Physical Therapy

Universidade Cidade de São Paulo

(UNICID) São Paulo – Brazil

COMPLEMENTARY EDUCATION

2022 – Proprioceptive Neuromuscular Facilitation (PNF) – Advanced Course (PNF 3A/B) International PNF Association (IPNFA)

Rio Grande do Sul – Brazil

2021 – Proprioceptive Neuromuscular Facilitation (PNF) – Basic Courses (PNF 1 + 2) International PNF Association (IPNFA)

PROFESSIONAL EXPERIENCE

2023 – Present – Research Assistant

Department of Physical Therapy and Movement
Sciences University of Texas at El Paso (UTEP)
Texas – United States of America

2023 – Present – Teacher Assistant

Evidence-Based Practice in Physical Therapy (EBPPT)
Department of Physical Therapy and Movement
Sciences University of Texas at El Paso (UTEP)
Texas – United States of America

2018 – Present – Associate Professor

Specialization Course in Physical Therapy in Neurology
Specialization Course in Occupational Therapy in Neurology Specialization
Course in Pain Management and Palliative Care in Pediatrics Instituto
Israelita de Ensino e Pesquisa Albert Einstein (IIEPAE)
São Paulo - Brazil

2019 – 2023 – Physical Therapist

Neurologic Rehabilitation
Hospital Israelita Albert Einstein
(HIAE) São Paulo - Brazil

2019 – 2021 – Associate Professor

Specialization Course in Physical Therapy in
Geriatrics Physio Cursos
São Paulo – Brazil

2013 – 2020 – Physical Therapist

Neonatal and Pediatrics Intensive Care Units
Hospital e Maternidade Vitória – Unidade Anália
Franco São Paulo – Brazil

2018 – 2019 – Professor and Internship Supervisor

Universidade Anhanguera de São Paulo (UNIAN/
SP)

São Paulo – Brazil

2018 – 2019 – Physical

Therapist Pediatric Intensive

Care Unit Hospital Nove de
Julho (H9J) São Paulo – Brazil

2017 – 2018 – Physical Therapist

Pediatrics Intensive Care Unit Hospital
Estadual Mário Covas (HMEC) São
Paulo – Brazil

2013 – 2017 – Physical Therapist

Neonatal Intensive Care Unit
Hospital e Maternidade São Luiz
(HMSL) São Paulo – Brazil

2011 – 2012 – Physical Therapist

Neonatal Intensive Care Unit
Hospital UNIMED Guarulhos – Unidade II
(UNIMED) São Paulo – Brazil

2011 – 2012 – Physical Therapist

Adults Intensive Care Units
Grupo de Saúde Bandeirantes – Hospital
Bandeirantes São Paulo – Brazil

2011 – 2012 – Physical Therapist

Neurologic Rehabilitation in Pediatrics
Centro Israelita de Apoio Multidisciplinar
(CIAM) São Paulo – Brazil

PERSONAL STATEMENT

I am currently a student of the Interdisciplinary Health Sciences PhD Program at the University of Texas at El Paso (UTEP). I have over 15 years of clinical practice, treating neurological disorders in pediatrics' (with focus in cerebral palsy habilitation/rehabilitation), and adults' (with focus in chronic stroke rehabilitation)

settings. My research interests include functional assessment tools and associations between motor behavior and psychosocial constructs among older adults.

PEER REVIEWED PUBLICATIONS

(*indicates mentored student; ** indicates first and/or senior author)

Silva, Leonardo Vinicius Thome Teixeira da**; Vegas, Milena; Ricci, Natália Aquaroni; Sá, Cristina dos Santos Cardoso de; Alouche, Sandra Regina. Selecting Assessments Tools to Characterize Upper Limb Functional in Children with Cerebral Palsy: a mega-review of systematic reviews. *Developmental Neurorehabilitation*, v. 25, p. 378-391, 2022

Vieira Costa PH, **Thome Teixeira da Silva LV**, Dias de Jesus TP, Dario DM, Torriani-Pasin C, Polese JC. MHealth devices demonstrate validity and reliability in detecting steps in chronic stroke survivors who rely on assistive devices. *J Bodyw Mov Ther.* 2024 Oct;40:1502-1507. doi: 10.1016/j.jbmt.2024.07.055. Epub 2024 Aug 3. PMID: 39593478.

[Under review] **Silva, Leonardo Vinicius Thome Teixeira da**; Umucu, Emre; Lee, Beatrice. What makes life worth living? The association between meaning in life and resilience in minorities with multiple sclerosis. *Journal of Vocational Rehabilitation*.

BOOK CHAPTERS

Torriani-Pasin, Camila; Palma, Gisele Carla dos Santos; Silva, **Leonardo Vinicius Thomé Teixeira da***; Geed, Shashwati. Using mHealth technology to monitor arm-use behavior, gait, and physical activity in stroke survivors. Springer Nature. 2023.

FUNDED/GRANT ACTIVITY

2023 – Dodson Grant

Silva, Leonardo Vinicius Thomé Teixeira da; Torriani-Pasin, C**. Mapping physical activity levels and sedentary behavior of stroke survivors: a pilot study. Graduate School, University of Texas at El Paso. (2023). Funded by the Les and Harriet Dodson Endowment and the President's Office. University of Texas at El Paso, United States of America (USA). (US\$3,000.00)

2018 – 2020 – Coordenação de Aperfeiçoamento de Pessoal em Nível Superior (CAPES)

Stricto Sensu Postgraduate Program in Physical Therapy, Masters and Doctorate
Levels Universidade Cidade de São Paulo (UNICID)
(US\$ 10,000.00)

CONTINUED EDUCATION

ATTENDED Viva la Salud!

SILVA, L.V.T.T. da, MELENDEZ, A., HOFFMAN, J., RIZO, B., CHAVARRIA, A., MILLER, L., CHEVALIER, T., SANCHEZ-GARCIA, G., PINTO, A.J., POLESE, J.C., Torriani-Pasin, C. Assessing sedentary behavior and levels of physical activity among Hispanic stroke survivors: a Cross-Sectional Mix-Method Study. In: 2024 Annual Viva la Salud! conference, 2024, United States of America (USA).

Campus of Undergraduate Research Initiatives (COURI)

Hoffman, J., Rizo, B.; **Silva, L.V.T.T. da**; Melendez, A.; Toccoli, A.; Carballo, P.C.; Avalos, A.; Almodovar, A.; Pinto, A.J.; Polese, J.C.; Torriani-Pasin, C. Assessing Physical Activity Levels and Sedentary Behavior of Stroke Survivors Living in the US-Mexico Border: a Pilot Study. In: Spring 2024 Campus of Undergraduate Research Initiatives (COURI) Symposium, 2024, El Paso, United States of America (USA).

American Physical Therapy Association (APTA) Combined Sections Meeting (CSM)

SILVA, L.V.T.T. da; MELENDEZ, A.; HOFFMAN, J.; GUTIERREZ, M.; PINTO, A.J.; SANCHEZ-GARCIA, G.; Torriani-Pasin, C. Factors contributing to sedentary behavior and physical activity in Hispanic stroke survivors: a qualitative approach. Accepted for: 2025 American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) conference, 2025, United States of America (USA). **Premiado:** Menção Honrosa (Fita Azul) concedida pela Academia de Liderança e Inovação por responsabilidade em Pesquisa.

SILVA, L.V.T.T. da; HOFFMAN, J.; RIZO, B.; MELENDEZ, A.; PINTO, A.J.; POLESE, J.C.; Torriani-Pasin, C. Assessing physical activity and sedentary behavior in stroke survivors in a Hispanic community. Accepted for: 2025 American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) conference, 2025, United States of America (USA).

CHAVARRIA, A.; CHEVALIER, T.; MILLER, L.; **SILVA, L.V.T.T. da**; HOFFMAN, J.; PINTO, A.J.; POLESE, J.C.; Torriani-Pasin, C. Validity and reliability of the Sedentary Behavior Questionnaire (SBQ) for stroke survivors. Accepted for: 2025 American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) conference, 2025, United States of America (USA).

ORRANTIA, S.; ADJEI-BAAH, N.; REID, B.; PINTO, A.J.; POLESE, J.C.; GUROVICH, A.; SOLIS, F.; JIMENEZ, L.; **SILVA, L.V.T.T. da**; Torriani-Pasin, C. Translation into Spanish and cross-cultural adaptation of the Self-Efficacy to Reduce Sedentary Behavior Questionnaire (SRSB). Accepted for: 2025 American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) conference, 2025, United States of America (USA).

ALMODOVAR, A.; TOCCOLI, A.; AVALOS, A.; CARBALLO, P.C.; HOFFMAN, J.; **SILVA, L.V.T.T. da**; MEDEIROS, N.; GEED, S.; Torriani-Pasin, C. Sit2Stand validity in stroke survivors in-clinic and at-home: a feasibility and safety study. Accepted for: 2025 American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) conference, 2025, United States of America (USA).

American Society of Neurorehabilitation (ASNR)

SILVA, L.V.T.T. da; MELENDEZ, A.; HOFFMAN, J.; RIZO, B.; CHAVARRIA, A.; MILLER, L.; CHEVALIER, T.; SANCHEZ-GARCIA, G.; PINTO, A.J.; POLESE, J.C.; Torriani-Pasin, C. Assessing the levels of physical activity and sedentary behavior of stroke survivors living on the US-Mexican border: a cross-sectional mix-method study. In: 2024 American Society of Neurorehabilitation Annual Meeting, 2024, United States of America (USA).

2024 - OpenSim+ Workshop

Restore Center

Stanford University

California - EUA

2019 – Poster presentation

I Congresso Internacional de Paralisia Cerebral

Selecting assessment tools to characterize upper limb function of children with cerebral palsy: A mega-review of systematic reviews

Campinas - São Paulo - Brazil

2019 – Attendee

III Encontro Científico da Associação Brasileira de Fisioterapia Neurofuncional
(ABRAFIN)

São Paulo – Brasil

ORCID

<https://>

orcid.org/0000-0002-4558-2599