

## CURRICULUM VITAE

Name: Wilton Remigio  
Name of Institution: Arkansas State University

### **Education:**

Degree, MSc  
Institution: King's college of London, GB  
Major: Science- Applied Neuroscience  
Started -October 2019 -- PAUSED

Degree: DSc  
Institution: Loma Linda University, CA  
Major: Doctor of Science  
Date awarded: June 2010

Degree: MPT  
Institution: Loma Linda University, CA  
Major: Post Professional master's in physical therapy  
Date awarded: June 2004

Degree: MSc  
Institution: Andrews University, MI  
Major: Administration – Concentration on International Health  
Date awarded: April 2003

Degree: B.S.  
Institution: Catholic Pontifica University of Salvador, State of Bahia , Brasil.  
Major: Physical Therapy  
Date awarded: 1999

Degree: B.S.  
Institution: Weimar College, Weimar Institute, CA  
Major: Bachelor of Health Science,  
Date Awarded: June 1984

Degree Awarded: BRE  
Institution: Northeast Brazil College in Pernambuco, transferred to the state of Bahia, Brazil,  
Major: Bachelor in Religion, 1990 (started in 1977 completed 10 years later)

**Licensure Information:** Licensed in home country: Brazil

## **Employment and Positions Held**

Assistant Professor  
Tenure Tract  
Arkansas State University  
Jonesboro, AR  
August 2020 to present

Associate Professor  
Tenure Tract  
Kettering College  
Kettering, OH  
Sep 2019 to June 2020

Assistant Professor  
Tenure Tract  
Misericordia University  
Dallas, PA  
August 2014 to May, 2019

Assistant Professor/Lecturer  
Roselyn Franklin University  
North Chicago, IL  
August 2013 to April 2014

Assistant Professor  
Tenure Tract  
Clarkson University, NY  
Potsdam, NY  
February 2011-June 2013

Adjunct Faculty  
Western University of Health Sciences,  
Pamona, CA  
May 2010 – December 2010

Adjunct Faculty (temporary)  
Institution: Chapman University  
Orange, CA  
July 2010 to November 2010

Invited Lecturer - Pathology  
Azusa Pacific University  
Azusa, CA  
September 2009- December 2009

Invited Lecturer -Statistics  
Loma Linda University  
City and State: Loma Linda California  
October 2008- Dec 2008)

Adjunct Professor – Anatomy and Physiology  
San Bernardino Valley College  
San Bernardino, CA  
August 2006- May 2007

### **Peer-Reviewed Publications and Presentations**

**Publication:** Remigio, W. Translational Research-Can PTs keep up with the Science?  
Editorial, JPhys Res.2018;8(3)

**Publication:** Remigio W, Tsai N, Layos L, Chavez M. Inter-rater and intra-rater reliability of the fluid goniometer for measuring active knee flexion in painful knees; correlations do not mean agreement. J Phys Ther Sci. 2017 Jun;29(6):984-988. doi: 10.1589/jpts.29.984. Epub 2017 Jun 7. PMID: 28626305; PMCID: PMC5468220.

**Publication:** Remigio, W. Advances in BK Channel Research: Isolation of the Cytosolic C-Terminus Segment of Mammalian KCa Channel  $\alpha$  Subunit, LAP LAMBERT Academic Publishing, January 18, 2013. Book

**Publication:** Bui C, Petrofsky J, Berk L, Shavlik D, Remigio W, Montgomery S. Acute effect of a single high-fat meal on forearm blood flow, blood pressure and heart rate in healthy male Asians and Caucasians: a pilot study. Southeast Asian J Trop Med Public Health. 2010 Mar;41(2):490-500. PMID: 20578534; PMCID: PMC3170142.

**Publication:** Petrofsky J, Prowse M, Remigio W, Raju C, Salcedo S, Sirichotiratana M, Madani P, Chamala RR, Puckett E, Wong M, Fajita M, Kaur R, Moore S, Pereira A, Katikaneni S, Regula K, Elavarthy P, Kumar U, Raju L, Gadagoju A. The use of an isometric handgrip test to show autonomic damage in people with diabetes. Diabetes Technol Ther. 2009 Jun;11(6):361-8. doi: 10.1089/dia.2008.0094. PMID: 19459764.

**Publication:** Petrofsky J, Schwab E, Cúneo M, George J, Kim J, Almalty A, Lawson D, Johnson E, Remigio W. Current distribution under electrodes in relation to stimulation current and skin blood flow: are modern electrodes really providing the current distribution during stimulation we

believe they are? J Med Eng Technol. 2006 Nov-Dec;30(6):368-81. doi: 10.1080/03091900500183855. PMID: 17060165.

**Poster:** Work in the Cold: A Systematic Review of How the Chronic Exposure to Low Temperatures May Explain Painful Soft Tissue Disorders. **Experimental Biology** Conference, April 25, 2018, Orlando, FL, USA

**Platform:** Thermal Medicine treatment alone arrested and reversed evolving COVID-19 lung infection and symptoms in a patient with comorbidities in Argentina. Annual Meeting of the **Thermal Medicine Society** (online) 2022, USA, Section #80 Clinical Hyperthermia Outcomes.

**Poster:** Prevention at Full Steam - Can Steam Inhalation Stop the Contagion of Sars-Cov 2? Poster The Experimental Biology /**American Society for Investigative Pathology** Conference, # L7492. Philadelphia, April 3, 2022

**Platform:** Remigio, W. Hot at Dawn: The Thermal Roots of Hippocratic medicine. Annual Meeting of **Thermal Medicine Society**, Tucson, AZ, May 25, 2018

**Poster:** Remigio, W. Trygar, M, Schweiger J., Fairchild, M. Work in the Cold: A Systematic Review of How the Chronic Exposure to Low Temperatures May Explain Painful Soft Tissue Disorders. **Experimental Biology** Conference, April 25, 2018, Orlando, FL, USA

**Platform:** Remigio, W. Is Heat the New NSAID? **Stanford Medicine X**. Stanford University, Sept 17, 2017. Stanford, CA

## Grants

### Funded Grants:

1. Main Investigator

Amount of funding awarded: \$2.800,00

Experimental Research using the Biopac Data Acquisition system

Title: Frequency and Spectral domains of heart rate variability in college male students after 20 min of exercise in machine (treadmill) versus free running with controlled intensity.

Dallas, PA, summer 2015

2. Main Investigator

Amount of funding awarded: \$11.000,00

Nature of project: (experimental Research- Exercise immunology- Title: Salivary cytokine profile after a bout of controlled intensity aerobic exercise in the common cold and flu-like illness

Date and source: 2017

### Non-Funded Grants:

1. Grant Title: Kay's Foundation Experimental and Translational Therapeutics Laboratory at A-State. Submitted in to the Kays Foundation, Jonesboro, AR in March 2022.

2. Project Title: Multi-Domain combined Lifestyle-based intervention for asthma in college age subjects. Submitted to the Arkansas Institute of Biosciences, Jonesboro, AR, in April 2022.

### **Current/Active Research Activity:**

Manuscript Preparation: Thermal Medicine treatment alone arrested and reversed evolving COVID-19 bilateral established lung infection and symptoms in a patient with comorbidities in Argentina. A case study and historiography of an old thermal medicine treatment

### **Consultative and Advisory Positions Held:**

Advisory committee for implementing online Student Evaluations on the campus of Misericordia University. 2018

NHI Grant research committee for the project: The effects of vibratory stimulator spectrum on acral and non-acral skin Blood flow, Loma Linda University School of Medicine. 2010

### **Community Service:**

#### **Pro Bono Clinic**

Misericordia University – Physical Therapy  
2016-2018 as support liaison.

Health Promotion: **Wellness fest** screening for Auditory Loss, Glycemia, Blood pressure, and posture for the general population in the city of Wilkes Barre at the Kirby Park in Partnership with local churches, Volunteers of Medicine, and the Academic Medicine of the Wilkes Barre General Hospital, Wilkes Barre, PA, July 16, 2017. Organizer, Mentor.

Health Promotion: **Memorial Day Health Fair** for the city of Wilkes Barre at Kirby Park, Wilkes Barre, . July 2016. Organizer, Mentor

Health promotion: **Wellness Fair** for the Hispanic community in Winthrop, IL 2013  
Agency: Partnership with local Clinics and churches, Walgreens Pharmacy, Winthrop, IL 2013

Health Promotion: **Get Well Day** (health screening and health education) for the community of Forest Falls in partnership with local clinics and Health Professionals from Loma Linda University, Forest Falls, Southern California, 2004. Organizers

Health Promotion: **Mobile Clinic activity in the city of Salvador, State of Bahia, Northeast Brazil.**

Adventist Development and Relief Agency (Adra.org) Duration: from 1996-2001. Mentor, organizer, and fundraiser

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

**College-wide**

Dates: December 2020 to Present

Department Committees: Curriculum Assessment Committee, Strategic Planning Committee.

College: Honors Committee (2000-2021)

Arkansas State University, Diversity and Inclusivity Committee, 2020 to Present)

Dates: 2014-2016

Wellness Committee

Dates 2016-2017:

Academic Technology Committee, Misericordia University, Dallas PA

Dates: 2018-2019

Memberships & Chairmanships: Graduate Curriculum Committee. Misericordia University, Dallas, PA

Dates December 2014-2018

Memberships & chairmanships, if applicable : Academic Standards committee / Student Assessment and Program Evaluation Committee. Misericordia University, Dallas, PA

**Continuing Education Attended:**

1. NEJM Knowledge plus. Pain Management and Opioids, Internal Medicine Board Exam Preparation Series. Web-based, case-based. September 2022
2. NEJM Knowledge Plus. Integumentary. Internal Medicine Board Exam Preparation Series. Web-based, case-based. August 2022
3. Webinar: August 29, 2022, Microbiome control of host immunity. International Union of Immunology Societies, Webinar ID: us06web.zoom. Aug 29, 2022 04:00 PM in Amsterdam, Berlin, Rome, Stockholm, Vienna

4. Webinar: The unusual COVID-19 pandemic: the African story, by Dr. Kondwani Jambo. International Union of Immunology Societies. From the series: immunology without Borders Webinar ID: 63977e2f3bc. Berlin, Germany, Feb 28, 2022
5. Clinical Neurology, Neurology Boards Preparation Series. Video series by Dr. Brad Cole, Dept of Medicine, Loma Linda University, Youtube, 2021, web address: <https://www.drneurocole.com/>
6. Presentation: Measuring and Quantifying sympathetic control of Cutaneous microvasculature, by Jody Greaney, PhD., University of Texas at Arlington, in partnership with AD Instruments, July 8 2021.(video lecture)
7. CITI training program ; citi Training on Biomedical Research. May, 2021
8. Mooc: General Pathology, Coursera, 2020, Saint Petersburg State University, Russia,
9. Mooc: Medical Neuroscience, Coursera, 2019 Duke University- Dr. Leonard White
10. EducSise: Cupping therapy for Physical Therapists, 2019
11. PRIME: Lipid Care Guideline Update, 2019
12. PRIME: Pulmonary Hypertension Update and Guidelines, 2019
13. VINDICO: Multidisciplinary Perspectives on Systemic Sclerosis, 2019
14. Med Quest Reviews. Conrad Fisher. Internal Medicine Board Preparation online course Part 1 Web-based. NY, 2018
15. Med Quest Reviews. Conrad Fisher. Step 2 USMLE Preparation course, Web-based, Feb-Oct 2017,
16. THYSICALTHERAPY.COM. Pharmacology for Rehabilitation, February 2017.
17. Mooc by Coursera: The Biology of Cancer. Johns Hopkins University, June 2017
18. Dynamic Learning Group. Differential Diagnosis: When to refer. Web-based, 2016
19. Mooc by Coursera. Medical Neuroscience, Certificate, web-based. Duke University 2014

**Current Teaching Responsibilities in the Entry-Level Program for Academic Year of Site Visit**

Pathophysiology and Differential Diagnosis  
 Human Physiology  
 Psychosocial Issues  
 Evidence-Based Practice Research Methods and Statistics  
 Neuroscience