**CURRICULUM VITAE**

NAME: Becca D. Jordre

DEPARTMENT: Physical Therapy

RANK AND/OR TITLE: Professor

**Education:**

 Doctor of Philosophy in Health Sciences

 University of South Dakota

 December 2021

 Doctorate in Physical Therapy

 Duke University School of Medicine

 May 2002

 Bachelor of Science in Psychology

 University of South Dakota

 May 1999

**Licensure Information:**

South Dakota (1408)

Minnesota (7061)

**Certifications:**

The Otago Exercise Program (2018)

Blood Flow Restriction Rehabilitation (2018)

CITI Protection of Human Research Subjects Certification (2018)

American Red Cross CPR/AED for the Professional Rescuer and the Healthcare Provider (2019)

Certified Exercise Expert for the Aging Adult (Section on Geriatrics, APTA 2013)

Board Certified Clinical Specialist: Geriatric Physical Therapy (ABPTS 2019)

Certified in Mechanical Diagnosis and Therapy of the Spine (Cert MDT) (McKenzie Institute 2005) APTA Clinical Instructor Education & Credentialing Program (October 2009)

**Employment and Positions Held:**

Department of Physical Therapy Core Faculty

Professor

Tenured

University of South Dakota

Vermillion, SD

June 2008-current

PRN Physical Therapist

Athletico, Ltd.

Vermillion, SD

Jan 2022-present

Staff Physical Therapist

PRN

Great Plains Therapy

Vermillion, SD

2008-2018

Staff Physical Therapist

PRN

Aegis Therapies

Yankton, SD

2010-2014

Physical Therapist

Lead Clinician

Big Stone Therapies Inc.

Madison, MN

2007-2008

Physical Therapist

MeritCare Physical Therapy

Bemidji, MN

2002-2007

Physical Therapist

PRN

RehabCare

Bemidji, MN

2005-2007

**Peer Reviewed Publications:**

**Jordre B,** Brisk B, Schweinle W. Keep Them in the Game

Screening for Cardiovascular Disease and Diabetes in Aging Athletes. *Cardiopulm Phys Ther J.* July 2021, 32(3):106-113. doi: 10.1097/CPT.0000000000000148

**Jordre B,** Schweinle W. Hand Grip Strength in Senior Athletes: Normative Data and Community-Dwelling Comparisons. *Int J Sports Phys Ther.* August 2020, 15(4):519-525.

**Jordre B.** Sideline Care of the Senior Athlete. In: Emergency Medical Response for the Athlete. Alexandria, VA: Cogent Steps; 2018.43-57.

**Jordre B**, Schweinle W, Oetjen S, Dybsetter N, Braun M. Fall History and Associated Physical Performance Measures in Competitive Senior Athletes. *Topics in Geriatr Rehabil*.2016; 32(1): 1-16.

Bardhoshi G, **Jordre B**, Schweinle W, Wollersheim Shervey S. Understanding Exercise Practices and Depression, Anxiety and Stress In Senior Games Athletes. *Topics in Geriatr Rehabil*.2016; 32(1): 63-71.

BlyJ, **Jordre B**. Improve Visibility. *Dimens Dent Hyg*. January 2015; 13(1): 18-21.

Schweinle W, **Jordre B**. A Problem with Single-Item Measures in Research.*JPAE*. 2014;25(3):40-41.

**Jordre B**, Schweinle W. Comparing Resisted Hip Rotation to Pelvic Floor Muscle Training in Women with Stress Urinary Incontinence, a Pilot Study. *J Women’s Health Phys Ther*. 2014;28(2):81-89.

**Jordre B**, Bly J. Prevent pain with the right operator stool. *Dimens Dent Hyg*. January 2014; 12(1): 16-18.

Seefeldt TM, Mort JR, Brockevelt B, Giger J, **Jordre B**, Lawler M, Nilson W, Svien L. A pilot study of interprofessional case discussions for health professions students using the virtual world Second Life. *Currents in Pharmacy Teaching and Learning*. 2012;4:224-231.

**Jordre B**, Schweinle W, Beacom K, Graphenteen V, Ladwig A. The Five Times Sit to Stand Test in Senior Athletes. *J Geriatr Phys Ther*. 2013;36(1):47-50.

**Jordre B**, Bly J. Protect your Musculoskeletal Health. *Dimens Dent Hyg*. January 2012; 10(1): 30, 33-34.

**Peer Reviewed Scientific and Professional Presentations:**

Studer M, **Jordre B,** Johnson C, Sattgast J, Barusic P**.** Age On: Maximizing the Performance of the GeriAthlete. American Physical Therapy Association, Academy of Geriatric Physical Therapy, Combined Sections Meeting; 2-day continuing education class. March 2021. Virtual Conference.

**Jordre B,** Nawakowski K, Studer M**.** Get Your Foot in the Door with Competitive Aging Athletes: Developing an Engagement Strategy. American Physical Therapy Association, Academy of Geriatric Physical Therapy, Combined Sections Meeting; Virtual 2-hour educational session; February, 2021.

**Jordre B**, Hettinger M, Nagel C, Newman E, Wilson A, Schweinle W, Ladwig A. Bone Health in Aging Cyclists. American Physical Therapy Association, Academy of Geriatric Physical Therapy, Combined Sections Meeting; Virtual Poster Presentation; February, 2021.

**Jordre B**, Hall A, Hirsch C, Knecht K, Ristau M, Schweinle W. Competitive Aging Cyclists: Variables Associated with Successful Performance. American Physical Therapy Association, Academy of Geriatric Physical Therapy, Combined Sections Meeting; Virtual Poster Presentation; February, 2021.

Thomanschesfsky K, Matlack E, Nofsinger S, Tavernier B, Tuma C, Schmitt J, **Jordre B**. State Senior Games Participants: Analyses of Senior Athlete Fitness Exam Results Related to Fall Risk. American Physical Therapy Association, Academy of Geriatric Physical Therapy, Combined Sections Meeting; Virtual Poster Presentation; February, 2021.

Thomanschesfsky K, Matlack E, Nofsinger S, Tavernier B, Tuma C, Schmitt J, **Jordre B**. State Senior Games Participants: Analyses of Usual and Fast Gait Speed Results. American Physical Therapy Association, Academy of Geriatric Physical Therapy, Combined Sections Meeting; Virtual Poster Presentation; February, 2021.

**Jordre B,** Schweinle W. The Senior Athlete Fitness Exam: A tool for Screening Health and Risk Factors in Aging Athletes. Denver, CO; Poster Presentation; February 2020.

**Jordre B,** Schweinle W, McFarland K, Norman S, Paul J.Aging Swimmers, How Do They Differ from Other Aging Athletes? Denver, CO; Platform Presentation; February 2020.

**Jordre B,** Schweinle W, Deering A, Allen A, Munger J. Walking Speed Reserve As a Screen for Fall Risk and Co-Morbidities in Aging Athletes. Denver, CO; Platform Presentation; February 2020.

**Jordre B,** Schweinle W, Nour K, Loudenslager M, Bolstad T Modifiable Physical Performance Measures Predictive of Success in Competitive Aging Swimmers. Denver, CO; Platform Presentation; February 2020.

MacCabe A, **Jordre B**, Inglis L, Stueven N, Johnson E, Lesser E. Effectiveness of a Protective Stepping Class to Reduce Fall Risk in Community Dwelling Older Adults. APTA CSM Conference; New Orleans, LA; Poster Presentation; February 2018.

**Jordre B**, Schweinle W, Johnson M, OKief A, Pohlman I. Physical Performance Measures in Competitive Senior Archers. IAGG World Congress of Gerontology and Geriatrics; San Francisco, CA; Poster Presentation; July 2017.

**Jordre B**, Schweinle W, Brown J, Lovro C, Wickett B. Flexibility of the Aging Athlete. APTA CSM Conference; San Antonio, TX; Poster Presentation; February 2017.

**Jordre B**, Schweinle W, Sieve J, Baker S, Blackwell M.The Influence of Competitive Sport on Flexibility, Injury and Fall Risk in Aging Athletes. APTA CSM Conference; San Antonio, TX; Poster Presentation; February 2017.

Inglis L, **Jordre B**, Michel C, Wolf C, Okine M. The Effectiveness of Group-Based Training for Protective Stepping on Dynamic Balance In Older Adults: a Pilot Study. ExPAAC; Indianapolis, IN; Poster Presentation; July 2016.

Brisk B, **Jordre B**, Schweinle W. Cardiovascular Disease, Diabetes and Anthropometric Measures in Competitive Senior Athletes. ExPAAC; Indianapolis, IN; Poster Presentation; July 2016.

**Jordre B**, Schweinle W, Barber L, Divine E, Kling K. The influence of Exercise Training on Gait Speed in Senior Athletes. ExPAAC; Indianapolis, IN; Poster Presentation; July 2016.

**Jordre B**, Schweinle W, Bosma M, O’Neil K, Vance C. Gait Speed and Chronic Disease in Senior Athletes. APTA CSM Conference; Anaheim, CA; Platform Presentation. February 2016

Zimney K, **Jordre B**, Inglis L, Peterson A, Way A, Richey J, Ebke W. Utilization of Sensory Discrimination Training for Improving Balance and Function in an Older Adult: A Case Report. APTA CSM Conference; Anaheim, CA; Poster Presentation; February 2016.

Berg-Poppe P, Lund R, Stephenson C, **Jordre B**, Minnaert A, Rausch E. Quality of life for pediatric patients with daytime urinary incontinence. APTA CSM Conference; Anaheim, CA; Poster Presentation; February 2016.

**Jordre B**, Schweinle W, Aiken T, Berentschot B, LeMaster N. Grip Strength in Senior Athletes.

APTA CSM Conference; Indianapolis, IN; Poster Presentation; February 2015.

**Jordre B**, Schweinle W, Kopriva I, Carlson J, McMahon M. Forward Head Posture and Shoulder Flexibility in Senior Athletes. APTA CSM Conference; Indianapolis, IN; Poster Presentation; February 2015.

**Jordre B**, Schweinle W, Cross P, Kasuske N, Oetjin S, Braun, M. Predicting Falls in Senior Athletes. APTA CSM Conference; Las Vegas, NV; Platform Presentation; February 2014.

**Jordre B**, Schweinle W, Cross P, Sobotka N, Hunhoff L, Olson C. Screening for Cardiovascular Risk Factors in Senior Athletes. APTA CSM Conference; Las Vegas, NV; Platform Presentation; February 2014.

**Jordre B**, Schweinle W, Ladwig A, Graphenteen V, Beacom K. Fitness Screening for Senior Games Athletes. APTA CSM Conference; San Diego, CA; Educational Session – 2 hour; January 2013.

**Jordre B**, Schweinle W, Rasmussen J, Woodruff E, Liming N. Resisted hip rotation versus pelvic floor muscle training in the treatment of female stress urinary incontinence, a randomized clinical trial. APTA CSM Conference; Chicago, IL; Platform Presentation; February 2012.

**Jordre B**, Schweinle A, Iverson JN, Bures JE, Williams PA. Restorative Care: Current Trends and the Involvement of Physical Therapists. APTA CSM Conference; New Orleans, LA; Poster Presentation; February 2011.

**Invited Presentations:**

**Jordre B.** Physical Activity, Overcoming the Barrier of Age. Lessons Learned from Senior Athletes; Invited speaker for University of South Dakota Interprofessional Learning Conference. October 26, 2019.

**Jordre B.** The Senior Athlete Fitness Exam (SAFE): a tool for screening high-functioning aging athletes; Invited speaker for Iowa Physical Therapy Association Fall Conference. 3 hour CE. October 25, 2019; DesMoines, IA.

**Jordre B.** What is Possible with Active Aging? Lessons Learned from Senior Athletes; Invited speaker for Exercise is Medicine, Poland. October 19, 2019; Warsaw, Poland.

**Jordre B.** Intergenerational Session; Invited speaker for National Senior Games Olympic Day. June 19, 2019; Albuquerque, NM.

**Jordre B.** The Senior Athlete Fitness Exam. Invited speaker for the Functional Aging Summit. June 15,2019; Albuquerque, NM.

**Jordre B.** How Hold is Too Old? Invited speaker for Northland Regional Chapter of the American College of Sports Medicine (NASCM), Brookings, SD. October 12, 2018.

**Jordre B.** Injury Prevention and Treatment for the Senior Athlete; Invited speaker for the Minnesota American Physical Therapy Association Spring Conference. 2 hour CE. April 2015; Minneapolis, MN.

**Jordre B.** Screening Senior Athletes with the Senior Athlete Fitness Exam. Invited speaker for the Minnesota American Physical Therapy Association Spring Conference. 2 hour CE. April 2015; Minneapolis, MN.

**Jordre B.** Functional Testing and Treatment of a Geriatric Population. Six hour invited continuing education session for Big Stone Therapies Inc. December 2011; Ortonville, MN.

**Jordre B, Bly J.** Ergonomics, Injury Prevention and Healthy Choices for Dental Hygienists. Continuing education presentation for South Dakota Dental Hygienists’ Association. October 2008; Sioux Falls, SD.

**Funded/In Review Grant Activity:**

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| --- | --- |
| Authorship/Participation: | Janet Popp/Co-Principal, **Jordre B/Co-Principal** |
| Amount: | $10,000 |
| Nature of Project: | Funds the development and printing of educational materials for senior athletes at the 2019 National Senior Games as well as branded giveaways to promote the profession of physical therapy. |
| Date: | October 2018 |
| Source: | 2018 American Physical Therapy Association Component Grant for Physical Activity, Exercise and Health Promotion  |

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| --- | --- |
| Authorship/Participation: | Nissen R/Principal, **Jordre B/Co-Principal**, Lucas Molitor W/Co-Principal |
| Amount: | $500 |
| Nature of Project: | Funds partially supported purchase and training for the Virtual Dementia tour, a tool for simulation of dementia.  |
| Date: | February 2018 |
| Source: | Center for Teaching and Learning Mobile Computing Initiative Grant |

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| --- | --- |
| Authorship/Participation: | **Jordre B/** Principal, Schweinle W. |
| Amount: | $4,590 |
| Nature of Project: | Funds partially supported equipment, travel and development of the project: *Developing the Senior Athlete Fitness Exam (SAFE) for National Senior Games Athletes* |
| Date: | March 2014 |
| Source: | USD School of Health Sciences Research Seed Grant |

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| --- | --- |
| Authorship/Participation: | Carlson J/Principal, **Jordre B**. |
| Amount: | $500 |
| Nature of Project: | Funds partially supported student travel for *National Senior Games Athlete Screening* |
| Date: | June 2013 |
| Source: | USD Center for Academic Engagement, Service-Learning MiniGrant |

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| --- | --- |
| Authorship/Participation: | **Jordre B/**Principal. |
| Amount: | $3489 |
| Nature of Project: | Funds fully supported *iPads to Support DPT Classroom Instruction* |
| Date: | January 2012 |
| Source: | USD Health Affairs Medical Informatics Committee |

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| --- | --- |
| Authorship/Participation: | **Jordre B/**Principal. |
| Amount: | $1431 |
| Nature of Project: | Funds fully supported *Electrical Outlets to Support Student Laptops in DPT Classroom* as the classroom in the building was lacking outlets. |
| Date: | January 2012 |
| Source: | USD Health Affairs Medical Informatics Committee |

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| Authorship/Participation: | **Jordre B/**Principal. |
| Amount: | $730 |
| Nature of Project: | Funds partially supported supplies and travel for *National Senior Games Screening* |
| Date: | March 2011 |
| Source: | USD Center for Teaching and Learning, Teaching Improvement Grant |

**Current/Active Research Activity:**

Project Title: Lower Extremity Power and Movement Velocity in Older Athletes

Authorship: Becca Jordre, William Schweinle, Brandon Ness, Soonhee Roh, Cody Sipe

Nature: Scholarship of Discovery

Funding: USD PT Department

Project Title: The Senior Athlete Fitness Exam: A new tool for assessing high functioning older adults

Authorship: Becca Jordre, William Schweinle

Nature: Scholarship of Discovery

Funding: USD PT Department

Project Title: Gait Speed, Cognition and Associated Variables in Aging Athletes

Authorship: Becca Jordre, Sue Leach, Deborah Doerfler

Nature: Scholarship of Discovery

Funding: USD PT Department

**Membership in Scientific/Professional Organizations:**

American Physical Therapy Association, South Dakota Chapter

1999-Present

APTA Geriatric Section

2008-Present

APTA Education Section

2008-2016, 2020-Present

APTA Women’s Health Section

2009-2015

APTA Sports Section

2018-Present

**Consultative and Advisory Positions Held:**

Foundation Trustee

National Senior Games Association

2017-2020

Textbook Reviewer - Documentation in Physical Therapy.

Jones and Bartlett

November 2011

Textbook Reviewer - Geriatrics: Evidence-Based Rehabilitation-Proposal

F.A. Davis.

March 2012

Textbook Reviewer - Measurement of Joint Motion: A Guide to Goniometry, 4th Ed.

F.A. Davis.

March 2012

Textbook Reviewer - Manual Muscle Testing Proposal.

F.A. Davis.

August 2015

Peer Reviewer

Canadian Journal on Aging

April 2016-present

Peer Reviewer

Journal of Manual and Manipulative Therapy

September 2013-present

Peer Reviewer

BMC Geriatrics

November 2014-present

Peer Reviewer

Dimensions of Dental Hygiene

Feb 2014-present

Peer Reviewer

Integrated Blood Pressure Control

Jan 2014-present

Sentinel Reader

MORE Rehab

2013-present

Conference Reviewer

International Association of Gerontology and Geriatrics Conference

2016

**Community Service:**

Task Force Chair

APTA Geriatrics/NSGA

September 2021-December 2024

Secretary

Global Health for Aging Adults Special Interest Group of APTA Geriatrics

December 2020-present

Physical Therapy Advisory Committee Member

South Dakota Board of Medical and Osteopathic Examiners

November 2020-present

Task Force Chair

APTA Geriatrics/NSGA Task Force

October 2018-December 2020

Health Intern Mentor

United Church of Christ Congregational, Vermillion, SD

August 2017 – present

Wellness Chair

Parent Teacher Organization, Vermillion, SD

May 2012 – 2019

South Dakota Physical Therapy Association Public Relations Board Member

2009-present

Sioux Falls Community Clinic, pro bono care

2013-2014

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

**University-wide**

Coordinator of Interdisciplinary Active Generations Health Fair, Sioux Falls, SD

2016 – present

Kinesiology and Sport Management Search Committee Member (2 positions)

Fall 2018-Spring 2019

University Senate

2013-2017

Honors Thesis Committee Chair

Jenna Mammenga

Topic: Sport Motivation in Senior Athletes

Defended: April 2018

Honors Thesis Committee Chair

Alicia Bellefeuille

Topic: Effects of Diabetes Mellitus on Upper Extremity Function in Senior Athletes

Defended: April 2018

Pathways Mentor for Sanford School of Medicine Student

Brody Brisk

Topic: Cardiovascular Health in Senior Athletes

Manuscript in press

Honors Thesis Committee Member

K Wempe

Topic: Conservative Interventions for Chronic Pain

Defended March 2013

Coyote Mentor to incoming freshman

2012-2013

Tiospaye Powwow Health Screening

2012-2013

IDEAfest Moderator

March 2019, 2015, 2014, 2012

Honors Thesis Committee Member

L Davies

Topics: Age-Related Differences in Website Search Strategies

Defended: April 2008

**School**

Occupational Therapy Chair Search Committee Member

January 2020-April 2020

USD School of Health Sciences Strategic Planning Department Champion

January 2020- April 2020

Interdisciplinary Education Workshop, actor

October 2019, 2020

School of Health Science Promotion and Tenure Committee

January 2015 – April 2019

Know Your Numbers Health Fair Screening Coordination and Supervision

February 2012-February 2013

HealthCare Medical Informatics Committee Member

2012-2015

New Faculty Mentor – Brandon Ness, PT, DPT, SCS

2015

New Faculty Mentor – Kory Zimney, PT, CSMT

2013

New Faculty Mentor – Laurie Lind, MS, OTR/L

2012

Generational Differences Speaker to Year I Med/PT/OT/PA Students

2013-2018

Generational Differences Panel Member, “Gen X”

2008-2013

School of Health Sciences Senior Secretary Search Committee Member

2012

SOCW 592 Social Work Practice with Aging Persons, guest lecture

2010-2011

**Department**

Chair

Physical Therapy Faculty Search Committee

September 2021-present

New Faculty Mentor

July 2021-present

Physical Therapy Faculty Search Committee Member

January 2020-June 2020

Physical Therapy Faculty Search Committee Member

Fall 2019

Physical Therapy Faculty Search Committee Member

Spring 2019

Supervisor of Student Learning Clinic

2017-present

Physical Therapy Faculty Search Committee Chair

2013-2015

Task force member on department mission and vision and strategic plan

2013-2018

Physical Therapy Admissions Co-Chair

2008-2011

Physical Therapy Admissions Chair

2011-present

tDPT Admissions Chair

2009-2019

**Honors and Awards:**

School of Health Sciences Faculty Research Achievement Award

University of South Dakota School of Health Sciences

April 2015

National Healthcare Career Network (NHCN) Scholarship

March 2010

**Continuing Education Attended:**

STEADI: Empowering Healthcare Providers to Reduce Fall Risk. December 2021

Combined Sections Meeting of the American Physical Therapy Association. Online. February 2021

Combined Sections Meeting of the American Physical Therapy Association. Denver, CO. February 2020

The PDPM Final Countdown: What’s on Your Checklist?-Ellen Strunk. December 2019

The Patient Driven Payment Model (PDPM): What Does it Mean for Skilled Nursing Facilities?-Ellen Strunk. December 2019

The Eclectic Approach to TMD Part A: An Overview – Erson Religioso, Medbridge. October 21, 2018

Medical Screening and Clinical Decision Making – Michael Fink, Medbridge. July 13, 2018.

Review of Systems: Gastrointestinal, Hepatic/Biliary, Urogenital – Michael Fink, Medbridge. July 12, 2018

The Otago Exercise Program: Falls Prevention Training – certification course. July 12, 2018

Blood Flow Restriction Rehabilitation: Owens Recovery Science – PBFR certification course. April 22, 2018.

Using Motivational Interviewing to Improve Health Outcomes Among Older Adults. March 7, 2018

IAGG World Congress of Gerontology and Geriatrics; San Francisco, CA. July 2017

Combined Sections Meeting of the American Physical Therapy Association. San Antonino, TX. February 2017

APTA Self Study Workshop. February 2016

Combined Sections Meeting of the American Physical Therapy Association. Anaheim, CA. February 2016

Rehab for Total Joint Replacements: From Shoulder to Hip to Knee. Allied Health Education. On-demand Webinar. September 2016

Exercise and Physical Activity in Aging Conference (ExPAAC II) Blending Research and Practice. Indianapolis, IN. July 2016

Combined Sections Meeting of the American Physical Therapy Association. Indianapolis, IN. February 2015

Implementing ICD-10 Diagnostic Codes. The American Physical Therapy Association, online. November 2015

Combined Sections Meeting of the American Physical Therapy Association. Las Vegas, NV. February 2014

Part A: Lumbar Spine The McKenzie Method of Mechanical Diagnosis and Therapy. The McKenzie Institute, Maple Grove, MN. September 2014.

2013 Combined Sections Meeting of the American Physical Therapy Association. San Diego, CA. February 2013.

**Current Teaching Responsibilities in the Entry-Level Program for 2021-2022:**

***Fall Courses:***

PHTH 701 – Introduction to Patient/Client Management (Course Coordinator)

PHTH 732 – Musculoskeletal Physical Therapy II (spine) (Lecturer)

PHTH 734 – Neuromuscular Physical Therapy I (Lecturer)

PHTH 736 – Cardiovascular/Pulmonary Physical Therapy (Lecturer)

PHTH 787 – Research Project in the Health Sciences (Instructor)

***Spring Courses:***

PHTH 710 – Movement Science (Lecturer)

PHTH 718 – Pathophysiology and Differential Diagnosis of Musculoskeletal Conditions (Course Coordinator)

PHTH 742 – Geriatric Physical Therapy (Course Coordinator)

PHTH 744 – Neuromuscular Physical Therapy II (Lecturer)

PHTH 786 – Research Proposal in Health Sciences (Lecturer)

PHTH 787 – Research Project in the Health Sciences (Instructor)

***Summer Courses:***

PHTH 714 – Integumentary Physical Therapy I (Course Liaison)

PHTH 720 – Pathophysiology and Differential Diagnosis of Cardiovascular, Pulmonary and other Systems (Lecturer)

PHTH 722 – Pathophysiology and Differential Diagnosis of Neuromuscular Conditions (Lecturer)

PHTH 756 – Clinical Competence in Patient Management (Course Coordinator)