CURRICULUM VITAE

Jane M. Eason, Ph.D., PT Professor Department of Physical Therapy School of Allied Health Professions Louisiana State University Health Sciences Center 1900 Gravier St. New Orleans, LA 70112 (504-568-4288) jeason@lsuhsc.edu

Education and Training

1996	Ph.D.	University of Florida, Gainesville, FL, Exercise Physiology
1983	M.S.	Louisiana State University, Baton Rouge, LA, Community Health & Cardiac Rehabilitation
1979	B.S.	Louisiana State University Health Sciences Center, New Orleans, LA, Physical Therapy

Professional Experience/Employment History

7/17 – present	Professor, Louisiana State University Health Sciences Center, Department of Physical Therapy, New Orleans, LA.
5/11-present	Department Head, Louisiana State University Health Sciences Center Department of Physical Therapy, New Orleans, LA.
8/10-5/11	Interim Department Head, Louisiana State University Health Sciences Center Department of Physical Therapy, New Orleans, LA.
7/01-7/17	Associate Professor, Louisiana State University Health Sciences Center Department of Physical Therapy, New Orleans, LA. Teach entry level courses in physical therapy and graduate courses in the MHS curriculum.
8/98-6/01	Assistant Professor, Louisiana State University Health Sciences Center Department of Physical Therapy, New Orleans, LA. Teach entry level courses in physical therapy.
8/96-7/98	Post-doctoral research associate, Emory University Department of Cell Biology Atlanta, GA Lab of Arthur W. English, Ph.D. Involved in research examining myosin heavy chain expression as a consequence of sexual dimorphism. Learned techniques in animal surgery, histochemistry, immunohistochemistry, SDS-PAGE electrophoresis and Western Blotting.
7/92-7/96	Tacachale (University of Florida) Provide physical therapy services to developmentally challenged adults.
8/91-8/96	Graduate Assistant, University of Florida, College of Health and Human Performance Instruct undergraduate anatomy lab and physiology labs. Provide numerous lectures to undergraduate and graduate physiology classes.

8/90-7/91	Graduate Assistant, Louisiana State University, Department of Kinesiology Instruct CPR and First Aid courses.
1/89-7/90	PRN Rehab Agency, Inc. McLean, VA Provided physical therapy services as an independent contractor to various medical facilities in the Baltimore/ Washington, DC area.
4/88-1/89	Maryland Institute of Emergency Medical Services Systems (MIEMSS) Baltimore, MD Supervisor of physical therapy services to critically ill and trauma patients in the Critical Care and Intensive Units.
8/83-3/88	Providence Heart Institute Columbia, SC Exercise specialist for a Phase I, II and III Cardiac Rehabilitation Program.
7/79-7/81	Charity Hospital of Louisiana New Orleans, Louisiana Staff physical therapist and Assistant Director of the Outpatient Physical Therapy Department.

Certification/Licensure

1979-present Louisiana Board of Physical Therapy Examiners. License #	#00360.
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Professional Organization Memberships

1979-present	American Physical Therapy Association Education Section Member: 1998 - present Research Section Member: 1998 - 2020 Cardiovascular and Pulmonary Section Member: 1983 – present Acute Care Section: 2013 – present Pediatrics Section: 1999 – 2005
1979-1983;	Louisiana Physical Therapy Association

1998-present

Publications

Books, Book Chapters, and Monographs

- Eason JM. (2006) Cardiovascular physiology during exercise and training. In SP Brown, WA Miller, JM Eason (Eds.), *Exercise Physiology: Basis of Human Movement in Health and Disease.* (pp. 161-194). Baltimore, MD: Lippincott Williams & Wilkins.
- Eason JM. (2006) Neuroanatomy and neuromuscular control of movement. In SP Brown, WA Miller, JM Eason (Eds.), *Exercise Physiology: Basis of Human Movement in Health and Disease*. (pp. 217-246). Baltimore, MD: Lippincott Williams & Wilkins.
- Eason JM. (2006) Skeletal muscle architecture and contraction. In SP Brown, WA Miller, JM Eason (Eds.), *Exercise Physiology: Basis of Human Movement in Health and Disease*. (pp. 247-269) Baltimore, MD: Lippincott Williams & Wilkins.
- Eason JM. (2006) Muscle mechanics during activity. In SP Brown, WA Miller, JM Eason (Eds.), Exercise Physiology: Basis of Human Movement in Health and Disease. (pp. 270-286). Baltimore, MD: Lippincott Williams & Wilkins.

Eason JM. (2000). Cardiac rehabilitation. In *Physical Therapist's Clinical Companion* (pp. 249-262). Springhouse, PA: Springhouse Corporation.

Refereed Publications

Journal Articles

Harrison-Bernard LM, Naljayan MV, **Eason JM**, Gunaldo TP. (2017). Effectiveness of interprofessional education in renal physiology curricula for health sciences graduate students. *Advances in Physiology Education*. 41:594-598.

Power MM, Henning DL, Stafford CP, Eason, JM. (2017). A comparison of energy expenditure across 3 gaming platforms using an activity-based dance game. *Cardiopulm Phys Ther* J. 27:108-114..

Eason JM, York A, LeJeune C, Norris S. (2016). A comparison of energy expenditure between a dance based group fitness class and a dance based video game on the Xbox Kinect. *Cardiopulmonary Physical Therapy Journal.* 27:62-67.

Lopes A, Ferreira M, Silva F, Pereira S, **Eason J**. (2013). Effect of a hydrotherapy program on pulmonary function in individuals with ankylosing spondylitis. *Journal of Aquatic Physical Therapy*. 21(1):2-7.

Sivaranjini S, Vanamail P, **Eason J**. (2010). Six minute walk test in people with tuberculosis sequelae. *Cardiopulmonary Physical Therapy Journal.* 21(3):5-10.

Bowers S, Cannizzaro K, Gregus J, Scott Q, **Eason J**. *Research Corner*. Outcomes in cardiopulmonary physical therapy: Sickness Impact Profile. (2009). *Cardiopulmonary Physical Therapy Journal*. 20(1):19-24.

Charlet A, Rupley L, Meyers K, Johnson K, **Eason J**. Research Corner: Outcomes in cardiopulmonary physical therapy: Chronic Respiratory Disease Questionnaire (CRQ). (2008). *Cardiopulmonary Physical Therapy Journal*. 19(2):70-76.

Snyder P, **Eason JM**, Philibert D, Ridgway A, Jenkins T. Concurrent validity of the Alberta Infant Motor Scale (AIMS) and the Peabody Developmental Motor Scales II (PDMS II). (2008). *Physical Therapy and Occupational Therapy in Pediatrics*. 28(3):267-282.

Molina PE, Zambell KL, Norenberg K, **Eason**, J, Phelan H, Zhang P, Vande Stouwe, C, Carnal JW, Porreta C. (2004). Consequences of alcohol-induced early dysregulation of responses to trauma/hemorrhage. *Alcohol*. 33:217-227.

Eason JM, Kluess HL, Nelson AG. (2003). Cardiac myosin phenotype remodeling following adrenodemedullectomy and chronic 6-OHDA in male Sprague-Dawley rats. *Experimental and Clinical Cardiology*. 8:139-142.

Eason JM, Dodd SL, Powers SK. (2003). Use of anabolic steroids to attenuate the effects of glucocorticoids on the rat diaphragm. *Physical Therapy*. 83:29-36.

Eason JM, Schwartz G, Shirley KA, English AW. (2000). Investigation of sexual dimorphism in the rabbit masseter muscle showing different effects of androgen deprivation in adult and young adult animals. *Archives of Oral Biology.* 45:863-690.

Eason JM, Schwartz GA, Pavlath GK, English AW. (2000). Sexually dimorphic expression of myosin heavy chains in the adult mouse masseter. *Journal of Applied Physiology*. 89:251-258.

Eason JM, Dodd SL, Powers SK, Martin AD. (2000). Detrimental effects of short-term glucocorticoid use on the rat diaphragm. *Physical Therapy* 80:160-167.

English AW, **Eason J**, Schwartz G, Shirley A, Carrasco DI. (1999). Sexual dimorphism in the rabbit masseter muscle: myosin heavy chain composition of neuromuscular compartments. *Cells, Tissues, Organs.* 164:179-191.

Eason JM. (1999). Cardiopulmonary assessment. Cardiopulmonary Physical Therapy. 10:135-142.

English, AW, **Eason J**, Pol M, Schwartz G, Shirley A. (1998). Different phenotypes among slow/beta myosin heavy chain-containing fibres of rabbit masseter muscle: a novel type of diversity in adult muscle. *Journal of Muscle Research and Cell Motility*. 19:525-535.

Dodd S, Powers S, Vrabas I, **Eason J**. (1995). Interaction of glucocorticoids and activity patterns affect muscle function. *Muscle & Nerve*. 18:190-195.

Abstracts

Falgoust BJ, Handwerger B, Rouly L, Blaha O, Pontiff M, **Eason, JM**. (2018). Accuracy of wearable activity monitors in the measurement of step count and distance. *Cardiopulmonary Physical Therapy Journal*. 27:35.

Baldwin B, Chatham C, Mayeux P, **Eason, JM**. (2018). Reliability and validity of the Instant Heart Rate App in healthy populations. *Cardiopulmonary Physical Therapy Journal*. 29:37.

Pontiff M, **Eason J**, Hoang T. (2017). Normative values for the Y balance test in healthy, active young adults. *Journal of Orthopedic and Sports Physical Therapy*. 47(1):A58.

Eason JM, York A, LeJeune C, Norris S. (2016). A comparison of energy expenditure and heart rate response between a dance-based group fitness class and a dance-based video game on the Xbox KinectTM. *Cardiopulmonary Physical Therapy Journal*. 27:22.

Bean J, Breaux G, Fanning M, Hymel E, Kinler E, Monti D, Rome B, Schiro E, Wilkerson L, **Eason J**, Snyder P, Philibert D. (2004). Concurrent validity of the Alberta Infant Motor Scale (AIMS) and the Peabody Developmental Motor Scales II (PDMS II). *Pediatric Physical Therapy*. 16:49.

Reid WD, **Eason JM**. (2004). Hypothesis-oriented case study instruction – Acute exacerbation of asthma in a sports medicine setting. *Cardiopulmonary Physical Therapy Journal*. 14:26.

Eason, JM, Vande Stouwe, Norenberg K, Molina P. (2003). Differential time-dependent effects of alcohol on alveolar and spleen macrophage TNF production. *Alcoholism: Clinical & Experimental Research* 27(5)P190.

Eason JM, Liu J, Vande Stowe C, Molina PE. (2002). Acute alcohol intoxication prior to hemorrhage shock disrupts noradrenergic regulation of spleen TNF responses. *The FASEB Journal*. 16(4):A128.4.

Kluess H, **Eason JM**, Nelson AG. (2002). Cardiac myosin phenotype remodeling following chemical and chronic 6-OHDA in male Sprague-Dawley rats. *Medicine & Science in Sports and Exercise*. 34:S1606.

Eason, JM, Shepherd RE, Molina PE, Bagby GJ. (2001). Protective effect of sympathetic nervous system against unaccustomed eccentric contraction-induced muscle damage. *The FASEB Journal*. 15(4):A385.13.

Prisby RD, Reyes RA, **Eason JM**. (2001). Criteria for assessing skeletal muscle damage from electron micrographs. *Medicine & Science in Sports and Exercise*. 33:S123.

Eason JM, Schwartz GA, Pavlath GK, Wigston DJ, English AW. (1997). Sexual dimorphism in myosin isoform expression in the adult mouse masseter muscle. *Society for Neuroscience Abstracts*. 23(pt2):1833.

English A, Pol M, **Eason J**. (1997). Diversity of slow myosin heavy chain isoforms in adult rabbit masseter muscle. *The FASEB Journal*. 11(3):A200.

Eason J, Dodd S, Powers S, Martin A, Stainsby W. (1997). Early decrease in diaphragm specific tension due to administration of glucocorticoids. *The FASEB Journal*. 11(3):A54.

Eason J, Stetson D, Dodd S. (1995). Hypertrophic response of diaphragm muscle to the β -agonist, clenbuterol. *ICHPER Compendium*, P62.

Eason J, Dodd S, Powers S, Stetson D, Norenberg K. (1994). Antagonism of glucocorticoid-induced dysfunction in rat diaphragm with testosterone. *Medicine & Science in Sports and Exercise*. 26(5):S193.

Dodd S, **Eason J**, Powers S, Stetson D. (1994). Clenbuterol antagonizes the effects of glucocorticoids on diaphragm. *Medicine & Science in Sports and Exercise*. 26(5):S193.

Eason J, Dodd S, Vrabas I, Powers S. (1993). Glucocorticoid-induced alterations in isotonic contractions of the rat diaphragm. *Medicine & Science in Sports and Exercise*. 25(5):S177.

Vrabas I, Dodd S, **Eason J**, Powers S. (1993). The effects of glucocorticoids on contractile properties of rat skeletal muscle in situ. *Medicine & Science in Sports and Exercise*. 25(5):S177.

Dodd S, Vrabas I, **Eason J**, Powers S. (1992). Interaction of Q and O₂ delivery on VO₂ max and tension development in contracting skeletal muscle. *Medicine & Science in Sports and Exercise*. 24(5):A316.

Non-referred Publications

Eason JM, LaPier T. (2000). The "how to" of writing and submitting an abstract. *Cardiopulmonary Physical Therapy Journal.* 11:105-108.

Eason JM, Page P. (2000). Writing case reports. GeriNotes. 7:18-19.

Professional Presentations

Invited Lectures

- 10/2012 **Eason J.** "Teaching Evidence-based Practice in a Physical Therapy Curriculum". Delivered as part of an Inter-Professional Panel on research at the Cheryl Sanders Memorial Research Day: Using Evidence to Drive Outcomes sponsored by East Jefferson General Hospital.
- 5/2005 **Eason J**. Literature review regarding effectiveness of calcitonin in the treatment of osteopenia in children. "Treatment for Osteopenia in Children with Physical Disabilities" American Academy for Cerebral Palsy and Developmental Medicine. New Orleans, LA.

Oral/Platform Presentations at Professional Meetings

10/2020 Field S, Luscy C, Migliore C, Smith N, Spriggs J, **Eason JM**. Comparison of functional outcomes of direct anterior versus posterior lateral total hip arthroplasty: A retrospective chart review. APTA Louisiana Fall Meeting. Virtual presentation.

- 2/2018 Falgoust BJ, Handwerger B, Rouly L, Blaha O, Pontiff M, **Eason, JM**. Accuracy of wearable activity monitors in the measurement of step count and distance. American Physical Therapy Association Combined Sections Meeting. New Orleans, LA.
- 2/2016 **Eason JM**, York A, LeJeune C, Norris S. A comparison of energy expenditure between a dance based group fitness class and a dance based video game on the Xbox Kinect[™]. American Physical Therapy Association Combined Sections Meeting. Anaheim, CA.
- 10/2014 Manal TJ, Kirk-Sanchez N, Fulk G, Elrod CS, Blackinton M, Manske R, **Eason JM**, Westcott McCoy S. PTNow.org: Writing and reviewing and teaching to advance knowledge to action. Educational Leadership Conference Annual Meeting, Kansas City, KS.
- 9/2014 Powers M, Stafford C, Henning D, **Eason J**. A comparison of energy expenditure across three gaming platforms using an activity based dance game. Louisiana Physical Therapy Association Fall Meeting, Baton Rouge, LA.
- 2/2005 **Eason JM**, LaPier TK. Writing Cardiopulmonary and Vascular Case Reports Across Practice Settings- A "How To" Guide. American Physical Therapy Association Combined Sections Meeting. New Orleans, LA.
- 2/2004 Reid WD, **Eason JM**. Hypothesis-oriented case study instruction Acute exacerbation of asthma in a sports medicine setting. American Physical Therapy Association Combined Sections Meeting. Nashville, TN.

Poster Presentations at Professional Meetings

2/2018 Baldwin B, Chatham C, Mayeux P, Eason, JM. Reliability and validity of the Instant Heart Rate App in healthy populations. American Physical Therapy Association Combined Sections Meeting. New Orleans, LA. 2/2017 Pontiff M, Eason J, Hoang T. Normative values for the Y balance test in healthy, active young adults. Poster presentation American Physical Therapy Association Combined Sections Meeting. San Antonio, TX. 10/2010 Garbee D, Bennett M, Eason J, Nelson K, Kroll P, Sterling Y. Doctoral colloquia for Doctor of nursing and Doctor of physical therapy students. Educational Research Day, Academy for the Advancement of Educational Scholarship, LSUHSC, 2010. 9/2004 Cochran B, Delaune B, Fontenot E, Haffner M, Schroeder D, Boyter L, Eason J. The use of Tubi-Grip® in the management of a chronic venous ulcer – a case study. The 8th Annual Wound Care Congress. New Orleans, LA. 2/2004 Bean J, Breaux G, Fanning M, Hymel E, Kinler E, Monti D, Rome B, Schiro E, Wilkerson L. Eason J. Snyder P. Philibert D. Concurrent validity of the Alberta Infant Motor Scale (AIMS) and the Peabody Developmental Motor Scales II (PDMS II). Nashville, TN. 6/2003 Eason JM, Vande Stouwe, Norenberg K, Molina P. Differential time-dependent effects of alcohol on alveolar and spleen macrophage TNF production. Research Society on Alcoholism Annual Meeting. Ft. Lauderdale, FL. 4/2002 **Eason JM**, Liu J, Vande Stowe C, Molina PE. Acute alcohol intoxication prior to hemorrhage shock disrupts noradrenergic regulation of spleen TNF responses. Experimental Biology Annual Meeting. New Orleans, LA.

5/2002	Kluess H, Eason JM , Nelson AG. (2002). Cardiac myosin phenotype remodeling following chemical and chronic 6-OHDA in male Sprague-Dawley rats. American College of Sports Medicine Annual Conference. Indianapolis, IN.
4/2001	Eason, JM , Shepherd RE, Molina PE, Bagby GJ. Protective effect of sympathetic nervous system against unaccustomed eccentric contraction-induced muscle damage. Experimental Biology Annual Meeting. Orlando, FL.
5/2001	Prisby RD, Reyes RA, Eason JM . (2001). Criteria for assessing skeletal muscle damage from electron micrographs. American College of Sports Medicine Annual Conference. Baltimore, MD.
11/1997	Eason JM , Schwartz GA, Pavlath GK, Wigston DJ, English AW. Sexual dimorphism in myosin isoform expression in the adult mouse masseter muscle. Society for Neuroscience Annual Meeting. New Orleans, LA
4/1997	English A, Pol M, Eason J . Diversity of slow myosin heavy chain isoforms in adult rabbit masseter muscle. Experimental Biology Annual Meeting. New Orleans, LA.
4/1997	Eason J , Dodd S, Powers S, Martin A, Stainsby W. Early decrease in diaphragm specific tension due to administration of glucocorticoids. Experimental Biology Annual Meeting. New Orleans, LA.
4/1995	Eason J , Stetson D, Dodd S. Hypertrophic response of diaphragm muscle to the β-agonist, clenbuterol. <i>ICHPER Compendium</i> , P62.
5/1994	Eason J , Dodd S, Powers S, Stetson D, Norenberg K. Antagonism of glucocorticoid- induced dysfunction in rat diaphragm with testosterone. American College of Sports Medicine Annual Conference. Indianapolis, IN.
5/1994	Dodd S, Eason J , Powers S, Stetson D. Clenbuterol antagonizes the effects of glucocorticoids on diaphragm. American College of Sports Medicine Annual Conference. Indianapolis, IN.
5/1993	Eason J , Dodd S, Vrabas I, Powers S. Glucocorticoid-induced alterations in isotonic contractions of the rat diaphragm. American College of Sports Medicine Annual Conference. Seattle, WA.
5/1993	Vrabas I, Dodd S, Eason J , Powers S. The effects of glucocorticoids on contractile properties of rat skeletal muscle in situ. American College of Sports Medicine Annual Conference. Seattle, WA.
4/1993	Dodd S, Powers S, Eason J , Herb R. The effects of glucocorticoids on contractile function of the diaphragm. Experimental Biology. New Orleans, LA.
5/1992	Dodd S, Vrabas I, Eason J , Powers S. Interaction of Q and O_2 delivery on VO_2 max and tension development in contracting skeletal muscle. American College of Sports Medicine Annual Conference. Dallas, TX.

Awards, Prizes, Lectureships

Champion of Physical Therapy Award, Louisiana Physical Therapy Association.
Dave Warner Distinguished Service Award, Louisiana Physical Therapy Association.
Merit Award for Outstanding Service, Cardiovascular and Pulmonary Section, American Physical Therapy Association.
Dr. Allen A Copping Award for Excellence in Teaching.
Outstanding Peer-Reviewed Journal Award. Awarded by the American Physical Therapy Association to the Cardiovascular & Pulmonary Physical Therapy Section for the Cardiopulmonary Physical Therapy Journal. Jane Eason, Editor-in-Chief.

Contributions to Refereed Publications

2013 - 2015	Associate Editor, Cardiovascular & Pulmonary Clinical Summaries Section, PTNow.
2002-2008	Editor-in-Chief, Cardiopulmonary Physical Therapy Journal.
2000	Guest editor for special research editions of <i>GeriNotes</i> , Feb. 2000 and Sept. 2000
1998-2002	Associate Editor, Cardiopulmonary Physical Therapy Journal.

Manuscript reviewer for Archives of Physical Medicine and Rehabilitation, Physiotherapy Theory and Practice, Journal of Orthopedic and Sports Physical Therapy; Cardiopulmonary Physical Therapy; Physical Therapy

Grants and Contracts Funded

2009	Garbee D, Eason J , Sterling Y, Kroll P, Bennett M. "Doctoral Colloquia for Doctor of Nursing Science and Doctor of Physical Therapy Students" submitted to LSUHSC Office of Medical Education Research and Development. \$4300 direct costs. Submitted May 1, 2009. Co-PI.
2005	Co-author with M. Sholas, CS Bickel, S Chalew, R Gensure. "A Randomized Double- Blind, Placebo-Controlled Study of Oral Bisphosphonates to Treat Disuse Osteopenia in Children with Physical Disabilities" LSUHSC Dept. of Pediatrics/Research Institute for Children Intramural Award. \$20,000 Direct Costs from 1/2005 – 1/2007.
2001	Eason JM . "Alcohol Suppression in LPS-Induced TNF- Release from Splenic Macrophages" SAHP, LSUHSC Small Grants Award; \$4700 for 1 year.
1999	Eason J . "Role of the Neuroendocrine System in Muscle Damage" SAHP, LSUHSC Small Grants Award; \$4610 for 1 year.
1998	Eason J . "Effects of Hormonal Manipulation on Mouse Masseter Muscle" NRSA Postdoctoral Research Fellowship. \$87,828 for 2 years.
1994	Eason J . "Effects of Glucocorticoids on Myosin Light Chains and Calcium Sensitivity of Diaphragm Muscle" Foundation for Physical Therapy \$11,970 for 1 year.

- 1993 **Eason J**. "Glucocorticoid-Induced Contractile Dysfunction in Diaphragm Muscle" Foundation for Physical Therapy \$12,000 for 1 year.
- 1992 **Eason J.** "Effects of Glucocorticoids on Diaphragm Biochemical and Contractile Properties" Foundation for Physical Therapy \$2,000 for 1 year.

Major Areas of Research Interest

- Health & wellness
- Myosin heavy chain plasticity
- Muscle function
- Myogenesis

Teaching Experience

Current Courses (June 2021 to June 2022)

PHTH 7280 Clinical Experience, Doctor of Physical Therapy Program, LSUHSC. (perform site visits for selected students).

PHTH 7300 Wellness: Prevention and Health Promotion, Doctor of Physical Therapy Program, LSUHSC (course director and instructor).

PHTH 7381 Clinical Internship I, Doctor of Physical Therapy Program, LSUHSC. (perform site visits for selected students).

PHTH 7233 Therapeutic Interventions, Doctor of Physical Therapy Program, LSUHSC. (instructor).

PHTH 7101 Evidence-Based PT I, Doctor of Physical Therapy Program, LSUHSC. (instructor).

PHTH 7204 Evidence-Based PT IV: Research Analyses, Doctor of Physical Therapy Program, LSUHSC (instructor)

PHTH 7305 Evidence-Based PT V: Research Analyses, Doctor of Physical Therapy Program, LSUHSC (instructor)

PHTH 7306 Evidence-Based PT VI: Capstone Completion and Defense, Doctor of Physical Therapy Program, LSUHSC. (instructor)

PHTH 7350 Diagnosis and Management of Integumentary Dysfunction, Doctor of Physical Therapy Program, LSUHSC. (course director and instructor).

PHTH 7391 Administrative Skills in PT I, Doctor of Physical Therapy Program, LSUHSC (course director and instructor)

PHTH 7123 Pathophysiology, Doctor of Physical Therapy Program, LSUHSC (course director and instructor)

PHTH 7250 Diagnosis & Management in Cardiopulmonary Dysfunction, Doctor of Physical Therapy Program, LSUHSC (course director and instructor)

PHTH 7130 Foundational Science of Movement. Doctor of Physical Therapy Program, LSUHSC (instructor)

PHTH 7132 Movement Sciences II Doctor of Physical Therapy Program, LSUHSC (instructor).

PHTH 7213 Professional Practice III Doctor of Physical Therapy Program. LSUHSC (course director and instructor).

Previous Courses Taught (August 1998 - June 2020)

PHTH 7101 Evidence-Based PT I: Clinical Analyses, Doctor of Physical Therapy Program, LSUHSC. (instructor).

PHTH 7102 Evidence-Based PT II: Clinical Analyses, Doctor of Physical Therapy Program, LSUHSC. (instructor).

PHTH 7233 Movement Sciences III, Doctor of Physical Therapy Program, LSUHSC. (course director and lecturer).

PHTH 7203 Evidence-Based PT III: Clinical Analyses, Doctor of Physical Therapy Program, LSUHSC. (course director and instructor)

PHTH 7204 Evidence-Based PT IV: Research Analyses, Doctor of Physical Therapy Program, LSUHSC (course director and instructor)

Clinical Neurology, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Course Coordinator/Instructor).

Advanced Clinical Pathophysiology, Master of Health Sciences Program, School of Allied Health, LSUHSC (Instructor).

Physical Therapy Seminar, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Course Coordinator).

Management of Cardiopulmonary Disorders, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Instructor).

Pathology, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Instructor).

Clinical Pediatrics, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Course Coordinator/Instructor).

Directed Study, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Research Group Leader).

Pharmacological, Radiological and Laboratory Medicine Principles in Physical Therapy, Master of Physical Therapy Program, School of Allied Health, LSUHSC (Course Coordinator).

Thesis and Dissertation Projects

- Kleuss, H. Vagal Modulation of the Heart and Central Hemodynamics During Dynamic Hand-Grip Exercise and Forearm Occlusion Following Forearm Exercise Training. Department of Kinesiology, LSU-Baton Rouge. Dissertation. (Committee Member), May 2002.
- Jubenville, JW. Alternative shoulder support for the hemiplegic upper extremity in patients post CVA. Master of Health Science, LSUHSC. (Committee Member), May 2006.

Hoang, H. Case Report: Functional Outcomes following Acute Orthopedic Injuries. Master of Health Science, LSUHSC (Committee Member), December, 2007.

Directed Student Research Projects

- Billiot S, Braud E, Greenman D, Marks E, Woods L. The impact of the Covid-19 pandemic on children with mobility impairments from the perspective of professionals in the public school system. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2022.
- Bent R, Davis J, Favaloro K, Hollier B, Mashon D, McAdam K, Rhines S. Effects of physical therapy on hypertonic pelvic floor musculature in premenopausal women: A retrospective chart review. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2021.
- Field S, Luscy C, Migliore C, Smith N, Spriggs N. Comparison of functional outcome of direct anterior versus posterior lateral total hip arthroplasty: A retrospective chart review. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2020.
- Barisich B, Fourchy G, Goertz H, Mehler M, Mosrie D, Shine M. Comparison of patient reported outcomes for posterolateral vs. direct anterior approach total hip arthroplasty. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2019.
- Gaubert M, Gremillion S, Lott M, Ocker R. *Is the Garmin™ wrist or ankle activity monitor more accurate when measuring step count in healthy individuals at varying gait speeds?* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2018.
- Baldassaro S, Danos L, Lusignan T. Validity of the Fitbit Charge 2[™] to measure steady state heart rate during exercise on a recumbent bicycle. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2018. *Received Best Capstone Defense Award
- Brothers C, Thompson J, Vollenweider A. Determining the accuracy of two popular fitness trackers while measuring heart rate at moderate to vigorous exercise intensities. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2018.
- Falgoust B, Handwerger B, Rouly L. Accuracy of wearable activity monitors in the measurement of step count and distance. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2017.
- Baldwin B, Chatham C, Mayeux P. *Reliability and validity of the Instant Heart Rate App in healthy populations.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2017.
- Curry T, Eastman J, Ullmer A. *Effect of segmental compression on symptoms of exercise induced muscle damage.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2017.
- Baer K, Edwards D, Warren M. Is the Y-Balance test a valid tool for determining leg symmetry index and return to play status? Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2016.

- Anderson E, Hennessey P, Ruiz B. Normative values for lower extremity performance on the Y-Balance Test in individuals ages 20-29. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2016.
- York A, LeJeune C, Norris S. A comparison of energy expenditure between a dance based group fitness class and a dance based video game on the Xbox Kinect[™]. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2015.
- Hughes L, Mortillaro M, Bryant J, Foley K. *Patient reported outcomes following anterior htotal hip arthroplasty versus posterolateral total hip arthroplasty*. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2015.
- Guidry J, Morange A, Thomassie M. *Quality of life and functional outcomes of total hip arthroplasty.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2014.
- Powers M, Henning D, Stafford C. A comparison of energy expenditure across three gaming platforms using an activity based dance game. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2014.
- Kloepfer K, Christy L, Rieger E. A case series: The benefits of a 3 week condensed intensive physical therapy program for balance, gait and quality of life in individuals with early stage Parkinson's Disease. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2014.
- Ingram E, Robertson B, LeBlanc B, Guido J. *The efficacy of the Tuck Jump Assessment in predicting non-contact ACL injuries in female athletes.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2013.
- Duffy K, Romig, N, Wild J. Guido J. Functional outcomes in rehabilitation after medium to large rotator cuff repairs. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2013.
- Asaro Q, Baracco C, Bernard D, Guidry D. *The effect of eccentric exercise on patellar tendionpathy in improving pain and function.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2012.
- Benjamin L, Cart B, Hill R, Lazarine R. Comparing conservative treatment options for shoulder impingement syndrome: A systematic literature review. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2012.
- Dauterive C, Kronfel M, LaMarca A, Murray M. *The psychometric properties of functional tests and questionnaires to predict chronic ankle instability: a systematic literature review.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, April, 2011.
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- Lee R. Low back pain: *Effect of therapeutic exercise and other physical therapy interventions: A systematic review.* Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, May, 2010.

- Melancon L. The most clinically effective method of performing the straight leg raise test: A systematic literature review. Doctor of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Capstone Research Project, May, 2010.
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- Graffeo K, Peperone N, Pfister L, Romero M, Stamps C, Tran T. *The effect of constraint induced treatment vs. conservative treatment on UE function in children with spastic hemiplegic cerebral palsy.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project, January, 2007.

- Burlet H, Cook P, Lyons J, Nelson K, Ochoa F, Sosa J. *What is the role of hip musculature strength and flexibility in patellofemoral pain syndrome?* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project, January, 2007.
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- Beelman L, Chiasson J, Kinnison K, Trosclair B, Trosclair K. The effects of aerobic exercise on pain, tender points and disease severity in individuals with fibromyalgia. Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project, January, 2007.
- Anastasio B, Langoni D, Ledet H, Lopez S, Miller H. *Evaluating the safety and efficacy of resistance training in patients with congestive heart failure: A systematic literature review.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project, March, 2006.
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- Harris B, McInteer R, Metz J, Tauzin R, Zokai O, Zumo K, Boyter L. Body weight support treadmill training in brain injured patients: two case studies. Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Co-Research Advisor with Lori Boyter), January, 2005.
- Andry C, Clouatre, Englert S, Eschette A, Fulham J, Waguespack S, Gross motor development growth trajectories of toddlers with and without disabilities. Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Co-Research Advisor with P. Snyder), January, 2005.
- Couret A, DeBessonet J, Dufrene J, Lorio M, Mansour D, Vitone N. *Establishing inter-rater agreement for a General Outcome Measure of Movement.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Co-Research Advisor with P. Snyder), January, 2004.
- Cochran B, Delaune B, Fontenot E, Haffner M, Schroeder D. *The use of Tubi-Grip® in the management of a chronic venous ulcer a case study.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Co-Research Advisor with L. Boyter), January, 2004.
- Bean J, Breaux G, Fanning M, Hymel E, Kinler E, Monti D, Rome B, Schiro E, Wilkerson L. Concurrent validity of the Alberta Infant Motor Scale (AIMS) and the Peabody Developmental Motor Scales II (PDMS II). Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Co-Research Advisor with P. Snyder), January, 2003.
- Shefsky L, Williams D. *Effects of respiratory muscle training on quality of life in two patients with COPD.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Research Advisor), 2003.

- Alesi C, Calongne C. Procedures for estimation of shoulder passive elastic stiffness in young men and women. Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Co-Research Advisor with S. Werner), 2002.
- Bock D, Cortez L, Hymel B, Teeter C. *The effect of a light load/high repetition exercise bout on delayed onset muscle soreness.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Research Advisor), 2001.
- Bolliger L, Knoblach, Rhodes L, Tyson B, Scott K. *The use of concentric exercise as a possible treatment for delayed onset muscle soreness.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Research Advisor), 2000.
- Boutte L, Macklin D, Newman R. *A comparison of Thera-band*[®] *and pulley-weights in improving shoulder muscle strength.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Research Advisor), 2000.
- Delahoussaye S *The effect of electrical stimulation on reducing edema formation following knee arthroscopy.* Master of Physical Therapy Program, School of Allied Health Professions, LSUHSC. Group Research Project (Research Advisor), 2000.

Professional Organization Service

National

2020–2021	Member, Advisory Panel for the NCCE Task Force on Pre-Admission Observation Hours
2013-2016	Member, Physical Therapist Centralized Application Service (PTCAS) Work Group
1995-2012	Member, Research Committee for the Cardiovascular and Pulmonary Section of APTA.
2000-2002	Co-Chair Research Committee for the Cardiovascular and Pulmonary Section of APTA.
1999-2002	Member, Research Committee for the Section on Geriatrics for the Geriatrics Section of APTA.
<u>State</u>	
2020 – present	Nominating Committee Chair, Louisiana Chapter of the APTA

- 2014–2020 Secretary of the Louisiana Chapter of the APTA
- 2013-2021t Delegate from Louisiana to the American Physical Therapy (APTA) House of Delegates.

Academic Service

<u>University</u>

2019-present	Member, Wellness Committee
2018-present	Member, Committee on Gender and Equity in the Workplace.
2008	Member, Ad Hoc Inquiry Committee for Academic Misconduct.

2008	Member, Search Committee for the Physiology Department Head, School of Graduate Studies.
2006	Member, Search Committee for the Associate Director of the LSUHSC Library.
2005-present	Institutional Review Board, Louisiana State University Health Sciences Center.
<u>School</u>	
2019 – 2020	Member, Alumni Affairs Committee, School of Allied Health Professions – LSUHSC.
2001-present	Member, Promotion and Tenure Committee, School of Allied Health Professions – LSUHSC.
1999-2013	Intramural Grant Reviewer, School of Allied Health Professions, LSUHSC Health Sciences Center, New Orleans, LA.
1998-2013	Member, Research Committee, School of Allied Health Professions - LSUHSC (Interim Chair from January 2003 – July 2003, Chair from July 2006 – July 2010).

Department

2005-2019	Member, Faculty Search Committees, Department of Physical Therapy – LSUHSC.
2010-2015	Chair, Faculty Search Committees, Department of Physical Therapy – LSUHSC.
2000-2007	Member, Admissions Committee, Department of Physical Therapy – LSUHSC.
2007-present	Chair, Admissions Committee, Department of Physical Therapy – LSUHSC.
2000-2008	Member, Curriculum Committee, Department of Physical Therapy – LSUHSC.

Public Service

2021	External reviewer for Academic Program Review, Virtual Site Visit for Physical Therapy Department, Georgia State University
2021	External Peer Reviewer for Promotion of Faculty Member from Associate Professor to Professor, Georgia State University.
2020 – present	Kinesiology Advisor Board, School of Professional Advancement, Tulane University
2019	Volunteer, New Orleans Medical Mission Services (NOMMS). Participated in 1 medical mission trip June 2019.
2016 - 2018	President, South Louisiana Chapter Association for Women in Science.
2016	Appointed as representative for Dean, SAHP to sit on Senate Concurrent Resolution (SCR) 19 Patient Access Review Committee.
2015	Member, Louisiana Physical Therapy Association Rules and Regs Task Force. Provide input to the Louisiana PT Board regarding revisions to PT Rules and Regs.

2015	Participated in PT Day at Capitol Hill, Washington, DC. Advocacy to LA elected congressman regarding issues related to physical therapy
2015 – present	Member of Advisory Board to Delgado Junior College PTA program
2012	Participated in APTA, Section on Research Fly In to lobby state congressional representatives to maintain NIH funding to Institutes that support rehabilitation research.
2011	External Peer Reviewer: for Promotion of Faculty Member from Associate Professor to Professor, West Virginia University.
2010	External Peer Reviewer: for Promotion of Faculty Member at Virginia Commonwealth University
2009	Assisted with Field Trip LSUHSC – New Orleans Public Schools Science Partnership - Fourth grades students and teachers from Benjamin Banneker and Martin Luther King Elementary Schools – LSUHSC, New Orleans, LA May, 2009.
2008	External Peer Reviewer: for Promotion for Faculty Member at East Carolina University.
2006	External Peer Reviewer: for Promotion of Faculty Member at Virginia Commonwealth University
2004-2005	Advisory Committee Member, Louisiana State Board of Physical Therapy Examiners.
2004-2006	Member, John F. Kennedy High School Alumni Association.
2004	Speaker, High School Awareness Day, Community & Minority Health Education, LSUHSC, New Orleans, LA.
2003	External Peer Reviewer: for Promotion of Faculty Member West Virginia University.
2003	External Peer Reviewer: for Promotion of Faculty Member University of Colorado Health Sciences Center.

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