

**Melissa D Thompson, PhD, ATC, PES**  
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### Education

<b>Louisiana State University</b> Baton Rouge, Louisiana PhD, Kinesiology	2010
<b>University of Virginia</b> Charlottesville, Virginia MEd, Athletic Training	2001
<b>Truman State University</b> Kirksville, Missouri BS, Exercise Science-Athletic Training, <i>Magna Cum Laude</i>	2000

### Employment History

<b>Assistant Professor of Professional Practice</b> <i>Louisiana State University, College of Kinesiology</i> <i>Baton Rouge, Louisiana</i>	2019 – current
<b>Children’s Ministry Director</b> <i>Calvary Chapel Morgantown</i> <i>Morgantown, West Virginia</i>	2014 – 2018
<b>Assistant Professor of Professional Practice</b> <b>Instructor</b> <b>Adjunct</b> <i>Louisiana State University, Department of Kinesiology</i> <i>Baton Rouge, Louisiana</i>	2012 – 2013 2004 – 2012 2003 – 2004
<b>Athletic Trainer – Student Health Center</b> <i>Louisiana State University, Student Health Center</i> <i>Baton Rouge, Louisiana</i>	Spring 2004
<b>Athletic Trainer - High School Outreach</b> <i>Mississippi Sports Medicine</i> <i>Jackson, Mississippi</i>	Fall 2003
<b>Assistant Athletic Trainer</b> <i>U.S. Military Academy, Army Athletic Association</i> <i>West Point, New York</i>	2001 – 2003
<b>Adjunct Faculty Member</b> <i>Dominican College of Blauvelt, Department of Allied Health</i> <i>Orangeburg, New York</i>	2002 – 2003

### Previous Courses Instructed

- Human Anatomy** (KIN 2500) Micro and macroscopic study of the human body.
- Cadaver Prosection Lab** (KIN 3519) Laboratory review of human anatomical structures using cadaveric tissues.
- Cadaver Dissection** (KIN 4519) Graduate level dissection of human cadavers.
- Advanced Anatomy and Functional Impairments** (KIN 4525) Anatomy of selected systems and the mechanisms and effects of impairment
- Medical Terminology** (KIN 2509) On-line course in medical terminology based on medical specialties.
- Therapeutic Exercise and Rehabilitation for Athletic Injuries** (KIN 3509)  
Coordinated and taught lab and lecture portion of course.
- Orthopedic Injury Evaluation Techniques I** (KIN 2505) Lecture and lab related to the clinical evaluation of orthopedic injuries and conditions of the lower extremity.
- Basic Athletic Training** (KIN 2503) Instructed lab and lecture portion of course. Lab coordinator for multiple lab instructors.
- Communicable and Non-Communicable Diseases** (KIN 3608) Coordinated and instructed course in human systems and pathologies.
- Essentials of Sports Performance Training** (KIN 4501) Co-developed and instructed graduate level course on sports performance training.
- Biomechanical Basis of Kinesiology** (KIN 3514) Instructed course on basic biomechanical principles in human movement.
- First Aid and CPR** (KIN 2601) Instructed lecture and lab portions of course.
- Practicum in Athletic Training** (KIN 3505) Instructed courses and currently assist Program Director in coordinating practicum materials. This includes clinical supervision, learning over time assessments, and student and clinical supervisor evaluations.

### Credential Information

BOC Certified Athletic Trainer (#050002047)	2000 – present
American Red Cross - First Aid, CPR, AED	1996 - present
American Red Cross Instructor	2006 - 2018

### Service

- Committee member - Undergraduate Scholarship Committee  
College of Human Sciences and Education, 2019 - current
- Faculty Advisor - Big Buddies LSU  
Philanthropic student organization, 2020 - current

School of Kinesiology Representative – Student recruitment events  
Various events aimed at prospective and current LSU students

Head coach – Youth NFL flag football  
Central Athletic Foundation, Fall 2018 – 2020

Assistant coach – Youth Basketball  
Upward Basketball and Central Bidy Basketball, Winter 2019 - 2020

## Publications

Landin D, **Thompson M**, Jackson MR. Functions of the Triceps Brachii in Humans: A Review. [J Clin Med Res](#). 2018; Apr; 10(4): 290–293.

Landin D, **Thompson M**, Jackson MR. Actions of the Biceps Brachii at the Shoulder. A Review. *J Clin Med Res*, 2017;9(8) 667-670. PMID: PMC5505302

Landin D, **Thompson M**, Reid M. Actions of Two Bi-articular Muscles of the Lower Extremity. A Review. *J Clin Med Res*. 2016;8(7): 489–494. PMID: PMC4894017

Landin D, **Thompson M**, Reid M. Knee and Ankle Joint Angles Influence the Plantarflexion Torque of the Gastrocnemius. *J Clin Med Res*. 2015;7(8):602-606. PMID: PMC4471746

Landin D, **Thompson M**, Reid M. The hip flexion function of the rectus femoris. *J Athl Enhancement* 2014, 3:2 doi: 10.4172/2324-9080.1000143.

**Thompson M**, Landin D, Reid, M. Superficial Peroneal Neuropathy After Navicular Injury in a Soccer Player: A Case Report. *J Athl Enhancement*, 2014:3:4 doi:10.4172/2324-9080.1000161.

**Thompson MD**, Landin D, Page PA. Dynamic Acromiohumeral Interval Changes in Baseball Players During Scaption Exercises. *Journal of Shoulder and Elbow Surgery*. 2011;20(2)251-8.

Landin D, **Thompson MD**. The shoulder extension function of the triceps brachii. *J Electromyogr Kinesiol*. 2011;21(1):161-5. doi:10.1016/j.jelekin.2010.09.005

**Thompson MD**, Carson RL. Four steps for discovering the beliefs behind your clinical education practices. *Athletic Therapy Today*. 2008;13(5):6-9.

Landin D, Myers J, **Thompson M**, Castle R, Porter J. The role of the biceps brachii in shoulder elevation. *J Electromyogr Kinesiol*. 2008;18(2):270-275.

Landin DL, **Thompson MD**, Castle RC, Nicola M, Marruci J, Bankston B. Lisfranc Fracture/Dislocation in a Collegiate Football Player: A Case Report. *Journal of Athletic Training* cited in *NATA News*. 2008; October:43-47.

Mayhew JL, Hill SP, **Thompson MD**, Johnson EC, Wheeler L. Using absolute and relative muscle endurance to estimate maximal strength in young athletes. *International Journal of Sports Physiology and Performance*. 2007;2:304-314.

**Hargrave (Thompson) MD**, Carcia CR, Shultz SJ, Gansneder BM. Subtalar pronation does not affect impact forces and absorption during a single leg landing. *Journal of Athletic Training*. 2003;38(1):18-23.

Shultz SJ, Carcia CR, **Hargrave (Thompson) MD**, Docherty CL. Sex differences in muscle activation patterns and peak vertical force during a single leg landing. *Journal of Athletic Training*. 2002;37(2):S19.

**Hargrave (Thompson) MD**, Connors E, Palmer S. Eccentric fatigue of quadriceps and hamstring muscle performance during anaerobic work at various isokinetic speeds. *IAHPERD Journal*. 2001;34(1):35-36.

### Scientific and Professional Presentations

Landin D, **Thompson M**, Reid M. Clinical Implications of Bi-Articular Muscle Actions. Tutorial presented at the SEACSM Conference, Greenville, SC. February 13 -15, 2016.

Reid M, Landin D, **Thompson M**, Harrell B. Ultrasound Evaluation of Medial Elbow Joint Space in Recreationally Active Individuals. Paper presented at the ACSM annual conference, Orlando, FL, May 2014.

Reid M, Landin D, **Thompson M**. The rectus femoris and hip flexion. Paper presented to the annual meeting of the Southeast American College of Sports Medicine. Greenville, SC , January, 2013.

**Thompson MD**, Landin D. Relationship between dynamic acromiohumeral interval and scapulohumeral rhythm in overhead athletes between 0 and 60. Oral Presentation at NATA, June 2012, St. Louis, MO.

Sorrells MA, Landin D, **Thompson MD**. Nonunion olecranon stress fracture across the epiphyseal plate with associated flexion contracture in an adolescent baseball pitcher: A case report. Poster Presentation at SEATA, March 2012, Atlanta, GA.

**Thompson MD**, Landin D, Page P. Dynamic Acromiohumeral Interval Changes in Trained and Untrained Females with Differences in External Rotation Strength. Oral Presentation at NATA. June 2011, New Orleans, Louisiana.

Landin D, **Thompson MD**. The Effect of Knee and Ankle Angles on the Plantarflexion Torque of the Gastrocnemius. Poster Presentation at NATA. June 2011, New Orleans, Louisiana.

Page P, Landin D, **Thompson M**. 2011. A comparison of isotonic and elastic exercise on trapezius muscle balance in overhead athletes. Poster presentation at APTA. New Orleans, Feb 2011.

Hargroder W, Landin D, **Thompson MD**. Anatomy of the Nervous System (Brain; Cranial Nerves; Spinal Cord; and Brachial Plexus). A Graduate Course in Cadaver-based Human Anatomy for Instructors of Undergraduate Anatomy and Physiology. Lab Instructor. July 2010, Baton Rouge, Louisiana.

**Thompson MD**, Landin D, Page P. Scapular Upward Rotation and Acromiohumeral Interval Changes in Collegiate Baseball Players During a Weighted and Un-Weighted Scaption Exercise. Poster presentation at NATA. June 2010, Philadelphia, Pennsylvania.

**Thompson MD**. Using Wiki Fictional Patients. Presented at SEATA Educator's Conference. Feb 2010, Atlanta, Georgia.

Landin D, **Thompson MD**. Contribution of the deltoid to early stages of shoulder abduction. Paper presented at ACSM, May 2009, Seattle, Washington.

Landin D, **Thompson MD**. Clarifying bi-articular muscle actions and the clinical implications of the findings. Presented at HAPS 2008 Annual Meeting, New Orleans, Louisiana.

**Thompson MD**, Landin D. Superficial Peroneal Neuropathy following Navicular Injury in a Soccer Player: A Case Report. Presentation at 2007 ACSM conference.

Castle RC, Landin D, **Thompson MD**, Marucci J, Nicola M. LisFranc Injury in a Football Player. Presentation at 2006 ACSM, New Orleans, LA.

Castle RC, **Thompson MD**, Dore TL. Improving Undergraduate Athletic Training Education in Louisiana Through Collaborative Relationships: *Development of a Sports Healthcare Web Portal To Deliver Streaming Educational Videos*. Presentation at Hawaii International Conference on Education - January 2006

**Hargrave (Thompson) MD**. Soft Tissue Manual Therapy Techniques. Southeastern Athletic Trainers' Association Student Meeting, Atlanta, Georgia, 2005-2006