

**Daniela Terson de Paleville, Ph.D.**

University of Louisville  
College of Education & Human Development  
Department of Health and Sport Sciences  
East Student Activity Center 105K  
Louisville, KY, 40292  
(502) 852-0547  
dtdepa01@louisville.edu

**EDUCATION**

---

- 2006-11 University of Louisville, Ph.D.  
Program: Physiology and Biophysics  
Advisor: Susan Harkema, Ph.D.
- 2006-08 University of Louisville, M.S.  
Major: Physiology and Biophysics  
Advisor: Susan Harkema, Ph.D.
- 2003-05 University of Louisville, M.S.  
Major: Exercise Physiology  
Advisor: Ann Swank, Ph.D.
- 1996-99 Instituto de Educación Física, Jorge Coll, B.S.  
Mendoza, Argentina  
Major: Physical Education and Exercise Sciences

**POSITIONS**

---

- 2018- present Associate Professor (Tenured), University of Louisville Department of Health and Sport Sciences  
*Workload: 50% teaching (5 graduate/undergraduates' courses per academic year), 30% research, and 20 % service.*
- 2020-present Faculty mentor Spinal Cord Injury Medicine Fellowship, University of Louisville Department of Neurological Surgery (associate appointment)
- 2011-17 Assistant Professor (Untenured), University of Louisville Department of Health and Sport Sciences  
*Workload: 50% teaching (5 graduate/undergraduates' courses per academic year), 30% research, and 20 % service.*
- 2011 Full-time Instructor, University of Louisville Department of Health and Sport Sciences
- 2008-11 Graduate Research Assistant, Neuroscience Collaborative Center, University of Louisville
- 2006-08 Graduate Student Fellow, Integrated Program in Biomedical Sciences (IPIBS), University of Louisville, Department of Physiology and Biophysics
- 2005-06 Instructor (Part-time), University of Louisville, Department of Health and Sport Sciences
- 2005-06 Research Assistant, University of Louisville School of Nursing

- 2005-05 Clinical Rehabilitation Intern, Cardiac Rehabilitation Cardiovascular Associates, Norton Audubon Hospital, Louisville, KY
- 2003-05 Health Education Instructor, American Red Cross Louisville, KY
- 2002-03 Graduate Teaching Assistant, The Citadel, South Carolina. Department of Health, Exercise and Sport Sciences
- 1999-2001 Program Instructor and Rehabilitation Therapist, Mendoza Government “Different Capabilities” Municipality of Lujan de Cuyo, Mendoza, Argentina

## **AWARDS AND HONORS**

---

- 2022 University of Louisville TILL Teaching Innovation Award Winner for “Innovative teaching of anatomy and physiology”
- 2022 Invited presentation: Experimental Biology 2022 Symposium sponsored by the Teaching section of the American Physiological Society (APS) entitled: Innovative techniques for developing an inclusive teaching environment (invited presentation).
- 2022 Nominated to the “Presidential Multicultural  
2021 Leadership and Innovation in Academic Medicine (LIAM) fellow from the Health and Sport Sciences Department.
- 2021 Selected to be part of the University of Louisville Delphi Center “Advancing Innovative Teaching- Faculty Innovators Group”
- 2021 University of Louisville “Faculty Favorite” Award (Student Nomination)
- 2020 University of Louisville “Faculty Favorite” Award (Student Nomination)
- 2019 University of Louisville “Faculty Favorite” Award (Student Nomination)
- 2018 University of Louisville “Faculty Favorite” Award (Student Nomination)
- 2017 University of Louisville “Faculty Favorite” Award (Student Nomination)
- 2017 American Society for Microbiology-2017 Annual Biomedical Research Conference for Minority Students (ABRCMS) Judge and Mentor Travel Award, Phoenix, AZ.
- 2016 American Physiological Society, Institute for Teaching and Learning (ITL), Minority Travel Award. Madison, WI.
- 2016 University of Louisville “Faculty Favorite” Award (Student Nomination)
- 2015 University of Louisville Red and Black 2014 “Faculty Mentor Award” (Athlete Students Nomination)
- 2014 American Physiological Society, Travel Award. Foss de Iguassu, Brazil.
- 2014 University of Louisville Red and Black 2013 “Faculty Mentor Award” (Student Athlete Nomination)
- 2013 University of Louisville, Outstanding Mentor (Graduate Students Nomination)
- 2012 Travel Award for the “Leadership development & Grant Writing Seminar,” Federation of American Societies for Experimental Biology Maximizing Access to Research Career. Chantilly, VA.

- 2010 Travel Award, University of Louisville School of Medicine to attend the National Neurotrauma Conference. Las Vegas, NV.
- 2009 Travel Award, University of Louisville Department of Physiology and Biophysics to attend to the Society for Neuroscience conference, Chicago, IL.
- 2009 Travel Award, American Physiological Society to attend the professional skills training on “Writing and Reviewing for Scientific Journals.” Orlando, FL.
- 2009 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring/ American Association for the Advancement of Science Building Science, Engineering and Technology Leadership Workshop for Women in Industry, Academia and Government. Washington, DC.
- 2008 Excellence in Neuroscience Research, Graduate Students Poster Competition Award. Title: *Respiratory Motor Control Assessment in Individuals with Spinal Cord Injury*. “Neuroscience Day” Society for Neuroscience Louisville Chapter. Louisville, KY.
- 2008 Research! Louisville 2008 winner in the “Doctoral Basic- Science Student Division” October 2008, Title: *Effects of Locomotor Training on Pulmonary Function in Individuals with Spinal Cord Injury*. Louisville, KY.
- 2006 University of Louisville Red and Black 2006 “Faculty Mentor” for Student Athletes.

## **PROFESSIONAL DEVELOPMENT**

---

- 2022 Innovative Flipped Learning Instruction Project (IFLIP) Symposium
- 2021 EduMAX 2021- Adobe Educators International Conference.
- 2021-22 Adobe Creative Educator. Adobe Education.
- 2021-22 Advancing Innovative Teaching: Faculty Group. Delphi Center.
- 2021-22 Leadership and Innovation in Academic Medicine (LIAM) fellow from the Health and Sport Sciences Department.
- 2021 American Spinal Injury Association. Primary Care of Persons with Spinal Cord Injury/Disease, March 12<sup>th</sup>, 2021.
- 2021 American Spinal Injury Association. Autonomic Dysreflexia: basics and beyond. February 19<sup>th</sup>, 2021.
- 2020 University of Louisville, Delphi Center, Quality Matters-Online and blended teaching.
- 2020 University of Louisville, Delphi Center, Teach Students How to Learn during the Pandemic: Metacognition is the Key! November 10, 2020
- 2020 Blackboard Digital Symposium, November 5, 2020
- 2019 University of Louisville, Delphi Center, Syllabus development and grading, 2019.
- 2018 University of Louisville, Delphi Center, e-clicker for active learning. August 2018.

- 2018 University of Louisville, Delphi Center. Course Design Institute for Active and Adaptive Learning. May 15<sup>th</sup>- 17<sup>th</sup>.
- 2016 American Physiological Society, Institute for Teaching and Learning in Physiology Workshop, June 20-24<sup>th</sup> 2016, Madison, WI.
- 2015 Delphi U Online teaching workshop, University of Louisville Delphi Center for Teaching and Learning, January 2015-April 2015, Louisville, KY.
- 2012 Leadership development & Grant Writing Seminar, Federation of American Societies for experimental Biology (FASEB) Maximizing Access to Research Career, August 2012, Chantilly, VA.
- 2009 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring/ American Association for the Advancement of Science Building Science, Engineering and Technology Leadership Workshop for Women in Industry, Academia and Government, October 2009, Washington, DC.
- 2009 Writing and Reviewing for Scientific Journals American Physiological Society, January 2009, Orlando, FL.

#### **FUNDED AND PENDING GRANTS**

---

- 2022-2023 *Autogenic Feedback Exercise Training for people with Spinal Cord Injury Doctoral Fellowship*  
 Funder: NASA  
 Role: Principal Investigator  
 Amount: \$45,000 (total \$78,000 with matching funds)  
 Status: Awarded
- 2021-2022 *Autogenic Feedback Exercise Training for people with Spinal Cord Injury*  
 Funder: UofL CEHD Research and Professional Development mini-grant  
 Role: Principal Investigator  
 Amount: \$5,678  
 Status: Awarded
- 2021-2022 *Autogenic Feedback Exercise Training for people with Spinal Cord Injury Doctoral Fellowship*  
 Funder: NASA  
 Role: Principal Investigator  
 Amount: \$44,998 (total \$78,000 with matching funds)  
 Status: Awarded
- 2018-2023 *Bridges to Undergraduate Success (BUS)*  
 Funder: National Institute of Health (NIH) - R25  
 Role: mentor (PIs: Dr. Kakar and Dr. Joshua)  
 Amount: \$1.3 Million  
 Status: Awarded

- 2019 *Access to Quality Exercise in People with Paralysis from Diverse Backgrounds in Louisville Metro Area*  
 Funder: Cooperative Consortium for Transdisciplinary Social Justice Research-University of Louisville  
 Role: Principal Investigator  
 Amount: \$11,000  
 Status: Awarded
- 2018 *Physiology Understanding Week 2018- Highland Hills Middle School*  
 Funder: American Physiological Society  
 Role: Principal Investigator/ organizer  
 Amount: teaching materials for 550 students
- 2017 *Physiology Understanding Week 2017- Floyd Knobs Elementary School*  
 Funder: American Physiological Society  
 Role: Principal Investigator/ organizer  
 Amount: teaching materials for 150 students
- 2016 *Physiology Understanding Week 2016- Floyd Knobs Elementary School*  
 Funder: American Physiological Society  
 Role: Principal Investigator/ organizer  
 Amount: teaching materials for 170 students
- 2017 *Incorporation of Minds in Motion in a Local Spanish-Immersion Elementary School*  
 Funder: Cooperative Consortium for Transdisciplinary Social Justice Research-University of Louisville  
 Role: Principal Investigator  
 Amount: \$3,000 (Fall 2017 course buyout, one full graduate assistantship and one undergraduate fellowship for 4 semesters)  
 Status: Completed
- 2017 *Effects of Minds in Motion on Motor Control, Balance and Academic Performance in Elementary School Students Attending a Local Spanish-Immersion Elementary School*  
 Funder: University of Louisville-Executive Vice-President for Research and Innovation (EVPRI)  
 Role: Principal Investigator  
 Amount: \$2,997  
 Status: Completed
- 2016 *Physiology Understanding Week 2016- Hawthorne Elementary School, Jefferson County Public Schools (JCPS).*  
 Funder: American Physiological Society  
 Role: Principal Investigator/ organizer  
 Amount: teaching materials for 450 students  
 Status: Completed
- 2015 *Physiology Understanding Week 2015- Hawthorne Elementary School, Jefferson County Public Schools (JCPS).*  
 Funder: American Physiological Society  
 Role: Principal Investigator/Organizer  
 Amount: Teaching materials for 430 students  
 Status: Completed

- 2014-2016 *Spinal Cord Injury Kentucky Regional Model System Grant*  
 Funder: US Department of Education, National Institute of Disability and Rehabilitation research (NIDRR)  
 Role: Investigator (PI: Daniel Graves, Ph.D.)  
 Amount: \$ 2.2 million  
 Status: Ended
- 2014-2014 *Effects of Locomotor Training on Trunk/Postural Control and Pulmonary Function in Children with Spinal Cord Injuries*  
 Funder: NIH/NIGMS P30GM103507- Kentucky Spinal Cord Injury Research Center  
 Role: Principal Investigator  
 Amount: \$11,500  
 Status: Completed
- 2013-2014 *Effects of Locomotor Training on Trunk/Postural Control and Pulmonary Function in Children with Spinal Cord Injuries*  
 Funder: NIH/NIGMS P30GM103507- Kentucky Spinal Cord Injury Research Center  
 Role: Principal Investigator  
 Amount: \$22,500  
 Status: Completed
- 2013-2014 *Development and Validation of a Submaximal Test to Evaluate Cardiovascular Fitness in Individuals with Spinal Cord Injuries*  
 Funder: University of Louisville Intramural Research Incentive Grants- Undergraduate Research grants.  
 Role: Principal Investigator  
 Amount: \$2,699  
 Status: Completed
- 2014 *Body Composition and Cardiovascular Fitness in Individuals with Spinal Cord Injury*  
 Funder: University of Louisville, CEHD Research and Faculty Development Summer Scholarship.  
 Role: Principal Investigator  
 Status: Completed
- 2013-2013 *Pulmonary Function and Respiratory Muscle Activation in Individuals with Chronic Spinal Cord Injuries*  
 Funder: University of Louisville Intramural Research Incentive Grants (IRIG)  
 Role: Principal Investigator  
 Amount: \$3,500  
 Status: Completed
- 2011 *Physiology Understanding Week 2010 - Sacred Heart School, Jeffersonville, IN*  
 Funder: American Physiological Society  
 Role: Principal Investigator/ Organizer  
 Amount: Teaching materials for 40 students  
 Status: Completed
- 2006-08 University of Louisville Integrated Programs in Biomedical Sciences (IPIBS) Fellowship  
 Status: Completed

## PUBLICATIONS

---

Mentees co-authors are either undergraduate (identified with \*\*) or graduate students (identified with \*)

Torres, R. \*, Rashed, H., Mathur, P., Castillo, C., Abell, T., **Terson de Paleville, D.** (under review) Autogenic Biofeedback Training Improves Autonomic Responses in a Participant with Cervical Motor Complete Spinal Cord Injury- case report. *Spinal Cord Series and Cases*.

**Terson de Paleville, D.** (2022) Viewpoint: Using  $\dot{V}O_{2max}$  as a marker of training status in athletes - can we do better for athletes with spinal cord injuries? *Journal of Applied Physiology*. Jul 1 2022;133(1):148-164. doi:10.1152/jappphysiol.00224.2022

**Terson de Paleville, D.** (2022). Minority women in academia: K-12 outreach to bridge the gap. *Advances in Physiology Education*. 24 Jan 2022 24 Jan 2022 doi.org/10.1152/advan.00178.2021

**Terson de Paleville, D.** (2021) Active learning assignment: Legos and coins to understand glucose metabolism. *Adv Physiol Educ*. 2021 Dec 30. doi: 10.1152/advan.00064.2021. Epub ahead of print. PMID: 34968149.

**Terson de Paleville, D.** (2021). Synchronous and asynchronous experiences in Advanced Exercise Physiology Courses: what teaching tools work best for my students? *Life Science Teaching Resource Community*, <https://blog.lifescitrc.org/pecop/>

King, K. M., Hartson, K., Della, L., & **Terson de Paleville, D.** (2020). Promoting physical activity during the COVID-19 pandemic [clinical applications]. *ACSM's Health & Fitness Journal*, 24(6), 43-47. doi:10.1249/FIT.0000000000000616

**Terson de Paleville, D.** & Immekus, J. (2020) Minds in motion: incorporation of daily physical activity before school improves academic skills and motor proficiency in elementary school students. *Journal of Physical Activity and Health*. 17, 907-914. doi.org/10.1123/jpah.2019-0454

**Terson de Paleville, D.**, Harman, K., Richards, E., Jagers, J. & King, K. (2020) "Physiology Understanding Week" in a Public Middle School in Southern Indiana: Exercise and Health. *Advances in Physiology Education* 44 (2) 254-261.

Immekus, J., Muntis, F. \*, **Terson de Paleville, D.** (2020). Lasso for Predictor Selection in Exercise Science Research: Association of Motor Proficiency, Balance, Visual Efficiency, and Behavior with the Academic Skills of Elementary School-Aged Children. *Journal Motor Learning & Development* 8:1 (126-144), doi: 10.1123/jmld.2018-0023

**Terson de Paleville, D.** (2019) "Physiology Understanding Week (*PhUn*) in a Public Spanish-Immersion Elementary School in Kentucky". *Adv Physiol Educ* 43: 288–292; doi:10.1152/advan.00042.2019.

**Terson de Paleville, D.**, Harkema, S. & Angeli, C. (2019). Epidural stimulation with locomotor training improves cardiovascular fitness and body composition in individuals with high thoracic motor complete spinal cord injuries. *Journal of Spinal Cord Medicine*; 14:1-7.

- Day, A. \*, Day, M. \*, **Terson de Paleville, D.**, & King, K. M. (2018). Strategies for Implementing Safe and Effective Yoga Programs. *ACSM's Health & Fitness Journal* 22:6 (59-63)
- King, K. M. & **Terson de Paleville, D.** (2018). Partnering with schools to implement physical activity interventions. *ACSM's Health & Fitness Journal*, 22, 2, 38-41
- Martin, J. L., Perry R. A., Baptista, R. A., McArtor J. D., Clutter, L. B., Symons T. B., **Terson de Paleville, D.**, Roberts, A., Cesarz G., & Caruso, J. F. (2016). Workload's impact on perceived gender-based differences in delta blood lactate values from high-speed exercise. *Isokinetics and Exercise Science*, 24, 181-187.
- McCulloch, J., \* Kloby, M., \* Love, M. \*, Lorenz, D., & **Terson de Paleville, D.** (2015). Prediction of maximal oxygen consumption from rating of perceived exertion (RPE) using a modified total-body recumbent stepper. *International Journal of Exercise Sciences*, 8 (4), 416-424.
- Terson de Paleville, D.**, & Lorenz, D. (2015). Compensatory muscle activation during forced respiratory tasks in individuals with chronic spinal cord injury. *Respiratory Physiology & Neurobiology*, 217, 54-62.
- Terson de Paleville, D.**, Sayenko, D., Aslan, S., Folz, R., McKay, W., & Ovechkin, A. (2014). Respiratory motor function in seated and supine positions in individuals with chronic spinal cord injury. *Respiratory Physiology & Neurobiology* 203, 9-14.
- Terson de Paleville, D.**, & Swank, A. M. (2014). Special considerations for exercising testing and programming for individuals with spinal cord injury. *ACSM's Health & Fitness Journal*, 18, 44-46
- Vidoni, C., Lorenz, D., & **Terson de Paleville, D.** (2014). Incorporating a Movement Skill Program into a Preschool Daily Schedule; *Early Child Development and Care*. Volume 184, Issue 8, 1211-1222
- Terson de Paleville, D** McKay, WB; Aslan, S; Folz, R.; Sayenko, D. & Ovechkin, A. (2013). Locomotor Step Training with Body Weight Support Improves Respiratory Motor Function in Individuals with Chronic Spinal Cord Injury; *Respiratory Physiology & Neurobiology*, 189(3), 1-16.
- Ovechkin, A., Vitaz, T., **Terson de Paleville, D.**, & McKay, W. B. (2013). Quality of residual neuromuscular control and functional deficits in patients with spinal cord injury. *Frontiers in Spinal Cord Medicine*, Volume 4, article 174, 1-8.
- Terson de Paleville, D.**, McKay, W. B., Folz, R., & Ovechkin, A. (2011). Respiratory motor control disrupted by spinal cord injury: Mechanisms, evaluation, and restoration. *Translational Stroke Research*, 2(4), 463-473.
- McKay, W. B., Ovechkin, A., Vitaz, T., **Terson de Paleville, D.**, & Harkema, S. (2011). Neurophysiological characterization of voluntary motor control recovery in acute spinal cord injury; *Spinal Cord*, 49, 421-429.
- McKay, W. B., Ovechkin, A., Vitaz, T., **Terson de Paleville, D.**, & Harkema, S. (2011). Long-lasting involuntary motor activity after spinal cord injury. *Spinal Cord*, 49, 87-93.
- Ovechkin, A, Vitaz, T., **Terson de Paleville, D.**, Aslan, S., & McKay, W. B. (2010). Evaluation of respiratory muscle activation in individuals with chronic spinal cord injury. *Respiratory Physiology & Neurobiology*, 173, 171-178.



**Terson de Paleville, D.**, Swank, A., Funk, D., Bradley, S., & Topp, R. (2009) Adding weights to low intensity exercise increases isometric muscular strength and functional ability in healthy older adults. *Journal International Fitness*, 5(1), 51–59.

**Terson de Paleville, D.**, Topp, R., & Swank, A. M. (2007). Effects of aerobic training prior to and during chemotherapy in a breast cancer patient: a case study. *Journal of Strength and Conditioning Research*; 21 (2), 635-637.

## NATIONAL/INTERNATIONAL PRESENTATIONS

---

**Terson de Paleville, D.** Asociación Médica Latinoamericana de Rehabilitación- AMLAR (Latin American Medical Association for Rehabilitation) annual meeting (October 2022), *Status of Rehabilitation Research in Latin America*, Cochabamba, Bolivia.

**Terson de Paleville, D.** American Spinal Injury Association (ASIA). *Organizer of the Research Methods Workshop for Physicians and other Health Care Providers in Latin America* (September- October 2022)

Garvin, M; Castillo, C. **Terson de Paleville, D.** (accepted, September 2022). *Academy of Spinal Cord Injury Professionals (ASCIP) Educational Conference & Expo 2022. Optimizing sustainability of an accessible community fitness and wellness program: Lessons learned during COVID-19.*

**Terson de Paleville** (April 4, 2022). Experimental Biology 2022 Symposium sponsored by the Teaching section of the American Physiological Society (APS) Innovative techniques for developing an inclusive teaching environment. *Using Team-Based Active Learning as An Inclusive Teaching Tool for Students with Disabilities and English as a Second Language (ESL).*

Hernandez Jimenez, I; Longoni Di Giusto, M; Terson de Paleville, D; Castillo, C. (November 2021). *American Academy of Physical Medicine and Rehabilitation (AAPM&R)*. The stage of Spinal Cord Injury (SCI) Rehabilitation in Latin America: Challenges and Opportunities.

Hernandez Jimenez, I; Longoni Di Giusto, M; **Terson de Paleville, D**; Castillo, C. (June 12-15, 2021). International Society of Physical and Rehabilitation Medicine (ISPRM) 2021 Congress. *The COVID-19 Pandemic in Latin America and the Impact on Spinal Cord Injury Rehabilitation: Highlighting Challenges and Identifying Potential.*

**Terson de Paleville, D.** (August 29, 2020). American Spinal Injury Association-Americas Committee Round Tables. *Body Composition in Individuals with Spinal Cord Injury.*

**Terson de Paleville, D.** (March 06, 2020). *Brain Injury Alliance of Kentucky Summit (BIAK-2020)*. Exercise Testing and Prescription Considerations for Special Populations. **Terson de Paleville, D.** (January 31, 2020), University of Nebraska Medical School Omaha Cellular and Integrative Physiology seminar series, “*Pulmonary Function and Cardiovascular Fitness after Spinal Cord Injury*”

**Terson de Paleville, D**; King, K; Richards, E.; Harman, K and Jagers, J. (2019, April) *Physical Activity, Cardiovascular Fitness Levels and Strategies to Increase Daily Energy Expenditure in Middle School Age students*" Experimental Biology 2019. Orlando, FL.

- Graves, D., Atkinson, D., & **Terson de Paleville, D.** (2016, April). *Measurements of trunk musculature after spinal cord injury (mini symposium)*. American Spinal Cord Association Annual Scientific Meeting, Philadelphia, PA.
- Terson de Paleville, D.**, Immekus, J. C., & Maldonado, C. (2016, April). *Physiology understanding week in a Spanish-immersion elementary school in Kentucky*. Experimental Biology. San Diego, CA.
- Terson de Paleville, D.**, Lorenz, D., McCulloch\*, J., Kloby\*, M., Love\*, M., Walden, A., \*\* & Harkema, S. (2014, June). *Development of indirect tests to estimate maximal oxygen consumption and body composition in individuals with spinal cord injury*. Poster and oral presentation at “The International 22nd Puijo Symposium: Physical Exercise in Clinical Medicine- Critical Appraisal of Scientific Evidence”. Kuopio, Finland.
- Terson de Paleville, D.**, Lorenz, D., McCulloch\*, J., Aslan, S., Walden, A. \*\*, Kloby, M. \*, Love, M. \*, & Harkema, S. (2014, April). *Development of protocols to estimate maximal oxygen consumption and body composition in individuals with spinal cord injury*. Experimental Biology. San Diego, CA.
- Kloby, M. \*, McCulloch\*, J., Lorenz, D., Aslan, S., & **Terson de Paleville, D.** (2014, April). *RPE- based Submaximal oxygen consumption test for spinal cord injury individuals: A proof of concept study*. Poster presented at American College of Sports Medicine 61st Annual Meeting and 5th World Congress on Exercise is Medicine. Orlando, FL.
- Manning, J. \*\*, Kloby, M. \*, McCulloch, J. \*, Lorenz, D., Aslan, S., & **Terson de Paleville, D.** (2014, April). *Development of a RPE-based Submaximal Oxygen Consumption Test Using Total Body Recumbent Stepper in Spinal Cord Injury*. Poster presented at the National Conference for Undergraduate Research. Lexington, KY.
- Walden, A. \*\*, Love, M. \*, Kloby, M. \*, Lorenz, D., & **Terson de Paleville, D.** (2014, April). *Estimation of body composition using skinfolds measurements in individuals with spinal cord injury* Poster presented at the National Conference for Undergraduate Research. Lexington, KY.
- Terson de Paleville, D.** (2014, March). *Body composition and cardiovascular fitness in individuals with spinal cord injury*. Oral presentation and demonstration at the Christopher and Dana Reeve Foundation NeuroRecovery Network National Summit. Frazier Rehab Institute, Louisville, KY.
- Terson de Paleville, D.**, Trimble, S., Argetsinger, L., Love, M., Kloby, M., Howland, D., & Behrman, A. (2014, November). *Trunk control and pulmonary function in children with spinal cord injuries: a pilot study on the effects of locomotor training*. Poster presented at Society for Neuroscience Annual Conference. Washington, DC.
- Terson de Paleville, D.**, Lorenz, D., McCulloch, J. \*, Aslan, S., Kloby, M. \*, Love, M. \*, Walden, A. \*\*, & Harkema, S. (2014, April). *Development of protocols to estimate maximal oxygen consumption and body composition in individuals with spinal cord injury*. Poster presented at Experimental Biology, San Diego, CA.
- Terson de Paleville, D.**, Sayenko, D., & Alexander V., & Ovechkin. A. (2014, April). *Respiratory motor function outcomes in sitting and supine positions in patients with chronic spinal cord injury*. Poster presented at the 53rd Annual Scientific Meeting of International Spinal Cord Society. Maastricht, Netherlands.

- Vidoni, C., Hanaki-Martin, S., Carter, K., Wooten, S., Lorenz, D., **Terson de Paleville, D.** (2014, April). *Incorporating a Movement Skill Program into a Preschool Daily Schedule*. Paper presented at American Alliance for Health, Physical Education, Recreation and Dance National Convention. St Louis, MO.
- Terson de Paleville, D.**, Ovechkin, A., Chopra, M., Aslan, S., McKay, W. B., & Harkema, S. (2013, April). *Locomotor training improves body composition and trunk motor control in spinal cord injured individuals*. Poster presented at Experimental Biology. Boston, MA.
- Terson de Paleville, D** Chopra, M; Atkinson, D; Lorenz, D & Harkema, S. (2012, October). *Neurophysiological assessment of trunk muscles in individuals with spinal cord injury: Effects of locomotor training*. Poster presented at Society for Neuroscience. New Orleans, LA.
- Terson de Paleville, D;** Lorenz, D & Harkema, S. (2011, November) *Functional neurophysiological assessment of respiratory muscles in individuals with spinal cord injury*. Poster presented at Society for Neuroscience. Washington, DC.
- Terson de Paleville, D.**, Ovechkin, A., McKay, W. B., & Harkema S. (2010, June). *Muscle activation during voluntary respiratory tasks in individuals with chronic spinal cord injury*. Poster presented at National Neurotrauma Symposium. Las Vegas, NV.
- Ovechkin, A., Harkema, S., **Terson de Paleville, D.**, & McKay W. B. (2008, November). *Evaluation of motor activity for respiration in individuals with spinal cord injury*. Poster presented at Society for Neuroscience. Washington DC.
- Ovechkin, A; Harkema, S, **Terson De Paleville, D** & William B. McKay (2008, December) *Evaluation of expiratory muscle activation patterns in individuals with spinal cord injury*. Poster presented at International Respiratory Care Symposium. Anaheim, CA.

## REGIONAL/LOCAL AND MENTEES PRESENTATIONS

---

On citations as senior author I was mentoring either undergraduate (identified with \*\*) or graduate students (identified with \*)

- Torres R \*,\_Rashed H, Mathur P, Castillo C, Abell T, **Terson de Paleville, D** (2022, May). *Autogenic Feedback Training Exercise to Attenuate Orthostatic Intolerance among People with Spinal Cord Injuries*. Poster presented at the annual Meeting for the American Spinal Injury Association (ASIA). New Orleans, LA.
- Torres R \*,\_Rashed H, Mathur P, Castillo C, Abell T, **Terson de Paleville, D** (2022, April). *Autogenic Feedback Training Exercise for Autonomic Regulation in Individuals with Spinal Cord Injury-a Pilot Case Study*. Poster presented at the annual Society for Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Sithu T\*\*, Torres R\*, Putman S, Castillo C, **Terson de Paleville D** (2022, April). *Integration of Virtual Reality in Autogenic Feedback Training Exercise*. Poster presented at the annual Society for Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Little, T\*\*, Immekus J.C. & **Terson de Paleville, D.** (2018, April). *Associations between Balance, Motor Control and Academic Performance in Elementary School Students*. University of Louisville Celebration of Student Writing.

- Cleary, N. \*\*, Immekus, J. C., & **Terson de Paleville, D.** (2017, April). *Hyperactivity and inattention in elementary school and its relationship with visual efficiency*: Poster presented at the annual University of Louisville Undergraduate Research and Community Engagement Symposium. Louisville, KY.
- Muntis, F. \*, Vargas, L\*, Immekus, J. C., & **Terson de Paleville, D.** (2017, April). *Associations between motor proficiency, cognitive tempo, academic skills, balance and visual efficiency in elementary school students*. Poster presented at the annual Society for Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Vargas, L. \*, Immekus, J. C., & **Terson de Paleville, D.** (2017, April). *Gravity falls: The relationship between balance, visual efficiency and motor proficiency in elementary school age children*. Poster presented at the annual Society for Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Cleary, N. \*\*, Immekus, J. C., & **Terson de Paleville, D.** (2017, April). *Hyperactivity and inattention in elementary school: relationship with visual inefficiency*. Poster presented at the annual Society for Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Little, T. \*\*, Immekus, J. C., & **Terson de Paleville, D.** (March 2017). *Incorporation of a physical activity program "Minds in Motion" in a Spanish-immersion elementary school: Effects on classroom behavior and academic performance*. Poster presented at the annual Posters in the Capitol. Frankfort, KY.
- Newman, W. \*, Angeli, C., & **Terson de Paleville, D.** (2016, April). *Discrepancies between measured and predicted values for body composition and resting metabolic rate in individuals with Spinal Cord Injury*. Poster presented at the annual Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Jones, B. \*, **Terson de Paleville, D.**, Harkema, S., & Angeli, C. (2016, April). *Epidural stimulation with locomotor training improves cardiovascular fitness and body composition in one individual with thoracic motor complete spinal cord injury: A case study*. Poster presented at the annual Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Manning, J. \*, Lorenz, D., & **Terson de Paleville D.** (2016, April). *Graded exercise test to predict cardiovascular fitness in individuals with spinal cord injury*. Poster presented at the annual Neuroscience-Louisville Chapter, Neuroscience Day. Louisville, KY.
- Tanget, S. \*\*, & **Terson de Paleville, D.** (2016, April). *Development of a scale of perceived exertion in children with spinal cord injury*. Poster presented at the annual University of Louisville Undergraduate Research Symposium. Louisville, KY.
- Steward, M. \*\*, Kloby, M., & **Terson de Paleville, D.** (2015, April). *Body composition in individuals with chronic spinal cord injury*. Poster presented at Research! Louisville 2015. Louisville, KY.
- Steward, M. \*\*, Kloby, M. \*, Love, M. \*, & **Terson de Paleville, D.** (2015, October). *Prediction of body composition in individuals with chronic spinal cord injury*. Poster presented at the University of Louisville, Undergraduate Symposium. Louisville, KY.
- Kloby, M. \*, McCulloch, J. \*, Lorenz, D., Aslan, S., & **Terson de Paleville, D.** (2014, May). *RPE-based submaximal oxygen consumption test using total body recumbent stepper in spinal cord injury individuals*. Poster presented at the American College of Sports Medicine National Conference. Orlando, FL.

- Walden, A. \*\*, Love, M. \*, Kloby, M. \*, Lorenz, D., & **Terson de Paleville, D.** (2014, April). *Estimation of Body Composition using Skinfolts Measurements in individuals with Spinal Cord Injury*. Poster presented at the annual National Conference for Undergraduate Research. Lexington, KY.
- Manning, J. \*\*, Love, M. \*, Kloby, M. \*, Lorenz, D. & **Terson de Paleville, D.** (2014, April). *Development of a RPE-based submaximal oxygen consumption test using total body recumbent stepper in spinal cord injury*. Poster presented at the annual National Conference for Undergraduate Research. Lexington, KY.
- Terson de Paleville, D.**, Trimble, S., Argetsinger, L., Love, M. \*, Howland, D., & Behrman, A. (2014, May). *Assessment of trunk motor control and pulmonary function in children with spinal cord injury*. Annual Kentucky Spinal Cord and Head Injury Research Trust (KSCHIRT) Symposium, Lexington, KY.
- Walden, A. \*\*, Love, M. \*, Kloby, M. \*, Lorenz, D., & **Terson de Paleville, D.** (2014, April). *Prediction of body composition in individuals with spinal cord injury*. University of Louisville-University Wide Undergraduate Research Symposium. Louisville, KY.
- Manning, J. \*\*, Love, M. \*, Kloby, M. \*, Lorenz, D., & **Terson de Paleville, D.** (2014, April). *Development of a RPE-based submaximal oxygen consumption test using total body recumbent stepper in spinal cord injury*. University-wide Undergraduate Research Symposium, Louisville, KY.
- Kloby, M. \*, McCulloch, J. \*, Lorenz, D., Aslan, S., & **Terson de Paleville, D.** (2013, October). *Validation of a RPE-based submaximal oxygen consumption test using a total body recumbent stepper for individuals with spinal cord injury*. Poster presented at Research! Louisville 2013. Louisville, KY.
- Terson de Paleville, D.**, Ovechkin, A., Aslan, S., McKay, W. B., & Harkema, S. (2013, October). *Locomotor training improves trunk motor control in spinal cord injured individuals*. Poster presented at Research! Louisville 2013. Louisville, KY.
- Terson de Paleville, D.** (2009, March). *Locomotor training improves pulmonary function in individuals with spinal cord injury*. University of Louisville Graduate Research Symposium. Louisville, KY.
- Ovechkin, A; McKay, WB; Harkema, S; **Terson de Paleville, D.**, & Vitaz, T. (2008, October). *Neurophysiological characterization of motor activity in individuals with acute spinal cord injury* Research! Louisville. Louisville, KY.
- Terson de Paleville, D.**, Ovechkin, A., McKay, W. B., & Harkema, S. (2008, October). *Effects of locomotor training on pulmonary function in individuals with spinal cord injury* Research! Louisville. Louisville, KY.
- Terson de Paleville, D.**, Ovechkin, A., McKay, W. B., & Harkema, S. (2008, April). *Respiratory motor control assessment in individuals with spinal cord injury*. Poster presented at the annual “Neuroscience Day” Society for Neuroscience Louisville Chapter. Louisville, KY.
- Ovechkin, A., McKay, W. B., Harkema, S., **Terson de Paleville, D.**, & Vitaz, W. T. (2008, October). *Neurophysiological characterization of motor activity in individuals with acute spinal cord injury*; Research! Louisville. Louisville, KY.
- Terson de Paleville, D.**, Ovechkin, A., McKay, W. B. & Harkema, S. (2008, October). *Effects of locomotor training on pulmonary function in individuals with spinal cord injury*; Research! Louisville. Louisville, KY.

**Terson de Paleville, D.**, Ovechkin, A., McKay, W. B., & Harkema, S. (2008, April). *Respiratory motor control assessment in individuals with spinal cord injury*. Poster presented at the annual “Neuroscience Day” Society for Neuroscience Louisville Chapter. Louisville, KY.

## INVITED PRESENTATIONS

---

**Terson de Paleville** (2022, April). Experimental Biology 2022 Symposium sponsored by the Teaching section of the American Physiological Society (APS) Innovative techniques for developing an inclusive teaching environment.

**Terson de Paleville, D.** (2020, March). Brain Injury Alliance of Kentucky Summit (BIAK-2020). Exercise Testing and Prescription Considerations for Special Populations

**Terson de Paleville, D.** (2020, January), University of Nebraska Medical School Omaha Cellular and Integrative Physiology seminar series, “Pulmonary Function and Cardiovascular Fitness after Spinal Cord Injury”

**Terson de Paleville, D.** (2018, May). II Annual Celebration Social Justice Research. Louisville, KY.

**Terson de Paleville, D.** (2017, May). *Navigating Institutional Partnerships*; panel presenter at the inaugural meeting for the Cooperative Consortium for Transdisciplinary Social Justice Research. Louisville, KY.

**Terson de Paleville, D.** (2017, March). *Grant writing in graduate school*. School of Interdisciplinary and Graduate Studies Graduate Student Grant Writing Academy, University of Louisville. Louisville, KY.

**Terson de Paleville, D.** (2015, February). *Locomotor training improves pulmonary function in children with spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2015, November) *Grant writing in graduate school*. School of Interdisciplinary and Graduate Studies Graduate Student Grant Writing Academy, University of Louisville. Louisville, KY.

**Terson de Paleville, D.** (2014, October). *Cardiovascular fitness and body composition in individuals with spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2014, January). *Development of a submaximal test to predict cardiovascular fitness in individuals with spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2013, February) *Opportunities to engage students in meaningful, relevant and useful learning*. University of Louisville “Celebration of Teaching and Learning.” Louisville, KY.

**Terson de Paleville, D.** (2013, January). *Body composition and metabolic function in individuals with chronic spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2011, July). *Respiratory muscle activation in individuals with chronic spinal cord injury: Effects of locomotor training* University of Louisville School of Medicine, Physiology & Biophysics Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2010, June). *Altered respiratory muscle activation patterns in individuals with chronic spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2010, February). *Respiratory muscle activation in individuals with chronic spinal cord injury: effects of different rehabilitative therapies*. University of Louisville School of Medicine, Physiology & Biophysics Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2009, May). *Respiratory motor control assessment in individuals with chronic spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

**Terson de Paleville, D.** (2008, September). *Effects of locomotor training in individuals with spinal cord injury*. Kentucky Spinal Cord Injury Research Center Seminar Series. Louisville, KY.

## TEACHING

---

University of Louisville, Louisville, KY- Department of Health & Sport Sciences

### *Graduate*

- EXP 600: Human Physiology
- EXP 601: Physiology of Exercise
- EXP 604: Advanced Topics in Exercise Physiology
- EXP 605: Human Physiology
- EXP 607: Neuromechanics of Human Movement

### *Undergraduate*

- HSS 101: Beginning Swimming
- HSS 102: Advanced Swimming
- HSS 114: Fitness Walking
- HSS 115: Step Aerobics
- HSS 108: Water Fitness
- HSS 112: Mini-Marathon Training
- HSS 115: Step Aerobics
- HSS 180: First Aid Responding to Emergencies
- HSS 181: Academic Orientation
- HSS 184: Healthy Lifestyles I
- HSS 202: Anatomy and Physiology
- HSS 386: Anatomy and Physiology I
- HSS 390: Anatomy and Physiology II
- HSS 387: Biomechanics
- HSS 597: Independent Studies in Exercise Sciences

HSS 486: Advanced Exercise Physiology

EXP 607/HSS 597: Neuromuscular Exercise Physiology

**The Citadel, Charleston, SC**

Department of Health, Exercise and Sport Sciences

***Undergraduate***

RPED 101: Beginning Swimming

RPED 102: Intermediate Swimming

RPED 180: First Aid and CPR

RPED115: Dance Aerobics

**SERVICE**

---

***Service to the Exercise Physiology and Exercise Science Programs***

2021-22	Exercise Sciences Undergraduate Program Academic Leadership Team.
2021-22	Exercise Sciences and Exercise Physiology Research Coordination Team.
2018- present	Exercise Sciences and Exercise Physiology programs' representative in Department of Health and Sport Science Curriculum committee.
2018	Member of the Exercise Physiology and Exercise Science Faculty Search Committee
2017-21	Mentor, Health and Human Performance Club
2017-22	Career Development Mentor, Exercise Sciences and Exercise Physiology
2017-20	Chair of the Exercise Physiology Research and Travel award committee
2012-20	Chair, Exercise Physiology Graduate Travel Awards Committee
2012-Present	Member, Exercise Physiology Program Committee
2012-17	Supervisor, Exercise Physiology Graduate Research & Teaching Assistants
2014-15	Chair, Exercise Physiology Research and Development Committee
2013	Co-Chair, Exercise Physiology and Exercise Science Faculty Search Committee
2012	Co-Chair, Exercise Physiology and Exercise Science Faculty Search Committee

***Service to the Department of Health and Sport Sciences***

2020-2021	Member on the Sport Administration Assistant professor search committee
2018-Present	Member of the Department Curriculum Committee
2018-Present	Member of the Department Personal Committee
2018-Present	Departmental representative and chair of Committee on Committees



- 2013-14 Member of the Department of Health and Sport Sciences Chair Search Committee
- 2011-16 Member of the Department of Health and Sport Sciences Research Committee
- 2014-16 Member of the Department of Health and Sport Sciences Diversity Committee
- 2013-14 Chair of the Department of Health and Sport Sciences Faculty Search Committee
- 2013 Co-Chair of the Exercise Physiology Search Committee
- 2012-15 Member of the Department of Health and Sport Science Research and Mentoring Committee
- 2012-15 Member of the Department of Health and Sport Sciences Diversity Committee

***Service to the College of Education and Human Development***

- 2022- present College of Education and Human Development, Faculty Advisory Committee member.
- 2021-present College of Education and Human Development, Chair of Committee on Committees
- 2018- present Member of the College of Education & Human Development Committee on committees.
- 2018-2020 Member of the College of Education & Human Development Research Advisory Committee
- 2019 Department of Educational Leadership, Evaluation and Organizational Development P-12 Educational Leadership Clinical Assistant Professor Search Committee
- 2013-14 Member of the College of Education & Human Development Dean Search Committee

***Service to the University***

- 2022-present University of Louisville Commission on Diversity and Racial Equity, Chair of the Communications and Marketing Committee (CODRE)
- 2021-present University of Louisville Faculty Senate representative for the Commission on Diversity and Racial Equity (CODRE)
- 2020-2021 Member of the College of Education and Human Development Dean search committee (CODRE representative)
- 2020- Present Commissioner in the Commission on Diversity and Racial Equity (CODRE)
- 2020-Present Member of the “Cardinals Anti-Racist Agenda” (CARA)
- 2018-Present Member of the University of Louisville Faculty Grievance
- 2013-Present Member of the University of Louisville Hispanic and Latino Faculty and Staff Association (HLFSA)
- 2014 University of Louisville, Designated Faculty Member for the Proposed Doctoral Program in Translational Neuroscience Doctor of Philosophy in Interdisciplinary Studies: Specialization in Translational Neuroscience

***Service to the Community***

- 2019 Organizer of the Science Fair 2019 at Floyds Knobs Elementary School; Floyds Knobs, IN.

- 2018 Organizer of the “Physiology Understanding Week 2018” Sponsored by the American Physiological Society at Highland Hills Middle School; Georgetown, IN
- 2018 Organizer of the “Physiology Understanding Week 2018” Sponsored by the American Physiological Society at Floyds Knobs Elementary School; Floyds Knobs, IN
- 2018 Organizer of the “Physiology Understanding Week 2017” Sponsored by the American Physiological Society at Floyds Knobs Elementary School; Floyds Knobs, IN
- 2018 Organizer of the Science Fair 2018 at Floyds Knobs Elementary School; Floyds Knobs, IN.
- 2016 Organizer of the “Physiology Understanding Week 2016” Sponsored by the American Physiological Society at Hawthorne Elementary School. Louisville, KY.
- 2016 Organizer of the 2<sup>nd</sup> “Bilingual Exercise Physiology Science Fair: exercise and learning” at Hawthorne Elementary School. Louisville, KY.
- 2016 Mentor for middle and high school students at the “6<sup>th</sup> annual Youth Science Summit” KY Science Center. Louisville, KY.
- 2015 Organizer of the “Physiology Understanding Week 2015” at Hawthorne Elementary School. Louisville, KY. Sponsored by the American Physiological Society at Hawthorne Elementary School. Louisville, KY.
- 2015 Organizer of the 1<sup>st</sup> “Bilingual Exercise Physiology Science Fair: Exercise and Learning” at Hawthorne Elementary School, Jefferson County Public School. Louisville, KY.
- 2012 Organizer of the “Physiology Understanding Week 2012”. Sponsored by the American Physiological Society at Sacred Heart School. Jeffersonville, IN.

***Professional Service***

- 2022-2025 American Physiological Society (APS) Chair of the Awards Committee for the Teaching of Physiology section (elected position).
- 2022-present American Spinal Injury Association (ASIA) member of the Diversity, Equity and Inclusion Committee.
- 2022 American Spinal Injury Association (ASIA) Organizer and speaker for the first “Introductory Workshop for Research Methods for Clinical Data for Physicians and other Health Care Providers in Latin America. (September 7<sup>th</sup>- October 12<sup>th</sup> 2022).
- 2021 American Spinal Injury Association (ASIA) 2021 Annual Meeting translator and interpreter for attendees.
- 2020-present American Physiological Society Teaching Experiences for Bioscience Educators Fellowship’s mentor.
- 2019- present Organizing committee member of the “Interactive Symposium for Physical Activity after Stroke and Spinal Cord Injury” Louisville, KY (October 17<sup>th</sup>, 2020)
- 2019- present American Spinal Injury Association (ASIA) “Americas” committee member.
- 2019- present Journal Reviewer, *International Journal of Exercise Sciences*.
- 2018- present Journal Reviewer, *Journal of Spinal Cord Medicine*.
- 2019- present Grant Reviewer. University of Louisville Transdisciplinary Consortium for Social Justice Research.

- 2020 Grant panel reviewer for “Small Business” for the National Institute on Disability Independent Living, and Rehabilitation Research (NIDILRR).
- 2018 Grant panel reviewer for “Health and Function” National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR).
- 2017 Journal Reviewer, *Journal of Neurorestoratology*
- 2014- 16 Journal Reviewer, *Archives of Physical Medicine and Rehabilitation*
- 2016 Content consultant for middle school age students “STEM in the Real-World Sports Science and Technology in the Real World” by Janet Slingerlands, ABDO publishing
- 2015 Assessor for the General Education KY Curriculum Committee for the Natural Sciences
- 2013-15 Grant panel reviewer for the US Department of Education, National Institute of Disability and Rehabilitation Research (NIDRR) Health and Function of Individuals with Disabilities
- 2012-15 Member of the Data Integrity and Dissemination Committee for Christopher and Dana Reeve Foundation NeuroRecovery Network

### **Thesis and Dissertations Committees**

#### ***Doctoral Committees***

- 2020- present Interdisciplinary Program in Translational Neurosciences (IPTN), doctoral dissertation committee chair.  
Student: Rachel Torres
- 2014-17 Physiology and Biophysics, doctoral dissertation committee member  
Student: Goutam Singh

#### ***Master’s Committees***

- 2017-2019 Exercise Physiology, Thesis Chair  
Student: Abigail Day
- 2017-2018 Exercise Physiology, Thesis Chair  
Student: Liliana Vargas
- 2017 Exercise Physiology Thesis Chair  
Student: Franklin Muntis
- 2016 Bioinformatics and Biostatistics, thesis committee member  
Student: Mary Gregg
- 2015-16 Exercise Physiology Research Thesis committee member  
Student: Sarah Sunderman
- 2012-13 Exercise Physiology Thesis Chair  
Student: John McCulloch

2011-12      Exercise Physiology Research Thesis committee member  
Student: Goutam Singh

***Non-Thesis Graduate Directed Studies***

2016      Exercise Physiology  
Student: Molly Ernst

2016      Exercise Physiology  
Student: Benjamin Jones

2016      Exercise Physiology  
Student: Jeffrey Manning

2016      Exercise Physiology  
Student: Wesley Newman

2016      Exercise Physiology  
Student: Amanda Roberts

2016      Exercise Physiology  
Student: James Seay

2016      Exercise Physiology  
Student: Sarah Sunderman

2013-14    Exercise Physiology  
Student: Goutam Singh

2012-14    Exercise Physiology  
Student: Michael Kloby

2012-14    Exercise Physiology  
Student: Matthew Love

2014      Exercise Physiology  
Student: Ryan Hayes

2014      Exercise Physiology  
Student: Masahiro Ono

2014      Exercise Physiology  
Student: Patrick Sims

2013      Exercise Physiology  
Student: Sana Ahmed

2013      Exercise Physiology  
Student: Guillermo Blanco

2013      Exercise Physiology  
Student: Elizabeth Granderson

2013 Exercise Physiology  
Student: Brittany Halcomb

2013 Exercise Physiology  
Student: Brandon Litz

2013 Exercise Physiology  
Student: Lindsay Rines

2013 Exercise Physiology  
Student: Derek Wright

2012-13 Exercise Physiology  
Student: Erin Wyles

2012-13 Exercise Physiology  
Student: Jakeria Everette

***Undergraduate research studies directed***

2022-present- Health and Sport Sciences- Exercise Sciences  
Student: JaNaya Turner

2022-present- Anatomical Sciences and Neurobiology- Neuroscience Capstone  
Student: Tryphena Sithu

2022-present- Health and Sport Sciences- Exercise Sciences  
Student: Jocrisse Uwimana

2019-20 Health and Sport Sciences- Exercise Sciences  
Student: Benjamin Engelbrecht

2019-20 Health and Sport Sciences- Exercise Sciences  
Student: Elizabeth Perrero

2018-19 Health and Sport Sciences- Exercise Sciences  
Student: Khalid Jones

2017-19 Chemical Engineering  
Student: Taylor Little

2017 Health and Sport Sciences- Exercise Sciences  
Student: Emily Fulkerson

2017 Health and Sport Sciences- Exercise Sciences  
Student: Nathaniel Cleary

2016 Health and Sport Sciences- Exercise Sciences  
Student: Alicia Akin

2016 Health and Sport Sciences- Exercise Sciences  
Student: Caitlin Gilmore

2016 Health and Sport Sciences- Exercise Sciences  
Student: Jasmine Ray

2016 Health and Sport Sciences- Exercise Sciences  
Student: Samuel Tunget

2015 Health and Sport Sciences- Exercise Sciences  
Student: Michala Baete

2015 Health and Sport Sciences- Exercise Sciences  
Student: Jenna Lee

2015 Health and Sport Sciences- Exercise Sciences  
Student: Jamie Redding

2014 Health and Sport Sciences- Exercise Sciences  
Student: Jeremy Toohy

2013 Health and Sport Sciences- Exercise Sciences  
Student: Cedric Burton

2013 Health and Sport Sciences- Exercise Sciences  
Student: Paul Jones

2013-14 Health and Sport Sciences- Exercise Sciences  
Student: Agyei Williams

2013-14 Health and Sport Sciences- Exercise Sciences  
Student: Walden, Amy

2013-14 Health and Sport Sciences- Exercise Sciences  
Student: Jeffrey Manning

2013-14 Health and Sport Sciences- Exercise Sciences  
Student: Jeremy Toohey

## **PROFESSIONAL AFFILIATIONS**

---

American Spinal Injury Association (ASIA)

American Physiological Society (APS)

Kentucky Spinal Cord Injury Research Center (KSCIRC)

Society for Neuroscience, Louisville Chapter

American Translators Association (ATA)