

Kory J. Zimney, PT, DPT, PhD

EDUCATION

Ph D, Nova Southeastern University, May 2020.

Major: Physical Therapy

Dissertation Title: Correlation of Trust and Outcomes Following Physical Therapy for Chronic Low Back Pain

Post Professional Doctorate of Physical Therapy (DPT), Des Moines University, December 2010.

Major: Physical Therapy

MS, University Of North Dakota, May 1994.

Major: Physical Therapy

Thesis Title: Reliability and Validity of the McConnell Patellofemoral Orientation Grading System

BS, University Of North Dakota, May 1993.

Major: Physical Therapy

ACADEMIC AND PROFESSIONAL POSITIONS

Academic - Post-Secondary

Professor, Department of Physical Therapy, University of South Dakota. (May 2025 - Present).

Chair, Public Health and Health Sciences Department, University of South Dakota. (May 2025 – Present).

Associate Dean, School of Health Sciences, University of South Dakota. (June 2022 - Present).

Director, PhD in Health Sciences, University of South Dakota. (June 2021 – Present).

Associate Professor, Department of Physical Therapy, University of South Dakota. (May 2019 - May 2025).

Assistant Professor, Department of Physical Therapy, University of South Dakota. (June 2013 - May 2019).

Adjunct Faculty, Department of Physical Therapy, University of South Dakota. (August 2010 - June 2013).

Professional

Senior Teaching Faculty, Evidence in Motion. (June 2012 - Present).

Physical Therapist, Mercy Medical Services-Business Health Clinic. (June 2010 - August 2017).

Staff Physical Therapist, Cherokee Regional Medical Center. (September 2009 - June 2010).

Senior Physical Therapist, Mercy Medical Center. (July 2006 - September 2009).

Clinical Manager, Rehabilitation Services, St. Luke's Health Systems. (July 1998 - July 2006).

Staff Physical Therapist, St. Luke's Health Systems. (July 1997 - July 1998).

Staff Physical Therapist, Campbell County Memorial Hospital. (June 1994 - July 1997).

Licenses and Certifications

Therapeutic Pain Specialist, Evidence in Motion. (December 2015).

Certification in Applied Functional Science, Gray Institute. (September 2013).

Certified Spinal Manual Therapist, International Spine and Pain Institute. (April 2013).

Certified to perform the Physical Capacity Profile Fit for Duty Testing, Occupational Performance Training Division. (January 2012).

Certified to perform the Physical Capacity Profile Testing, Occupational Performance Corporation Training Division. (September 2011).

APTA Advanced Credentialed Clinical Instructor, APTA. (April 2010).

APTA Credentialed Clinical Instructor, APTA. (October 2000).

Iowa PT License, IA PT/OT Board of Examiners. (1997 - May 2026).

Nebraska PT License, NE Department of Health and Human Services. (2013 - 2015).

Nebraska PT License, NE Department of Health and Human Services. (1997 - 2010).

South Dakota PT License, South Dakota Board of Physical Therapy. (July 1997 - December 2028).

Wyoming PT License, Wyoming Physical Therapy. (1994 - 1997).

Professional Memberships

APTA Section on Research. (May 2017 - Present).

International Association for the Study of Pain. (July 2014 - Present).

APTA Academy of Physical Therapy Education. (August 2013 - Present).

APTA Orthopaedics. (May 1995 - Present).

American Physical Therapy Association. (August 1991 - Present).

TEACHING

Teaching Experience

The University of South Dakota

HSC 761, Measurement in Health Research, 1 course

HSC 788, Research Problems/Projects, 1 course.

HSC 791, IS: Health Sciences, 4 courses.

HSC 898D, Dissertation, 5 courses.

PHTH 701, Intr Patient/Client Management, 1 course.

PHTH 702, Physical Agents/Electrotherapy, 9 courses.
PHTH 706, Client/Community Hlth Ed: PT, 4 courses.
PHTH 707, Health Promotion in PT, 4 courses.
PHTH 708, Teach/Mentor Hlth Professional, 3 courses.
PHTH 710, Movement Science, 8 courses.
PHTH 712, Professional Conduct & Ethics, 1 course.
PHTH 718, Pathophysiol/Differ Diagnos 1, 6 courses.
PHTH 724, Clinical Education I, 1 course.
PHTH 730, Musculoskeletal Phys Therapy I, 4 courses.
PHTH 731, Rehabilitation Neuroscience, 9 courses.
PHTH 732, Musculoskeletal Phys Ther II, 9 courses.
PHTH 734, Neuromuscular Phys Therapy I, 2 courses.
PHTH 738, Hlth Care Mgmt & Systems - PT, 11 courses.
PHTH 740, Musculoskeletal Phys Ther II, 8 courses.
PHTH 744, Neuromuscular Phys Therapy II, 1 course.
PHTH 746, Orthotics & Prosthetics, 3 courses.
PHTH 754, Integumentary PT II, 1 course.
PHTH 756, Clinical Competence Pt Mgmt, 6 courses.
PHTH 762, Clinical Education II, 3 courses.
PHTH 764, Clinical Education III, 1 course.
PHTH 772, Clinical Education IV, 2 courses.
PHTH 774, Clinical Education V, 1 course.
PHTH 781, Evidence Based Practice, 8 courses.
PHTH 785, Ind Clinical Project in PT, 1 course.
PHTH 786, Research Proposal Hlth Sci, 11 courses.
PHTH 787, Research Project in Health Sci, 44 courses.
UHON 498, Undergrad Research/Scholarship, 1 course.

Directed Student Learning

Dissertation Committee Chair, "The Impact of Intergenerational Program Participation on First-Year Physical Therapy Students' Knowledge of Aging and Beliefs and Attitudes Toward Older Adults: A Mixed Methods Study," HSC. (August 2025 - Present).
Advised: Catherine Staloch

Dissertation Committee Member, "COMPARING PATIENT OUTCOMES BETWEEN TREATMENTS PROVIDED BY PHYSICAL THERAPISTS AND PHYSICAL THERAPIST ASSISTANTS FOR A DIAGNOSIS OF KNEE PAIN IN OUTPATIENT SETTINGS," HSC. (August 2025 - Present).
Advised: Todd Nierman

Dissertation Committee Chair, "Diet Quality and Health Outcomes in Arab Immigrants in the Greater Dallas Area," HSC. (October 2024 - Present).
Advised: Zaira Ahmad

Dissertation Committee Chair, "DEVELOPMENT OF THE PARENTAL SCHOOL COMMUNITY SCALE," HSC. (August 2024 - Present).
Advised: Minga Vargas

Dissertation Committee Member, "Pain Education for People with Spinal Cord Injury," HSC. (September 2022 - Present).
Advised: Stephen Schmidt

Dissertation Committee Chair, "Physician Assistant Practice Characteristics in U.S. Emergency Departments; 2018-2022," HSC. (August 2024 - December 2025).
Advised: Fredrick Wu

Dissertation Committee Member, "Evaluation of a novel lifestyle intervention program to promote improved psychiatric and cardiovascular outcomes in people with schizophrenia and/or DDID and/or developmental and intellectual disabilities who are living in residential facilities," HSC. (August 2022 - December 2025).

Advised: Matthew Valissaris

Master's Thesis Committee Member, "MENTAL FATIGUE EFFECT ON JOINT REPOSITIONING." (May 2025).

Advised: Collin Kehrwald

Dissertation Committee Member, "Determining Impacts of the Matrix Model of Treatment for United States Military Veterans Diagnosed with Substance Use Disorder," HSC. (August 2020 - April 2023).

Advised: Christopher Strunk

Dissertation Committee Member, "The impact of opioid prescribing guidelines on patient pain management in Minnesota," HSC. (June 2019 - August 2021).

Advised: Jamie Smith

Dissertation Committee Member, "Virtual Reality Instructional Design and Its Application to Improving Clinical Decision Making in Orthopedic Physical Therapy Education," HSC. (August 2017 - April 2021).

Advised: Aaron Hartstein

Dissertation Committee Member, "DUAL-TASK ASSESSMENT AND ITS APPLICATION TO LOWER EXTREMITY RETURN TO PLAY TESTING," HSC. (August 2016 - May 2019).

Advised: Brandon Ness

Undergraduate Honors Thesis, "Comparison of Prosthetic Materials Used Across the United States," A&S. (June 2016 - May 2017).

Advised: Jenna Neugebauer

RESEARCH

Published Intellectual Contributions

Books

Louw, A., Puentedura, E., Schmidt, S., Zimney, K. (2022). *Understanding, Evaluating, and Treating Pain for the PT and PTA Student*. Minneapolis, MN: Orthopedic Physical Therapy Products (OPTP).

Louw, A., Puentedura, E., Schmidt, S., Zimney, K. (2019). *Integrating Manual Therapy and Pain Neuroscience - Twelve principles for treating the body and the brain*. Minneapolis, MN: OOPTP.

Louw, A., Puentedura, E., Schmidt, S., Zimney, K. (2018). *Pain Neuroscience Education – Teaching People about Pain, 2nd Edition* (2nd Ed.). Minneapolis, MN: Orthopedic Physical Therapy Products.

Louw, A., Zimney, K., Louw, C. (2014). *Why Are My Nerves So Sensitive?* (pp. 82). Story City, IA: International Spine and Pain Institute.

Refereed Journal Articles

Zimney, K., Turbak, T., Fjeldheim, E. (2025). Differences in tactile grid localization accuracy between people with back pain compared to individuals without pain. *Musculoskeletal Science and Practice*, 79, 103394. <https://doi.org/10.1016/j.msksp.2025.103394>

Louw, A., Schuemann, T. L., Smith, K., Benz, L., Zimney, K. (2025). Is there a correlation between length of employment and receiving a post-professional certification or residency in physical therapy? A pilot study. *WORK: A Journal of Prevention, Assessment & Rehabilitation*, 81(4), 3123-3129. <https://doi.org/10.1177/10519815251323990>

Calder, J., Louw, A., Zimney, K. (2025). Can a brief Pain Neuroscience Education Lecture Influence Middle School Student's Beliefs about Pain Medication? A Pilot Study. *Journal of Medical - Clinical Research & Reviews*, 9(5), 1-6. <https://doi.org/10.33425/2639-944x.1417>

Kehrwald, C., Daw, J., Zimney, K., Yang, H. S. (2025). Effects of mental fatigue on shoulder and knee joint repositioning in healthy college-aged males: A quasi-experimental study. *Research Quarterly for Exercise and Sport*.

Helms, J., Zimney, K., Weaver, P., Courtney, C., Wassinger, C. (2025). Competency-Based Education: Development of the Entry-Level Pain Entrustable Professional Activities for Workplace-Based Assessment. *Physical Therapy*. <https://doi.org/10.1093/ptj/pzaf126>

Kiefer, C. L., Louw, A., Weil, J. L., Zimney, K. (2024). Pain Neuroscience Education for Physical Therapy Assistant Students: An Exploratory Study. *Annals of Physiotherapy and Occupational Therapy*, 7(3), 1-7.

Louw, A., Schuemann, T., Zimney, K., Puentedura, E. J. (2024). Pain Neuroscience Education for Acute Pain. *International Journal of Sports Physical Therapy*, 19(6). <https://doi.org/10.26603/001c.118179>

Kosek, E., Nijs, J., Chiarotto, A., Cook, C., Danneels, L. A., Fernández-de-las-Peñas, C., Hodges, P. W., Koes, B., Louw, A., Ostelo, R., Scholten-Peeters, G. G., Sterling, M., Alkassabi, O., Alsobayel, H., Beales, D., Bilika, P., Clark, J. R., De Baets, L., Demoulin, C., de Zoete, R. M., Elma, Ö., Gutke, A., Hanafi, R., Boendermaker, S. H., Huysmans, E., Kapreli, E., Lundberg, M., Malfliet, A., Filho, N. M., Reis, F. J., Voogt, L., Zimney, K., Smeets, R., Morlion, B., de Vlam, K., George, S. Z. (2024). Contesting the BACPAP consortium's consensus – Authors' reply. *The Lancet Rheumatology*, 6(7), e419-e420. [https://doi.org/10.1016/s2665-9913\(24\)00130-9](https://doi.org/10.1016/s2665-9913(24)00130-9)

Zimney, K., Puentedura, E., Kolber, M. J., Louw, A. (2024). The correlation of trust as part of the therapeutic alliance in physical therapy and their relation to outcomes for patients with chronic low back pain. *Physiotherapy Theory and Practice*, 1-8.

Nijs, J., Kosek, E., Chiarotto, A., Cook, C., Danneels, L. A., Fernández-de-las-Peñas, C., Hodges, P. W., Koes, B., Louw, A., Ostelo, R., Scholten-Peeters, G. G., Sterling, M., Alkassabi, O., Alsobayel, H., Beales, D., Bilika, P., Clark, J. R., De Baets, L., Demoulin, C., de Zoete, R. M., Elma, Ö., Gutke, A., Hanafi, R., Hotz Boendermaker, S., Huysmans, E., Kapreli, E., Lundberg, M., Malfliet, A., Meziat Filho, N., Reis, F. J., Voogt, L., Zimney, K., Smeets, R., Morlion, B., de Vlam, K., George, S. Z. (2024). Nociceptive, neuropathic, or nociplastic low back pain? The low back pain phenotyping (BACPAP) consortium's international and multidisciplinary consensus recommendations. *The Lancet Rheumatology*, 1-12. [https://doi.org/10.1016/s2665-9913\(23\)00324-7](https://doi.org/10.1016/s2665-9913(23)00324-7)

Tao, H., Ness, B., Zimney, K. (2024). Use of a Running Journal to Guide Return to Competition in an Injured Collegiate Runner: A Case Report. *Orthopedic Physical Therapy Practice*, 36(1), 14-18.

Stevens-Lapsley, J., Hicks, G. E., Zimney, K., Slaven, E. J., Manal, T. J., Jeffries, L. M. (2023). Research Agenda for Physical Therapy From the American Physical Therapy Association. *Physical Therapy*, 103(10). <https://doi.org/10.1093/ptj/pzad126>

Louw, A., Louw, C., Podalak, J., Zimney, K., DeLorenzo, J., Maiers, N., Puentedura, E. J., Mintken, P. (2023). Pain Neuroscience Education in Elementary and Middle Schools. *Pediatric Physical Therapy*, 35(3), 330-337. <https://doi.org/10.1097/pep.0000000000001018>

Zimney, K., Van Bogaert, W., Louw, A. (2023). The Biology of Chronic Pain and Its Implications for Pain Neuroscience Education: State of the Art. *Journal of Clinical Medicine*, 12(13), 4199. <https://doi.org/10.3390/jcm12134199>

Louw, A., Zimney, K., Stopher, D., Saldanha, K. Glen, Shockley, J., Elliott, L., Mocera, D., Cox, T. (2023). Pain Neuroscience Education Delivered Through Virtual Reality for Common Musculoskeletal Conditions Seen in Physical Therapy: An Exploratory Study. *Reports on Global Health Research*, 6(157). <https://doi.org/10.29011/2690-9480.100157>

Zimney, K., Louw, A., Roosa, C., Maiers, N., Sumner, K., Cox, T. (2022). Cross-sectional analysis of generational differences in pain attitudes and beliefs of patients receiving physical therapy care in outpatient clinics. *Musculoskeletal Science and Practice*, 102682. <https://doi.org/10.1016/j.msksp.2022.102682>

Shepherd, M. H., Zimney, K., Bement, M. H., Wassinger, C., Courtney, C. (2022). Empowering Physical Therapist Professional Education Programs to Deliver Modern Pain Content. *Physical Therapy*, 102(11), pzac109. <https://doi.org/10.1093/ptj/pzac109>

Louw, A., Puentedura, E. J., Denninger, T. R., Lutz, A. D., Cox, T., Zimney, K., Landers, M. R. (2022). The clinical impact of pain neuroscience continuing education on physical therapy outcomes for patients with low back and neck pain. *PLOS ONE*, 17(4), e0267157. <https://doi.org/10.1371/journal.pone.0267157>

O'Neill, M., Louw, A., Podalak, J., Maiers, N., Cox, T., Zimney, K. (2022). A Case-Series of Dry Needling as an Immediate Sensory Integration Intervention. *Journal of Manual & Manipulative Therapy*, 30(3), 165-171. <https://doi.org/10.1080/10669817.2021.2011556>

Zimney, K., Puentedura, E., Kolber, M. J., Louw, A. (2022). The relationship between trust and outcomes during physical therapy care for chronic low back pain. *Physiotherapy Theory and Practice*, 1-8. <https://doi.org/10.1080/09593985.2022.2138731>

Hartstein, A. J., Verkuyl, M., Zimney, K., Yockey, J., Berg-Poppe, P. (2022). Virtual Reality Instructional Design in Orthopedic Physical Therapy Education: A Mixed-Methods Usability Test. *Simulation & Gaming*, 53(2), 111-134. <https://doi.org/10.1177/10468781211073646>

Hartstein, A. J., Zimney, K., Verkuyl, M., Yockey, J., Berg-Poppe, P. (2022). Virtual Reality Instructional Design in Orthopedic Physical Therapy Education: A Randomized Controlled Trial. *Journal of Physical Therapy Education*, 36(2), 176-184. <https://doi.org/10.1097/jte.0000000000000221>

Zimney, K., Ness, B. M., Chaput, M., Lucas, K. (2022). A Multi-Systems Approach to Human Movement after ACL Reconstruction: The Nervous System. *IJSPT*, 17(1), 47-59.

Zimney, K., Dendinger, G., Engel, M., Mitzel, J. (2022). Comparison of reliability and efficiency of two modified two-point discrimination tests and two-point estimation tactile acuity test. *Physiotherapy Theory and Practice*, 38(1), 235-244.
<https://doi.org/10.1080/09593985.2020.1719563>

Helms, J. T., Mayhew, T. P., Zimney, K. (2021). The Effectiveness of Active Learning Approaches in a Pain Education Curriculum within a Physical Therapy Program. *JOPTE*, 35(3), 218-226.

Zimney, K., Horning, M., Laycock, L., Terwilliger, L. (2021). Inter-Rater Reliability of Grid Localization Test of Tactile Spatial Localization for the Low Back. *EC Orthopedics*, 12(6), 22-27. <https://www.ecronicon.com/ecor/ECOR-12-00794.php>

Lucas Molitor, W., Naber, A., Cleveland, T., Regnerus, C., Zimney, K., Wesner, C., Kupershmidt, S. (2021). Exploring Interprofessional Activities that Address Poverty, Social Determinants of Health, Homelessness, and Chronic Pain. *Health, Interprofessional Practice, and Education*, 4(2), 1-14.

Louw, A., Sluka, K. A., Nijs, J., Courtney, C. A., Zimney, K. (2021). Revisiting the Provision of Pain Neuroscience Education: An Adjunct Intervention for Patients but a Primary Focus of Clinician Education. *Journal of Orthopedic & Sports Physical Therapy*, 51(2), 57-59.
<https://doi.org/10.2519/jospt.2021.9804>

Naber, A., Adamson, A. J., Berg-Poppe, P., Ikiugu, M., Tao, H., Zimney, K. (2021). Using Embedded Encounters to Promote Cultural Humility in Occupational Therapy and Physical Therapy Education. *Journal of Occupational Therapy Education*, 5(1).
<https://encompass.eku.edu/jote/vol5/iss1/13>

Louw, A., Goldrick, S., Bernstetter, A., Van Gelder, L. H., Parr, A., Zimney, K., Cox, T. (2021). Evaluation is treatment for low back pain. *Journal of Manual & Manipulative Therapy*, 29(1), 4-13. <https://doi.org/10.1080/10669817.2020.1730056>

Ness, B. M., Zimney, K., Schweinle, W. E., Cleland, J. A. (2020). DUAL-TASK ASSESSMENT IMPLICATIONS FOR ANTERIOR CRUCIATE LIGAMENT INJURY: A SYSTEMATIC REVIEW. *International Journal of Sports Physical Therapy*, 15(6), 840-855.
<https://doi.org/10.26603/ijsppt20200840>

Ness, B. M., Albright, J., Ehlers, B., Glasoe, T., Selby, S., Zimney, K., Kerozek, T. (2020). The influence of center line width during the crossover hop test. *Physical Therapy in Sport*, 46, 63-69. <https://doi.org/10.1016/j.ptsp.2020.08.005>

Louw, A., Schmieder, A., Peppin, E., Farrell, K., Zimney, K., Maiers, N. (2020). Can a Pain Neuroscience Education Lecture Alter Treatment Choices for Chronic Pain in Physician Assistant Students? *Psychological Disorders and Research*, 3(2), 1-5.
<https://doi.org/10.31487/j.pdr.2020.02.03>

Louw, A., Landrus, R., Podolak, J., Benz, P., DeLorenzo, J., Davis, C., Rogers, A., Cooper, K., Louw, C., Zimney, K., Puentedura, E. J., Landers, M. R. (2020). Behavior Change Following Pain Neuroscience Education in Middle Schools: A Public Health Trial. *International Journal of Environmental Research and Public Health*, 17(12), 4505.
<https://doi.org/10.3390/ijerph17124505>

Ness, B., Zimney, K., Kerozek, T., Schweinle, W., Schweinle, A. (2020). Incorporating a Dual-Task Assessment Protocol with Functional Hop Testing. *International Journal Sports Physical Therapy*, 15(3), 407-420.

Louw, A., Puentedura, E. J., Reed, J., Zimney, K., Grimm, D., Landers, M. R. (2019). A controlled clinical trial of preoperative pain neuroscience education for patients about to undergo total knee arthroplasty. *Clinical Rehabilitation*, 33(11), 1722-1731.
<https://doi.org/10.1177/0269215519857782>

Ness, B., Tao, H., Javers, D., Thielsen, A., Tvedt, H., Whitcher, J., Zimney, K. (2019). Development of an upper extremity 'swing count' and performance measures in NCAA Division I volleyball players over a competitive season. *International Journal of Sports Physical Therapy*, 14(4), 582-591.

Louw, A., Puentedura, E., Diener, I., Zimney, K., Cox, T. (2019). Pain Neuroscience Education: Which Pain Neuroscience Education Metaphor Worked Best? *South African Journal of Physiotherapy*, 75(1), a1329.

Louw, A., Pololak, J., Benz, P., Landrus, R., DeLorenzo, J., Davis, C., Rogers, A., Cooper, K., Kruse, A., Kruse, B., Zimney, K. (2019). A Randomized Controlled Trial of Different Single Pain Education Sessions in Middle School Students: Immediate Effects. *Journal of Physiotherapy Pain Association*, 47, 14-24.

Podolak, J., Louw, A., Benz, P., Louw, C., Zimney, K. (2019). A Randomized Trial of Live versus Video Delivery of Pain Neuroscience Education for Middle School Children. *Psychological Disorders and Research*, 2(2), 1-6. www.sciercerepository.org

Louw, A., Zimney, K., Reed, J., Landers, M., Puentedura, E. J. (2019). Immediate preoperative outcomes of pain neuroscience education for patients undergoing total knee arthroplasty: A case series. *Physiotherapy Theory and Practice*, 35(6), 543-553.
<https://doi.org/10.1080/09593985.2018.1455120>

Ness, B. M., Tao, H., Javers, D., Thielsen, A., Tvedt, H., Whitcher, J., Zimney, K. (2019). DEVELOPMENT OF AN UPPER EXTREMITY 'SWING COUNT' and Performance Measures in NCAA Division I Volleyball Players over A COMPETITIVE SEASON. *International Journal of Sports Physical Therapy*, 14(4), 582-591. <https://doi.org/10.26603/ijsp20190582>

Louw, A., Schmidt, S., Zimney, K., Puentedura, E. J. (2019). Treat the Patient, Not the Label: A Pain Neuroscience Update. *Journal of Women's Health Physical Therapy*, 43(2), 89-97.
<https://doi.org/10.1097/jwh.0000000000000121>

Ness, B., Sudhagnoni, R., Tao, H., Full, O., Seehafer, L., Walder, C., Zimney, K. (2018). The reliability of a novel heel-rise test versus goniometry to assess plantarflexion range of motion. *Int J Sports Phys Ther*, 13(1), 19-27.

Louw, A., Podalak, J., Zimney, K., Schmidt, S., Puentedura, E. J. (2018). Can pain beliefs change in middle school students? A study of the effectiveness of pain neuroscience education. *Physiotherapy Theory and Practice*, 34(7), 542-550.
<https://doi.org/10.1080/09593985.2017.1423142>

Louw, A., Zimney, K., Cox, T., O'Hotto, C., Wassinger, C. A. (2018). The experiences and beliefs of patients with complex regional pain syndrome: An exploratory survey study. *Chronic Illness*, 14(2), 104-118. <https://doi.org/10.1177/1742395317709329>

Ness, B. M., Sudhagnoni, R. G., Tao, H., Full, O. R., Seehafer, L. O., Walder, C. M., Zimney, K. (2018). THE RELIABILITY OF A NOVEL HEEL-RISE TEST VERSUS GONIOMETRY TO ASSESS PLANTARFLEXION RANGE OF MOTION. *International Journal of Sports Physical Therapy*, 13(1), 19-27. <https://doi.org/10.26603/ijsp20180019>

Louw, A., Zimney, K., Johnson, E. A., Kraemer, C., Fesler, J., Burcham, T. (2017). De-educate to re-educate: aging and low back pain. *Aging Clinical and Experimental Research*, 29(6), 1261-1269. <https://doi.org/10.1007/s40520-017-0731-x>

Louw, A., Puentedura, E. J., Zimney, K., Cox, T., Rico, D. (2017). The clinical implementation of pain neuroscience education: A survey study. *Physiotherapy Theory and Practice*, 33(11), 869-879. <https://doi.org/10.1080/09593985.2017.1359870>

Zimney, K., Wassinger, C. A., Goranson, J., Kingsbury, T., Kuhn, T., Morgan, S. (2017). The reliability of card-based and tablet-based left/right judgment measurements. *Musculoskeletal Science and Practice*. doi.org/10.1016/j.msksp.2017.09.002

Louw, A., Farrell, K., Zimney, K., Feller, K., Jones, C., Martin, B., Rettenmeier, M., Theisen, M., Wedeking, D. (2017). Pain and Decreased Range of Motion in Knees and Shoulders: A Brief Sensory Remapping Intervention. *Pain and Rehabilitation*(43 (Summer 2017)), 20-30.

Louw, A., Zimney, K., Landers, M. (2017). Assessing posture in the individual with fibromyalgia, what's the value? *Pain and Rehabilitation: The Journal of the Physiotherapy Pain Association*, Winter 2017(42), 15-23.

Ness, B. M., Zimney, K., Schweinle, W. E. (2017). Analysis of Gauntlet Test Performance and Injury Risk in Intercollegiate Division I Female Soccer (Football) Players: A Retrospective Study. *Journal of Sport Rehabilitation*, 26(6), 536-543. <https://doi.org/10.1123/jsr.2016-0097>

Louw, A., Diener, I., Landers, M. R., Zimney, K., Puentedura, E. J. (2016). Three-year follow-up of a randomized controlled trial comparing preoperative neuroscience education for patients undergoing surgery for lumbar radiculopathy. *Journal of Spine Surgery*, 2(4), 289-298. <https://doi.org/10.21037/jss.2016.12.04>

Louw, A., Puentedura, E. J., Zimney, K. (2016). Teaching patients about pain: It works, but what should we call it? *Physiotherapy Theory and Practice*, 32(5), 328-331. <https://doi.org/10.1080/09593985.2016.1194669>

Louw, A., Zimney, K., O'Hotto, C., Hilton, S. (2016). The clinical application of teaching people about pain. *Physiotherapy Theory and Practice*, 32(5), 385-395. <https://doi.org/10.1080/09593985.2016.1194652>

Diener, I., Puentedura, E. J., Zimney, K., Louw, A. (2016). The efficacy of pain neuroscience education on musculoskeletal pain: A systematic review of the literature. *Physiotherapy Theory and Practice*, 32(5), 332-355. <https://doi.org/10.1080/09593985.2016.1194646>

Louw, A., Zimney, K., Puentedura, E. J. (2016). Retention of pain neuroscience knowledge: A multi-centre trial. *New Zealand Journal of Physiotherapy*, 44(2), 93-98. <https://doi.org/10.15619/nzjp/44.2.04>

Louw, A., Zimney, K., Landers, M. R., Luttrell, M., Clair, B., Mills, J. (2016). A randomised controlled trial of 'clockwise' ultrasound for low back pain. *South African Journal of Physiotherapy*, 72(1), 7. <https://doi.org/10.4102/sajp.v72i1.306>

Louw, A., Puentedura, E. J., Zimney, K., Schmidt, S. (2016). Know Pain, Know Gain? A Perspective on Pain Neuroscience Education in Physical Therapy. *Journal of Orthopedic and Sports Physical Therapay*, 46(3), 131-134. <https://doi.org/10.2519/jospt.2016.0602>

Louw, A., Puentedura, E. J., Zimney, K. (2015). A Clinical Contrast: Physical Therapists with Low Back Pain Treating Patients with Low Back Pain. *Physiotherapy and Practice*, 31(8), 562-567. dx.doi.org/10.3109/09593985.2015.1062944

Zimney, K. (2014). Moving Past the Normalization Heuristic to Unravel the Mystery of Pain. *Phys Med Rehabil Int*, 1(4), 2.

Zimney, K., Louw, A., Puentedura, E. J. (2014). Use of Therapeutic Neuroscience Education to address psychosocial factors associated with acute low back pain: a case report. *Physiotherapy Theory and Practice*, 30(3), 202-209.
<https://doi.org/10.3109/09593985.2013.856508>

Conference Proceedings

Fercho, K. A., Baugh, L. A., Louw, A., Zimney, K. (2017). In Meeus, Mira; Lundberg, Mari (Ed.), *Pain neuroscience education effect on pain matrix processing in an individual with complex regional pain syndrome: a single-subject research design* (1st ed., vol. 2, pp. e583). Pain Reports.
Web link for the conference proceeding

Newspaper article

Zimney, K. (2025). Pain Science: Rethinking how we experience pain. *The Prairie Doc*.
[Web link for the newspaper article](#)

Pod casts/TEDx

Zimney, K. (2025). *NextLevel: Pain Science - An interview with Kory Zimney, PT, DPT, PhD*.
OPTP Products. [NextLevel: Pain Science podcast link](#)

Zimney, K. (2025). *Ep 173 - Graded Motor Imagery with Dr. Kory Zimney*. PT Pro Talk Podcast.
[Graded Motor Imagery podcast link](#)

Zimney, K (2023). Understanding Pain and What to do about it. TEDxUSD.
[TEDx talk link for Understanding Pain and What to do about it](#)

Presentations Given

Helms, J., Martin, S., Wassinger, C., Courtney, C., Zimney, K., Weaver, P., Marsden, J., Combined Sections Meeting, "Pain Leads the Way: Creating and Validating Entrustable Professional Activities for Clinical Educators," APTA CSM Academy of Education., Houston, TX. (February 2025).

Zimney, K., Louw, A., Vogsland, B., Combined Sections Meeting, "Phantom Limb Pain: A Pain Science, Neuroplasticity and Graded Motor Imagery Update," APTA CSM Federal Section, Houston, TX. (February 2025).

Helms, J., Ball, J., Zimney, K., APTA Combined Sections Meeting, "Virtual Lecture, Live Lecture, Flipped Classroom: Does Dpt Pain Delivery Format Affect Student Pain Beliefs?," American Physical Therapy Association, Houston, TX. (February 14, 2025).

Helms, J., Wassinger, C., Zimney, K., Weaver, P., Courtney, C., Educational Leadership Congress, "Clinical Application of Competency-Based Education: DPT Entrustable Professional Activities for Pain," APTA, Philadelphia, PA. (October 2023).

Zimney, K., International Symposium of Pediatric Pain, "School-based Interventions for Chronic Pain in Children (Teaching Kids about pain in US Middle Schools)," IASP, Halifax, Nova Scotia. (October 2023).

Zimney, K., University of Iowa Sports Medicine Symposium, "What I've learned about clinician/patient interactions," University of Iowa, Iowa City, IA. (December 2022).

Zimney, K., University of Iowa Sports Medicine Symposium, "Helping Patients Understand Why They Hurt," University of Iowa, Iowa City, IA. (December 2022).

Hartstein, A. (Presenter & Author), Zimney, K. (Author Only), Verkuyl, M. (Author Only), Yockey, J. (Author Only), Berg-Poppe, P. (Author Only), APTA-SD Fall Meeting -- Marquette Challenge Presentation Session, "Virtual reality in physical therapy education: a RCT comparing virtual reality and standardized patient experiences," APTA-SD, Virtual. (November 2021).

Hartstein, A. (Presenter & Author), Berg-Poppe, P. (Author Only), Verkuyl, M. (Author Only), Yockey, J., Zimney, K., 2021 Educational Leadership Conference, "Virtual Reality in Physical Therapy Education: A RCT Comparing Virtual Reality and Standardized Patient Experiences," Academic of Physical Therapy Educators, American Physical Therapy Association, Atlanta, Georgia. (October 23, 2021).

Harrington, S. E., Alappattuu, M., Hoeger Bement, M., Wassinger, C., Sluka, K. A., Zimney, K., Combined Sections Meeting, "21st Century Pain Education – Implementing Recommended Core Competencies into Physical Therapist Education," American Physical Therapy Association, Virtual. (February 2021).

Zimney, K., Maloney-Hills, C., Combined Sections Meeting, "Diving into the Pain Revolution - Land Therapy, Aquatic Therapy or Both?," American Physical Therapy Association, Virtual. (February 2021).

Louw, A., Zimney, K., Schmidt, S., Podolak, J., Combined Sections Meeting, "Graded Motor Imagery 101: What every clinician should know and do," American Physical Therapy Association, Virtual. (February 2021).

Lucas Molitor, W., Naber, A., Kupershmidt, S., Cleveland, T., Regnerus, C., Wesner, C., Zimney, K., Nexus Summit 2020, "Designing and Implementing Interprofessional Education Experiences Responsive to Critical Healthcare Issues," National Center for Interprofessional Practice and Education. (August 13, 2020).

Wassinger, C. (Presenter & Author), McGrath, J. (Presenter & Author), Clayton, A. (Presenter & Author), Bourassa, M. D. (Presenter & Author), King, P. M. (Presenter & Author), Zimney, K. (Author Only), 26th Annual ASSET Meeting, "Consensus No More! Proposed Addendum to the ASSET Consensus Guidelines for Anterior Capsulolabral Repair and Rotator Cuff Repair," American Society of Shoulder and Elbow Therapists, Chicago, IL. (October 11, 2019).

Tao, H. (Presenter & Author), Ness, B. (Author Only), Zimney, K. (Author Only), Third World Congress of Sports Physical Therapy, "Use of a novel, individualized running journal to guide return to competition in collegiate runners with running-related injuries: a case series," International Federation of Sports Physical Therapy, Vancouver, BC, Canada. (October 4, 2019).

Ness, B. (Presenter & Author), Tao, H. (Author Only), Zimney, K. (Author Only), Javers, D. (Author Only), Thielsen, A. (Author Only), Whitcher, J. (Author Only), 2019 Combined Sections Meeting, "Hit count' and upper extremity performance measures in NCAA Division I volleyball players," American Physical Therapy Association, Washington, DC. (January 26, 2019).

Tao, H. (Presenter Only), Ness, B. (Presenter Only), Zimney, K. (Presenter Only), Lentz, T. (Presenter Only), Christopherson, Z. (Presenter Only), Matheson, J.W. (Presenter Only), Gist, M. (Presenter Only), 2019 Combined Sections Meeting, "The Athlete in Pain: Moving Beyond the Tissues to the Person," American Physical Therapy Association, Washington, DC. (January 25, 2019).

McGrath, J. (Presenter & Author), Clayton, A. (Author Only), Wassinger, C. (Author Only), Zimney, K., King, P. (Author Only), Bourassa, M. (Author Only), American Academy of Orthopaedic Manual Physical Therapist Annual Meeting, "Utilization of Graded Motor Imagery, Contralateral Strength Training and Aerobic Exercise in Patients with Immobilized Extremities," AAOMPT, Reno, NV. (November 2018).

Zimney, K., 2018 CBBRe Research Symposium, "Pain Neuroscience Education - Helping patients understand why they hurt," USD Center for Brain and Behavior Research, Muenster University Center. (August 9, 2018).

Zimney, K. (Presenter & Author), Louw, A. (Author Only), Johnson, J. (Author Only), Peppers, S. (Author Only), Farrell, K. (Author Only), Eastern South Dakota Research Symposium, "Effects of Pain Neuroscience Education on Physician Assistant Students Understanding of Pain and Attitudes and Beliefs about Pain," Sanford Research, Sioux Falls, SD. (May 30, 2018).

Zimney, K. (Presenter & Author), Goranson, J. (Presenter & Author), Kingsbury, T. (Presenter & Author), Kuhn, T. (Presenter & Author), Morgan, S. (Presenter & Author), Wassinger, C. (Presenter & Author), Combined Sections Meeting, "The reliability of card-based and tablet-based left/right judgment measurements," APTA, New Orleans, LA. (February 2018).

Ness, B. (Presenter & Author), Sudhagnoni, R. (Author Only), Tao, H. (Author Only), Zimney, K. (Author Only), Full, O. (Presenter & Author), Seehafer, L. (Presenter & Author), Walder, C. (Presenter & Author), Combined Sections Meeting 2018, "The reliability of a novel heel rise test versus goniometry to assess plantarflexion range of motion," American Physical Therapy Association, New Orleans, LA. (February 2018).

Zimney, K. (Presenter & Author), Pain Science in Motion Colloquium, "Correlation of Trust and Outcomes Following Physical Therapy for Chronic Low Back Pain.,," Pain Science in Motion, Stockholm, Sweden. (March 2017).

Zimney, K. (Presenter & Author), Baugh, L. A. (Author Only), Fercho, K. A. (Author Only), Pain Science in Motion Colloquium, "Pain Neuroscience Education Effect on Pain Matrix processing in and Individual with Complex Regional Pain Syndrome: A Single Subject Research Design," Pain Science in Motion, Stockholm, Sweden. (March 2017).

MacCabe, A. (Presenter & Author), Ekstrom, R. (Presenter & Author), Bloom, S. (Presenter & Author), Tobin, K. (Presenter & Author), Zimney, K. (Presenter & Author), Combined Sections Meeting, "The ratio of muscle strength between external/internal rotation and flexion/extension of the shoulder measured with a Cybex isokinetic unit compared to a 10-repetition maximum using a pulley system," American Physical Therapy Association, San Antonio, TX. (February 17, 2017).

Louw, A. (Presenter & Author), Zimney, K. (Presenter & Author), Schmidt, S. (Presenter & Author), Combined Sections Meeting, "Words That Harm and Words That Heal in the Front Office," American Physical Therapy Association, San Antonio, TX. (February 17, 2017).

Zimney, K. (Presenter & Author), Ness, B. (Presenter & Author), Laufmann, S. (Presenter & Author), Muehler, M. (Presenter & Author), Sarringar, T. (Presenter & Author), Combined Sections Meeting, "Reliability and Norms of Pressure Pain Threshold Testing in Healthy

Subjects Lateral Wrist Extensor Muscles," American Physical Therapy Association, San Antonio, TX. (February 16, 2017).

Zimney, K. (Presenter & Author), Schmidt, S. (Presenter & Author), ISPI Clinical Conference, "Graded Motor Imagery," International Spine and Pain Institute, Minneapolis, MN. (June 24, 2016).

Ness, B. (Presenter & Author), Zimney, K. (Author Only), Schweinle, W. (Author Only), XXV International Conference of Sport Rehabilitation and Traumatology. Football Medicine Strategies: Return to Play, "Gauntlet Test Performance and Injury Risk in Collegiate Female Soccer Players," Isokinetic Medical Group, London, United Kingdom. (April 9, 2016).

Zimney, K., Jordre, B., Inglis, L., Peterson, A., Way, A., Richey, J., Ebke, W., Combined Sections Meeting, "Utilization of Sensory Discrimination Training for Improving Balance and Function in an Older Adult: A Case Report," American Physical Therapy Association, Anaheim, CA. (February 18, 2016).

Zimney, K. (Presenter & Author), National Student Conclave, "Pain is Not a Thing: Moving Your Patient Through a Pain Experience with Therapeutic Neuroscience Education," American Physical Therapy Association, Omaha, NE. (October 23, 2015).

Karges, J. (Author Only), Berg-Poppe, P. (Presenter & Author), Gilkerson, S. (Author Only), Webster, K. (Author Only), Nissen, R. (Author Only), Zimney, K. (Author Only), 2015 Combined Sections Meeting of the American Physical Therapy Association, "Examining Relationships Between Physical Therapist and Occupational Therapy Students' Belongingness and Perceived Competence in the Clinic Using the Ascent to Competence Scale," American Physical Therapy Association, Education Section, Indianapolis IN. (February 6, 2015).

Zimney, K. (Presenter & Author), SDPTA Fall Conference, "Pain Neuroscience Topics," South Dakota Physical Therapy Association, Sioux Falls, SD. (September 2014).

Zimney, K. (Presenter & Author), New Mexico - APTA Fall Conference, "Complex Regional Pain Syndrome," New Mexico Physical Therapy Association, Albuquerque, NM. (August 23, 2014).

Zimney, K. (Presenter & Author), New Mexico - APTA Fall Conference, "Therapeutic Neuroscience Education," New Mexico Physical Therapy Association, Albuquerque, NM. (August 23, 2014).

Zimney, K. (Presenter & Author), NEXT Conference, "Use of Therapeutic Neuroscience Education to Address Psychosocial Factors Associated with Acute Low Back Pain: A Case Report," American Physical Therapy Association, Charlotte, NC. (June 2014).

Zimney, K., Puentedura, L., ISPI Clinical Conference, "Neuroscience of Neurodynamics," International Spine and Pain Institute, Minneapolis, MN. (June 21, 2014).

Zimney, K., KPTA Spring Conference, "Pain Neuroscience Topics," Kansas Physical Therapy Association, Wichita, KS. (April 2014).

Karges, J. (Author Only), Berg-Poppe, P. (Author Only), Gilkerson, S. (Presenter & Author), Webster, K. (Presenter & Author), Nissen, R. (Author Only), Zimney, K. (Author Only), 2014 University of South Dakota IdeaFest and Graduate Research Forum, "Examining Relationships Between Physical Therapist and Occupational Therapy Students' Belongingness and Perceived Competence in the Clinic Using the Ascent to Competence Scale," University of South Dakota School of Health Sciences, Vermillion, SD. (April 9, 2014).

Zimney, K. (Author Only), Ekstrom, R. (Author Only), Byrnes, E. (Presenter & Author), Hill, J. (Presenter & Author), Sousek, Z. (Presenter & Author), IDEA Fest, "The Effects of Ischemic Compression and Massage on Pain Pressure Threshold in subjects with Muscle Trigger Points in the Shoulder Girdle," University of South Dakota, Vermillion, SD. (April 9, 2014).

Zimney, K. (Author Only), Jordre, B. (Author Only), Inglis, L., Ebke, W. (Presenter & Author), Peterson, A. (Presenter & Author), Richey, J. (Presenter & Author), Way, A. (Presenter & Author), IDEA Fest, "Utilization of sensory discrimination training for improving balance and function in an older adult: a case report," University of South Dakota, Vermillion, SD. (April 9, 2014).

Karges, J. (Author Only), Berg-Poppe, P. (Author Only), Gilkerson, S. (Presenter & Author), Webster, K. (Presenter & Author), Nissen, R. (Author Only), Zimney, K. (Author Only), 2014 School of Health Sciences Research Symposium, "Examining Relationships Between Physical Therapist and Occupational Therapy Students' Belongingness and Perceived Competence in the Clinic Using the Ascent to Competence Scale," University of South Dakota School of Health Sciences, Vermillion, SD. (March 28, 2014).

Karges, J. (Author Only), Berg-Poppe, P. (Author Only), Gilkerson, S. (Presenter & Author), Webster, K. (Presenter & Author), Nissen, R. (Author Only), Zimney, K. (Author Only), 2014 School of Health Sciences Research Symposium, "Examining Relationships Between Physical Therapist and Occupational Therapy Students' Belongingness and Perceived Competence in the Clinic Using the Ascent to Competence Scale," University of South Dakota School of Health Sciences, Vermillion, SD. (March 28, 2014).

Zimney, K. (Author Only), Ekstrom, R. (Author Only), Byrnes, E. (Presenter & Author), Hill, J. (Presenter & Author), Sousek, Z. (Presenter & Author), SHS Research Day, "The Effects of Ischemic Compression and Massage on Pain Pressure Threshold in subjects with Muscle Trigger Points in the Shoulder Girdle," University of South Dakota School of Health Sciences, Vermillion, SD. (March 28, 2014).

Zimney, K. (Author Only), Jordre, B. (Author Only), Inglis, L. (Author Only), Ebke, W. (Presenter & Author), Peterson, A. (Presenter & Author), Richey, J. (Presenter & Author), Way, A. (Presenter & Author), SHS Research Day, "Utilization of sensory discrimination training for improving balance and function in an older adult: a case report," University of South Dakota School of Health Sciences, Vermillion, SD. (March 28, 2014).

Zimney, K. (Presenter Only), Interprofessional Health Symposium: Know Pain or No Gain, "The Neuroscience of Pain," Clarke University, Dubuque, IA. (February 15, 2014).

Zimney, K. (Presenter Only), Louw, A. (Presenter & Author), Combined Sections Meeting, "Successfully Treating CRPS: A Clinical Application Course," APTA, Las Vegas, NV. (February 3, 2014).

Zimney, K. (Presenter Only), Noon Conference, "Pain," Center for Family Medicine, Sioux Falls, SD. (January 30, 2014).

Zimney, K., IPTA Fall Conference, "Use of TNE to address Psychosocial Factors Associated with Acute Low Back Pain: A Case Report," Iowa Physical Therapy Association, Ames, IA. (October 18, 2013).

Zimney, K., Minneapolis Orthopedic Evening Lecture Series, "The Thoracic Spine: Evidence Based Approach to Evaluate & Treat," International Spine and Pain Institute, Minneapolis, MN. (October 7, 2013).

Zimney, K. (Presenter & Author), Lincoln Orthopedic Evening Lecture Series, "The Thoracic Spine: Evidence Based Approach to Evaluate & Treat," International Spine and Pain Institute, Lincoln, NE. (October 3, 2013).

Contracts, Grants and Sponsored Research

Grant

Hulse, B. (Principal), Luken, R. (Co-Principal), Mockler, W. (Co-Principal), Evenson, A. (Co-Principal), Regnerus, C. (Co-Principal), Zimney, K. (Co-Principal), "Use of VR programs in individuals with mental illness," Sponsored by South Dakota Community Foundation, State, \$18,395.00. (June 1, 2024 - May 31, 2025). Funded.

Nissen, R. (Principal), Dittberner, M. (Supporting), Gauer, A. (Supporting), Lecy, N. (Supporting), Mikel, A. (Supporting), Zimney, K. (Supporting), "Interprofessional Telehealth Team to Support Treatment for Substance Use Disorders," Sponsored by NIH, Federal, \$275,000.00. Not Funded.

Zimney, K., Ladwig, A. (Supporting), Droke, J. (Supporting), "Evaluation of the Key Constructs of Therapeutic Alliance during a Physical Therapy Encounter," Sponsored by APTA Academy of Orthopedic Physical Therapy, New Investigator Grant, Other, \$30,000.00. Not Funded.

Baugh, L. A. (Principal), Berg-Poppe, P. (Supporting), Inglis, L. (Supporting), Zimney, K. (Supporting), Brown-Rice, K. (Supporting), Jones, W. J. (Supporting), Hanson, E. (Supporting), Lowmaster, S. (Supporting), Wang, X. (Supporting), "MRI: Acquisition of Transcranial Magnetic Stimulation Instrumentation to Advance Understanding of the Brain," Sponsored by National Science Foundation, Federal, \$148,387.00. (2017 - 2018). Funded.

Zimney, K. (Co-Principal), Naber, A. (Principal), Ikiugu, M. (Co-Principal), Adamson, A. J. (Co-Principal), Berg-Poppe, P. (Co-Principal), Tao, H. (Co-Principal), "Diversity and Inclusiveness: An Interprofessional Cultural Encounter," Sponsored by USD SHS Diversity, Inclusivity and Cultural Awareness (DICA) Committee, The University of South Dakota, \$727.00. (April 11, 2018 - December 10, 2018). Funded.

Zimney, K., "Correlation of Trust and Outcomes following Physical Therapy for Chronic Low Back Pain," Sponsored by Iowa Physical Therapy Foundation, Other, \$960.00. (July 5, 2017 - July 2018). Funded.

Zimney, K. (Principal), Baugh, L. A. (Supporting), Fercho, K. A. (Supporting), Louw, A. (Supporting), "Single Subject Examination of Brain Activity of a Patient with Complex Regional Pain Syndrome before and after Neuroscience Education," Sponsored by School of Health Sciences Research Seed Grant, The University of South Dakota, \$2,975.00. (December 16, 2014 - December 15, 2016). Funded.

Berg-Poppe, P., Jordre, B., Zimney, K., Inglis, L., Karges, J., Ekstrom, R., Svien, L., "Use of Video Eyewear to Promote Self-awareness and Reflective Perspective-taking Following Patient Care Learning Scenarios," Sponsored by USD Health Affairs Medical Informatics Committee, The University of South Dakota, \$4,956.38. (January 2015). Funded.

SERVICE

Department Service

Committee Member, USD PT Curriculum Committee. (August 2021 - Present).

Committee Member, USD Department of PT Admissions Committee. (July 2013 - Present).

Committee Chair, USD PT Curriculum Committee. (July 1, 2015 - August 2021).

Independent project, USD PT Faculty Advisement. (July 2015 - September 2015).

Committee Chair, Scholarships and Awards. (July 29, 2013 - July 1, 2015).

College Service

Committee Chair, SHS Curriculum and Instruction Committee. (May 2021 - Present).

Committee Member, SHS Curriculum and Instruction Committee. (July 2016 - Present).

Committee Member, SHS Research Committee. (May 2020 - May 2023).

Committee Chair, SHS Faculty Council. (October 2015 - September 2018).

Committee Member, SHS Faculty Council. (September 2013 - September 2018).

University Service

Committee Member, USD AI Steering Committee. (September 2025 – Present)

Committee Chair, USD Curriculum and Instruction Committee. (August 2023 – July 2025).

Committee Member, Retention and Persistence Steering Committee. (August 2022 - Present).

Committee Member, USD Curriculum and Instruction Committee. (May 2021 - Present).

Member, Center for Brain and Behavioral Research. (July 1, 2014 - Present).

Committee Member, University Senate. (May 2018 - May 2022).

Program Organizer, Center for Brain and Behavior Research (CBBRe) Research Symposium.
(February 2018 - August 2019).

Professional Service

Reviewer, Journal Article, Brain and Behavior. (2024 - Present).

Reviewer, Journal Article, Canadian Journal of Pain. (2024 - Present).

Reviewer, Journal Article, Physiotherapy Canada. (2024 - Present).

Reviewer, Journal Article, The Journal of Pain. (2024 - Present).

Reviewer, Journal Article, European Journal of Pain. (2023 - Present).

Reviewer, Journal Article, Journal of Orthopaedic & Sports Physical Therapy. (2022 - Present).

Reviewer, Journal Article, Pain and Therapy. (2022 - Present).

Reviewer, Journal Article, International Journal of Environmental Research and Public Health. (2020 - Present).

Reviewer, Journal Article, Journal of Manual & Manipulative Therapy. (2020 - Present).

Reviewer, Journal Article, Journal of Pain Research. (2020 - Present).

Reviewer, Journal Article, New Zealand Journal of Physiotherapy. (2020 - Present).

Reviewer, Journal Article, Pain Practice. (2020 - Present).

Reviewer, Journal Article, Physical Therapy Journal. (2020 - Present).

Reviewer, Journal Article, International Journal of Osteopathic Medicine. (2019 - Present).

Reviewer, Journal Article, BMC Medical Education. (2018 - Present).

Reviewer, Journal Article, BMJ Open. (2018 - Present).

Reviewer, Journal Article, PeerJ. (2018 - Present).

Reviewer, Journal Article, PLOS One. (March 27, 2017 - Present).

Reviewer, Journal Article, Archives of Physical Medicine and Rehabilitation. (2017 - Present).

Reviewer, Journal Article, Pain Medicine. (2017 - Present).

Reviewer, Journal Article, Musculoskeletal Science and Practice (previously Manual Therapy). (April 15, 2016 - Present).

Reviewer, Journal Article, Physiotherapy Theory and Practice. (February 15, 2016 - Present).

Editorial Review Board Member, Physical Medicine and Rehabilitation - International, Secaucus, New Jersey. (June 28, 2014 - Present).

Member, APTA House of Delegates, IA. (October 2013 - July 2017, July 2020 - June 2025).

Committee Member, APTA Scientific and Practice Affairs Advisory Committee. (July 2019 - December 2024).

Officer, President/Elect/Past, APTA Iowa, Iowa. (July 2019 - July 2024).

Committee Chair, Iowa Physical Therapy Association, IA. (2015 - 2019).

Reviewer, Ad Hoc Reviewer, FSBPT ProCert Continued Competency. (January 2014 - December 2019).

Officer, Treasurer, Iowa Physical Therapy Association, IA. (2010 - 2012).

Committee Chair, Iowa Physical Therapy Association, IA. (2003 - 2004).

Officer, President/Elect/Past, Iowa Rehabilitation Managers Affiliate Group of Iowa Hospital Association, IA. (2001 - 2002).

Committee Chair, Iowa Physical Therapy Association, IA. (2000 - 2002).

District Director, Iowa Physical Therapy Association, IA. (1999 - 2000).

Board of Directors Student Representative, North Dakota Physical Therapy Association, ND. (December 1991 - May 1994).

Public Service

Program Coordinator, Sioux City Street Medicine, Sioux City, Iowa. (June 2019 - Present).

Guest Speaker, 2015 Lawrence Brothers Science Camp, Vermillion, South Dakota. (July 2015).

Consulting

Professional, Fern Health. (June 2022 – May 2023)

Academic, Advances in Physiology Education. (November 2013).

Awards and Honors

Service, Professional

Lucy Blair Service Award, American Physical Therapy Association. (July 2025).

Distinguished Manuscript Reviewer, Physical Therapy Journal. (2023).

Outstanding Reviewer, Archives of Physical Medicine and Rehabilitation. (May 2018).

Outstanding Service Award, Federation of State Boards of Physical Therapy. (November 2017).

Innovation in Patient Care Award, Iowa Hospital Association of Nurse Leaders. (2000).

Service, University

Designer, School of Health Sciences, IHEC. (2019).

USD School of Health Sciences Faculty Research Achievement, USD School of Health Sciences. (April 2017).

The Harry E. Settles Contributor of the Year Award, USD Physical Therapy Program. (May 2013).