

CURRICULUM VITAE

David L. Wright

CURRENT WORK ADDRESS

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PERSONAL INFORMATION

Birthdate: July 26, 1961
Birthplace: Coventry, England
Married: Natalie Uzzell (7/30/88)
Children: William (4/22/92); Grace (2/18/95)

PROFESSIONAL INTERESTS

Motor Control and Learning, Motor Neuroscience

EDUCATION

B.A. Crewe and Alsager College of Education, England (1982)
M.A. University of North Carolina, Chapel Hill, N.C. (1986)
Ph.D. Pennsylvania State University, University Park, PA. (1989)

EXPERIENCE

- Associate Department Head, Department of Health and Kinesiology, Texas A&M University. (6/2008-6/2014)
- Kinesiology Division Head, Department of Health and Kinesiology, Texas A&M University. (6/2008-6/2014)
- Professor, Department of Health and Kinesiology, Texas A&M University. (9/2003 – present)
- Associate Professor, Department of Health and Kinesiology, Texas A&M University. (9/1995-8/2003)
- Assistant Professor, Department of Health and Kinesiology, Texas A&M University. (9/1989-8/1995).
- Graduate Research Assistant to Dr. John Shea, Motor Behavior Laboratory, Pennsylvania State University, (9/1986 -8/1989).
- Graduate Research Assistant to Dr. Charles J. Hardy, Human Performance Laboratory, University of North Carolina at Chapel Hill, (9/1985-8/1986).
- Graduate Teaching Assistant in the Physical Activities Program, University of North Carolina at Chapel Hill, (9/1984-8/1985).
- Sports Development Officer (Administration), West Midlands Sports Council, England, (1983-1984).
- Area Head and Tennis Program Coordinator, Brant Lake Camp, New York, (Summer vacation employment), (1981-1987).

HONORS, AWARDS, & TRAINING

- Participant, Intensive Course in Transcranial Magnetic Stimulation. Berenson-Allen Center for Non-Invasive Brain Stimulation, Beth Israel Deaconess Medical Center, Harvard Medical School, Cambridge, MA. (6/2017)
- Visiting Professor, Shanghai University of Sport, Shanghai, China, (11/2014-present)
- Associate Editor, *Frontiers in Movement Science and Sport Psychology* (9/2010-present)
- Associate Editor, *Journal of Motor Learning and Development*, (7/2015-6/2018)
- Editorial Board member, *Journal of Motor Learning and Development*, (10/2013-7/2015)
- Section Editor, Motor Control and Learning, *Research Quarterly for Exercise and Sport*. (6/2001-6/2004; 6/2004- 6/2007)
- AAHPERD Research Consortium's 2006 Research Writing Award: Black, C., **Wright, D.L.**, Magnuson, C.E., & Brueckner, S. (2005). Learning to detect error in movement timing using physical and observational practice. *Research Quarterly for Exercise and Sport*, 76, 28-41.
- Visiting Research Scientist, Cognition and Action, Max Planck Institute for Psychological Research, Munich, Germany. (7/1997-8/1997; 5/1998-6/1998; 7/1999-8/1999)
- Participant, Summer School on Connectionist Modeling. Department of Experimental Psychology, Oxford University, Oxford, England, (6/1996-7/1996)
- Texas A&M University's College of Education Outstanding New Faculty Award (1991)

PUBLICATIONS:

Submitted

Immink, M.A., Verwey, W.B., & **Wright, D.L.** (2019). Neural Correlates of Human Motor Skill Learning and Optimal Practice Outcomes. Chapter in *Neuroergonomics: Principles and Practice*

Wright, D.L. & Kim, T. (2019). Contextual Interference. In N. Hodges, & A.M. Williams (Eds.), *Skill Acquisition in Sport III: Research, Theory & Practice*. Routledge, UK.

Chen, J., McCulloch, A., Kim, H., Kim, T., Verwey, W.B., Buchanan, J.J., & **Wright D.L.** Application of anodal tDCS at primary motor cortex immediately after practice of a motor sequence does not improve offline gain. Submitted to *Experimental Brain Research*. (10/24/2018)

Verwey, W.B., & **Wright, D.L.** The Simon effect as a tool: Processing of key-specific stimuli in keying sequences is compulsory. Submitted to *Journal of Experimental Psychology: Human Perception and Performance*. (11/8/2018)

Kim, T., & **Wright, D.L.** Transcranial direct current stimulation (tDCS) of SMA complex impacts the effectiveness of interleaved and repetitive practice schedules. To be submitted to *Brain Stimulation* (3/19).

Kim, H., King, B., Verwey, W.B., Buchanan, J.J., & **Wright, D.L.** Application of anodal tDCS at M1 prior to, during, or after a single session of practice does not modify online or offline gains for a discrete sequence production task. To be submitted to *Journal of Motor Behavior* (3/19).

Published Research Articles

Jo, J.S., Chen, J., Riechman, S., Roig, M., & **Wright D.L.** (2018). The protective effects of cardiovascular exercise on the interference of procedural memory. *Psychological Research*.

<https://doi.org/10.1007/s00426-018-1005-8>

- Buchanan, J.J., Park, I., Chen, J., Mehta, R., McCulloch, A., Rhee, J., & **Wright, D.L.** (2018). Expert monitoring and verbal feedback as sources of performance pressure. *Acta Psychologica, 186*, 39-46.
- Kim, T., Jing, C., Verwey, W.B., & **Wright, D.L.** (2018). Improving novel motor learning through prior high contextual interference training. *Acta Psychologica, 182*, 55-64.
- Buchanan, J.J., Park, I., Chen, J., **Wright D.L.**, & Mehta, R. (2017). Bimanual coordination patterns are stabilized under monitoring-pressure. *Experimental Brain Research, 235*(6), 1909-1918.
- Sidaway, B., Ala. B., Baughman, K., Glidden, J., Cowie, S., Peabody, A., Roundy, D., Spaulding, J., Stephens, R., & **Wright, D.L.** (2016). Contextual interference can facilitate motor learning in older adults and in individuals with Parkinson's Disease. *Journal of Motor Behavior, 48*(6), 509-518.
- Bottary, R. Sonni, A., **Wright, D.L.**, & Spencer, R.M.C. (2016). Insufficient chunk concatenation may underlie changes in sleep-dependent consolidation of motor sequence learning in older adults. *Learning and Memory, 23*, 455-459
- Verwey, W.B., Groen, E.C., & **Wright, D.L.** (2016). The stuff that motor chunks are made of: Indications for the adjustment of spatial sequence representations. *Experimental Brain Research, 234*, 353-366.
- Rhee, J.H., Handa, A., Bhatia, S., Chen, J., Riechman, S., & **Wright, D.L.** (2016). An acute bout of aerobic exercise can protect offline motor sequence gains. *Psychological Research, 80*(4), 518-531.
- Wright, D.L.**, Verwey, W.B., Buchanan, J.B., Chen, J., Rhee, J., & Immink, M.A. (2016). Consolidating behavioral and neurophysiologic findings to explain the influence of contextual interference during motor sequence learning *Psychonomic Bulletin & Review, 23*(1), 1-21.
- Handa, A., Rhee, J., & **Wright, D.L.** (2016). The structural relationship between two motor sequences practiced close in time impacts offline facilitation. *Journal of Motor Behavior, 48*, 47-56.
- Kim, T., Rhee, J., & **Wright, D.L.** (2016). Allowing time to consolidate knowledge gained through random practice facilitates later novel motor sequence acquisition. *Acta Psychologica, 163*, 153-166.
- Baweja, H.S., Kwon, M.H., Onushko, T., **Wright, D.L.**, Corcos, D.M., & Christou, E. (2015). Processing of visual information compromises the ability of older adults to control novel fine motor tasks. *Experimental Brain Research, 233*, 3475-3488.
- Verwey, W.B., Shea, C.H., & **Wright, D.L.** (2015). A cognitive framework for sequential motor performance across various tasks. *Psychonomic Bulletin & Review, 22*(1), 54-77.
- Verwey, W.B., & **Wright, D.L.** (2014). Learning a keying sequence you never executed: Evidence for independent associative and motor chunking learning. *Acta Psychologica, 151*, 24-31.
- Wright, D.L.**, Rhee, J.H., Blischke, K., Erlacher, D., & Brueckner, S. (2012). Offline improvement occurs for temporal stability but not accuracy following practice of integer and non-integer rhythms. *Acta Psychologica, 140*, 266-273.

- Boyle, J., Panzer, S., **Wright, D.**, & Shea, C.H. (2012). Extended practice of reciprocal wrist and arm movements of varying difficulties. *Acta Psychologica*, 140, 142-153.
- Immink, M.A., **Wright, D.L.**, & Barnes, W.S. (2012). Temperature dependency in motor skill learning. *Journal of Motor Behavior*, 44(2), 105-113.
- Buchanan, J., & **Wright, DL.** (2011). Generalization of action knowledge following observational learning. *Acta Psychologica*, 136, 167-178.
- Wright, D.L.**, Rhee, J., & Vaculin, A. (2010). Enhancement consolidation is not restricted to improving motor sequence learning by establishing motor chunks. *Journal of Motor Behavior*, 42(5), 319-326.
- Wright, D.L.**, Robin, D.A., Rhee, J-H., Vaculin, A., Jacks, A., Guenther, F.H., & Fox, P.T. (2009). Using the self-select paradigm to delineate the nature and cost incurred during speech motor programming. *Journal of Speech, Language, and Hearing Research*, 52(3), 1-11.
- Buchanan, J., Ru, Y., Zihlman, K., & **Wright, D.L.** (2008). Observational learning of relative and absolute motion features in a single-limb multi-joint coordination task. *Experimental Brain Research*, 191(2), 157-169.
- Magnuson, C.E., Robin, D.A., & **Wright, D.L.** (2008). Sequencing multiple elements of the same duration: Detailing the INT process in Klapp's two-process account of motor programming. *Journal of Motor Behavior*, 40(6), 532-544.
- Maas, E. Robin, D.A., **Wright, D.L.**, & Ballard, K.J. (2008). Motor programming in Apraxia of Speech. *Brain and Language*, 106(2), 107-118.
- Buchanan, J.B., Zihlman, K., Ru, Y., & **Wright, D.L.** (2007). Learning and transfer of a relative phase pattern and a joint amplitude ratio in a rhythmic multijoint arm movement. *Journal of Motor Behavior*, 39, 49-67.
- Badets, A., Blandin, Y., **Wright, D.L.**, & Shea, C.H. (2006). Error detection processes during observational learning. *Research Quarterly for Exercise and Sport*, 77, 177-184.
- Wright, D.L.**, Magnuson, C.E., & Black, C.B. (2005). Programming and re-programming sequence timing following high and low contextual interference practice. *Research Quarterly for Exercise and Sport*, 76, 258-266.
- Black, C., **Wright, D.L.**, Magnuson, C.E., & Brueckner, S. (2005). Learning to detect error in movement timing using physical and observational practice. *Research Quarterly for Exercise and Sport*, 76, 28-41.
- Magnuson, C., & **Wright, D.L.** (2004). Random practice can facilitate the learning of tasks that have different relative time structures. *Research Quarterly for Exercise and Sport*, 75, 197-202.
- Magnuson, C., **Wright, D.L.**, & Verwey, W. (2004). Changes in the incidental context impacts search but not loading of the motor buffer. *Quarterly Journal of Experimental Psychology*, 57A, 935-951.

- Verwey, W.B., & **Wright, D.L.** (2004). Effector-independent and effector-dependent learning in the discrete sequence production task. *Psychological Research*, 68, 64-70
- Wright, D.L.**, Black, C.B., Immink, M.A., Brueckner, S., & Magnuson, C. (2004). Long-term motor programming improvements occur via concatenating movement sequences during random but not blocked practice. *Journal of Motor Behavior*, 36, 39-50
- Wright, D.L.**, Black, C.B., Park, J-H., & Shea, C.H. (2001). Planning and executing simple movements: Contributions of relative and absolute time specification. *Journal of Motor Behavior*, 33, 273-285.
- Kimbrough, S.K., **Wright, D.L.**, & Shea, C.H. (2001). Reducing the saliency of intentional stimuli results in greater contextual-dependent performance. *Memory*, 9, 133-143.
- Immink, M.A., & **Wright, D.L.** (2001). Motor programming during high and low contextual interference practice conditions. *Journal of Experimental Psychology: Human Perception and Performance*, 27, 423-437
- Wright, D.L.**, & Shea, C.H. (2001). Manipulating generalized motor program difficulty during blocked and random practice does not affect parameter learning. *Research Quarterly for Exercise and Sport*, 72(1), 32-38.
- Shea, C.H., Lai, Q., **Wright, D.L.**, Immink, M., & Black, C. (2001). Consistent and variable practice conditions: Effects on generalized motor program and parameter learning. *Journal of Motor Behavior*, 33, 139-152.
- Black, C.B., & **Wright, D.L.** (2000). Can observational practice facilitate error recognition and movement production? *Research Quarterly for Exercise and Sport*, 71(4), 331-339.
- Park, J-H., Shea, C.H., & **Wright, D.L.** (2000). Reduced frequency concurrent and terminal feedback: A test of the guidance hypothesis. *Journal of Motor Behavior*, 32, 287-296.
- Shea, C.H., **Wright, D.L.**, Wulf, G., & Whitacre, C (2000). Physical and observational practice afford unique learning opportunities. *Journal of Motor Behavior*, 32, 27-36.
- Lai, Q., Shea, C.H., Wulf, G., & **Wright, D.L.** (2000). Optimizing generalized motor program and parameter learning. *Research Quarterly for Exercise and Sport*, 71, 10-24
- Li, Y., & **Wright, D.L.** (2000). An assessment of the attention demands during random and blocked training schedules. *The Quarterly Journal of Experimental Psychology*, 53(2), 591-606.
- Immink, M.A., & **Wright, D.L.** (1998). Contextual interference: A response planning account. *The Quarterly Journal of Experimental Psychology*, 51A (4), 735-754.
- Anderson, T., **Wright, D.L.**, & Immink, M. (1998). Contextual dependencies during perceptual-motor skill performance: Influence of task difficulty. *Memory*, 6(2), 207-221.
- Wright, D.L.**, Munyon-Smith, V., & Sidaway, B. (1997). How close is too close for precise knowledge of

result. *Research Quarterly for Exercise and Sport*, 68(2), 172-176.

Wright, D.L., Li, Y., & Coady, W. (1997). Cognitive processes related to contextual interference and observational learning: A replication of Blandin, Proteau, and Alain (1994). *Research Quarterly for Exercise and Sport*, 68(1), 106-109

Wright, D.L., Shea, C.H., Li, Y., & Whitacre, C. (1996). Contextual dependencies during motor skill acquisition: Gone but not forgotten. *Memory*, 4(1), 91-108

Shea, C.H., & **Wright, D.L.** (1995). Contextual dependencies: Influence on response latencies. *Memory*, 3(1), 81-95.

Wright, D. L., Li, Y., & Whitacre, C. (1992). The contribution of elaborative processing to the contextual interference effect. *Research Quarterly for Exercise and Sport*, 63, 30-37.

Wright, D. L., & Kemp, T. (1992). The dual-task methodology and assessing the attentional demands of ambulation with walking devices. *Physical Therapy*, 72, 306-312.

Wright, D.L., Kemp, T., & Li, Y. (1992). Author response: The dual-task methodology and assessing the attentional demands of ambulation with walking devices. *Physical Therapy*, 72, 314-315.

Wright, D. L. (1991). The role of inter-task and intra-task processing on the acquisition of a motor task. *Journal of Motor Behavior*, 23(2), 139-145.

Wright, D. L. & Shea, C. H. (1991). Contextual dependencies in motor skills. *Memory and Cognition*, 19(4), 361-370.

Shea, J. B., & **Wright, D. L.** (1991). When forgetting benefits motor retention. *Research Quarterly for Exercise and Sport*, 62(3), 293-301.

Gable, C., Shea, C. H., & **Wright, D. L.** (1991). Summary knowledge of results. *Research Quarterly for Exercise and Sport*, 62(3), 285-292.

Wright, D. L., Snowden, S., and Willoughby, D. (1990). Summary KR: How much of the summary is utilized? *Journal of Human Movement Studies*, 19, 119-128.

Wright, D. L., Pleasants, F., & Gomez-Meza, M. (1990). The use of advance visual cues in the sport of volleyball. *Journal of Sport and Exercise Psychology*, 12, 406-414.

Kennedy, P. W., **Wright, D. L.**, & Smith, G. A. (1989). Comparison of film and video techniques for three-dimensional DLT repredictions. *International Journal of Sport Biomechanics*, 5, 457-460.

Invited Research Articles

Wulf, G., McNevin, N., Shea, C.H., & **Wright, D.L.** (2000). How does the motor program view challenge the dynamics systems approach to understand the learning of complex motor skills? *International Journal of Sport Psychology*, 30(4), 531-557.

Wulf, G., Shea, C.H., & **Wright, D.L.** (1998). Möglichkeiten der Effektivierung des Uebens in der Musik aus der Sicht der motorischen Lernforschung (Possibilities of enhancing the effectiveness of practice in music from the viewpoint of motor learning research). *Musikaedagogische Forschungsberichte*, S. 208-221.

Books

Shea, C.H., & **Wright, D.L.** (1997). *An Introduction to Human Movement: The Sciences of Physical Education*. Englewood Cliffs, NJ: Prentice Hall.

Shea, C.H., & **Wright, D.L.** (1997). *An Introduction to Human Movement: The Sciences of Physical Education. An Instructors manual*. Englewood Cliffs, NJ: Prentice Hall.

Book Chapters

Wright, D.L., Sekiya, H., & Rhee, J. (2014). Organization of practice. In Papaioannou, A., & Hackfort, D. (Eds.), *Routledge companion to sport and exercise psychology: Global perspectives and fundamental concepts* (pp. 289-307). Routledge, London & New York.

Shea, C.H., & **Wright, D.L.** (2012). The representation, production and transfer of simple and complex movement sequences. In N. Hodges, & A.M. Williams (Eds.), *Skill Acquisition in Sport II: Research, Theory & Practice* (pp. 131-149). Routledge, UK.

Wright, D.L., & Shea, C. H. (1993). Cognition and motor skill acquisition: Contextual dependencies. In C. Reynolds (Ed.), *Advances in cognitive assessment: An interdisciplinary perspective* (pp.89-106). New York, NY: Plenum.

FUNDED RESEARCH

The effects of cardiovascular exercise and sleep on memory consolidation: studying functional interactions between brain plasticity and sleep architecture. Pilot Projects from Quebec Bio-Imaging Network. Total: \$12,500. (PI; Roig, M. Co-I: **Wright, DL**). 6/1/2018-5/30/2019.

Non-invasive modulation of the dopaminergic midbrain and the influence on motor learning. T3: Texas A&M Triads for Transformation. Total: \$39,000 (PI: Bernard, J Co-I: **Wright** & Buchanan). 5/1/2018-5/1/2019.

Balance recovery training for fall prevention in retirement communities. National Institute for Aging 5R21AG045723-02. Total: \$177,880 (PI: **Wright**, DL transfer from Madigan, M). 6/1/2017-5/1/2018.

Enhancing learning, facilitating health! The neural underpinnings of acquiring, maintaining, and recovering skills. Catapult Grant, College of Education & Human Development, Texas A&M University, \$45,360 (PI: **Wright, D.L.**) 5/2016-12/2016.

Verifying the Role of the Motor Cortex for the Learning Advantages Reported for Interleaved as Opposed to Repeated Practice Format: A Transcranial Direct Current Stimulation Approach. Program to Enhance

Scholarly and Creative Activities, Office of University Research, Texas A&M University. \$10,000 (**PI: Wright, D.L.**) 1/2016-12/2016.

Using an acute bout of exercise to aid the use of procedural knowledge under stress. Undergraduate Research Grant, College of Education and Human Development. \$1,000 (**PI: Wright, DL., & Volz, C.** undergraduate). 11/2012 – 5/2013.

Sleep-dependent memory processing in older adults. NIH R01 AG040133. Total request: \$2,017,722 (PI: Spencer, University of Massachusetts, Amherst Consultant: **Wright DL**). 7/01/2012 -- 6/30/2017.

A short bout of exercise reduces the time course of procedural memory consolidation. Program to Enhance Scholarly and Creative Activities, Office of University Research, Texas A&M University, (\$8,510.25) (**Wright, DL. PI**) March, 2010.

Aging and learning novel motor tasks. National Institute of Aging. Total: \$1,074,815 (**Co-Investigator**), (Christou, E. PI), 4/2008-3/2013.

Apraxia of Speech: Is it really a disruption in speech motor programming. Proposal planning grant: Preliminary studies program, Office of the Vice President for Research, TAMU. \$29,985. (**PI: Wright**) 5/2004-5/2005.

The role of information feedback in the learning of motor skills: Processing strategies on KR and no-KR trials. Transcoop Program, German-American Academic Foundation (GAAC). \$ 19,500, (**Co-investigator**), (Shea, C.H., & Blischke, K. PIs), June 2000 – June 2001.

Aging: Its impact on the motor programming component process of movement planning. College of Education Research Grant, Texas A&M University, (\$640) January, 2001.

Thermal influence on perceptual-motor skill acquisition and retention. Program to Enhance Scholarly and Creative Activities, Office of University Research, Texas A&M University, (\$5100.00) June, 1993.

Thermal effects of motor skill acquisition and retention. College of Education Research Grant, Texas A&M University, (\$1500.00) February, 1993.

The development of contextual dependencies during motor skill learning. College of Education Research Grant, Texas A&M University, (\$3600.00) January, 1991.

Theory into Practice: Implications for the practitioner. Tom and Joan Read Foundation Research Grant, (\$5000.00) April, 1991.

The influence of contextual dependencies in motor skill learning. Texas A&M University research minigrants (\$ 800.00) January, 1991.

Identification of visual-perceptual abilities of advanced and novice volleyball players. Smith Research Fund, University of North Carolina, (\$200.00) September, 1985.

GIFTS OR GRANTS

Offline Memory Consolidation for Skilled Behavior: From Mechanism to Translation. (\$2,500) Huffines Faculty Applied/Practitioner Grant, Sydney and J.L. Huffines Institute for Sports Medicine and Human Performance. December, 2012.

Attention demands of ambulating with walking devices. Lumex Co. Donation of walking devices (\$250.00) April, 1993.

PUBLISHED ABSTRACTS

Chen, J., & Wright, D.L. *Exercise-Induced Upregulation of M1 Excitability following Motor Practice Does Not Predict Procedural Consolidation.* ACSM 66th Annual Meeting of the American College of Sport's Medicine, May, 2019. Orlando, FL.

McCulloch, AT., Park, I., Chen, J., **Wright, DL.**, & Buchanan, JJ. Corticospinal excitability changes after training suggest implicit coding of a bimanual motor skill. Program No. 247.16. 2018 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2018. Online.

Chen, J., Kim, H., Kim, H., & **Wright, DL.** An acute bout of exercise can protect procedural memory. Program 2018 Meeting Program. Denver, CO: North American Society for the Psychology of Sport and Sport Psychology. Online.

Kim, T., & **Wright, D.L.** Transcranial direct current stimulation (tDCS) of SMA complex impacts the effectiveness of interleaved and repetitive practice schedule. *Neural Control of Movement*, 2018.

Chen, J., Kim, H., McCulloch, A., Park, I., Kim, T., Buchanan, J.J., & **Wright, D.L.** Anodal tDCS on primary motor cortex does not enhance consolidation during motor sequence learning. Program No. xxx.xx. 2017 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2017. Online.

McCulloch, A., Park, I., Chen, J., Kim, H., Kim, T., Nazifi, M., Buchanan, J.J., & **Wright, D.L.** Anodal tDCS influences the control process underlying bimanual movements. Program No. xxx.xx. 2017 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2017. Online.

Chen, J., Kim, H., Johnson, B., & **Wright, D.L.** Examining the role of interhemispheric inhibition of primary motor cortex on subsequent consolidation of sequence learning. *Journal of Sport & Exercise Psychology*, 39,

Chen, J., McCulloch, A., Park, I., Buchanan, J.J., Kim, T., & **Wright, D.L.** The role of primary motor cortex on consolidation during motor sequence learning. *Journal of Sport & Exercise Psychology*, 39,

Greaves, D., Immink, M.A., Thewlis, D., & **Wright, D.L.** (2017). Stimulus-response compatibility during sequence learning under high and low levels of contextual interference. *Journal of Sport & Exercise Psychology*, 39, S139.

Immink, M.A., Marino, F., Pointon, M., & **Wright, D.L.** (2017). Prefrontal cortex activation during sequence learning under high and low levels of contextual interference: A two-channel near-infrared spectroscopy study. *Journal of Sport & Exercise Psychology*, 39, S144-145.

- Chen, J., Kim, H., McCulloch, A., Park, I., Kim, T., Buchanan, J.J., & **Wright, D.L.** Anodal tDCS on primary motor cortex does not enhance consolidation during motor sequence learning. Texas A&M Institute for Neuroscience 9th Annual Symposium, April 28, 2017.
- McCulloch, A., Park, I., Chen, J., Kim, H., Kim, T., Nazifi, M., Buchanan, J.J., & **Wright, D.L.** Anodal tDCS influences the control process underlying bimanual movements. Texas A&M Institute for Neuroscience 9th Annual Symposium, April 28, 2017.
- Jo, J.S., Chen, J., & **Wright, D.L.** (2016). Independent contribution of acute exercise to protection of new procedural memory. *Journal of Sport & Exercise Psychology*, 38,
- Kim, T., Chen, J., & **Wright, D.L.** (2016). Impact of prior random practice on the development of initiation, concatenation, and execution process associated with new motor sequence learning. *Journal of Sport & Exercise Psychology*, 38
- Chen, J., Kim, T., Jo, J.S., & **Wright, D.L.** (2016). Contextual interference effect on motor chunking. *Journal of Sport & Exercise Psychology*, 38
- Buchanan, J.J., Park, I., Chen, J., & **Wright, D.L.** (2016). Proactive influences in the coordination dynamics of bimanual patterns. *Journal of Sport & Exercise Psychology*, 38
- Park, I., Chen, J., Buchanan, J.J., **Wright, D.L.**, Mehta, R., Rhee, J., & Verwey, W.B. (2016). Monitoring-pressure enhances the coordination tendencies of bimanual actions. *Journal of Sport & Exercise Psychology*, 38
- Kim, T., & **Wright, D.L.** (2015). Examining the role of consolidation for new motor learning following random and blocked practice. *Journal of Sport & Exercise Psychology*, 37, S47.
- Chen, J., Bhatia, S., & **Wright, D.L.** (2015). Examining the locus of offline enhancement for pre-structured motor sequences. *Journal of Sport & Exercise Psychology*, 37, S33.
- Buchanan, J.J., Park, I., Chen, J., Mehta, R., & **Wright, D.L.** (2015). Bimanual coordination dynamics under social pressure. *Journal of Sport & Exercise Psychology*, 37, S32.
- Verwey, W.B., Shea, C.H., & **Wright, D.L.** A cognitive framework for explaining serial processing and sequence execution strategies. Program No. 78.06/U39 2015 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015. Online.
- Chen, J., Rhee, J., & **Wright, D.L.** (2014). Verifying the impact of monitoring stress on motor sequence performance. *Journal of Sport & Exercise Psychology*, 36, S24.
- Kim, T., Rhee, J., & **Wright, D.L.** (2014). Incorporating new knowledge following consolidation of previous motor sequence learning from random and blocked practice. *Journal of Sport & Exercise Psychology*, 36, S24.
- Kim, T., Rhee, J.-H., & **Wright, D.L.** (2013). Incorporating new task knowledge following high contextual interference training. *Journal of Sport & Exercise Psychology*, 35, S33.

- Rhee, J-H., & **Wright, D.L.** (2013). Acute exercise prior to procedural skill practice: Arousal or learning benefit. *Journal of Sport & Exercise Psychology*, 35, S47.
- Wright, D.L.**, Chen, J., Volz, C., & Rhee, J-H. (2013). Procedural skill performance in high stress test environments. *Journal of Sport & Exercise Psychology*, 35, S57.
- Handa, A., Rhee, J., Buchanan, J., & **Wright, D. L.** (2012). Maintaining offline improvements during procedural learning despite interference from spatially similar procedural task practice. *Journal of Sport & Exercise Psychology*, 34, S87.
- Yuhua, L., Hoyt, M., Rhee, J., Jing, C., Jidong, L., & **Wright, D. L.** (2012). Do offline performance improvements emerge in both implicit and explicit learning environments? *Journal of Sport & Exercise Psychology*, 34, S105.
- Rhee, J., & **Wright, D.L.** (2011) Online prediction on offline enhancement consolidation during motor sequence learning (Society for Neuroscience Annual Meeting, Washington D.C, USA)
- Handa, A., Rhee, J., Bhatia, S.R., & **Wright, D.L.** (2011). Alternative task practice within a 4-6 hour time window doesn't always result in a lack of procedural memory stabilization. *Journal of Sport & Exercise Psychology*, 33.
- Wang,C., Buchanan, J.B. & **Wright, D.L.** (2011). Effect of sleep on the memory consolidation of a 2:1 pattern bimanual coordination task. *Journal of Sport & Exercise Psychology*, 33.
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- Wright, D.L.** (1992). Contextual interference: Acquisition manipulations. *Research Quarterly for Exercise and Sport, 63* (supplement), A-62.
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- Shea, C. H., & **Wright, D. L.** (1991, June). Response delays as of contextual dependencies. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Asilomar, CA.
- Li, Y., Christina, R. W., & **Wright, D. L.** (1991, June). The role of proprioceptive feedback in perceptual anticipatory timing. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Asilomar, CA.
- Wright, D. L.** & Shea, C. H. (1991, April). The development of contextual dependencies during motor skill acquisition: Further evidence. *Proceedings of the National American Alliance for Health, Physical Education, Recreation and Dance Annual Convention*. San Francisco, CA.
- Wright, D. L.** (1990, May). The role of intra-task and inter-task processing on acquisition and retention of a motor task. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Houston, TX.
- Wright, D. L.**, Shea, C. H., & Loy, R. (1990, May). Incidental cues: Do they influence motor retention? *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual*

National Conference. Houston, TX.

Shea, C. H., & **Wright, D. L.** (1990, May). Contextual dependency: The role of incidental contextual cues. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Houston, TX.

Shea, C. H., & **Wright, D. L.** (1990, March). Contextual dependencies for motor skills. *Proceedings of the National American Alliance for Health, Physical Education, Recreation and Dance Annual Convention*. New Orleans, LA.

Wright, D. L., Barresi, J. V., & Shea, J. B. (1989, June). Using existing knowledge to aid motor retention. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Kent State University, OH.

Wright, D. L. (1988, June). Does forgetting benefit motor retention? *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Knoxville, TN.

Shea, J. B., Limons, E., & **Wright, D. L.** (1988, June). The effect of recognition training on motor retention. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Knoxville, TN.

Wright, D. L. (1986, June). The role of perceptual style in the team sport of volleyball. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Tempe, AZ.

Wright, D. L. (1986, June). Visual-perceptual ability of advanced and novice volleyball players on a volleyball related visual task. *Proceedings of the North American Society for the Psychology of Sport and Physical Activity Annual National Conference*. Tempe, AZ.

INVITED PRESENTATIONS

Wright, D.L. *Using an acute bout of aerobic exercise to protect memory for discrete motor skills*. Invited presentation at Exercise Physiology Graduate Seminar, Department of Kinesiology, Texas A&M University, March, 2017. College Station, TX.

Wright, D.L. *An acute bout of aerobic exercise can protect procedural memory*. Invited presentation at Center for Translational Research in Aging and Longevity. Texas A&M University, December, 2016. College Station, TX.

Wright, D.L., Rhee, J-H., & Riechman, S. *Protecting offline enhancement of motor sequence knowledge with acute exercise*. Invited presentation at the Department of Psychology, Texas A&M University, February, 2014. College Station, TX.

Wright, D.L., Rhee, J-H., & Riechman, S. *Protecting offline consolidation of motor sequence knowledge with acute exercise*. Invited presentation at the Department of Kinesiology, University of Massachusetts. October, 2013. Amherst, MA.

Wright, D.L. *Evaluating the integrity of motor sequence learning*. Invited presentation at the Department

of Cognitive Psychology, University of Twente, April, 2013. Twente, The Netherlands.

Wright, D.L. *Transforming Lives through Kinesiology*. Invited presentation at the Department of Kinesiology at the Shanghai University of Sport. December, 2011, Shanghai, China.

Wright, D.L., Rhee, J-H., Handa, A., Bhatia, S., & Jing, C. *Using exercise to support offline procedural learning*. Invited presentation at the Department of Kinesiology at the Shanghai University of Sport. December, 2011, Shanghai, China.

Wright, D.L. Learning Sequential Procedural Motor Skills: Behavioral and Neurophysiological Contributions. Invited lecture for the Brain, Cognitive Sciences and Education Interdisciplinary Seminar Series. Texas A&M University. (April, 2011)

Wright, D.L. *Disentangling the contextual interference effect from an information processing perspective*. Symposium, Shea & Morgan (1979) 30 years later: Perspectives on contextual interference research. North American Society for Psychology of Sport and Physical Activity annual convention. June, 2009. Austin, TX.

Wright, D.L. & Magnuson, C. *An alternative paradigm to examine programming of time in apraxia of speech*. Department of Veterans Administration. February, 2005, San Diego, CA.

Magnuson, C., & **Wright, D.L.** *Motor programming and speech control*. Department of Veterans Administration. February, 2005, San Diego, CA.

Wright, D.L. *Improving response programming: Possible application to speech production*. Department of Speech Pathology & Audiology, University of Iowa. February, 2004. Iowa City, IA.

Magnuson, C.E., & **Wright, D.L.** *Planning costs associated with sequential movements*. Symposium, *Learning sequential motor skills: Implications for theory and practice*. American Alliance for Health, Physical Education, Recreation and Dance annual convention. April, 2004. New Orleans, LA.

Wright, D.L. *Impact on movement planning and memory representation: Practice scheduling effects*. Invited speaker at International Congress on Movement, Attention, & Perception. June, 2002. Poitiers, France.

Wright, D.L., Black, C.B., & Brueckner, S. *Identifying and correcting error following physical and observational practice*. Invited symposium participant on "Motor Control: information processing and error correction" at the 6th Annual Congress of the European College of Sport Science, July, 2001. Cologne, Germany.

Wright, D.L. *Can observational practice facilitate error recognition and movement production?* Sportwissenschaftliches Institut, Universität des Saarland, July, 1999. Saarbrücken, Germany.

Wright, D.L., & Immink, M.A. *Improving motor programming processes using high contextual interference during practice*. Department of Nutrition, Food, and Exercise Sciences, Florida State University. June, 1999. Tallahassee, FL.

Wright, D.L. *Movement planning processes and developing memory for movement timing: The role of*

contextual interference. Department of Kinesiology, College of William and Mary. February, 1998. Williamsburg, VA.

Wright, D.L. *Contextual interference: Time for theoretical reconciliation*. Cognition and Action, Max Planck Institute for Psychological Research. August, 1997. Munich, Germany.

Wright, D.L. *Contextual Interference: A theoretical reconciliation*. Symposium "The use of contextual interference to enhance skill acquisition". American Alliance for Health, Physical Education, Recreation and Dance annual convention. April, 1996. Atlanta, GA.

Wright, D.L. *Abstract or exemplar based movement representations: Practice schedule effects*. Department of Movement Science and Education. University of Memphis, November 1994. Memphis, TN.

Shea, C.H., & **Wright, D.L.** *Organization of practice and motor skill learning*. Symposium paper for "Applying motor behavior research to teaching motor skills". Southern District Alliance for Health, Physical Education, Recreation, and Dance Annual Convention. February, 1993. Dallas, TX.

Wright, D. L. *The contextual interference phenomenon: An elaboration perspective*. Invited paper at Department of Health, Physical Education, Recreation and Dance, Louisiana State University. April, 1990. Baton Rouge, LA.

PRESENTATIONS

Verwey, W.B., & **Wright D.L.** The Simon effect as a tool: Processing of key-specific stimuli in keying sequences is compulsory. Presentation at the Department of Psychology, Texas A&M University, November 5, 2018. College Station, TX.

Immink, M.A., Opie, G.M., **Wright, D.L.**, & Semmler, J.G. An investigation into the role of the primary motor cortex in the contextual interference effect for motor sequence learning. Paper presented at 2017 Australasian Cognitive Neuroscience Conference. Adelaide, Australia. November, 2017.

McCulloch, A., Park, I., Chen, J., Kim, H., Kim, T., Nazifi, M., Buchanan, J.J., & **Wright, D.L.** Anodal tDCS influences the control process underlying bimanual movements. Paper presented at Texas A&M University 9th Annual Neuroscience Symposium. College Station, TX. April, 2017.

Chen, J., Kim, H., Kim, T., McCulloch, A., Park, I., Moein, N., Buchanan, J.J., & **Wright, D.L.** (2017). Anodal tDCS Stimulation on Primary Motor Cortex Will Not Enhance Consolidation During Motor Sequence Learning. Paper presented at Texas A&M University 9th Annual Neuroscience Symposium. College Station, TX. April, 2017.

Handa, A., Rhee, J., Bhatia, S.R., & **Wright, D.L.** Alternative task practice within a 4-6 hour time window doesn't always result in a lack of procedural memory stabilization. Student Research Week, Texas A&M University. March, 2011.

Baweja, H.S., Kennedy, D.M., Kwon, M.H., **Wright, D.L.**, Corcos, D.M., & Christou, E.A. Age-associated differences in movement control are influenced by processing of visual information. 6th Annual Neuromuscular Plasticity Symposium, Gainesville, FL. 2011.

- Wright, D.L.** Learning and memory: An important but overlooked benefit of exercise. *Healthy Lifestyles Lecture Series*. Texas A&M University, College Station, TX. October, 2007.
- Vaculin, A.N., Rhee, J., & **Wright, D.L.** Motor programming: Are there costs for transitions between speech elements? *Educational Research Exchange*, Texas A&M University. January, 2007.
- Maas·E., Robin, D.A., Ballard, K.J., Magnuson, C.E., & **Wright, D.L.** (2006). Speech motor programming in apraxia of speech: A reaction time approach. *Conference on Speech Motor Speech: Motor Speech Disorders. Institute for Rehabilitation Science and Engineering. Austin, TX*
- Magnuson, C.E., & **Wright, D.L.** (2004). Motor Programming Costs for Executing Repeated Element Sequences. *COE Research Exchange*, Texas A&M University. January, 2004.
- Zihlman, K., Ryu, Y., Bagley, S., **Wright, D.L.**, & Buchanan, J.J. (2004). The coordination dynamics of learning an elbow-wrist coordination pattern through observation: The perception of order parameters and variant features. *COE Research Exchange*, Texas A&M University. January, 2004.
- Magnuson, C.E., **Wright, D.L.**, & Verwey, W. (2003). Changes in the incidental context impacts search but not loading of the motor buffer. *University Research Week*, Texas A&M University.
- Magnuson, C.E., & **Wright, D.L.** (2003). Generalized motor program learning: The effect of practice schedules. *COE Research Exchange*, Texas A&M University.
- Immink, M.A., & **Wright, D.L.** (2001). Assessment of motor preparatory processes using the self-select paradigm. *Sixth Biennial Motor Control & Human Skill Research Workshop*, Fremantle, Western Australia, Australia. December, 2001.
- Wright, D.L.**, Black, C.B., Immink, M.A., & Brueckner, S. (2001). Consolidating motor programming processes with high contextual interference practice. . *Sixth Annual Congress of the European College of Sport Science*, Cologne, Germany. July, 2001.
- Brueckner, S., Muller, H., Blischke, K., Shea, C.H., & **Wright, D.L.** (2001). A test of a “simple model”: Do different KR schedules invoke different correction strategies. *Sixth Annual Congress of the European College of Sport Science*, Cologne, Germany. July, 2001.
- Keiper,P., Black, C., & **Wright, D.L.** (2000). *The effect of advance information and practice schedule on reaction time of simple finger movements*. *Annual Texas Motor Behavior Conference*, University of Houston, TX. April, 2000.
- Black, C.B., & **Wright, D.L.** (1999). Developing recall and recognition memory using observational and physical practice. *Annual Texas Motor Behavior Conference*, University of Texas, TX. April, 1999.
- Kimbrough, S., **Wright, D.L.**, & Shea, C.H. (1998). *Contextual Dependency: Contribution of Spatial S-R Compatibility* at the 75th annual TAHPERD conference. Houston, TX, Dec, 1998.
- Immink, M., & **Wright, D.L.** (1997). *Influence of contextual interference on planning motor responses*. Paper presented at the 74th annual TAHPERD conference. Dallas, TX, Dec, 1997.

Johnson, J., & **Wright, D.L.**, (1997). *Acquisition of a generalizable motor program: The role of contextual interference*. Paper presented at the 74th annual TAPERD conference. Dallas, TX, Dec, 1997.

Immink, M., **Wright, D.L.**, & Barnes, W.S. (1995). *Influence of thermal context on isometric force production*. Paper presented at the Southwestern Psychological Association annual Convention, San Antonio, TX, April, 1995.

Wright, D.L. *Context dependent behavior: Thermal context and motor skill acquisition*. Fourth annual North Texas motor behavior conference, University of North Texas, Denton, TX. March, 1994.

Smith, V., & **Wright, D.L.** *Reversed bandwidth KR: Implications for motor skill acquisition*. Third annual North Texas motor behavior conference, University of Texas-Arlington. March, 1993.

Wright, D.L., Shea, C.H., & Miller, G. *Enhancing acquisition of a discrete motor task using massed practice*. Southern District Alliance for Health, Physical Education, Recreation, and Dance Annual Convention, Dallas, TX. February, 1993

Li, Y., & **Wright, D.L.** *Contextual interference effect in motor skill learning: Evidence from the measurement of attentional demands*. Southern District Alliance for Health, Physical Education, Recreation, and Dance Annual Convention, Dallas, TX. February, 1993.

Wright, D. L., & Shea, C. H. *Contextual dependencies: Influence on response errors*. Texas Association for research in memory, attention, decision-making, imagery, language, learning, and organizational-perception annual Conference. College Station, TX. May, 1991.

Wright, D.L. *Contextual dependencies and skill acquisition*. Paper presented at the pre-Psychonomics symposium on motor skill acquisition. Baton Rouge, LA. November, 1990.

Wright, D. L. *Utilization of visual cues in sport*. Paper presented at Eastern District American Alliance for Health, Physical Education, Recreation and Dance annual convention, Philadelphia, PA. February, 1988.

Hardy, C. J., Crace, K., & **Wright, D. L.** *The effects of task structure and member ability on team productivity*. Paper presented at Association for the Advancement of Applied Sport Psychology annual national convention, Jeckyl Island. October, 1986.

OTHER PROPOSAL ACTIVITY

Transcranial direct current stimulation at multiple neural sites to enhance memory and generalization of complex procedural skill. TRISH Biomedical Research Advances for Space Health (BRASH). Total: \$633,108 (PI: Wright, D.L.) 1/7/2019-12/31/2020. Unfunded

Learning and memory following choline supplementation in distraction and distraction-free learning environments. Egg Nutrition Center. Total: \$ 56,727(PI: DL Wright) 1/1/2010-12/31/10. Unfunded

Neurobiology of Random Practice Benefits to Motor Learning and Apraxia Treatment. DHHS-National Institute of Health. Total: \$ 218,458 (PI: David L. Wright) 7/2008-6/2013. Unfunded

Image based assessment and image guided acceleration of motor learning. SOL BAA06-19, Addendum 6, Defense Advanced Research Projects Agency (DARPA) Special Focus Area. Total: \$2,534,311 (\$88,177 Wright) 3/2007-8/2008 Unfunded.

Motor Learning and Treating Apraxia of Speech. Department of Veterans Affairs, C04-3608R (\$743,500), June 1, 2004. Unfunded.

The learning, modification, and re-learning of movement sequences. Transatlantic Cooperation (TRANSCOOP) in the Humanities Social Sciences, Law, & Economics, Alexander Von Humboldt Foundation. (25,000 Euros), October, 2003, unfunded.

Motor programming and Parkinson's disease. National Institute of Neurologic Disease and Disorder/Stroke, National Institutes of Health, (\$468,098), June, 2002 unfunded.

Effector –independence for sequential motor skills. National Science Foundation, Division of Behavioral and Cognitive Science, (\$257,300) January, 2002 unfunded.

Motor Programming and Parkinson's Disease. Program to Enhance Scholarly and Creative Activities, Office of University Research, Texas A&M University, (\$7100.00) Feb, 2001 unfunded.

Acquisition of Complex Skills. Interdisciplinary Research Initiatives Program, Office of University Research, Texas A&M University, (\$25,025) February, 1997 - Unfunded.

Learning of Complex Motor Skills. Transco-op Program, German-American Academic Foundation (GAAC). (\$103,340) December, 1996 (Co-PI with C.H. Shea and G.Wulf) – Unfunded.

Walking with an ambulatory aid: The role of motor program and parameter processes. Program to Enhance Creative and Scholarly Activities, Office of University Research, Texas A&M University, (\$7394.03) January 1996 - Unfunded.

Assessing attention demands for walking with an ambulatory aid: A role for motor program selection and parameter scaling. Advanced Research Program, Texas Higher Education Coordinating Board, (\$48,310.00) July, 1995 - Unfunded.

The attention demands associated with walking devices: Disruption of the preferred generalized motor program with changes in walking velocity. Foundation for Physical Therapy, (\$44,000.00) January, 1995 - Unfunded.

Contextual influences for acquisition of cognitive-motor tasks. Interdisciplinary Research Initiatives Program, Office of University Research, Texas A&M University, (\$23,904.00) February, 1994 - Unfunded.

Environmental contextual dependencies during perceptual-motor learning: Thermal influences. Advanced Research Program, Texas Higher Education Coordinating Board, (\$74,352) July, 1993 - Unfunded.

The influence of contextual dependencies during cognitive-motor skill acquisition. Army Research Institute, (\$95,100) June 1991 - Unfunded.

The development of contextual dependencies: Impact on learning cognitive-motor skills. Advanced Research Program, Texas Higher Education Coordinating Board, (\$114,119) June 1991 - Unfunded.

Visual cue identification in volleyball. U.S. Olympic Committee, (\$8,325) September 1986 - Unfunded.

COMMITTEES

University

- Institutional Review Board: Human Subjects in Research (1993-1996), 2006-2011 (Vice-Chair, 2008-2011)

College

- Tenure and Promotion Committee 2009-2012, Chair (2010-2011)
- Graduate Instruction Council, 2005-2008
- Dean's Council, 2000-2003
- Faculty Advisory Committee, 2000-2004
- International Interdisciplinary Faculty – Executive Committee, 2001-present
- International Programs Enhancement and Coordinating Committee, 1991- 1999

Department

- Motor Neuroscience Search Committee Chair, 2017-2018, 2018-2019
- Sport Management Search Committee, 2012
- Division Chair Committee, 2008-2014
- Executive Committee, 2008-2014
- Faculty Travel Fund, 2008, 2010, 2011-2013
- Research A-1, Teaching Committee, 2008-2014
- Research A-1 Evaluation Committee, 2005-2006, 2012-2014, 2016-2018
- Tenure and Promotion Committee, 2003-present, Chair 2004
- Adapted Physical Education Search Committee, 2000
- Health Education Search Committee 1999
- Motor Behavior Search Committee 1993, 1998, 2002, 2003
- Read Scholarship Review Committee 1997-2001, Chair 1999-2001
- Faculty Travel Fund 1994-1995, 2004-2005, 2008-2009
- Adapted Physical Education Search Committee, 1992
- Graduate Faculty Member 1991-present
- Faculty Growth Travel Fund Committee, 1992-1993
- Graduate Faculty Membership Requirement Committee, 1992
- Chair, New Faculty Development Task Force, 1991-1992
- Graduate Student Recruitment Task Force, 1991-1992

PROFESSIONAL ASSOCIATIONS

- Society for Neuroscience (SfN)
- North American Society for the Psychology of Sport and Physical Activity (NASPSPA)
- Society for the Neural Control of Movement (NCM)

OTHER PROFESSIONAL ACTIVITIES

Ad-Hoc Reviewer (regular)

- Journal of Motor Learning and Development
- Experimental Brain Research
- Journal of Motor Behavior
- Psychological Research
- Quarterly Journal of Experimental Psychology: Human Experimental Psychology
- Research Quarterly for Exercise & Sport; Section Editor (2001 – 2007)

Reviewer:

- Acta Psychologica
- Journal of Autism and Developmental Disorders
- Journal of Cognitive Neuroscience
- Journal of Experimental Psychology: Human Perception & Performance
- Journal of Gerontology: Psychological Sciences
- Journal of Neuroscience
- Journal of Speech, Hearing, and Language Research
- Learning and Memory
- Memory
- Memory and Cognition
- Perceptual and Motor Skills
- Psychological Bulletin
- Nature – Human Behavior

Review Panel

- Program Committee - Motor Learning and Control. North American Society for Psychology of Sport and Physical Activity annual conference, New Orleans, LA. June (2012).
- Program Committee - Motor Learning and Control. North American Society for Psychology of Sport and Physical Activity annual conference, Savannah, GA. June (2003).
- Scientific Committee – International Congress on Movement, Attention, & Perception. June (2002). Poitiers, France
- Program Committee - Motor Learning and Control. North American Society for Psychology of Sport and Physical Activity annual conference, Asilomar, CA. June (1995).
- Research Presentations at American Association for Health, Physical Education, Recreation, and Dance National Convention (1991)

Program Organizer

- Program Chair, Motor Learning and Control, 2016 Annual Conference of the North American Society for the Psychology of Sport and Physical Activity, Montreal CA.
- Program Organizer - North Texas Motor Behavior Conference, College Station, TX. April (1997).