Deanna M. Kennedy, Ph.D.

Curriculum Vitae

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EDUCATION

2015	Ph.D.	KINESIOLOGY (Motor Neuroscience) Texas A&M University *Dissertation: Cooperation & Interference: An Investigation of Neural Crosstalk.*
2000	M.S.	KINESIOLOGY (Human Movement in Sport) California Polytechnic State University, SLO *Thesis: Student Cognition during Skill Acquisition*
1998	B.S.	KINESIOLOGY (Pedagogy) California Polytechnic State University, SLO *Senior Project: A Comparison of the Attitudes of Middle School Students towards Coeducation Physical Education.*

PROFESSIONAL EXPERIENCE

2015 - Current	Assistant Professor	*Department of Health & Kinesiology* *Division of Kinesiology* *Texas A&M University* *College Station, TX*
2014-2015	Adjunct Faculty	*Department of Kinesiology* *Sam Houston State University* *Huntsville, TX*
2012-2015	Graduate Research Assistant	*Department of Health & Kinesiology* *Division of Kinesiology* *Texas A&M University* *College Station, TX*

2011-2012	Graduate Teaching Assistant	*Department of Health & Kinesiology* *Division of Kinesiology* *Texas A&M University* *College Station, TX*
2010-2011	Research Associate	*Neuromuscular Physiology Laboratory* *University of Florida* *Gainesville, FL*
2009-2010	Research Associate	*Neuromuscular Physiology Laboratory* *Texas A&M University* *College Station, TX*
2006- 2010	Director	*Children's Adapted Movement Program* *Texas A&M University* *College Station, TX*
2003-2009	Lecturer	*Department of Health & Kinesiology* *Physical Education Activity Program* *Texas A&M University* *College Station, TX*
1999-2003	Lecturer	*Department of Health & Kinesiology* *Sam Houston State University* *Huntsville, TX*
1997-1998	Coach - Soccer	*Lompoc Senior High School* *Lompoc, CA*

RESEARCH INTERESTS

- Neural control of human movement
- Bimanual coordination
- Augmented feedback information
- Mathematical modeling of human behavior

PUBLISHED MANUSCRIPTS

Note: *indicates corresponding author, ¥indicates graduate student mentee.

1. Artiles-Diaz, A., Wang, Y. ¥, Davis, M.M. ¥, Abbott, R., Keller, N., & **Kennedy, D.M.*** (2022). The influence of altered-gravity on bimanual coordination: Retention and transfer. *Frontiers in Physiology*, 12, 794705. Impact Factor: 4.134
2. Hua, R., Wang, Y. ¥, Kennedy, D.M., Hubbard, J.E., & Wang, Y. (2022). Tapping-based falling risk evaluation for patients with Parkinson's disease using monitoring insoles. IEEE Sensors Letters, 6, 1-4. Impact Factor: 4.325

3. Wang, Y. ¥, Neto, O.P., Weinrich, M.M. ¥, Castro, R.C. ¥, Wright, T.& Kennedy, D.M.* (*2022)*. The influence of distal and proximal muscle activation on neural crosstalk. *Plos One*, 17, e0275997. Impact Factor: 3.752
4. Neto, O.P., Curty, V., Crespim, L., & **Kennedy, D.M.*** (*2022).* Bayesian integration of sensorimotor estimation in elite athletes. *Human Movement Science,* 81, 102895. Impact Factor: 2.161
5. **Kennedy, D.M**.*, Wang, C., Wang, Y¥., & Shea, C.H. (*2021).* The influence of accuracy constraints on bimanual and unimanual sequence learning. *Neuroscience Letters*, 751, 135812. Impact Factor = 3.046
6. Neto, O.P., **Kennedy, D.M.**, Reis, J. C., Wang, Y. ¥, Brizzi, A., Zambrano, G. J., de Souza, J. M., Pedroso, W., de Mello Pedreiro, R. C., de Matos Brizzi, B., Abinader, E. O., & Zângaro, R. A. (*2021*). Mathematical model of COVID-19 intervention scenarios for São Paulo-Brazil. *Nature Communications*, 12, 418. Impact Factor: 14.92
7. Panzer, P., **Kennedy, D.**, Leinen, P., Pfeifer, C., & Shea, C.H. (2021). Bimanual coordination associated with left and right hand dominance: Testing the limb assignment and limb dominance hypothesis. *Experimental Brain Research,* 239, 1595-1605. Impact Factor: 2.395
8. Wang, Y. ¥, Neto, O.P., Davis, M.M. ¥, & **Kennedy, D.M.*** (*2021*). The effects of inherent and incidental constraints on bimanual and social coordination. *Experimental Brain Research*, 239, 2089-2105. Impact Factor: 2.395
9. **Kennedy, D.M.**, Zambrano, G.J., Wang, Y. ¥, & Neto, O.P. (*2020*). Modeling the effects of intervention strategies on COVID-19 transmission dynamics. *Journal of Clinical Virology,* 128, 104440. Impact Factor: 3.168
10. Kovacs, A.J., Wang, Y. ¥, & **Kennedy, D.M.***(*2020*). Accessing interpersonal and intrapersonal coordination dynamics. *Experimental Brain Research,* 238, 17-27. Impact Factor: 2.166.
11. **Kennedy, D.M.*,** Safdari, S. ¥ & Shea, C.H. (2019). Response biases: The influence of the contralateral limb and head position. *Experimental Brain Research,* 237, 3253-3264. Impact Factor: 2.166
12. Panzer, S., **Kennedy, D.M.,** Wang, C., & Shea, C.H. (*2018*). The simplest acquisition protocol is sometimes the best protocol: Preforming and learning a 1:2 bimanual coordination task. *Experimental Brain Research,* 236, 539-550. Impact Factor: 2.166
13. Wang, C., **Kennedy, D.M.,** Panzer, S., & Shea, C.H. (*2018*). Intentional switching between bimanual coordination patterns. *Journal of Motor Behavior,* 50, 538-556. Impact Factor: 1.313
14. **Kennedy, D.M**., Rhee, J., Jimenez, J. & Shea, C.H. (2017). The influence of asymmetric force requirements on a multi-frequency bimanual coordination task. *Human Movement Science,* 51, 125-137. Impact Factor: 2.161
15. Boyle, J.B., **Kennedy, D.M**., Wang, C., & Shea, C.H. (2016). Optimizing the control of high ID movements: The role of the tracking template. *Journal of Motor Learning and Development,* 4, 80-99. Impact Factor: 1.327
16. **Kennedy, D.M.,** Boyle, J.B., Wang, C., & Shea, C.H. (*2016).* Bimanual force control: Cooperation and interference. *Psychological Research*, 80, 34-54. Impact Factor: 2.681

17. **Kennedy, D.M.**, Rhee, J., & Shea, C.H. (*2016*). Symmetrical and asymmetrical influences on force production in 1:2 and 2:1 bimanual force coordination tasks *Experimental Brain Research,* 234, 287-300. Impact Factor: 2.395
18. **Kennedy, D.M.,** Wang, C. Panzer S, & Shea, C.H. (2016). Continuous scanning transitioning through the attractor landscape. *Neuroscience Letters,* 610, 66-72. Impact Factor: 2.408
19. Leinen, P., Vieluf, S., **Kennedy, D.**, Aschersleben, G., Shea, C.H., & Panzer, S. *(2016).* Life span changes: Performing a continuous 2:1 bimanual coordination task. *Human Movement Science*, 46, 209-220. Impact Factor: 2.048
20. Shea, C.H., Buchanan, J.J., & **Kennedy, D.M**. (*2016*). Perceptual and action influences on discrete and continuous bimanual coordination. *Psychonomic Bulletin & Review, 23, 361-386.* Impact Factor: 5.30
21. Boyle, J.B., **Kennedy, D.M**., & Shea, C.H. (*2015*). A novel approach to enhance limb control in older adults. *Experimental Brain Res*earch, 233, 2061-2071. Impact Factor: 2.057
22. **Kennedy, D.M.**, Boyle, J.B., Rhee, J., & Shea, C.H. (*2015*). Rhythmical bimanual force production: Homologous versus non-homologous muscles. *Experimental Brain Research,* 233, 191-195. Impact Factor: 2.057
23. Boyle, J.B., **Kennedy, D.M**., Wang, C., & Shea, C.H. (2014). The sine wave protocol: Decreasing movement time without increasing errors. *Journal of Motor Behav*ior, 46, 277-285. Impact factor 1.418
24. Boyle, J.B., Panzer, S., Wang, C., **Kennedy, D.M.,** & Shea, C.H. (2013). Optimizing the control of high ID single degree of freedom movements: Re-thinking the power of the visual display. *Experimental Brain Res*earch, 231, 479-493. Impact Factor: 2.057
25. **Kennedy, D.M.**, Wang, C., & Shea, C.H. (2013). Reacting while moving: Influence of right limb movement on left limb reaction. *Experimental Brain Research,* 230, 143-152. Impact Factor: 2.168
26. Wang, C., **Kennedy, D.M.,** Boyle, J.B., & Shea, C.H. (2013). A guide to performing difficult bimanual coordination tasks: Just follow the yellow brick road. *Experimental Brain Res*earch, 230, 31-40. Impact Factor: 2.168
27. Fox, E.J., Baweja, H.S., Kim, C., **Kennedy, D.M.**, Vaillancourt, D.E., & Christou, E.A. (2013). Modulation of force below 1Hz: Age-associated differences and the effect of magnified visual feedback. *Plos One*, 8, e55970. Impact Factor: 3.730
28. **Kennedy, D.M.**, Boyle, J.B., & Shea, C.H. (2013). The role of auditory and visual models in the production of bimanual tapping patterns. *Experimental Brain Res*earch, 224, 507-518. Impact Factor: 2.168
29. Boyle, J.B., **Kennedy, D.M.**, & Shea, C.H. (2012). Optimizing the control of high ID single degree of freedom movements: Re-thinking the obvious. *Experimental Brain Res*earch, 223, 377-387. Impact Factor: 2.221
30. Chen, Y.T., Neto, O.P., Marzullo, A.C., **Kennedy, D.M.**, Fox, E.J., & Christou, E.A. (2012). Age-associated impairment in endpoint accuracy of goal-directed contractions performed with two fingers is due to altered activation of the synergistic muscles. *Experimental Gerontology*, 47, 519-526. Impact Factor: 3.911

31. **Kennedy, D.M.,** & Christou, E.A. (2011). Greater amount of visual information exacerbates force control in older adults during constant isometric contraction. *Experimental Brain Res*earch, 213, 351-361. Impact Factor: 2.395
32. Baweja, H.S., **Kennedy, D.M.**, Vu, J.L., Vaillancourt, D.E., & Christou, E.A**.** (2009). Greater amount of visual feedback decreases force variability by reducing force oscillations from 0-1 and 3-7 Hz. *European Journal of Applied Physiology,* 108, 935-943. Impact Factor: 2.147

MANUSCRIPS UNDER REVIEW

1. Flores, E., Neto, O.P., & **Kennedy, D.M.** (*Submitted*). Modeling oscillating protective behavior on COVID-19 disease transmission. *Applied Mathematics and Computation.*

BOOK CHAPTERS

1. Shea, C.H., **Kennedy, D.**, & Panzer, S. (2019). Information processing approach to understanding and improving physical performance. In M.H, Anshel, M. H, T. A. Petrie, & J.A. Steinfeldt, J. A. (Eds.), *APA Handbook of Sport and Exercise Psychology, Vol.1.Sport Psychology* (pp. 557-582). American Psychological Association.
2. Shea, C.H., Panzer, S., & **Kennedy, D.M**. (*2016*). Effector transfer. In F. Loffing, N. Hagemann, B. Strauss, & C. MacMahon (Eds.), *Laterality in Sports: Theories and Applications* (pp.179-203). Elsevier Academic Press.

EXTERNAL GRANTS AWARDED

1. **Co-Investigator** (2021). *Augmentation of Research: Effect of altered-gravity on bimanual coordination on a short-radius centrifuge.* PI: Renee Woodruff Abbott. Funding Source: National Aeronautics and Space Administration: HRP Augmentation Grant. $30,000 Total; $0 Kennedy
2. **Co-Investigator** (2019). *Effects of altered-gravity on perception and bimanual coordination: Impacts on functional performance*. PI: Ana Diaz-Artiles. Funding Source: National Aeronautics and Space Administration. $400,000; Kennedy $105,000
   *Due to COVID related delays with parabolic flight, $40,000 was funded for a definition phase (Kennedy: $8,211.00). The remainder of the grant will fund Summer 2022.
3. **Principal Investigator** (2013). *The behavioral and electromyographic effects of normal and augmented feedback on movement control in older adults.* Funding Source: North American Society for Psychology of Sport and Physical Activity Student Research Grant. $1,980 Total.

INTERNAL GRANTS AWARDED

1. **Co-Investigator** (2021). Texas A&M University T3: Triads for Transformation. *Predicting energy expenditure during planetary exploration traverses*. PI: Ana Diaz-Artiles. Funding Source: TAMU President's Excellence Fund. $30,000 Total; $10,000 Kennedy
2. **Principal Investigator** (2019). Texas A&M University T3: Triads for Transformation. *Integrated feedback and augmented reality for individuals with motor impairments*. Co-I's: P. Hur, & L. Zeng. Funding Source: TAMU President's Excellence Fund. $34,000 Total

3. **Principal Investigator** (2018). *Using EMG to identify bimanual interference in the contralateral limb.* Southeastern Conference (SEC) Faculty Travel Program. Funding Source: SEC. $1,700 Total
    - Funding to conduct research in the School of Kinesiology at LSU with Arend Van Gemmert.
4. **Principal Investigator** (2017). *The role of augmented feedback in the control and learning of motor tasks in individuals with Developmental Coordination Disorder.* Funding Source: PESCA Grant Program, Division of Research, Texas A&M University. $9,971 Total

PENDING GRANT PROPOSAL EFFORTS

1. **Co- Investigator** (Pending). *SCH: Fall risk assessment and vestibular rehabilitation using artificial intelligence-enabled intelligent insoles.* Funding Source: National Science Foundation. PI: Ya Wang, $1,200,000 Total
    - Submitted: 11/10/2022
2. **Co-Investigator** (Pending). *Augmentation of Research: Effectiveness of integrated force feedback on bimanual coordination in altered gravity.* PI: Madison Weinrich. Funding Source: National Aeronautics and Space Administration: HRP Augmentation Grant. $25,000 Total
    - Submitted: 12/11/2022
3. **Principal Investigator** (Pending). *Step 1: Simulated microgravity as treatment for age-associated motor impairments in Parkinson's patients.* Funding Source: National Aeronautics and Space Administration
    - Submitted: 01/06/2023
4. **Principal Investigator** (Pending). *CAREER: Mathematically generated Lissajous plots and movement templates to improve motor performance and learning in altered environments.* Funding Source: National Science Foundation. $400,000 Total
    - Submitted: 07/27/2022
5. **Principal Investigator** (Pending). *Simulated microgravity as treatment for age-associated motor impairments in Parkinson's patients.* Funding Source: National Institute of Health: Loan Repayment Program. $50,000 Total
    - The National Institute of Health Loan Repayment Program is a competitive program in which applicants submit a full grant application outlining the research they will perform during the term of the loan repayment.
    - Submitted: 11/17/2022

UNFUNDED GRANT PROPOSAL EFFORTS

1. **Principal Investigator** (2022)**.** *Using 3D Lissajous displays to optimize motor control and learning.* Funding Source: Michael J. Fox Foundation for Parkinson's Research. $250,000 Total
2. **Principal Investigator** (2022). *Whole body coordination dynamics in individuals with motor impairments.* Southeastern Conference (SEC) Faculty Travel Program. Funding Source: SEC. $1,700 Total

3. **Principal Investigator** (2021)**.** *Optimizing motor control and learning in individuals with Parkinson's disease.* Funding Source: National Institute of Health: Loan Repayment Program. $50,000 Total
4. **Principal Investigator** (Pending). *Effects of integrated feedback information on intramanual and intermanual coordination.* Co-I's: Diaz-Artiles, A. & Dunbar, B.J. Funding Source: National Aeronautics and Space Administration. $800,000 Total
5. **Co-Investigator** (2021). *Foot movement intelligence and inferences: Seniors-in-the-loop.* Funding Source: National Science Foundation – Smart and Connected Health. PI; Ya Wang. Total $1,200,002 Total; $180,063 Kennedy
5. **Principal Investigator** (2020). *Effective 2D and 3D strategies to improve balance in individuals with Parkinson's disease.* (R1 Grant Proposal). Funding Source: National Institute of Health: Motor Function, Speech and Rehabilitation. Co-I's: J.E. Hubbard, M. Walsh, & Z. Hasnain. $3,254,105 Total
6. **Principal Investigator** (2020). *Modeling effective strategies to reopen schools and maintain face-to-face instruction through Post COVID-19 pandemic period.* Co-I: Osmar Pinto Neto. Funding Source: Simon Foundation. $50,000 Total
7. **Co-Investigator** (2020). *Mechanical organic motion simulator for improving balance in aging populations*: PI: Richard Kreider. Funding Source: National Science Foundation - – Smart and Connected Health. $452,578 Total; $17,349 Kennedy
8. **Principal Investigator** (2018). *Optimizing the control of UAVS: Rethinking the power of visual display*. Co-I's: T. McClaughlin & P. Hur. Texas A&M University T3: Triads for Transformation. TAMU President's Excellence Fund. $30,000 Total
9. **Co-Principal Investigator** (2018). *Aging and bimanual coordination control: Implications in stroke rehabilitation:* Co-PI: Amutha Selvamani. Funding Source: American Heart Association Collaborative Sciences -18CSA34080256. $750,000 Total
10. **Principal Investigator** (2017). *Collaborative research: The critical index of difficulty in augmented virtual environments.*Funding Source: National Science Foundation – Perception, Action, and Cognition. $217,745 Total
11. **Principal Investigator** (2016). *Enhancing motor control and learning: A lifespan approach*. Funding Source: PESCA Grant Program, Division of Research, Texas A&M University. $17,986 Total

SYMPOSIUM PROCEEDINGS (PUBLISHED EXTENDED ABSTRACTS)

Note: ¥indicates graduate student mentee.

1. Davis M.¥, Wang Y.¥, Woodruff R., Wright T., Dunbar B.J., Diaz-Artiles A., & **Kennedy, D.M.** (2021).The influence of perceptual constraints on bimanual force coordination in simulated microgravity. Proceedings of the 2021 International Society of Gravitational Physiology, *Frontiers in Physiology*, 80-86. DOI: 10.3389/978-2-88971-011-9
2. **Kennedy D.M.,** Davis, M.¥, Woodruff, R., Wang, Y.¥, Wright T., Dunbar B.J., Diaz-Artiles A. (2021). The influence of altered-gravity on bimanual force coordination. Proceedings of the 2021 International Society of Gravitational Physiology, *Frontiers in Physiology*, 126-131. DOI: 10.3389/978-2-88971-011-9

3. Wang, Y.[¥], Davis, M.[¥], Woodruff, R., Wright, T., Dunbar B.J., Diaz-Artiles A., & **Kennedy, D.M.** (2021) Integrated feedback displays to facilitate bimanual coordination in simulated microgravity. Proceedings of the 2021 International Society of Gravitational Physiology, *Frontiers in Physiology*, 227-232. DOI: 10.3389/978-2-88971-011-9
4. Woodruff, R., Davis, M.[¥], Wang, Y.[¥], Wright, T., Dunbar, B.J., **Kennedy D.M**., & Diaz-Artiles A. (2021). Effect of centrifuge generated altered-gravity on bimanual coordination. Proceedings of the 2021 International Society of Gravitational Physiology, *Frontiers in Physiology*, 240-244. DOI: 10.3389/978-2-88971-011-9

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS

Note: [¥]indicates graduate student mentee.

1. **Kennedy, D.M**., Neto, O.P., Weinrich, M.M[¥]., Keller, N.,Wang, Y.[¥], Artiles-Diaz, A.(2022). EMG-EMG wavelet coherence analysis of muscle coupling during bimanual tasks performed in altered-Gravity. *Society for Neuroscience.*
2. **Kennedy, D.M**., Wang, Y.[¥], Weinrich, M.[¥], Abbott, R., & Diaz-Artiles, A. (2022). Bimanual force control in simulated martian gravity. *Journal of Sport & Exercise Psychology,* 44, S41.
3. Keller, N., **Kennedy, D.M**., Diaz-Artiles, A. (2022). Cardiovascular and Neuromotor responses to orthostatic challenge. *NASA Human Research Program Investigators' Workshop*.
4. Kluis, L., Kennedy, D., Hubbard, J., Diaz-Artiles, A. (2022). Design of the portable offloading for walking, exercise, and running (POWER) device. *ICES, International Conference on Environmental Systems.*
5. Wang, Y.[¥], Neto, O.P., Weinrich, M.[¥], Catro, R.[¥], Wright, T., & **Kennedy, D.M**. (2022). Proximal and distal muscle activation differentially affect bimanual coordination. *Journal of Sport & Exercise Psychology,* 44, S58.
6. Wang, Y.[¥], Weinrich, M.[¥], Bao, S., Lei, Y., Wright, D.L., **Kennedy, D.M.**, Buchanan, J.J. (2022). The investigation of bilateral M1 excitability after training with a bimanual skill. *Society for Neuroscience.*
7. Weinrich, M.[¥], Wang, Y.[¥], & **Kennedy, D.M**. (2022). Time onset and amplitude of force drift during unimanual and bimanual isometric contractions in Parkinson's disease. *Journal of Sport & Exercise Psychology,* 44, S58.
8. Davis, M.M.[¥], Wang, Y.[¥], & **Kennedy, D.M**. (2021). Constant and dynamic bimanual isometric force production in individuals with Parkinson's disease. *Journal of Sport & Exercise Psychology,* 43, S9-S10.
9. Davis, M.M.[¥], Wang, Y.[¥], Woodruff, R., Diaz Artiles, A., & **Kennedy, D.M.** (2021). The influence of gravity on in-phase coordination. *Journal of Sport & Exercise Psychology,* 43, S26-S26.
10. Davis M.[¥], Wang Y.[¥], Woodruff R., Wright T., Dunbar B.J., Diaz-Artiles A., & **Kennedy, D.M.** (2021).The influence of perceptual constraints on bimanual force coordination in simulated microgravity. *International Society for Gravitational Physiology.*

11. Diaz-Artiles, A., Woodruff, R., Davis, M.M.[¥], Wang, Y.[¥], Dunbar, B.J., & **Kennedy, D.M.** (2021). Bimanual coordination in altered gravity during parabolic flight. *NASA HRP IWS.*
12. Hondzinski, J.M., Davis, M.[¥], Wang, Y.[¥], Catro, R.[¥], Hua, R., Kennedy, D.M. (2021). The effects of bimanual coordination constraints on postural control. *Society for Neuroscience.*
13. **Kennedy, D.M**., Davis, M.M.[¥], Wang, Y.[¥], & Neto, O.P. (2021). The influence of integrated feedback information on bimanual force control in individuals with Parkinson's disease. *Journal of Sport & Exercise Psychology,* 43, S34-S34.
14. **Kennedy D.M.,** Davis, M.[¥], Woodruff, R., Wang, Y.[¥], Wright T., Dunbar B.J., Diaz-Artiles A. (2021). The influence of altered-gravity on bimanual force coordination. *International Society for Gravitational Physiology*.
15. Wang, Y.[¥], Davis, M.M.[¥], & **Kennedy, D.M.** (2021). Unimanual and bimanual force control in Parkinson's patients. *Journal of Sport & Exercise Psychology,* 43, S50-S50.
16. Wang, Y.[¥], Davis, M.[¥], Woodruff, R., Wright, T., Dunbar B.J., Diaz-Artiles A., & **Kennedy, D.M.** (2021) Integrated feedback displays to facilitate bimanual coordination in simulated microgravity. *International Society for Gravitational Physiology.*
17. Wang, Y.[¥], Neto, O.P., Davis, M.M.[¥], Castro, R.J.[¥], Wright, T.J., & **Kennedy, D.M**. (2021). The influence of proximal and distal muscle activation on bimanual interference. *Society for Neuroscience.*
18. Wang, Y. [¥], Neto, O.P., Davis, M.M. [¥], & **Kennedy, D.M.** (2021). EMG-EMG wavelet coherence between homologous muscles during symmetric and asymmetric bimanual coordination. *NASPSPA*. *Journal of Sport & Exercise Psychology,* 43, S50-S50.
19. Woodruff, R., Davis, M.[¥], Wang, Y[¥]., Wright, T., Dunbar, B.J., **Kennedy D.M**., & Diaz-Artiles A. (2021). Effect of centrifuge generated altered-gravity on bimanual coordination. *International Society for Gravitational Physiology*.
20. Davis, M.M. [¥], Cohen Gomez, L. [¥], Wang, Y. [¥], & **Kennedy, D.M**. (2020). Assessing coordination dynamics in children. NASPSPA. *Journal of Sport & Exercise Psychology,* 42, S33-S33.
21. **Kennedy, D.M.**, Wang, Y.[¥], & Pinto Neto, O. (2020). The effects of neural crosstalk on coordination dynamics. *Neural Control of Movement.*
22. **Kennedy, D.M**., Wang, Y.[¥], & Pinto Neto, O. (2020). The influence of integrated feedback information on bipedal force control. *Journal of Sport & Exercise Psychology,* 42, S42-S42.
23. Neto, O.P., Crespim, L., Curty, V., & **Kennedy, D.M.** (2020). The influence of timing and spatial parameters on Bayesian inference. *Journal of Sport & Exercise Psychology,* 42, S52-S52.
24. Wang, Y.[¥], Davis, M.M.[¥], Safdari, S.[¥], & **Kennedy, D.M.** (2020). Response biases: The role of interhemispheric transmission time. *Journal of Sport & Exercise Psychology,* 42, S60-S61.
25. Wang, Y.[¥], & Kennedy, D.M. (2020). The influence of accuracy requirements on bimanual and unimanual sequence learning. *Journal of Sport & Exercise Psychology,* 42, S60-S60.
26. Wang, Y.[¥], Neto, O.P., & Kennedy, D.M. (2020). The influence of neural crosstalk on 1:1 in-phase coordination. *Neural Control of Movement.*

27. Wang, Y.[¥], Neto, O.P., Kovacs, A.J., & Kennedy, D.M. (2020). Stability properties associated with bimanual and social coordination. *Journal of Sport & Exercise Psychology,* 42, S60-S60.
28. **Kennedy, D.M**., Neto, O.P., & Chen, Y.T., (2019). Predicting bimanual interference in novel coordination tasks. *Journal of Sport & Exercise Psychology,* 41, S37-S37.
29. Neto, O.P., Crespim, L.[,] Curty, V., & Kennedy, D.M. (2019*).* Bayesian integration of sensorimotor estimation in elite athletes. *Journal of Sport & Exercise Psychology,* 41, S45-S45.
30. Safdari, S.[¥], & **Kennedy, D.M**. (2019). Predicting bimanual interference in novel coordination tasks. *Journal of Sport & Exercise Psychology,* 41, S37-S37.
31. Wang, Y.[¥], & **Kennedy, D.M**. (2019). The influence of right limb force level on a multi-frequency bimanual coordination task. *Journal of Sport & Exercise Psychology,* 41, S51-S51.
32. Boyle, J., **Kennedy, D.**, Saucedo, F., & Cereceres, P. (2018). The role of actor vs observer in reciprocal upper extremity sine wave tracking. *Journal of Sport & Exercise Psychology,* 40, S44-S44.
33. **Kennedy, D.M**., & Shea, C.H. (2018). Response biases: The influence of the contralateral limb and head position. *Journal of Sport & Exercise Psychology,* 40, S55-S55.
34. Shea, C.H., & **Kennedy, D.M.** (2018). Advantages of dyad and triad practice. *Journal of Sport & Exercise Psychology,* 40, S5-S5.
35. **Kennedy, D.M**., Kovacs, A. J. & Shea, C.H. (2017). The effects of neural crosstalk on interpersonal and intrapersonal coordination dynamics. *Society for Neuroscience*.
36. **Kennedy, D.M**., & Shea, C.H. (2017). The influence of integrated feedback on interpersonal and intrapersonal coordination. *Journal of Sport & Exercise Psychology,* 39, S145-S145.
37. **Kennedy, D.M**., Patel, P. & Shea, C.H. (2016). The influence of force production on reaction time in the contralateral limb. *Journal of Sport & Exercise Psychology,* 38, S74-S74.
38. **Kennedy, D.M**., & Shea, C.H. (2016). The consistent nature of interference associated with the activation of homologous and non-homologous muscles. *Society for Neuroscience*.
39. Panzer, S., Massing, M., **Kennedy, D.M**., & Shea, C.H. (2016). Moving the dominant or the non-dominant wrist faster by different start position in a bimanual coordination task. *Journal of Sport & Exercise Psychology,* 38, S94-S95.
40. Boyle, J.B., **Kennedy, D.M.**, Wang, C., & Shea, C.H. (2015). Optimizing high ID performance: The role of the tracking template. *Journal of Sport & Exercise Psychology,* 37, S31-S31.
41. K**ennedy, D.M.**, Rhee, J., Jimenez, J., & Shea, C.H. (2015). Multi-frequency bimanual force production: Symmetric and asymmetric interference. *Society for Neuroscience*.
42. **Kennedy, D.M.**, Rhee, J., & Shea, C.H. (2015). Multifrequency bimanual force production: 1:2 vs. 2:1. *Journal of Sport & Exercise Psychology,* 37, S60-S60.
43. **Kennedy, D.M**., & Shea, C.H. (2015). The influence of integrated feedback information on bimanual force control in older adults. *Journal of Sport & Exercise Psychology,* 37, S55-S55.

44. Panzer, S., **Kennedy, D.M.**, & Shea, C.H. (2015). Intended phase transitions using Lissajous Feedback. *Journal of Sport & Exercise Psychology,* 37, S55-S55.
45. Shea, C.H., **Kennedy, D.M.**, & Wang, C. (2015). Motor output variability (Schmidt et al., 1979) revisited. *Journal of Sport & Exercise Psychology,* 37, S60-S60.
46. Wang, C., **Kennedy, D.M.**, & Shea, C.H. (2015). Where bimanual coordination pattern interacts with element difficulty: Examining coupling stability and harmonic nature of bimanual sequences. *Journal of Sport & Exercise Psychology,* 37, S65-S65.
47. Boyle, J.B., **Kennedy, D.M**., Wang, C., & Shea, C.H. (2014). Age-related kinematic changes following sine wave tracking. *Journal of Sport & Exercise Psychology,* 36, S21-S22.
48. **Kennedy, D.M.**, Wang, C., Boyle, J.B., & Shea, C.H. (2014). The effects of homologous and non-homologous muscle activation on neural crosstalk. *Journal of Sport & Exercise Psychology,* 36, S35-S35.
49. **Kennedy, D.M.**, Panzer, S., & Shea, C.H. (2014). Continuous bimanual movements: The effects of symmetric and asymmetric load. *Journal of Sport & Exercise Psychology,* 36, S35-S36.
50. Panzer, S., Vieluf, S., Aschersleben, G., **Kennedy, D.** & Shea, C.H. (2014). Effects of multifrequency bimanual movements and force control during life span. *Journal of Sport & Exercise Psychology,* 36, S72-S72.
51. Wang, C., **Kennedy, D.M.**, Boyle, J.B., Shea, C.H. (2014) Bimanual and unimanual movement sequences: The role of element difficulty. *Journal of Sport & Exercise Psychology,* 36, S53-S54.
52. Boyle, J.B., **Kennedy, D.M.**, Wang, C., & Shea, C.H. (2013). The role of amplitude in high ID movement optimization. *Journal of Sport & Exercise Psychology,* 35, S22-S22.
53. Boyle, J.B., **Kennedy, D.M.,** Wang, C., & Shea, C.H. (2013). Optimizing the control of high ID wrist and arm movements. *Journal of Sport & Exercise Psychology,* 35, S21-S22.
54. **Kennedy, D.M.**, Wang, C., & Shea, C.H. (2013). Reacting with one limb while moving the contralateral limb. *Journal of Sport & Exercise Psychology,* 35, S32-S33.
55. **Kennedy, D.M.**, Boyle, J.B., Wang, C., & Shea, C.H. (2013). Bimanual force production: Cooperation and interference. *Journal of Sport & Exercise Psychology,* 35, S33-S33.
56. Wang C, **Kennedy, D.M.**, & Shea, C.H. (2013). A guide to performing complex bimanual coordination patterns: Just follow the yellow brick road. *Journal of Sport & Exercise Psychology,* 35, S56-S57.
57. Boyle, J.B., & **Kennedy, D.M.**, Shea, C.H. (2012). Optimizing control of ID = 6 movements. *Journal of Sport & Exercise Psychology,* 34, S131-S131.
58. **Kennedy, D.M.** & Boyle, J.B., & Shea, C.H. (2012). Rhythmical bimanual force production: 1:2 and 2:3 coordination patterns. *Society for Neuroscience*.
59. Shea, C.H., Boyle, J.B., & **Kennedy, D.M**. (2012). Optimizing the control of high ID reciprocal aiming. *Society for Neuroscience*.
60. Shea, C.H., **Kennedy, D.M.**, & Boyle, J.B. (2012). The role of auditory and visual models in the production bimanual tapping patterns. *Journal of Sport & Exercise Psychology,* 34, S131-S131.

61. **Kennedy, D.M.,** & Christou, E.A**.** (2010). Age-associated differences in the control of force and modulation of agonist muscle activity with different amounts of visual feedback. *Society for Neuroscience.*
62. Chen, Y., Neto, O.P., **Kennedy, D.M.**, Marzullo, A.D.M., & Christou, E.A**.** (2010). Aging and motor performance during one and two finger goal-directed tasks. *Society for Neuroscience.*
63. Marzullo, A.D.M., Neto, O.P., **Kennedy, D.M.**, Chen, Y., & Christou, E.A**.** (2010). Age-associated differences in motor output variability during one and two finger constant isometric force. *Society for Neuroscience.*
64. Christou, E.A., Baweja, H.S., **Kennedy, D.M.**, & Wright, D.L. (2010). Aging and learning of fine sinusoidal motor tasks. *Society for Neuroscience.*
65. **Kennedy, D.M.**, Baweja, H.S., Vaillancourt, D.E., & Christou, E.A**.** (2009). Time onset and amplitude of force drift varies with force level during low-intensity constant isometric contractions. *Society for Neuroscience.*
66. Baweja, H.S., **Kennedy, D.M.**, Vu, J.L., Vaillancourt, D.E., & Christou, E.A**.** (2009). Greater amount of visual feedback alters muscle activity and reduces force variability during constant isometric contractions. *Society for Neuroscience.*
67. Christou, E.A., Baweja, H.S., **Kennedy, D.M.**, Wright, D.L. (2009). Age-associated differences in learning novel fine motor tasks. *Society for Neuroscience.*

INVITED PRESENTATIONS

1. **Kennedy, D.M** (2019). Enhancing bimanual coordination: A developmental perspective*. University of Costa Rica,* San Jose, Costa Rica.
2. **Kennedy, D.M** (2019). Inherent and incidental constraints on coordination dynamics*. University of Texas,* Austin, TX.
3. **Kennedy, D.M** (2019). Powerful attractions and dangerous landscapes: A guide for performing complex bimanual tasks*. University of North Texas Health Science Center*, Fort Worth, TX.
4. **Kennedy, D.M** (2019). The use of augmented information for postural control*. University of Costa Rica,* San Jose, Costa Rica.
5. **Kennedy, D.M** (2019). Using Lissajous information to navigate dangerous landscapes*. Software Developer's Cartel,* Bryan, TX.
6. **Kennedy, D.M** (2018). Cooperation and interference: The influence of neural crosstalk on bimanual coordination tasks: *Motor Behavior Seminar, Louisiana State University,* Baton Rouge, LA.
7. **Kennedy, D.M** (2014). NASPSPA Outstanding Student Paper Award Recipient (The effects of homologous and non-homologous muscle activation on neural crosstalk*). Canadian Society for Psychomotor and Sport Psychology.*
8. **Kennedy, D.M** (2013). NASPSPA Outstanding Student Paper Award Recipient (Bimanual force production: Cooperation and interference*). Canadian Society for Psychomotor and Sport Psychology.*

9. **Kennedy, D.M.** (2013). Bimanual control of forces: Do the forces requirements of one limb influence the force production of the contralateral limb? *Sports Science Institute at Saarland University,* Germany.
10. **Kennedy, D.M.** (2013). Bimanual control of forces: Cooperation and interference. *Leibniz Research Centre for Working Environment and Human Factors,* Germany.

LOCAL PRESENTATIONS

Note: ¥indicates graduate student mentee, †indicates undergraduate student mentee.

1. **Kennedy, D.M** (2021). Aggie students helping to fight Parkinson's disease. *Robert Conte Foundation for Parkinson's Disease and Movement Disorders*. College Station, TX.
2. **Kennedy, D.M** (2021). Motor recommendations for individuals with Parkinson's disease. *Robert Conte Foundation for Parkinson's Disease and Movement Disorders*. College Station, TX.
3. **Kennedy, D.M** (2020). Aggie buddies helping to fight Parkinson's disease. *Robert Conte Foundation for Parkinson's Disease and Movement Disorders*. College Station, TX.
4. **Kennedy, D.M** (2020). Fighting Parkinson's disease with virtual instruction. *Robert Conte Foundation for Parkinson's Disease and Movement Disorders*. College Station, TX.
5. **Kennedy, D.M.**, Hur, P., & Zeng, L. (2020). Integrated Feedback for Individuals with Motor Impairments. *Texas A&M Triads for Transformation*. https://pef-symposium.tamu.edu/t3-poster/integrated-feedback-for-individuals-with-motor-impairments/
6. Berrett, S.M.†, Elliott, E., Sawyer†, A., Sosa, H.†, & **Kennedy, D.M.** (2019). Therapeutic activities to alleviate joint pain, increase mobility, and enhance muscular volume in children with Cerebral Palsy. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
7. Ellis, M.B.†, Maedgen, A.†, Esquivel, T.†, Cabello, J.A.†, & **Kennedy, D.M.** (2019). Support for traumatic brain injury in the military to allow a return to duty or civilian life. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
8. Freedo, J.†, Cornavaca, D.†, Rodriguez, V.†, Goodman, Z.†, & **Kennedy, D.M.** (2019). Recommended exercise modalities for individuals with Multiple Sclerosis. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
9. Gage, M.†, Layne, A.†, Trevino, P.†, Haak, D.†, & **Kennedy, D.M.** (2019). The effects of physical activity for individuals with Muscular Dystrophy. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
10. Gibson, A.†, Samaan, T.†, William, M.†, Nguyen., T.† & **Kennedy, D.M.** (2019). Early intervention programs to promote motor, cognitive, and social development in children with Cerebral Palsy. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.***Winner of 3rd place poster competition.*
11. Hernandez, A.†, Ozarowski, A.†, Rodriguez, S.†, Frerich, K.†, & **Kennedy, D.M.** (2019). The influence of bimanual and bipedal therapy in patients with Parkinson's Disease. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU. ***Winner of 2nd place poster competition*.

12. **Kennedy, D.M** (2018). Using technology to enhance motor control. *AdventGx*, Bryan, TX.
13. Safdari, S.[¥], & **Kennedy, D.M.** (2019). The influence of neural crosstalk on movement planning. *Student Research Week,* TAMU.
14. Stack, K.[†], Schuh, M.[†], Root, J.[†], Shepherd, J.[†] & **Kennedy, D.M.** (2019). Aquatic therapy to help patients adjust to lower limb prosthetics. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
15. Wang, Y. [¥], & **Kennedy, D.M.** (2019). The influence of right limb force level on a multi-frequency bimanual coordination task. *Student Research Week,* TAMU.
16. Bove, A.[†], Delgadillo, A.[†], Robertson, N.[†], Arrieta, C.[†], Ouellette, G.[†], & **Kennedy, D.M.** (2018). 30 minutes a day: The use of corticosteroids and activity on patients with Muscular Dystrophy. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
17. Castillo, J.[†], Cavazos, S.[†], Lat, I.[†], Rodriguez, D.[†], Trent, R.[†], & **Kennedy, D.M.** (2018). Neuromotor task training interventions for children with Developmental Coordination Disorder. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
18. Graham, B.[†], Brutton, P.[†], Seidel, M.[†], Gomez, S.[†], Nolan, A.[†], & **Kennedy, D.M.** (2018). Early intervention techniques used to enhance fine movement in children with Autism. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
19. Hamilton, E.[†], & **Kennedy, D.M.** (2018). Skate Therapy. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
20. Johnston, M.[†], Gregg, A.[†], Higginbotham, W.[†], Piland, B.[†], & **Kennedy, D.M.** (2018). Youth sport opportunities for children with special needs. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
21. Lowrey, M.[†], Salgado, F.[†], Martinez, A.[†], Ramos, V.[†], Overdam, A.[†], Bratcher, C. [†], & **Kennedy, D.M.** (2018). Exercise and training: How to improve quality of life for amputees. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
22. Nguyen, A.[†], Wegman, K.[†], Ramos, J.[†], Espinoza, W.[†], & **Kennedy, D.M.** (2018). The techniques and methods occupational therapists use to enhance motor control for children with Down Syndrome. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
23. Trotter, K. M.[†], Mann, B.A.[†], Gaytan, S.L.[†], & **Kennedy, D.M.** (2018). Coaching techniques used to enhance physical activity in children with Autism Spectrum Disorder. *Able, Active, and Adaptive Climate and Diversity Conference,* TAMU.
24. **Kennedy, D.M.** (2018). Dangerous landscapes and powerful attractions: A guide for performing complex bimanual coordination tasks. *Center for Translational Research in Aging and Longevity*, TAMU.
25. **Kennedy, D.M** (2018). Getting involved: Research and volunteering. *Phi Epsilon Kappa,* TAMU.
26. **Kennedy, D.M** (2018). Motor neuroscience and technology. *AdventGx*, Bryan, TX.
27. **Kennedy, D.M** (2018). The human controller. *Innovation Underground*, *AdventGx*, Bryan, TX.
28. **Kennedy, D.M** (2017). Research and service opportunities for kinesiology majors. *Phi Epsilon Kappa,* TAMU.

29. **Kennedy, D.M.** (2016). Bimanual coordination and feedback information. *Phi Epsilon Kappa*, TAMU.
30. **Kennedy, D.M.** (2016). Cooperation and interference: The influence of neural crosstalk on bimanual coordination. *Cognoscenti*, TAMU.
31. **Kennedy, D.M.** (2016). Research for undergraduate students. *Phi Epsilon Kappa*, TAMU.
32. **Kennedy, D.M** (2016). CEHD doctoral discussion panel (Invited Speaker). *College of Education and Human Performance*, TAMU.
33. **Kennedy, D.**M. (2015). Bimanual force control in patients with MS. *Brazos Valley MS Support Group*. College Station, TX.
34. **Kennedy, D.M.**, Rhee, J., & Shea, C.H. (2015). Multi-frequency Bimanual Force Production: 1:2 vs. 2:1. *Student Research Week*, TAMU.
35. **Kennedy, D.M.**, Wang, C., Boyle, J.B., & Shea, C.H. (2014). Rhythmical bimanual force production: Homologous and non-homologous muscles. *Student Research Week*, TAMU.
36. **Kennedy, D.M.**, Wang, C., Boyle, J.B., & Shea, C.H. (2014). Rhythmical bimanual force production: Homologous and non-homologous muscles. *Texas A&M Society for Neuroscience*, TAMU.
37. **Kennedy, D.M.** (2013). Talk to the hand. *Huffines Institute for Sports Medicine and Human Performance.* http://huffinesinstitute.org/resources/articles/articletype/articleview/articleid/522/talk-to-the-hand
38. **Kennedy, D.M.,** Boyle, J.B., Wang, C., & Shea, C.H. (2013). Bimanual force control: Cooperation & interference. *Student Research Week*, TAMU.
39. **Kennedy, D.M.**, Boyle, J.B., & Shea, C.H. (2012). Rhythmical bimanual force production: 1:2 and 2:3 coordination patterns. *Texas Brain & Spine Institute 6th Annual Neuroscience Symposium*.
40. **Kennedy, D.M.,** Boyle, J.B., & Shea, C.H. (2012). Polyrhythmic Bimanual force production. *Texas A&M Institute for Neuroscience Annual Poster Session*.
41. **Kennedy, D.M.,** Boyle, J.B., & Shea, C.H. (2012). The role of auditory and visual models in the production of bimanual tapping patterns. *Student Research Week*, TAMU.
42. **Kennedy, D.M.**, Randleman, M., & Stragler, A. (2003). Bridging the gap between Universities and APE. *TAHPERD*.
43. Avans, D.E., & **Kennedy, D.M**. (2002). Recognizing bias in physical education. *TAHPERD Summer Conference*.
44. Avans, D.E., & **Kennedy, D.M**. (2002). Perceptions of kinesiology majors': Increasing professionalism. *TAHPERD Summer Conference*.

PRESS & MEDIA COVERAGE

1. Texas A&M Today (2021, January). NASA funds Texas A&M research on effects of altered gravity. https://today.tamu.edu/2021/01/15/nasa-funds-texas-am-research-on-effects-of-altered-gravity/
2. Texas A&M Engineering Experiment Station (TEES) (2021). NASA funds Texas A&M research on effects of altered gravity. https://tees.tamu.edu/news/2021/01/nasa-funds-texas-am-research-on-the-effects-of-altered-gravity.html

3. Gillin, H., (2019, November). Injury to innovation: Kinesiology research retrofits odd objects to aid rehabilitation. https://education.tamu.edu/injury-to-innovation-kinesiology-researcher-retrofits-odd-objects-to-aid-rehabilitation/
4. Texas A&M College of Education & Human Development (2019, October). Kennedy Lab: World Stroke Day.https://urldefense.proofpoint.com/v2/url?u=https-3A__www.facebook.com_37628518940_posts_10157339510943941_-3Fvh-3De-26d-3Dn&d=DwICAg&c=u6LDEWzohnDQ01ySGnxMzg&r=_1vk2zF3eqAOu4SeTjqBtg&m=axGxKwZIv8CaqpJw7BVZuy0PEva_YjXBmXB4yzdrD5w&s=Xx9RK0GfvyASNwLuVyFSGIyPWsr8hTNlkH-dqNnS2s0&e=
5. Research Bulletin, TAMU Division of Research (2019, November 4). Health & Human Development: Injury to innovation: Kinesiologist retrogrades objects to aid rehabilitation. https://research.tamu.edu/2019/10/29/14982/

ACADEMIC HONORS AND AWARDS

1. **Thomas A. and Joan C. Read Faculty Fellowship:** 2019-2022 Recipient
    - A faculty fellowship program through the College of Education and Human Development at Texas A&M University. The recipient receives $4000/year for three years.
2. **The Association of Former Students Texas A&M University Distinguished Graduate Student Award in Research**: Recipient 2016
    - An award to recognize outstanding graduate students for their exemplary accomplishments in research.
3. **U.S. Senator Phil Gramm Doctoral Award**: Recipient 2015
    - Established to promote, encourage and reward outstanding teaching and research by doctoral students whose command of their respective disciplines exemplifies the meaning of scholar/mentor in the highest sense. The recipient receives a fellowship in the amount of $5,000.00.
4. **American Kinesiology Association (AKA) National Doctoral Scholar – Honorable Mention:** 2015 Recipient
    - Award to recognize and promote academic excellence, to further the professional competence and dedication of academically accomplished students, and to promote kinesiology and its related fields.
5. **American Kinesiology Association (AKA) National Graduate Student Writing Award – Honorable Mention**: 2015 Recipient
    - Award to recognize graduate students who demonstrate an exceptional ability to conduct and disseminate research with the potential to make a significant impact on the field of kinesiology.
6. **Honor PhD Graduate in Kinesiology, Department of Health & Kinesiology**, **TAMU**: 2015 Recipient
    - Department level award to recognize outstanding graduating students.
7. **Robert B. Armstrong Graduate Scholar Award**: 2015 Recipient
    - Departmental level award to recognize excellence in research.

8. **Subject Area 1st Place, Student Research Week, Texas A&M University**: 2015 Recipient
    - Student Research Week is the largest student-run research symposium in the nation. Subject winners are decided based on total score and ranking in their overall subjects. First place winner receives $300.

College of Education and Human Development Strategic Research Award, TAMU: 2014-2015 Recipient

- Graduate research assistantship allowing student to devote time to work with their advisor on high-impact research activities. The 12-month assistantship includes monthly stipend, tuition, and benefits. Recipients are decided based on exceptional past academic performance, the potential to engage in meaningful, high-impact research, and the potential to generate a number of academic products.

9. **North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Student Research Award – Motor Learning and Control**: 2014 Recipient
    - An award to recognize meritorious research by student members of NASPSPA.
11. **Subject Area 1st Place, Student Research Week, Texas A&M University**: 2014 Recipient
    - Student Research Week is the largest student-run research symposium in the nation. Subject winners are decided based on total score and ranking in their overall subjects. First place winner receives $300.
12. **College of Education and Human Development Strategic Research Award, TAMU:** 2013-2014 Recipient
    - Graduate research assistantship allowing student to devote time to work with their advisor on high-impact research activities. The 12-month assistantship includes monthly stipend, tuition, and benefits. Recipients are decided based on exceptional past academic performance, the potential to engage in meaningful, high-impact research, and the potential to generate a number of academic products.
13. **North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Student Research Award – Motor Learning and Control**: 2013 Recipient
    - An award to recognize meritorious research by student members of NASPSPA.
14. **Robert B. Armstrong Graduate Scholar Award**: 2013 Recipient
    - Departmental level award to recognize excellence in research.
15. **Outstanding Graduate Student of the Year in Kinesiology**: 2013 Recipient
    - Departmental level award to recognize outstanding graduate students.
16. **College of Education and Human Development Strategic Research Award, TAMU:** 2012-2013 Recipient
    - Graduate research assistantship allowing student to devote time to work with their advisor on high-impact research activities. The 12-month assistantship includes monthly stipend, tuition, and benefits. Recipients are decided based on exceptional past academic performance, the potential to engage in meaningful, high-impact research, and the potential to generate a number of academic products.

17. **Melbern G. Glasscock Humanities Award, Student Research Week, Texas A&M University**: 2012 Recipient
    - Student Research Week is the largest student-run research symposium in the nation. Glasscock Humanities Award winners are decided based on content with an interdisciplinary scope. Winner receives $100.
18. **Subject Area 2nd Place, Student Research Week, Texas A&M University**: 2012 Recipient
    - Student Research Week is the largest student-run research symposium in the nation. Subject winners are decided based on total score and ranking in their overall subjects. Second place winner receives $150.
19. **Texas A&M University System Student Led Award for Teaching Excellence (SLATE)**: 2009 Recipient
    - System wide recognition for excellence in teaching solely based on average teaching evaluation scores and weighted for factors such as class size. Recipients receive $2,500-$10,000.
20. **College of Science and Math Student of the Year, Cal Poly, San Luis Obispo:** 1999 Recipient.
    - Outstanding student award selected on the basis of participation in clubs or societies, contribution to the image of the department, and scholastic achievement.
21. **National Association for Sport and Physical Education (NASPA) Major of the Year Award**: 1998 Recipient
    - Celebrates outstanding undergraduate students in the fields of health, physical education, recreation and dance.

PROFESSIONAL SERVICE

Institutional Service and Committee Appointments

Department

- Member, A-1 Evaluation Committee (2020-Current). Department of Health & Kinesiology, TAMU.
- Member, Biomechanics Faculty Search Committee (2019-2020). Department of Health & Kinesiology, TAMU.
- Member, Graduate Student Travel Grant Selection Committee (2019-2020). Department of Health & Kinesiology.
- Member, AAA Conference Planning Committee (2017-2019). Department of Health & Kinesiology, TAMU.
- Member, Climate and Diversity Committee (2017-2019). Department of Health & Kinesiology, TAMU.
- Member, Motor Behavior Faculty Search Committee (2017-2018). Department of Health & Kinesiology, TAMU.
- Member, Portfolio Defense Committee (2007-2010). Kinesiology Division (Pedagogy). Department of Health & Kinesiology, TAMU.
- Member, Department Head Search Committee (2008-2009). Department of Health & Kinesiology, TAMU.

College

- Member, Extraordinary Service Committee (2019-Current). College of Education and Human Development, TAMU.
- Member, Strategic Planning: Advancing Teaching and Learning (2018-2019). College of Education and Human Development, TAMU.

University

- Member, SEC Travel Grant Selection Committee (2019). Texas A&M University.
- Member, PESCA Proposal Review Board (2019). Texas A&M University.

Professional Organization & Journal Service

- Editorial Board Member (2021-Current). *Human Movement Science*.
- Research Review Board Member (2020 – Current). Robert Conte Foundation for Parkinson's Disease and Movement Disorders.
- Member, Motor Learning and Control Program Committee (2017-2018). North American Society for Psychology of Sport and Physical Activity.
- Moderator, Conference Meeting (2016). North American Society for Psychology of Sport and Physical Activity.
- Manuscript Reviewer, *Experimental Brain Research* (2021 – Current).
- Manuscript Reviewer, *Neuroscience Letters* (2021 – Current).
- Manuscript Reviewer, *Frontiers in Psychology* (2020 – Current).
- Manuscript Reviewer, *Psychological Research* (2020-Current).
- Textbook Reviewer, *Lifelong Motor Development*, Wolters Kluwer (2020).
- Manuscript Reviewer, *Motor Control* (2019-Current).
- Manuscript Reviewer, *Journal of Motor Behavior* (2018-Current).
- Manuscript Reviewer, *Journal of Motor Learning and Development* (2018-Current).
- Abstract Reviewer, North American Society for Psychology of Sport and Physical Activity (2018).
- Manuscript Reviewer, *Human Movement Science* (2017-Current).
- Manuscript Reviewer, *Perception, Action, and Cognition* (2014-Current).
- Manuscript Reviewer, *Transaction on Haptics* (2014-Current).
- Grant Reviewer, American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) ING Run for Something Better School Award Program (2012).
- California Association for Health, Physical Education, Recreation, and Dance Cal Poly Chapter President (1998-1999).
- California Association for Health, Physical Education, Recreation, and Dance Cal Poly Chapter Vice President (1997-1998).

PROFESSIONAL ORGANIZATION MEMBERSHIPS

- International Society for Gravitational Physiology 2021-Current

- Society for Neural Control of Movement 2019-Current
  North American Society for Psychology of Sport and Physical Activity 2012-Current
  Society for Neuroscience 2009-Current
- Texas Association for Health, Physical Education, Recreation and Dance 2000-2010
- American Alliance for Health, Physical Education, Recreation and Dance 1998-2010
- California Alliance for Health, Physical Education, Recreation and Dance 1997-1999

OTHER ORGANIZATIONS/AFFILIATIONS

- Robert Conte Foundation for Parkinson's Disease and Movement Disorders 2019-Current
- Software Cartel 2017-Current

STUDENT ORGANIZATION ADVISING

- Chapter Advisor, Phi Epsilon Kappa, TAMU 2016-Current
- Chapter Advisor, Alpha Zeta Chi, TAMU 2004-2010
- Club Advisor, Texas A&M Ag Elite, TAMU 2004-2009
- Club Advisor, Gymnastics Club Team 2004-2009
- Club Advisor, Sam Houston Alliance for Wellness (SHSU) 1999-2004

STUDENT ADVISING & TRAINING

Doctoral Student Chair

- Madison Weinrich (Davis), Kinesiology (Motor Neuroscience) 2019-Current
- Yiyu Wang, Kinesiology (Motor Neuroscience) 2018-Current
  Expected Graduation: Auguest 2023
- Lorinda Gomez, Kinesiology (Motor Neuroscience) 2018-2021
  Changed Advisor/PhD Focus Area
- Sara Safdari, Kinesiology (Motor Neuroscience) 2018-2019
  Leave of absence

Doctoral Student Committee Member

- Lorinda Gomez, Sport Management 2022-Current
- Rui Hua, Mechanical Engineering 2019-2022
  Graduated: May 2022
- Austin McCulloch, Kinesiology (Motor Neuroscience) 2017-2021
  Graduated: August 2021
- Nathan Keller, Aeronautical Engineering/Kinesiology 2022-Current

Doctoral Student Mentorship

- Logan Kluis, Aeronautical Engineering 2021-Current
- Renee Woodruff Abbott, Aeronautical Engineering 2020-Current
- Shawanee Patrick, Mechanical Engineering 2019-2021
  Graduated: December 2021
- Moein Nazifi, Mechanical Engineering 2017-2019
  Graduated: August 2019
- Victor Curty, Biomedical Engineering, Universidade Camilo Castelo Branco 2016-2018
- Leonardo Crespim, Biomedical Engineering, Universidade Camilo Castelo Branco 2016-2018

Masters Student Chair

- Chrislyn Bulgerin, Kinesiology (Motor Neuroscience) 2021-Current
  - Expercted graduation: December, 2022
- Taylor Nagle, Kinesiology (Motor Neuroscience) 2021-Current
- Charleena Perez, Kinesiology (Motor Neuroscience) 2020-Current
- Roberto Castro, Kinesiology (Motor Neuroscience) 2020-2022
  Graduated: May, 2022.
- Joshua Deeman, Kinesiology (Motor Neuroscience) 2019-2021
  Graduated: May, 2021

Masters Student Committee

- Hakjoo Kim 2017-2019

Masters Student Mentorship

- Priya Patel, Kinesiology (Motor Neuroscience) 2015-2016
  Graduated: December 2016

Undergraduate Students (Funded)

- Renee Woodruff, Aeronautical Engineering 2020
- Abby Garza, Kinesiology (Motor Behavior) 2020

TEACHING

Texas A&M University –Kinesiology

Graduate Courses

- KINE 641: Motor Neuroscience: Development Issues (2019)

Undergraduate Courses

- KINE 307: Lifespan Motor Development (2015-Current)
- KINE 406: Motor Learning and Skill Performance (2020-Current)
- KINE 429: Adapted Physical Education (2006-2010; 2019-Current)

Texas A&M University – Physical Education Activity Program

KINE 198: Health and Fitness Lecture (2003-2012)

- KINE 199: Physical Activity Courses Taught (2003-2012)
    - Archery
    - Gymnastics
    - Intermediate Tumbling
    - Majors Tumbling
    - Modified Activity
    - Strength Training
    - Running
    - Tumbling
    - Ultimate Frisbee
    - Yoga

Sam Houston State University – Health & Kinesiology

- HLTH 166: Lifestyle and Wellness (2000-2001)
- KINE 111: Elementary Activities (1999-2003)
- KINE 113: Basketball and Soccer (2003).
- KINE 114: Creative and Non-traditional Games (1999)
- KINE 115: Gymnastics (1999-2003)
- KINE 119: Recreational Activities (2002)
- KINE 212: Archery (1999-2003)
- KINE 215: Fitness for Living (1999-2003)
- KINE 230: First Aid & CPR – American Red Cross (2000-2003)
- KINE 263: Motor Development of the Child (1999-2003)
- KINE 322: Motor Learning (2001-2002; 2014-2015)
- KINE 368: Developmentally Appropriate Motor Programming (1999-2003)
- KINE 469: Adapted Kinesiology (1999-2003)