

FACULTY VITA

1. PERSONAL INFORMATION

Ryan L. Olson (updated April 1, 2026)
 Associate Professor
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2. AREAS OF EXPERTISE

Kinesiology and Nutrition | Sport and Exercise Psychology | Behavioral Neuroscience

3. EDUCATION

Year	Degree	Major	Institution
2016	Ph.D.	Nutritional Sciences	Rutgers University New Brunswick, NJ
2010	B.S.	Kinesiology and Health Promotion	University of Wyoming Laramie, WY

Professional experiences:

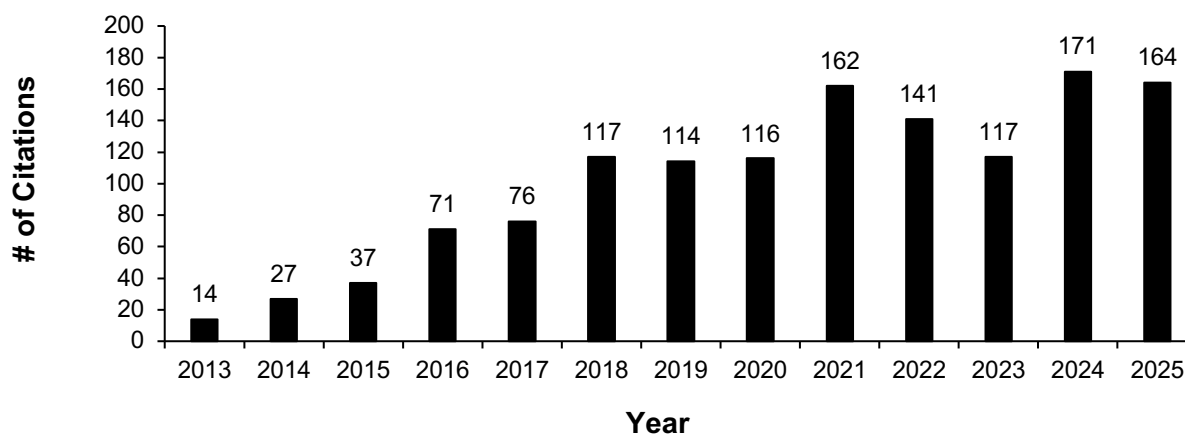
Begin-End Year	Place of Employment	Rank / Job Title
2024 - present	Department of Kinesiology, Health Promotion and Recreation University of North Texas Denton, TX	Associate Professor
2016 - 2024	Department of Kinesiology, Health Promotion and Recreation University of North Texas Denton, TX	Assistant Professor
2010 - 2016	Department of Nutritional Sciences Rutgers University New Brunswick, NJ	Doctoral Research and Teaching Assistant
2007 - 2010	Department of Kinesiology and Health Promotion University of Wyoming Laramie, WY	Undergraduate Research Assistant

4. SCHOLARLY PUBLICATION RECORD

Google Scholar Profile

Citations Indices	All	Since 2021	# Citations	# Publications
Citations (Google scholar)	1367	754	≥300	0
h-index (Google scholar)	17	16	≥100	4
h-index (Web of Science)	16	-	≥50	10
i-index (Google scholar)	18	18	≥25	16

Citations Per Year (Google Scholar)



Data-based or Theoretical refereed papers (*denotes paper on which UNT students are authors/coauthors) (20 total):

Olson, R. L., *Cleveland, D. J., & *Materia, M. (2023). Effects of low-intensity aerobic exercise on neurophysiological and behavioral correlates of cognitive function. *Behavioral Sciences*, 13, 401. <https://doi.org/10.3390/bs13050401>

- JIF5 = 3.070; JIF %ile = 44.93 (JCR, 2022)
- SJR = 0.60; SJQ = 2nd (Scimago, 2022)

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Brush, C. J., Olson, R. L., Bocchine, A. J., Selby, E. A., & Alderman, B. L. (2020). Acute aerobic exercise increases respiratory sinus arrhythmia reactivity and recovery to a sad film among individuals at risk for depression. *International Journal of Psychophysiology*, 156, 69-78. <https://doi.org/10.1016/j.ijpsycho.2020.07.006>

- JIF5 = 3.184; JIF %ile = 59.809 (JCR, 2020)
- SJR = 1.16; SJQ = 2nd (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Brush, C. J., Bocchine, A. J., **Olson, R. L.**, Ude, A. A., Dhillon, S. K., & Alderman, B. L. (2020). Does aerobic fitness moderate age-related cognitive slowing? Evidence from the P3 and lateralized readiness potentials. *International Journal of Psychophysiology*, 155, 63-71. <https://doi.org/10.1016/j.ijpsycho.2020.05.007>

- JIF5 = 3.184; JIF %ile = 59.809 (JCR, 2019)
- SJR = 1.16; SJQ = 2nd (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Lesnewich, L. M., Conway, F. N., Buckman, J. F., Brush, C. J., Ehmann, P. J., Eddie, D., **Olson, R. L.**, Alderman, B. L., & Bates, M. E. (2019). Associations of depression severity with heart rate and heart rate variability in young adults across normative and clinical populations. *International Journal of Psychophysiology*, 142, 57-65. <https://doi.org/10.1016/j.ijpsycho.2019.06.005>

- JIF5 = 3.184; JIF %ile = 59.809 (JCR, 2019)
- SJR = 1.16; SJQ = 2nd (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Brush, C. J., **Olson, R. L.**, Ehmann, P. J., Bocchine, A. J., Bates, M. E., Buckman, J. F., Leyro, T. M., & Alderman, B. L. (2019). Lower resting cardiac autonomic balance in young adults with current major depression. *Psychophysiology*, e13385. <https://doi.org/10.1111/psyp.13385>

- JIF5 = 3.793; JIF %ile = 81.982 (JCR, 2019)
- SJR = 1.62; SJQ = 1st (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Alderman, B. L., **Olson, R. L.**, & Brush, C. J. (2019). Using event-related potentials to study the effects of chronic exercise on cognitive function. *International Journal of Sport and Exercise Psychology*, 17 (2), 106-116. <https://doi.org/10.1080/1612197X.2016.1223419>

- JIF5 = 2.106; JIF %ile = 48.363 (JCR, 2019)
- SJR = 0.53; SJQ = 2nd (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Olson, R. L., Brush, C. J., Ehmann, P. J., Buckman, J. F., & Alderman B. L. (2018). A history of sport-related concussion in associated with sustained deficits in conflict and error monitoring. *International Journal of Psychophysiology*, 132, 145-154. <https://doi.org/10.1016/j.ijpsycho.2018.01.006>

- JIF5 = 3.174; JIF %ile = 52.947 (JCR, 2018)
- SJR = 1.16; SJQ = 2nd (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Brush, C. J., Ehmann, P. J., **Olson, R. L.**, Bixby, W. R., & Alderman, B. L. (2018). Do sport-related concussions result in long-term cognitive impairment? A review of event-related potential research. *International Journal of Psychophysiology*, 132, 124-134.

<https://doi.org/10.1016/j.ijpsycho.2017.10.006>

- JIF5 = 3.174; JIF %ile = 52.947 (JCR, 2018)
- SJR = 1.16; SJQ = 2nd (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Olson, R. L., Brush, C. J., Ehmann, P. J., & Alderman, B. L. (2017). A randomized trial of aerobic exercise on cognitive control in major depression. *Clinical Neurophysiology*, 128, 903-913. <https://doi.org/10.1016/j.clinph.2017.01.023>

- JIF5 = 3.638; JIF %ile = 70.487 (JCR, 2017)
- SJR = 1.56; SJQ = 1st (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Ehmann, P. J., Brush, C. J., **Olson, R. L.**, Bhatt, S. N., Banu, A. H., & Alderman, B. L. (2017). Active workstations do not impair executive function in young and middle-age adults. *Medicine & Science in Sports & Exercise*, 49, 965-974. <https://doi.org/10.1249/MSS.0000000000001189>

- JIF5 = 4.727; JIF %ile = 91.975 (JCR, 2017)
- SJR = 2.07; SJQ = 1st (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Shors, T. J., Millon, E. M., Chang, H. Y. M., **Olson, R. L.**, & Alderman, B. L. (2017). Do sex differences in rumination explain sex differences in depression? *Journal of Neuroscience Research*, 95, 711-718. <https://doi.org/10.1002/jnr.23976>

- JIF5 = 2.549; JIF %ile = 40.805 (JCR, 2017)
- SJR = 1.04; SJQ = 3rd (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Brush, C. J., **Olson, R. L.**, Ehmann, P. J., Osovsky, S., & Alderman, B. L. (2016). Dose-response and time-course effects of acute resistance exercise on core executive functions. *Journal of Sport & Exercise Psychology*, 38, 396-408. <https://doi.org/10.1123/jsep.2016-0027>

- JIF5 = 3.665; JIF %ile = 72.891 (JCR, 2016)
- SJR = 1.12; SJQ = 1st (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Olson, R. L., Brush, C. J., Kwok, A. N., Gordon, V. X., & Alderman, B. L. (2016). Neurophysiological and behavioral correlates of cognitive control during low and moderate

intensity exercise. *NeuroImage*, 131, 171-180.

<https://doi.org/10.1016/j.neuroimage.2015.10.011>

- JIF5 = 6.943; JIF %ile = 93.312 (JCR, 2016)
- SJR = 3.68; SJQ = 1st (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Alderman, B. L., **Olson, R. L.**, Brush, C. J., & Shors, T. J. (2016). MAP training: Combining meditation and aerobic exercise reduces depression and rumination while enhancing synchronized brain activity. *Translational Psychiatry*, 6, e726.

<https://doi.org/10.1038/tp.2015.225>

- JIF5 = 5.601; JIF %ile = 84.859 (JCR, 2016)
- SJR = 2.49; SJQ = 1st (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Olson, R. L., Brush, C. J., O'Sullivan, D. J., & Alderman, B. L. (2015). Psychophysiological and ergogenic effects of music in swimming. *Comparative Exercise Physiology*, 11, 79-87.

<https://doi.org/10.3920/CEP150003>

- JIF5 = 0.7; JIF %ile = 31.5 (JCR, 2016)
- SJR = 0.21; SJQ = 3rd (Scimago, 2017)

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Alderman, B. L., **Olson, R. L.**, Bates, M. E., Selby, E. A., Buckman, J. F., Brush, C. J., Panza, E. A., Kranzler, A., Eddie, D., & Shors, T. J. (2015). Rumination in major depressive disorder is associated with impaired neural activation during conflict monitoring. *Frontiers in Human Neuroscience*, 9, 269.

<https://doi.org/10.3389/fnhum.2015.00269>

- JIF5 = 4.04; JIF %ile = 76.177 (JCR, 2015)
- SJR = 1.47; SJQ = 1st (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Shors, T. J., **Olson, R. L.**, Bates, M. E., Selby, E. A., & Alderman, B. L. (2014). Mental and physical (MAP) training: A neurogenesis inspired intervention that enhances health in humans. *Neurobiology of Learning and Memory*, 115, 3-9.

<https://doi.org/10.1016/j.nlm.2014.08.012>

- JIF5 = 3.914; JIF %ile = 81.834 (JCR, 2014)
- SJR = 1.94; SJQ = 1st (Scimago, 2017)

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Alderman, B. L. & **Olson, R. L.** (2014). The relation of aerobic fitness to cognitive control and heart rate variability: A neurovisceral integration study. *Biological Psychology*, 99, 26-33.

<https://doi.org/10.1016/j.biopsycho.2014.02.007>

- JIF5 = 3.945; JIF %ile = 85.262 (JCR, 2014)
- SJR = 1.60; SJQ = 1st (Scimago, 2017)

Contributions: ☒ Conceptualization ☒ Study Design ☒ Data Collection
☒ Data Analysis ☒ Manuscript Preparation ☒ Manuscript Revision

Alderman, B. L., **Olson, R. L.**, & Mattina, D. M. (2014). Cognitive function during low intensity walking: A test of the treadmill workstation. *Journal of Physical Activity and Health*, 11, 752-758. <https://doi.org/10.1123/jpah.2012-0097>

- JIF5 = 2.789; JIF %ile = 77.211 (JCR, 2014)
- SJR = 0.87; SJQ = 2nd (Scimago, 2017)

Contributions: ☐ Conceptualization ☒ Study Design ☒ Data Collection
☒ Data Analysis ☒ Manuscript Preparation ☒ Manuscript Revision

Alderman, B. L., Benham-Deal, T., Beighle, A., Erwin, H. E., & **Olson, R. L.** (2012). Physical education's contribution to daily physical activity among middle school youth. *Pediatric Exercise Science*, 24, 634-648. <https://doi.org/10.1123/pes.24.4.634>

- JIF5 = 2.134; JIF %ile = 48.340 (JCR, 2012)
- SJR = 0.89; SJQ = 1st (Scimago, 2017)

Contributions: ☐ Conceptualization ☐ Study Design ☒ Data Collection
☒ Data Analysis ☒ Manuscript Preparation ☒ Manuscript Revision

Professional refereed papers (0 total):

Other professional published papers (0 total):

Manuscripts in review or final preparation (8 total):

Olson, R. L., *Marshall, D., & *Materia, M. (in review). Music increases motivation, affect, and arousal during low-intensity cycling. *Psychology of Sport and Exercise*.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Manuscript Preparation ☒ Manuscript Revision

Olson, R. L., *Carmichael, K. E., & *Materia, M. (in review). Moderate-intensity exercise improves cognitive processing speed following acute sleep restriction *Scientific Reports*.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Manuscript Preparation ☒ Manuscript Revision

*Magera, N. P., *Smith, P. E., *Kim, J., *Ambrose, I., *Daniell, C., *Devitt, E., *Materia, M., & **Olson, R. L.** (in review). Neuroelectric indices of emotional processing in individuals with a history of concussion. *Psychophysiology*.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Manuscript Preparation ☒ Manuscript Revision

Olson, R. L., *Sheridan, M. B., *Godby, C., *Smith, P. E., *Magera, N. P., & *Materia, M. (in final preparation). Concussion history is associated with reductions in P3 amplitude and increase P3 latency. *International Journal of Psychophysiology*.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Manuscript Preparation [] Manuscript Revision

*Materia, M., Brush, C. J., McAlvey, G., *Brown, C., & **Olson, R. L.** (in review). Sport-related concussion and neurocognitive function: A systematic review and meta-analysis of event-related brain potential research. *Psychophysiology*

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [] Manuscript Revision

*Materia, M., Hamm, C., & Olson, R. L. (in preparation). Neurocognitive responses to aerobic exercise around the ventilatory threshold: An ERP investigation. *Medicine & Science in Sports & Exercise*.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Manuscript Preparation [] Manuscript Revision

Olson, R. L., Brush, C. J., del Prado, K., & Alderman, B. L. (in final preparation). Neural responses to food images in normal weight and obese individuals. *Appetite*.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [] Manuscript Revision

Olson, R. L., Brush, C. J., del Prado, K., Qian, L., & Alderman, B. L. (in final preparation). Response monitoring and cognitive control in obesity. *Obesity*.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [] Manuscript Revision

Books (0 total):

Books chapters (2 total):

Alderman, B. L., & **Olson, R. L.** (2018). Prescribing exercise for mental health: Mode and dose-response considerations. In Wegner, M. & Henning, B. (Eds.). *The exercise effect on mental health: Neurobiological mechanisms*. Taylor & Francis: New York, NY.

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Alderman, B. L., Bixby, W. R., & **Olson, R. L.** (2017). Using event-related potentials to assess neurocognitive impairment following sports-related concussions. In Ketcham, C. J & Hall, E. E. (Eds.). *Concussions in athletics: Assessment, management, and emerging issues*. Nova Science Publishers: New York, NY.

Contributions: [] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Manuscript Preparation [X] Manuscript Revision

Books chapters in review or final preparation (0 total)

Other Scholarly work (0 total):

5. GRANTS AND CONTRACTS

External grants/contracts (7 total):

External grants and contracts awarded (4 total; \$895,871 total):

McFarlin, B. K., Vingren, J. L., Bowman E. K., & **Olson, R. L.** (2019-2023), Does 90-days of Megasporebiotic supplementation reduce post-prandial responses to a high-fat meal? [PART 2], (\$150,000), Physicians Exclusive, LLC

- Type: Research
- Role: CO-PI (10% effort)

McFarlin, B. K., Vingren, J. L., Bowman E. K., Nite, C., & **Olson, R. L.** (2018-2022), Does daily supplementation with glutathione alter immunity, upper respiratory tract infection, and oxidative stress in individuals training for a half marathon race?, (\$290,550), Kyowa Hakko Bio Co., Ltd.

- Type: Research
- Role: CO-PI (10% effort)

McFarlin, B. K., Vingren, J. L., Bowman E. K., & **Olson, R. L.** (2017-2022), Does 90-days of Megasporebiotic supplementation reduce post-prandial responses to a high-fat meal? [PART 1], (\$420,000), Physicians Exclusive, LLC

- Type: Research
- Role: CO-PI (10% effort)

McFarlin, B. K., & **Olson, R. L.** (2017-2021), The effect of 90-days of prebiotic fiber/probiotic supplementation on body composition and weight management in overweight/obese women, (\$35,321), Nu Science Trading, LLC

- Type: Research
- Role: CO-PI (10% effort)

External grants and contracts in review (0 total):

External research grants and contracts not awarded (3 total; \$519,100 total):

Keller, J. K., Huynh, K. D., & **Olson, R. L.** (2024), Examination of relations among discrimination and modifiable risk factors linked to executive function in midlife African American/Black adults with and without APOE4 carriage: A pilot study, (\$66,217), National Institutes of Health RO3

- Type: Research
- Role: CO-I (6% effort)

Jung, M., Loprinzi, P. D., **Olson, R. L.**, & Voss, M. W., (2024), Exploring the neurophysiological mechanisms of cognition during and post-exercise, (\$10,000), American College of Sports Medicine (ACSM) Research Endowment.

- Type: Research
- Role: CO-I

Olson, R. L., Vingren, J. L., & McFarlin, B. K. (2019), Good Health and Wellness in Indian

Country, (\$442,883), Centers for Disease Control and Prevention

- Type: Research
- Role: PI (50% effort)

Internal grants (1 total):

Internal grants and contracts awarded (1 total; \$10,000 total):

Olson, R. L., McFarlin, B. K., & Ryals, A. J. (2019-2020), Effects of exercise and caloric restriction on adiposity, neurocognitive function, and brain-derived neurotrophic factor (BDNF) in obesity, (\$10,000), COE

- Type: Research
- Role: PI (80% effort)

6. PAPERS AND ABSTRACTS PRESENTED

Peer reviewed research paper and abstract presentations (*denotes presentations on which UNT students are authors and/or coauthors; first author listed presented abstract or paper; 61 total):

International/National (44 total):

*Materia, M., *Hamm, C., & **Olson, R. L.** (2025). Neurocognitive responses to aerobic exercise around the ventilatory threshold: An ERP investigation. Poster presentation at the 65th annual meeting of the Society for Psychophysiological Research. Montreal, Quebec, Canada.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Materia, M., Brush, C.J., McAlvey, G., *Brown, C., & **Olson, R. L.** (2025). A meta-analytic review of sport-related concussions and event-related brain potentials. Poster presentation at the 65th annual meeting of the Society for Psychophysiological Research. Montreal, Quebec, Canada.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Materia, M. & **Olson, R. L.** (2024). Impaired neurocognitive function in individuals with a history of concussion. Poster presentation at the annual meeting of the Psychonomic Society. New York, NY.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Materia, M., *Brown, C. M., *Sheridan, M. B., *Godby, C., *McNorton, S., *Falkstrom, K., & **Olson, R. L.** (2023). Investigating the effects of exercise at ventilatory threshold on neurocognitive function. Poster presentation at the 63rd annual meeting of the Society for Psychophysiological Research. New Orleans, LA.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Sheridan, M. B., *Godby, C., *Smith, P. E., *Magera, N. P., & **Olson, R. L.** (2022). Concussion history is associated with reductions in P3 amplitude and increase P3 latency. Poster presentation at the 62nd annual meeting of the Society for Psychophysiology Research. Vancouver, British Columbia, Canada.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Magera, N. P., *Smith, P. E., *Kim, J., *Ambrose, I., *Daniell, C., *Devitt, E., & **Olson, R. L.** (2020). Neuroelectric indices of emotional processing in individuals with a history of concussion. Poster presentation at the 60th annual meeting of the Society for Psychophysiology Research. Vancouver, British Columbia, Canada.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Carmichael, K. E., *Cleveland, D. J., Vigil, A. G., *Ruhland, M. E., & **Olson, R. L.** (2019). Neuroelectric indices of attentional processing are reduced during low-intensity cycling. Poster presentation at the 66th annual meeting of the American College of Sports Medicine. Orlando, FL.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Carmichael, K. E., Slavish, D. C., & **Olson, R. L.** (2019). Associations between intraindividual variability in sleep, social jetlag, and health-related functioning in college students. Poster presentation at SLEEP 2019, the 33rd annual Meeting of the Associated Professional Sleep Societies, LLC. San Antonio, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Carmichael, K. E., *Roberts, A. M., *Sheridan, M. B., & **Olson, R. L.** (2018). Moderate-intensity exercise improves cognitive processing speed following acute sleep restriction. Poster presentation at the 58th annual meeting of the Society for Psychophysiological Research. Quebec City, Quebec, Canada.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Brush, C. J., Ehmann, P. J., **Olson, R. L.**, Bocchine, A. J., & Alderman, B. L. (2018). Fitness as a moderator of the aging and cognition relationship: An ERP study. Verbal presentation at the annual meeting of the North American Society for Psychology of Sport and Physical Activity. Denver, CO.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Muniz, K. M., Brush, C. J., Ehmann, P. J., **Olson, R. L.**, Bocchine, A. J., & Alderman, B. L. (2018). Attentional focus manipulations on affective, exertional, and physiological responses to

maximal exercise. Poster presentation at the annual meeting of the North American Society for Psychology of Sport and Physical Activity. Denver, CO.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Marshall, D., Martin, S. B., & **Olson, R. L.** (2018). Music with and without lyrics improves motivation, affect, and arousal during moderate-intensity cycling. Poster presentation at the 65th annual meeting of the American College of Sports Medicine. Minneapolis, MN.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Cleveland, D. J., Maroldi, N. J., **Olson, R. L.**, & Alderman, B. L. (2017). The relationship between aerobic fitness, autonomic reactivity, and hostility. Poster presentation at the 32nd annual meeting of the Association for Applied Sport Psychology. Orlando, FL.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

Brush, C. J., Ehmann, P. J., **Olson, R. L.**, Bocchine, A. J., & Alderman, B. L. (2017). Characterizing treatment response to 8-weeks of aerobic exercise training in major depressive disorder. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. San Diego, CA.

Contributions: ☒ Conceptualization ☒ Study Design ☒ Data Collection
☒ Data Analysis ☒ Abstract Preparation

Ehmann, P. J., Brush, C. J., **Olson, R. L.**, Bocchine, A. J., Bhatt, S. N., Banu, A. H., & Alderman, B. L. (2017). Age and task-specific moderators of the aerobic fitness and executive function relationship. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. San Diego, CA.

Contributions: ☒ Conceptualization ☒ Study Design ☒ Data Collection
☒ Data Analysis ☒ Abstract Preparation

Olson, R. L. (2017). Exercise as a neurobehavioral therapy for improving cognitive control and attention in major depressive disorder. Keynote presentation at the 64th annual meeting of the American College of Sport Medicine. Denver, CO.

Contributions: ☒ Conceptualization ☒ Study Design ☒ Data Collection
☒ Data Analysis ☒ Abstract Preparation

Bocchine, A. J., **Olson, R. L.**, Brush, C. J., Ehmann, P. J., & Alderman, B. L. (2017). Effects of an 8-week moderate-intensity aerobic exercise intervention on episodic memory and cognitive control. Poster presentation at the 64th annual meeting of the American College of Sports Medicine. Denver, CO.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

Olson, R. L., Brush, C. J., Ehmann, P. J., & Alderman, B. L. (2016). Effects of an 8-week aerobic exercise intervention on attention and cognitive control in major depressive disorder. Verbal presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Quebec, Canada.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Brush, C. J., **Olson, R. L.,** Ehmann, P. J., Schreier, C. D., James-Palmer, A. M., & Alderman, B. L. (2016). Behavioral and event-related potential indices of cognitive function in long-term yoga practitioners. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Quebec, Canada.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Ehmann, P. J., **Olson, R. L.,** Brush, C. J., & Alderman, B. L. (2016). Slow walking on a treadmill workstation does not impair executive functions. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Quebec, Canada.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Olson, R. L., Brush, C. J., Ehmann, P. J., & Alderman, B. L. (2016). The effects of an 8-week aerobic exercise intervention on depressive symptoms and rumination. *Medicine & Science in Sports & Exercise*, 48, 5S. Verbal presentation at the 63rd annual meeting of the American College of Sports Medicine. Boston, MA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Brush, C. J., **Olson, R. L.,** Ehmann, P. J., & Alderman, B. L. (2016). High-risk sport participation and concussion history on autonomic function. *Medicine & Science in Sports & Exercise*, 48, 5S. Poster presentation at the 63rd annual meeting of the American College of Sports Medicine. Boston, MA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Ehmann, P. J., **Olson, R. L.,** Brush, C. J., & Alderman, B. L. (2016). Fitness moderates the effect of stress responses and recovery in college-aged students. *Medicine & Science in Sports & Exercise*, 48, 5S. Poster presentation at the 63rd annual meeting of the American College of Sports Medicine. Boston, MA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Millon, E., Alderman, B. L., **Olson, R. L.,** Brush, C. J., & Shors, T. J. (2016). Mental and

physical (MAP) training: A neurogenesis-inspired intervention that turns rumination into reflection. Poster presentation at the annual meeting of the Anxiety and Depression Association of America (ADAA). Philadelphia, PA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Banu, L. M., Buckman, J. F., **Olson, R. L.**, Brush, C. J., Eddie, D., Peyser, D., Bates, M. E., Shors, T. J., & Alderman, B. L. (2016). Relationships between alcohol use, depression, and neurocardiac functioning. Poster presentation at the 4th annual meeting of the APA Division 50 Collaborative Perspectives on Addiction. San Diego, CA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., **Olson, R. L.**, Brush, C. J., Ehmann, P. J., & Shors, T. J. (2016). Combining aerobic exercise and focused-attention meditation to target cognitive control processes in major depressive disorder. Verbal presentation at the 56th annual meeting of the Society for Psychophysiological Research. Minneapolis, MN.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Brush, C. J., **Olson, R. L.**, Ehmann, P. J., & Alderman, B. L. (2016). Effects of an 8-week moderate-intensity aerobic exercise intervention on conflict monitoring processes in major depressive disorder. Poster presentation at the 56th annual meeting of the Society for Psychophysiological Research. Minneapolis, MN

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Ehmann, P. J., Brush, C. J., **Olson, R. L.**, & Alderman, B. L. (2016). Resting cardiac autonomic balance (CAB) predicts current major depressive disorder. Poster presentation at the 56th annual meeting of the Society for Psychophysiological Research. Minneapolis, MN

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Shors, T. J., **Olson, R. L.**, Brush, C. J., & Alderman, B. L. (2015). Mental and physical (MAP) training: Combining meditation and aerobic exercise enhances synchronized brain responses during conflict monitoring. Verbal presentation at the annual meeting of the Mind & Life Institute. Garrison, NY.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Brush, C. J., **Olson, R. L.**, Osovsky, S., & Alderman, B. L. (2015). Dose-response and time-course effects of acute resistance exercise on core executive functions. *Journal of Sport & Exercise Psychology*, 37, S1-S154. Verbal presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Portland, OR.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., **Olson, R. L.**, Brush, C. J., & Shors, T. J. (2015). Effects of a combined mental and physical (MAP) training intervention on depressive symptoms, rumination, mindfulness, and aerobic fitness in major depressive disorder. *Journal of Sport & Exercise Psychology*, 37, S1-S154. Verbal presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Portland, OR.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Olson, R. L., Brush, C. J., del Prado, K., & Alderman, B. L. (2015). Neural responses to food images in normal weight, overweight, and obese individuals. *Psychophysiology*, 51, S1-S135. Poster presentation at the 55th annual meeting of the Society for Psychophysiological Research. Seattle, WA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., **Olson, R. L.**, Brush, C. J., & Shors, T. J. (2015). Mental and physical (MAP) training as a neurobehavioral intervention for cognitive control and rumination in depression. *Psychophysiology*, 51, S1-S135. Poster presentation at the 55th annual meeting of the Society for Psychophysiological Research. Seattle, WA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Olson, R. L., Kwok, A., Gordon, V., & Alderman, B. L. (2014). Neuroelectric indices of cognitive control during cycling: Dose-response effects. *Journal of Sport & Exercise Psychology*, 36, S79-S121. Verbal presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Minneapolis, MN.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., Gralla, M. H., & **Olson, R. L.** (2014). Relationship among physical fitness and physical activity to academic and cognitive performance in sixth-grade students. *Journal of Sport & Exercise Psychology*, 36, S79-S121. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Minneapolis, MN.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., **Olson, R. L.**, Townsend, M. A., & Peruch, J. F. (2014). Concussion history and years of high-risk sport participation on cognitive control. *Medicine & Science in Sports & Exercise*, 46, 5S. Poster presentation at the 61st annual meeting of the American College of Sports Medicine. Orlando, FL.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Olson, R. L., del Prado, K., Qian, L., & Alderman, B. L. (2014). Response monitoring and cognitive control in obesity. *Psychophysiology*, 51, S1-S150. Poster presentation at the 54th annual meeting of the Society for Psychophysiological Research. Atlanta, GA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., **Olson, R. L.**, Selby, E. A., Bates, M. E., Buckman, J. F., & Shors, T. J. (2014). Rumination in major depressive disorder is associated with impaired inhibitory control but preserved temporal dynamics of attention: An ERP study. *Psychophysiology*, 51, S1-S150. Poster presentation at the 54th annual meeting of the Society for Psychophysiological Research. Atlanta, GA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Shors, T. J., **Olson, R. L.**, Chang, M., Selby, E. A., Bates, M. E., & Alderman, B. L. (2014). Mental and physical (MAP) training: A neurogenesis-inspired intervention enhances health in homeless traumatized young mothers in the community. Program No. 773.01. 2014 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience. Online. Verbal presentation at the annual meeting of the Society for Neuroscience. Washington, DC.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Shors, T. J., **Olson, R. L.**, Selby, E. A., Kranzler, A., Panza, E., Anderson, M., Loisele, R., Tammineed, P., Eddie, D., Bates, M. E., & Alderman, B. L. (2013). Mind does matter: Using mental and physical skill (MAP) training to enhance brain health and human happiness. Verbal presentation at the annual meeting of the Mind & Life Institute. New Brunswick, NJ.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Olson, R. L. & Alderman, B. L. (2013). The relationship between fitness and cognitive function: A heart rate variability examination. *Medicine & Science in Sports & Exercise*, 45, 5S. Poster presentation at the 60th annual meeting of the American College of Sports Medicine. Indianapolis, IN.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., **Olson, R. L.**, & Mattina, D. M. (2012). Effects of low-intensity walking on cognitive functioning. *Medicine & Science in Sports & Exercise*, 44, 5S. Verbal presentation at the 59th annual meeting of the American College of Sports Medicine. San Francisco, CA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Delli Paoli, A. G., **Olson, R. L.**, & Alderman, B. L. (2011). Relationship between body image concerns, exercise motivation, and behavior: A self-determination perspective. *Journal of Sport & Exercise Psychology*, 33, S126-S200. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Burlington, VT.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Alderman, B. L., Benham-Deal, T., & **Olson, R. L.** (2011). Parental and peer influence on middle school children's physical activity. *Medicine & Science in Sports & Exercise*, 43, 327. Poster presentation at the 58th annual meeting of the American College of Sports Medicine. Denver, CO.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Regional/State (3 total):

*Carmichael, K. E., *Marshall, D. N., *Roche, B. M., & **Olson, R. L.** (2018). Effects of music on arousal, affect, and mood following moderate-intensity cycling. Poster presentation at the annual Texas Regional Chapter of the American College of Sports Medicine. Austin, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Vigil, A. G., *Cleveland, D. J., *Ruhland, M. E., & **Olson, R. L.** (2018). Effects of acute low-intensity cycling on perceived stress, arousal, and attention. Poster presentation at the annual Texas Regional Chapter of the American College of Sports Medicine. Austin, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Brush, C. J., **Olson, R. L.**, Townsend, M. A., Perucho, J. F., & Alderman, B. L. (2015). Concussion history and years of high-risk sport participation on cognitive control. *International Journal of Exercise Science*, 9, 14. Poster presentation at the 37th annual Mid-Atlantic Regional Chapter of the American College of Sports Medicine. Harrisburg, PA.

Contributions: [X] Conceptualization [X] Study Design [X] Data Collection
[X] Data Analysis [X] Abstract Preparation

Local (14 total):

*Hamm, C., *Materia, M., & **Olson, R. L.** (2025). Fasted and fed states on food-related inhibitory control: An event-related potential (ERP) study. Poster presentation at the 3rd annual University of North Texas Research Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[] Data Analysis [X] Abstract Preparation

*Materia, M., Brush, C. J., McAlvey, G., *Brown, C., & **Olson, R. L.** (2025). A meta-analytic review of sport-related concussions and event-related brain potentials. Poster presentation at

the 3rd annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☒ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Brewer, A., *Materia, M. *Hamm, C., & **Olson, R. L.** (2025). Prescribed vs. preferential instructional self-talk: A direct comparison on golf putting performance. Poster presentation at the 3rd annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☐ Data Analysis ☒ Abstract Preparation

*Materia, M., *Lecroy, C., *Beard, S., & **Olson, R. L.** (2024). Using exercise and meditation to improve recovery and enhance neurocognitive function in individuals with a history of sport-related concussion. Poster presentation at the 2nd annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Lusk, G., *Patcha J., *Zayas, C., *Materia, M., & **Olson, R. L.** (2024). Examining the relationship between adiposity and neurocognitive function in obesity. Poster presentation at the 2nd annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Owens, J., *Hussain, A., *Rabbani, M., *Materia, M., & **Olson, R. L.** (2024). Effects of acute focused-attention meditation on neurocognitive functioning and state anxiety. Poster presentation at the 2nd annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Materia, M., *Brown, C. M., *Sheridan, M. B., *Godby, C., *McNorton, S., *Falkstrom, K., & **Olson, R. L.** (2023). Investigating the effects of exercise at ventilatory threshold on neurocognitive function. Poster presentation at the 1st annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

*Lecroy, C., *Canulla, B., *Owens, J., *Patcha, J., *Lusk, G., *Materia, M., & **Olson, R. L.** (2023). Comparing self-selected to prescribed exercise: Which is better for the brain? Poster presentation at the 1st annual University of North Texas Research Day. Denton, TX.

Contributions: ☒ Conceptualization ☒ Study Design ☐ Data Collection
☒ Data Analysis ☒ Abstract Preparation

Clark, L., Hussain, A., Beauchamp, C., Rabbani, M., Zayas, C., Beard, S., Materia, M., & **Olson,**

R. L. (2023). Examining the effects of high-intensity intermittent exercise (HIIE) on neurocognitive function. Posted presentation at the 1st annual University of North Texas Research Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Sandusky, N., & **Olson, R. L.** (2020). The effects of footwear on running performance and experience. Undergraduate honors thesis defense at the annual UNT Scholars Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Sheridan, M. B., & **Olson, R. L.** (2020). Ventilatory threshold and neurocognitive function: A test of the transient hypofrontality theory. Undergraduate honors thesis defense at the annual UNT Scholars Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Sheridan, M. B., *Ambrose, I. T., & **Olson, R. L.** (2019). Modified neurocognitive function during acute moderate-intensity exercise. Poster presentation at the annual UNT Scholars Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Smith, P. E., *Magera, N. P., & **Olson, R. L.** (2019). Associations between concussions and cognitive function. Poster presentation at the annual UNT Scholars Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

*Vigil, A. G., *Cleveland, D. J., *Ruhland, M. E., & **Olson, R. L.** (2018). Effects of acute low-intensity cycling on stress, arousal, and cognitive function. Poster presentation at the annual UNT Scholars Day. Denton, TX.

Contributions: [X] Conceptualization [X] Study Design [] Data Collection
[X] Data Analysis [X] Abstract Preparation

Educational and service paper and abstract presentations (0 total):

International/National (0 total):

Regional/State (0 total):

Local (0 total):

Invited Conference Lectures and Symposiums

International/National (1 total):

Alderman, B. A., Brush, C. J., **Olson, R. L.**, & Bocchine, A. J. *Using neural measures to predict exercise treatment response in major depression*. Presented at the New Jersey Institute for Food, Nutrition, and Health's First Annual Research Day. Fall 2019.

Regional/State (0 total):

Local (16 total):

Olson, R. L. *Exercise as Treatment for Depression*. Presented to the KINE 5100: Research Perspectives in KHPR class. Fall 2022.

Olson, R. L. *Career Opportunities in Kinesiology*. Presented to the Kinesiology, Health Promotion, and Recreation Student Organization (KHPROs). Spring 2019.

Olson, R. L. *Exercise Addiction*. Presented to the COUN 5800: Process Addictions class. Summer 2018.

Olson, R. L. *Nutrition and Mental Health*. Presented to the HLTH 2100: Mental Health class. Fall 2017.

Olson, R. L. *Sport & Exercise Psychology*. Presented to the KINE 2030: Introduction to Kinesiology class. Fall 2016.

Olson, R. L. *Study design, population selection, and IRB considerations in human research*. Presented to the Honors Seminar I in Exercise Science class. Spring 2011 - Spring 2016.

Olson, R. L. *Research methods in exercise science*. Presented to the Honors Seminar II in Exercise Science class. Fall 2011 - Spring 2016.

Olson, R. L. *Introduction to the event-related potential*. Presented to the SAS Honors Program Seminar: One Mind, Two Languages class. Fall 2014 - Spring 2016.

Olson, R. L. *Research opportunities in exercise and sport science*. Presented to the First-Year Interest Group Seminar: Exploring Exercise Science and Sport Psychology class. Fall 2015.

Olson, R. L. *Psychophysiology research: The event-related potential*. Presented to the Bilingualism in the Spanish Speaking World class. Fall 2015.

Olson, R. L. *Assessing neurocognitive function through EEG*. Presented to the Graduate Seminar in Bilingualism class. Fall 2015.

Olson, R. L. *Exercise physiology: Brain activity during exercise*. Presented to the Foundations of Exercise Science & Sport Studies class. Fall 2014.

Olson, R. L. *Cognitive function and exercise, Exercise and anxiety, and Behavioral neuroscience*. Presented to the Psychophysiology of Exercise class. Fall 2014.

Olson, R. L. *Imagery and sport performance*. Presented to the Psychology of Sport and Exercise class. Spring 2014.

Olson, R. L. *Exercise and depression*. Presented to the Exercise Psychology class. Fall 2013.

Olson, R. L. *Effects of exercise on mental health.* Presented to the Byrne Seminar: Can Exercise Change Your Brain? Class. Spring 2013.

7. JOURNAL ACTIVITY

Editor

Editorial board

Reviewer

- Mental Health and Physical Activity*
- Experimental Brain Research*
- Scientific Reports*
- Psychology of Sport & Exercise*
- Journal of Strength and Conditioning Research*
- Sports Medicine*
- PLOS ONE*
- Journal of Physical Activity & Health*
- Psychological Reports*
- Journal of Affective Disorders*
- International Journal of Psychophysiology*
- Medicine & Science in Sports & Exercise*
- Psychophysiology*
- Journal of Sport and Exercise Psychology*
- Comparative Exercise Physiology*

8. HONORS AND AWARDS

2022	COE Teaching Excellence Award, KHPR nominee
2021	UNT Annual Institutional Effectiveness Award, KINE MS Program
2021	Mean Green Faculty/Staff Spotlight
2019	UNT DC Fellow Program, COE Representative
2018, 2019	COE Junior Faculty Research Award, KHPR nominee
2019	UNT Faculty Success Conference Travel Support Award (\$1,000)
2016	UNT Junior Faculty Research Support Award (\$5,000)
2016	Rutgers University Conference Travel Award (\$250)
2016	NIH - National Institute of Mental Health UC-Davis ERP Boot Camp
2015	Rutgers University Conference Travel Award (\$200)
2013	Rutgers University Conference Travel Award (\$100)

9. MEMBERSHIP AND SERVICE TO PROFESSIONAL AND GOVERNMENT ORGANIZATIONS AND INSTITUTIONS

Professional memberships

2010-present	American College of Sports Medicine
2013-present	Society for Psychophysiological Research

2016-present	Texas Chapter of the American College of Sports Medicine
2016-2022	Association for Applied Sport Psychology
2010-2016	North American Society for Psychology of Sport and Physical Activity
2010-2016	Mid-Atlantic Chapter of the American College of Sports Medicine

Grant Reviewer and Other Service to Government Organizations

Offices and Committee Assignments in Professional Organizations

2019-2020	Student Research Development Award Reviewer, Texas Chapter of the American College of Sports Medicine
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External Reviews for Tenure and/or Promotion Completed

Peer-Mentoring of External and Internal Faculty

Internal – Assigned

2024-present	Samantha Moss Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas
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Internal – Unassigned

2024-present	Megan Ware, Assistant Professor Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas
2024-present	Myungjin Jung, Assistant Professor Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas
2022-present	Sarah Deemer, Assistant Professor Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas
2021-2024	Lydia Caldwell, Assistant Professor Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas
2020-2022	Elizabeth Hubbard, Assistant Professor Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas
2020-2022	Stephanie Silveira, Assistant Professor Assistant Professor Department of Kinesiology, Health Promotion and Recreation University of North Texas

External – Unassigned

2023-present Christopher J. Brush, Assistant Professor
Department of Movement Sciences/School of Kinesiology
University of Idaho/Auburn University

10. CONSULTING

2017-2018 Research Scientist Consultant for PepsiCo, Inc.

11. CREDENTIALS

<u>Begin/end year</u>	<u>Name of credential, credentialing body/organization</u>
2024-present	Generative AI: Prompt Engineering Basics, IBM
2024-present	Innovative Teaching with ChatGPT, Vanderbilt University
2024-present	Artificial Intelligence (AI) Education for Teachers, IBM
2020-present	Improve (formerly TracDat) Training, UNT
2019-present	COGNOS Training, UNT
2019-present	Insights Training, UNT
2019	Faculty Search Committee Training, UNT
2016	UC-David Center for Mind and Brain ERP Boot Camp, National Institute of Mental Health (NIMH)
2016-present	Security Awareness Training, UNT
2019-present	Preventing Discrimination and Harassment Training, UNT
2019-present	FERPA Training, UNT
2016-present	Compliance Awareness Training, UNT
2019-present	Bloodborne Pathogen Safety Training, UNT
2019-present	BSL1 and BSL2 Biosafety Training, UNT
2017-present	DEXA and Radiation Safety Training, TWU/UNT
2015-present	Responsible Conduct of Research Training, Collaborative Institutional Training Initiative (CITI)
2015-present	Biomedical/Clinical Research Training, Collaborative Institutional Training Initiative (CITI)
2015-present	Social/Behavioral/Epidemiological Research Training, Collaborative Institutional Training Initiative (CITI)
2014	Ethical Scientific Conduct Training, National Institutes of Health (NIH)
2014	Heart Rate Variability & Impedance Cardiography Safety Training, MindWare Technologies
2014	UC-Davis Center for Mind and Brain Mini ERP Boot Camp, National Institute of Mental Health (NIMH)
2010-2015	Protecting Human Research Participants Training, National Institutes of Health (NIH)
2010-2016	Animal Safety Training, Rutgers University Institutional Animal Care and Use Committee (IACUC)
2010-2016	Lab Safety Training, Rutgers University Environmental Health and Safety (REHS)

12. INSTRUCTIONAL ACTIVITIES

Areas of expertise

- Sport and exercise psychology
- Psychophysiology and behavioral neuroscience
- Foundations of kinesiology and nutrition

Summary of Curriculum-Based Courses

Course #	Course Title	Level	Semesters Taught	Total Enrolled
KINE 2030	Introduction to Kinesiology	UG	13	959
KINE 3030	Foundations of Sport Nutrition & Metabolism	UG	8	394
KINE 4000	Psychology of Sport	UG	15	744
KINE 5125	Sport and Exercise Psychology	GRAD	2	31
KINE 6125	Sport and Exercise Psychology II	GRAD	2	5
KINE 5135	Exercise and Health Psychology	GRAD	7	156
KINE 6135	Exercise and Health Psychology II	GRAD	4	18
KINE 5200	Professional Development in Kinesiology	GRAD	1	31
KINE 5800	Studies in Kinesiology	GRAD	4	87
KINE 6010	Seminar in Human Performance and Movement Science	GRAD	2	14
TOTAL			58	2439

Summary of Research- and Internship-Based Courses

Course #	Course Title	Level	Semesters Taught	Total Enrolled
KINE 2900	Special Problems (TAMS/UG mentored research)	UG	1	1
KINE 2910	Special Problems (TAMS/UG mentored research)	UG	2	2
KINE 3996	Honors College Mentored Research Experience	UG	2	2
PSYC 4850	Research in Psychology	UG	4	16
KINE 4900	Special Problems (junior/senior mentored research I)	UG	9	25
KINE 4910	Special Problems (junior/senior mentored research II)	UG	6	13
KINE 4951	Honors College Capstone Thesis	UG	1	2
KINE 5205	Sport and Exercise Psychology Seminar I & II	GRAD	5	50
KINE 5860	Practicum, Field Problem, or Internship	GRAD	5	9
KINE 5900	Special Problems (graduate mentored research)	GRAD	11	33
PSYC 5900	Special Problems (graduate mentored research)	GRAD	1	1
KINE 5910	Special Problems (graduate culminating research)	GRAD	16	35
KINE 5920	Research Problems in Lieu of Thesis	GRAD	4	4
KINE 5940	Current Topics in Kinesiology	GRAD	1	1
KINE 5950	Master's Thesis	GRAD	9	14
PSYC 6610	Independent Research	GRAD	2	2
PSYC 6950	Dissertation	GRAD	2	2
TOTAL			81	212

Courses Taught**Graduate**

Course Prefix, Course #, & Course Title	Semester, Year	# of Students	Summative Rating & Challenge/Engagement
KINE 5910 Special Problems	Fall, 2025	1	n/a
KINE 5920.706 Research Problems	Fall, 2025	1	n/a

PSYC 6950.718 Dissertation	Fall, 2025	1	n/a
KINE 5860.701 Internship	Spring, 2025	3	n/a
KINE 5860.708 Internship	Spring, 2025	1	n/a
KINE 5910.701 Special Problems	Spring, 2025	1	n/a
KINE 5920.707 Research Problems	Spring, 2025	1	n/a
PSYC 6950.737 Dissertation	Spring, 2025	1	n/a
KINE 6010.001 Seminar in HPMS	Spring, 2025	6	5.0/5 & 3.5/7
KINE 5135.001 Ex/Health Psych	Spring, 2025	19	4.6/5 & 5.4/7
KINE 5200.001 Prof Dev in Kine	Spring, 2025	31	4.7/5 & 4.1/7
KINE 5860.705 Practicum/Internship	Fall, 2024	1	n/a
KINE 5900.702 Special Problems	Fall, 2024	4	n/a
KINE 5910.702 Special Problems	Fall, 2024	3	n/a
KINE 5920.703 Research Problems	Fall, 2024	1	n/a
PSYC 6950.718 Dissertation	Fall, 2024	1	n/a
KINE 6010.001 Seminar in HPMS	Fall, 2024	8	4.9/5.0 & 4.5/7.0
KINE 5860.701 Practicum/Internship	Summer, 2024	1	n/a
PSYC 5900.724 Special Problems	Spring, 2024	1	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2024	22	3.6/5.0 & 5.6/7.0
KINE 6135.600 Ex/Health Psych II	Spring, 2024	1	^
KINE 5800.001 Studies in Kine	Spring, 2024	46	4.7/5.0 & 4.7/7.0
KINE 5900.703 Special Problems	Fall, 2023	5	n/a
PSYC 6610.725 Indepen Research	Fall, 2023	1	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2023	12	4.9/5.0 & 5.5/7.0
KINE 6135.001 Ex/Health Psych II	Spring, 2023	1	^
KINE 5800.001 Studies in Kine	Spring, 2023	12	5.0/5.0 & 4.5/7.0
PSYC 6610.725 Indepen Research	Fall, 2022	1	n/a
KINE 5910.704 Special Problems	Fall, 2022	4	n/a
KINE 5860.002 Practicum/Internship	Fall, 2022	1	n/a
KINE 5860.701 Practicum/Internship	Summer, 2022	2	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2022	23	4.5/5.0 & 5.0/7.0
KINE 5800.001 Studies in Kine	Spring, 2022	17	4.9/5.0 & 5.4/7.0
KINE 5900.700 Special Problems	Spring, 2022	3	n/a
KINE 5910.702 Special Problems	Spring, 2022	1	n/a
KINE 5920.703 Research Problems	Spring, 2022	1	n/a
KINE 5910.703 Special Problems	Fall, 2021	1	n/a
KINE 5910.706 Special Problems	Spring, 2021	4	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2021	30	4.7/5.0 & 5.1/7.0
KINE 5800.001 Studies in Kine	Spring, 2021	12	4.2/5.0 & 4/7.0
KINE 5900.707 Special Problems	Fall, 2020	4	n/a

KINE 5910.707 Special Problems	Fall, 2020	3	n/a
KINE 5910.700 Special Problems	Summer, 2020	1	n/a
KINE 5900.706 Special Problems	Spring, 2020	1	n/a
KINE 5910.706 Special Problems	Spring, 2020	7	n/a
KINE 5920.701 Research Problems	Spring, 2020	1	n/a
KINE 5950.701 Thesis	Spring, 2020	1	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2020	22	3.6/5.0 & 5.1/7.0
KINE 6135.600 Ex/Health Psych II	Spring, 2020	1	^
KINE 5900.707 Special Problems	Fall, 2019	7	n/a
KINE 5910.707 Special Problems	Fall, 2019	1	n/a
KINE 5950.701 Thesis	Fall, 2019	2	n/a
KINE 5910.700 Special Problems	Summer, 2019	1	n/a
KINE 5950.001 Thesis	Summer, 2019	1	n/a
KINE 5900.706 Special Problems	Spring, 2019	1	n/a
KINE 5910.706 Special Problems	Spring, 2019	2	n/a
KINE 5950.701 Thesis	Spring, 2019	1	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2019	22	3.7/5.0 & 4.7/7.0
KINE 6135.001 Ex/Health Psych II	Spring, 2019	2	^
KINE 5900.707 Special Problems	Fall, 2018	1	n/a
KINE 5910.707 Special Problems	Fall, 2018	1	n/a
KINE 5950.701 Thesis	Fall, 2018	1	n/a
KINE 5900.700 Special Problems	Summer, 2018	1	n/a
KINE 5900.706 Special Problems	Spring, 2018	4	n/a
KINE 5910.706 Special Problems	Spring, 2018	2	n/a
KINE 5950.701 Thesis	Spring, 2018	3	n/a
KINE 5125.001 Sport/Ex Psych	Fall, 2017	10	3.7/5.0 & 5.0/7.0
KINE 5125.600 Sport/Ex Psych	Fall, 2017	2	^
KINE 5125.791 Sport/Ex Psych	Fall, 2017	1	^
KINE 6125.001 Sport/Ex Psych II	Fall, 2017	1	^
PSYC 6125.001 Sport/Ex Psych II	Fall, 2017	2	^
KINE 5900.712 Special Problems	Fall, 2017	2	n/a
KINE 5910.700 Special Problems	Fall, 2017	2	n/a
KINE 5950.700 Thesis	Fall, 2017	2	n/a
KINE 5940.600 Current Topics	Summer, 2017	1	n/a
KINE 5950.001 Thesis	Summer, 2017	1	n/a
KINE 5950.703 Thesis	Spring, 2017	1	n/a
KINE 5910.701 Special Problems	Spring, 2017	1	n/a
KINE 5900.702 Special Problems	Spring, 2017	1	n/a
KINE 5135.001 Ex/Health Psych	Spring, 2017	17	4.7/5.0 & 5.5/7.0

KINE 6135.001 Ex/Health Psych II	Spring, 2017	1	^
KINE 5125.001 Sport/Ex Psych	Fall, 2016	18	3.7/5.0 & 5.3/7.0
KINE 6125.001 Sport/Ex Psych II	Fall, 2016	1	^
PSYC 6125.001 Sport/Ex Psych II	Fall, 2016	2	^

Undergraduate

<i>Course Prefix, Course #, & Course Title</i>	<i>Semester, Year</i>	<i># of Students</i>	<i>Summative Rating & Challenge/Engagement</i>
KINE 3030.410 Found Sp Nutrition	Winter, 2025/2026	20	4.9/5 & 4.5/7
KINE 4000.001 Psych of Sport	Fall, 2025	49	4.9/5 & 4.8/7
HLTH 3150.001 Psych of Exercise	Fall, 2025	40	4.7/5 & 4.9/7
KINE 3030.401 Found Sp Nutrition	Summer, 2025	24	4.9/5 & 4.8/7
KINE 4000.001 Psych of Sport	Summer, 2025	22	4.9/5 & 5.0/7
KINE 4900.702 Special Problems	Spring, 2025	1	n/a
PSYC 4850.001 Research in Psych	Spring, 2025	3	n/a
KINE 3030.402 Found Sp Nutrition	Winter, 2024/2025	10	4.7/5.0 & 4.3/7.0
PSYC 4850.001 Research in Psych	Fall, 2024	2	n/a
KINE 4000.001 Psych of Sport	Fall, 2024	35	4.8/5.0 & 4.3/7.0
KINE 3030.901 Found Sp Nutrition	Summer, 2024	35	4.6/5.0 & 4.7/7.0
KINE 4000.001 Psych of Sport	Summer, 2024	21	4.9/5.0 & 4.6/7.0
PSYC 4850 Research in Psych	Spring, 2024	5	5.0/5.0 & 6.5/7.0
KINE 3030.801 Found Sp Nutrition	Winter, 2023/2024	27	4.8/5.0 & 4.9/7.0
PSYC 4850.001 Research in Psych	Fall, 2023	6	5.0/5.0 & 6.8/7.0
KINE 4000.001 Psych of Sport	Summer, 2023	21	4.8/5.0 & 5.0/7.0
KINE 3030.901 Found Sp Nutrition	Summer, 2023	47	4.7/5.0 & 4.4/7.0
KINE 2030.801 Intro to Kine	Winter, 2022/2023	27	4.7/5.0 & 4.4/7.0
KINE 4000.003 Psych of Sport	Fall, 2022	39	4.9/5.0 & 5.0/7.0
KINE 2030.001 Intro to Kine	Fall, 2022	74	4.8/5.0 & 4.4/7.0
KINE 2030.901 Intro to Kine	Summer, 2022	39	4.9/5.0 & 6.2/7.0
KINE 3030.901 Found Sp Nutrition	Summer, 2022	56	4.7/5.0 & 5.8/7.0
KINE 2030.800 Intro to Kine	Winter, 2021/2022	19	4.6/5.0 & 5.2/7.0
KINE 4000.001 Psych of Sport	Fall, 2021	46	4.7/5.0 & 5.4/7.0
KINE 2030.900 Intro to Kine	Fall, 2021	100	4.4/5.0 & 4.5/7.0
KINE 3030.900 Found Sp Nutrition	Summer, 2021	31	4.1/5.0 & 5.6/7.0
KINE 3030.900 Found Sp Nutrition	Summer, 2021	35	4.4/5.0 & 5.6/7.0
KINE 2910.700 Special Problems	Spring, 2021	1	n/a
KINE 2030.800 Intro to Kine	Winter, 2020/2021	18	4.3/5.0 & 4.3/7.0
KINE 2030.900 Intro to Kine	Fall, 2020	100	4.4/5.0 & 4.4/7.0
KINE 4000.001 Psych of Sport	Fall, 2020	49	4.3/5.0 & 4.3/7.0

KINE 2030.001 Intro to Kine	Summer, 2020	34	4.5/5.0 & 4.4/7.0
KINE 3030.900 Found Sp Nutrition	Summer, 2020	77	4.5/5.0 & 4.5/7.0
KINE 4000.003 Psych of Sport	Spring, 2020	42	4.5/5.0 & 4.9/7.0
KINE 4900.704 Special Problems	Spring, 2020	1	n/a
KINE 4910.704 Special Problems	Spring, 2020	2	n/a
KINE 4951.700 Honors Thesis	Spring, 2020	2	n/a
KINE 2910.700 Special Problems	Spring, 2020	1	n/a
KINE 2030.800 Intro to Kine	Winter, 2019/2020	29	4.3/5.0 & 4.6/7.0
KINE 2030.900 Intro to Kine	Fall, 2019	194	4.5/5.0 & 4.5/7.0
KINE 4000.001 Psych of Sport	Fall, 2019	74	4.7/5.0 & 5.0/7.0
KINE 4900.707 Special Problems	Fall, 2019	1	n/a
KINE 4910.707 Special Problems	Fall, 2019	3	n/a
KINE 3996.702 Honors Research	Fall, 2019	1	n/a
KINE 2910.700 Special Problems	Fall, 2019	1	n/a
KINE 2030.001 Intro to Kine	Summer, 2019	41	4.0/5.0 & 4.9/7.0
KINE 3030.900 Found Sp Nutrition	Summer, 2019	71	4.6/5.0 & 4.4/7.0
KINE 4900.704 Special Problems	Spring, 2019	3	n/a
KINE 4910.704 Special Problems	Spring, 2019	2	n/a
KINE 4000.501 Psych of Sport	Spring, 2019	16	4.7/5.0 & 5.0/7.0
KINE 4000.003 Psych of Sport	Spring, 2019	32	4.7/5.0 & 4.6/7.0
KINE 2900.701 Special Problems	Spring, 2019	1	n/a
KINE 2030.900 Intro to Kine	Winter, 2018/2019	38	4.5/5.0 & 4.6/7.0
KINE 2030.001 Intro to Kine	Fall, 2018	246	4.5/5.0 & 4.6/7.0
KINE 4000.001 Psych of Sport	Fall, 2018	67	4.6/5.0 & 4.6/7.0
KINE 4900.700 Special Problems	Fall, 2018	5	n/a
KINE 4910.707 Special Problems	Fall, 2018	3	n/a
KINE 4000.001 Psych of Sport	Summer, 2018	18	5.0/5.0 & 5.0/7.0
KINE 4900.700 Special Problems	Summer, 2018	1	n/a
KINE 4910.700 Special Problems	Summer, 2018	1	n/a
KINE 4000.001 Psych of Sport	Spring, 2018	58	4.2/5.0 & 4.5/7.0
KINE 4900.793 Special Problems	Spring, 2017	7	n/a
KINE 4910.702 Special Problems	Spring, 2017	2	n/a
KINE 4900.701 Special Problems	Fall, 2017	3	n/a
KINE 4900.707 Special Problems	Fall, 2017	1	n/a
KINE 4000.001 Psych of Sport	Summer, 2017	25	4.0/5.0 & 4.8/7.0
KINE 4000.001 Psych of Sport	Spring, 2017	96	4.4/5.0 & 4.7/7.0
KINE 4900.702 Special Problems	Spring, 2017	2	n/a
KINE 3996.002 Honors Research	Spring, 2017	1	n/a
KINE 4000.001 Psych of Sport	Fall, 2016	103	4.4/5.0 & 4.7/7.0

13. GRADUATE AND UNDERGRADUATE STUDENTS ADVISED

Summary (Graduate)

Description	Total	Chair	Member
Doctoral Dissertation Committee - completed	2	1	1
Doctoral Dissertation Committee - current	3	2	1
Master's Thesis Committee - completed	7	4	3
Master's Thesis Committee - current	0	0	0
Culminating Research Project - completed	38	38	0
Culminating Research Project - current	2	2	0
Culminating Internship Experience - completed	9	9	0
Culminating Internship Experience - current	0	0	0
TOTAL	61	56	5

Completed doctoral committees chaired (1 total)

Ian Ambrose (Department of Psychology)

- Completed: Spring 2021 (left program due to personal reasons)

Current doctoral committees chairing (2 total)

Cody Hamm (Department of Kinesiology, Health Promotion and Recreation)

- Start: Fall 2025
- Anticipated completion: Spring 2029
- Dissertation title: TBD

Melissa Materia (Department of Psychology)

- Start: Fall 2022
- Anticipated completion: Fall 2026
- Dissertation title: Exploring the effects of concussions on neurocognitive function

Completed doctoral committees served on (1 total)

Amanda Leibovitz (Department of Educational Psychology)

- Completed: Spring 2020
- Dissertation title: Coaching Athletes with post-traumatic stress: Exploring trauma-related competencies and coaching efficacy
- Professional position following graduation: Cognitive Performance Specialist

Current doctoral committees serving on (1 total)

Kara Stuart (Department of Psychology)

- Start: Fall 2022
- Anticipated completion: Spring 2027
- Dissertation title: The breadth of mindful breath: Modulating cognitive performance and oscillatory EEG activity through repeated mindfulness

Completed Master's thesis (4 total) or culminating research project (38 total) committees chaired

Nicholas Magera (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020
- Thesis title: Neuroelectric indices of emotional processing in individuals with a history of concussion
- Professional position following graduation: Psychology Ph.D. Student, UNT

Kaitlyn Carmichael (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018
- Thesis title: Effects of a single bout of exercise on neurocognitive function following acute sleep restriction
- Professional position following graduation: Research Professional and Swim Team Coach

David Cleveland (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018
- Thesis title: The effects of low-intensity exercise on neurocognitive function
- Professional position following graduation: Licensed Benefits Advisor

Daniel Marshall (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2017
- Thesis title: Music with and without lyrics increases motivation, affect, and arousal during moderate-intensity cycling
- Professional position following graduation: Denton County MHMR Center

Carolyne Lawley (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2025

Audrey Evans (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2025

Akshaya Sureshkumar (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2024

Gabrielle Lusk (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2024

Jadyn Owens (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2024

Jodie Patcha (Department of Kinesiology, Health Promotion, and Recreation)

- Completed: Fall 2024

Carson Lecroy (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2024

Karina Falkstrom (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2023

Sydney McNorton (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2023

Cassidy Brown (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2023

Cheyenne Godby (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2022

Madalyn Sheridan (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2022

Jorge Martinez (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2021

Cam Mutchler (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2021

Emily Ware (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2021

Princess Washington (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2021

Mansi Dayani (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2021

Erin Shultz (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2021

Aundrea Benavidez (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2020

Alexandra Corne (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2020

Jermeci'A Rene (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2020

Kris Copeland (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Elizabeth Devitt (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Caeson Daniell (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Priyanka Mehta (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Riley Tendler (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Matthew Lemon (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Christopher Stevens (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020

Ian Ambrose (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2019

Jina Kim (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2019

Courtney Cox (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2019

Vitor De Araujo (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018

Jessica Koulabouth (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018

Alyssa Torrance (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018

Megan Ruhland (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018

Elizabeth Hinley (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018

Sandy Nguyen (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2017

Brittany Roche (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2017

Current Master's thesis (0 total) committees or culminating research project (2 total), chaired

Adam Brewer (Department of Kinesiology, Health Promotion, and Recreation), Culminating research project

- Start: Fall 2024
- Anticipated completion: Spring 2026

Carolina Zayas Barbosa (Department of Kinesiology, Health Promotion, and Recreation), Culminating research project

- Start: Fall 2024
- Anticipated completion: Spring 2026

Completed Master's thesis (3 total) committees and culminating research project (0 total), served on

Christopher Boyd (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020
- Thesis/project title: Predictors of perfectionistic tendencies among undergraduate kinesiology students

Malia Johnson (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2018
- Thesis/project title: Identity and career maturity in kinesiology students

Christina Villalon (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2017
- Thesis/project title: Relationship between coaching efficacy and past experience with sport psychology

Current Master's thesis committees (0 total) or culminating project research, serving on (0 total)

Completed culminating internship experiences chaired (9 total)

Jeff Nickerson (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2025

Grace Baker (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2025

Anna Briones (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2025

David Killian (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2025

Emily Kennedy (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2024

Gabriela Lopez (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Summer 2024

Jaydipgiri Goswami (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Fall 2022

Cheyenne Godby (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Summer 2022

Syndney McNorton (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Summer 2022

Summary (Undergraduate)

Description	Total	Chair	Member
Honor's Thesis Committee - completed	2	2	0
Honor's Thesis Committee - current	0	0	0
COE Honors Research - completed	3	3	0
COE Honors Research - current	0	0	0
Independent Research Experience - completed	28	28	0
Independent Research Experience - current	0	0	0
TAMS independent research experience - completed	1	1	0
TAMS independent research experience - current	0	0	0
TOTAL	34	34	0

Completed undergraduate honor's thesis committees chaired (2 total)

Madalyn Sheridan (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020
- Thesis title: Ventilatory threshold and neurocognitive function: A test of the transient hypofrontality theory

Noah Sandusky (Department of Kinesiology, Health Promotion and Recreation)

- Completed: Spring 2020
- Thesis title: The effects of footwear on running performance and experience

Current Undergraduate Honor's thesis committees chaired (0 total)

Completed Undergraduate Honor's thesis committees served on (0 total)

Current Undergraduate Honor's thesis committees serving on (0 total)

Undergraduate Students Mentored (34 total):

Payton Newell (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2025-2026

Grant Bernhard (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2025-2026

Cody Hamm (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2024-2025

Audrey Childers (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2024-2025

Andrew Moebus (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2024-2025

Amatullah Hussain (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2023-2024

Carolina Zayas Barbosa (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2023-2024

Callie Beauchamp (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2023-2024

Byron Canulla (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2023-2024

Minaal Rabbani (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2023-2024

Spencer Beard (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2023-2024

Noah Sandusky (Department of Kinesiology, Health Promotion and Recreation)

- Format: COE Honors Research
- Year(s): 2019-2020

Ganady Summitt (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2019-2020

Ty Robinson (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2019-2020

Mathew Mekal (Department of Kinesiology, Health Promotion and Recreation)

- Format: TAMS independent research experience
- Year(s): 2018-2020

Nathan Archilla (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2018-2019

Christopher Stevens (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2018-2019

Alexa York (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2018-2019

Payton Smith (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2018-2019

Madalyn Sheridan (Department of Kinesiology, Health Promotion and Recreation)

- Format: COE Honors Research
- Year(s): 2017-2020

Zina Adi (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Neghin Goudarzi (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Thalia Harnett (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Andres Galvez (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Jordan Slagle (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Andrea Roberts (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Brishti Bagchi (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Deepak Krishnappa (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

John Stuckey (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2017-2018

Christian St. Clair (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2016-2018

Alyssa Vigil (Department of Kinesiology, Health Promotion and Recreation)

- Format: COE Honors Research
- Year(s): 2016-2017

Kevin Mathew (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2016-2017

Christina Pruitt (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2016-2017

Taylor Wycoff (Department of Kinesiology, Health Promotion and Recreation)

- Format: Independent research experience
- Year(s): 2016-2017

14. SERVICE TO THE UNIVERSITY

<i>Begin-End</i>	<i>Committee/group</i>	<i>Role</i>
University Service		
2025-present	Toulouse Graduate School Research Awards Review Committee	Member
College Service		
2024	Academic Administrator Evaluation Committee	Member
2019-2023	Equity and Diversity Council	Member
Department Service		
2025-2026	KHPR Search Committee (Department Chair)	Member
2025-present	KHPR RPT Committee	Chair
2024-present	KHPR RPT Committee	Member
2024-2025	Search Committee (Associate/Assistant Prof)	Member
2024-2025	HPMS Ph.D. Graduate Program	Director
2023-2024	Search Committee (Assistant Prof)	Member
2021-2025	KHPR Ph.D. Planning & Advisory Committee	Member
2020-2025	KINE/RESM TA Application Review Committee	Chair
2019-2025	KINE M.S. Graduate Program	Director
2017-present	KINE Graduate Curriculum Committee	Member
2018-present	UNT Applied Physiology Laboratory	Member
2016-present	UNT Sport and Exercise Psychophysiology Lab	Director

15. PROFESSIONALLY RELATED MEDIA INTERACTIONS AND COMMUNITY SERVICE

- 2018 Interviewed by WallHub to discuss the costs of being overweight and obese in America. *Fattest States in America*
<https://wallethub.com/edu/fattest-states/16585/#expert=ryan-l-olson>
- 2017 Interviewed by UNT for Newsletter. *KHPR professor using brain waves to study depression, concussions, more*
<https://www.coe.unt.edu/news/khpr-professor-using-brain-waves-study-depression>

16. OTHER RELEVANT PROFESSIONAL/ACADEMIC INFORMATION

- 2018-2022 Grantsmanship Training Workshop (UNT)
- 2016-2018 COE Power Hour Writing Workshop (UNT)
- 2016 Getting Started on Research and Grants Workshop (UNT)
- 2016-2022 Tenure and Promotion Workshop (UNT)
- 2016-Present Faculty Success Mentoring Program (UNT)
- 2010-2016 Nutrition and Exercise Seminar (Rutgers University)
- 2011 External Grant Funding (GradFund) Program (Rutgers University)
- 2015 TA/GA Peer Mentoring Program Workshop (Rutgers University)
- 2008-2010 Academic Services Tutor Workshop (University of Wyoming)
- 2008-2010 Student Success Services Mentoring Program (University of Wyoming)