

BRITTANY G. TRAVERS, Ph.D.

Curriculum Vitae

Occupational Therapy Program in the Department of Kinesiology
University of Wisconsin-Madison
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Waisman Center
University of Wisconsin-Madison
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EDUCATION

- 2013-2014 Postdoctoral Training Fellowship, Hartwell Foundation (PI: Andrew L. Alexander). Mentors: Andrew L. Alexander, Ph.D. and Janet Lainhart, Ph.D.
- 2011-2013 Postdoctoral Training Fellowship, NICHD T32 (PI: Marsha Mailick). Mentors: Andrew L. Alexander, Ph.D. and Richard J. Davidson, Ph.D.
- 2011 Ph.D., Cognitive Psychology, University of Alabama, Tuscaloosa, AL
- 2008 M. A., Cognitive Psychology, University of Alabama, Tuscaloosa, AL
- 2006 B. A., Psychology with Honors and Spanish, Creighton University, Omaha, NE

PROFESSIONAL EXPERIENCES

- Fall 2014- University of Wisconsin, Madison, WI
Assistant Professor, Department of Kinesiology and Waisman Center. University of Wisconsin-Madison, Madison, WI

RESEARCH SUPPORT

Co-Principal Investigator, ICTR-Basic & Clinical Translational Research Pilot Award, *UW Institute for Clinical and Translational Research*. Total costs: \$50,000. September 2016-August 2018. This two-year study investigates computational predictors of learning and neurobiology in individuals with autism through multi-session learning paradigms under varied sensory contexts and corresponding neuroimaging.

Principal Investigator, Individual Biomedical Research Award, *Hartwell Foundation*. Total costs: \$300,000. April 2016-March 2019. This three-year study uses advanced, multi-modal imaging to characterize the brainstem in children with autism and autism-related disorders.

Co-Principal Investigator, Interdisciplinary Competition Award, *University of Wisconsin-Madison Office of the Vice Chancellor for Research*. Total costs: \$79,728. July 2015-June 2017. This two-year study is designing and developing a custom robotic platform capable of supporting a full range of upper-limb motor-skill therapies and assessments in children with autism.

Principal Investigator, NARSAD Young Investigator Award, *Brain and Behavior Research Foundation*. Total costs: \$65,000. January 2015-December 2016. This research examines pre-post brain imaging of a motor learning training in adolescents with autism.

Principal Investigator, *Motor Performance in Autism*. Grant awarded by Friends of the Waisman Center, Inc., a nonprofit organization, Total Costs: \$500. 2013-2014. This grant provided funding for the collection of pilot data and recruitment of participants in a study of motor development in children with Autism Spectrum Disorder compared to children with typical development.

HONORS, AWARDS, & FELLOWSHIPS

National

- 2016 International Society for Autism Research (INSAR), Young Investigator Award
- 2016 Second most-cited *Autism Research* article over a five-year period by Google Scholar

Regional

- 2013 Morse Society Scholar, Waisman Center, University of Wisconsin-Madison
- 2011 The University of Alabama Award for Excellence in Research by a Doctoral Student (Best doctoral research among all doctoral students at the university)
- 2010 Outstanding Research Award by a Doctoral Student for the College of Arts & Sciences (Best doctoral research among all doctoral students at the college level)
- 2010 Lacy-Ellis Award for Best Doctoral Research in the Psychology Department

PEER-REVIEWED PUBLICATIONS

1. **Travers, B. G.**, Bigler, E. D., Duffield, T. C., Prigge, M. D., Froehlich, A. L., ...Lainhart, J. E. (2016). Longitudinal development of manual motor ability in autism spectrum disorder from childhood to mid-adulthood relates to adaptive daily living skills. *Developmental Science*. [Epub ahead of print]. doi: 10.1111/desc.12401
2. Dean, D. C. 3rd, **Travers, B. G.**, Adluru, N., Tromp, D. P., Destiche, D.,...Alexander, A. L. (2016). Investigating the microstructural correlation of white matter in autism spectrum disorder. *Brain Connectivity*,6, 415-433.
3. Powell, P. S., **Travers, B. G.**, Klinger, L. G., & Klinger, M. R. (2016). Difficulties with multi-sensory fear conditioning in individuals with autism spectrum disorder. *Research in Autism Spectrum Disorders*, 25, 137-146. doi:10.1016/j.rasd.2016.02.008
4. Dean, D. C. 3rd, O'Muircheartaigh, J., Dirks, H., **Travers, B. G.**, Adluru, N., ... Deoni, S. C. (2016). Mapping an index of the myelin g-ratio in infants using magnetic resonance imaging. *NeuroImage*,15(132), 225-237. doi: 10.1016/j.neuroimage.2016.02.040.
5. Green, R. R., Bigler, E. D., Froehlich, A. L., Prigge, M. B. D., **Travers, B. G.**, ... Lainhart, J. E. (2016). Beery VMI performance in Autism Spectrum Disorder. *Child Neuropsychology*, 22(7), 795-817. doi: 10.1080/09297049.2015.1056131.
6. **Travers, B. G.**, Bigler, E. D., Duffield, T. C., Tromp, D. P. M., Adluru, N., Lange, N., ... Lainhart, J. E. (2015). Brainstem white matter predicts individual differences in manual motor difficulties and symptom severity in autism. *Journal of Autism and Developmental Disorders*, 45(9), 3030-3040. doi: 10.1007/s10803-015-2467-9
7. **Travers, B. G.**, Tromp, D. P. M., Adluru, N., Lange, N., Destiche, D., Ennis, C., ... Alexander, A. L. (2015). Atypical development of white matter microstructure of the corpus callosum in males with autism: A longitudinal investigation. *Molecular Autism*, eCollection 2015. doi: 10.1186/s13229-015-0001-8.
8. Trontel, H. G., Duffield, T. C., Bigler, E. D., Abildskov, T. J., Froehlich, A., Prigge, M. B. D., **Travers, B. G.**, Anderson, J. S., Zielinski, B. A., Alexander, A. L., Lange, N., & Lainhart, J. E. (2015). Mesial temporal lobe and memory function in autism spectrum disorder: An exploration of volumetric findings. *Journal of Clinical Experimental Neuropsychology*, 37, 178-192. doi: 10.1080/13803395.2014.997677

9. Jantz, P.B., Bigler, E. D., Froehlich, A. L., Prigge, M. B. D., Cariello, A. N., **Travers, B. G.**, ... Lainhart, J. E. (2015). Wide range achievement test in autism spectrum disorder: Test-retest stability. *Psychological Reports: Disability & Trauma*, 116, 1-11. doi:10.2466/03.15.PR0.116k24
10. Mussey, J. L., **Travers, B. G.**, Klinger, L. G., & Klinger, M. R. (2015). Decision-making skills in ASD: Performance on the Iowa Gambling Task. *Autism Research*, 8, 105-114. doi: 10.1002/aur.1429
11. Lange, N., **Travers, B. G.**, Bigler, E. D., Prigge, M. B., Froehlich, A. L., Nielsen, J. A., Cariello, A. N., Zielinski, B. A., Anderson, J. S., Fletcher, P. T., Alexander, A. A., & Lainhart, J. E. (2015). Longitudinal volumetric brain changes in Autism Spectrum Disorder ages 6-35 years. *Autism Research*, 8, 82-93. doi: 10.1002/aur.1427
12. **Travers, B. G.**, Kana, R. K., Klinger, L. G., Klein, C. L., & Klinger, M. R. (2015). Motor learning in individuals with Autism Spectrum Disorder: Group differences in superior parietal lobule related to learning and repetitive behaviors. *Autism Research*, 8, 38-51. doi: 10.1002/aur.1403
13. Zielinski, B. A., Prigge, M. B. D., Nielsen, J. A., Froehlich, A. L., Abildskov, T., Anderson, J., Fletcher, P. T., **Travers, B. G.**, Lange, N., Alexander, A. L., Bigler, E. D., & Lainhart, J. E. (2014). Longitudinal changes in cortical thickness in autism and typical development. *Brain*, 137(6), 1799-1812. doi: 10.1093/brain/awu083
14. Converse, A. K., Ahlers, E., **Travers, B. G.**, & Davidson, R. J. (2014). Tai chi training reduces self-report of inattention in healthy young adults. *Frontiers in Human Neuroscience*, 8(13). doi: 10.3389/fnhum.2014.00013
15. **Travers, B. G.**, Bigler, E. D., Tromp, D. P. M., Adluru, N., Froehlich, A. L., Ennis, C., Lange, N., Nielsen, J. A., Prigge, M. B., Alexander, A. L., & Lainhart, J. E. (2014). Longitudinal processing speed impairments in males with autism and the effects of white matter microstructure. *Neuropsychologia*, 53, 137-145. doi:10.1016/j.neuropsychologia.2013.11.008.
16. **Travers, B. G.**, Powell, P. S., Mussey, J. L., Klinger, L. G., Crisler, M. E., & Klinger, M. R. (2013). Spatial and identity cues differentially affect implicit contextual cueing in adolescents and adults with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 43(10), 2393-2404. doi: 10.1007/s10803-013-1787-x.
17. Duffield, T. C., Trontel, H. G., Bigler, E.D., Froehlich, A., Prigge, M. B. **Travers, B. G.**, Green, R. R., Cariello, N., Cooperrider, J., Nielsen, J. A., Alexander, A. L., Anderson, J. S., Fletcher, P. T., Lange, N., Zielinski, B. A., & Lainhart, J. (2013). Neuropsychological investigation of motor impairments in Autism. *Journal of Clinical and Experimental Neuropsychology*, 35(8), 867-881. doi: 10.1080/13803395.2013.827156.
18. **Travers, B. G.**, Powell, P. S., Klinger, L. G., & Klinger, M. R. (2013). Motor difficulties in Autism Spectrum Disorder: Linking symptom severity and postural stability. *Journal of Autism and Developmental Disorders*, 43(7), 1568-1583. doi: 10.1007/s10803-012-1702-x.
19. Trontel, H. G., Duffield, T. C., Bigler, E.D., Froehlich, A., Prigge, M. B. D., Nielsen, J. A., Cooperrider, J. R., Cariello, A. N., **Travers, B. G.**, Anderson, J. S., Zielinski, B. A., Alexander, A. L., Lange, N., & Lainhart, J. E. (2013). Fusiform correlates of facial memory in autism. *Behavioral Sciences*, 3, 348-371. doi: 10.3390/bs3030348.
20. **Travers, B. G.**, Adluru, N., Ennis, C., Tromp, D. P. M., Destiche, D., Doran, S., Bigler, E. D., Lange, N., Lainhart, J. E., & Alexander, A. L. (2012). Diffusion tensor imaging in Autism Spectrum Disorder: A review. *Autism Research*, 5(5), 289-313. doi: 10.1002/aur.1243.
21. Kana, R. K., & **Travers, B. G.** (2012). Neural substrates of interpreting actions and emotions from body postures. *Social Cognitive and Affective Neuroscience*, 7(4), 446-456. doi: 10.1093/scan/nsr022.

22. Kana, R. K., Wadsworth, H., & **Travers, B. G.** (2011). A systems level analysis of the mirror neuron hypothesis and imitation impairments in Autism Spectrum Disorders. *Neuroscience & Biobehavioral Reviews*, 35(3), 894-902. doi: 10.1016/j.neubiorev.2010.10.007
23. **Travers, B. G.**, Klinger, M. R., Mussey, J. L., & Klinger, L. G. (2010). Motor-linked implicit learning in persons with Autism Spectrum Disorders. *Autism Research*, 3, 68-77. doi: 10.1002/aur.123.
24. Cherney, I., Greteman, A., & **Travers, B. G.** (2008). A cross-cultural view of adults' perceptions of children's rights. *Social Justice Research*, 21, 432-456.

BOOK CHAPTERS

1. **Travers, B. G.**, & Alexander, A. L. (2013). Diffusion tensor magnetic resonance imaging in autism. In J. S. Suri et al., (Eds.) *Imaging the Brain in Autism*. New York: Springer.
2. **Travers, B. G.**, Klinger, M. R., & Klinger, L. G. (2011). Working memory and attention in persons with Autism Spectrum Disorders. In D. Fein (Ed.), *The Neuropsychology of Autism*. Oxford: Oxford University Press.
3. Kana, R. K., Klein, C. L., Klinger, L. G., **Travers, B. G.**, & Klinger, M. R. (2011). Neural representations of self versus other: Lessons from Autism. In M. Just (Ed.), *Development of Brain Systems in Autism*. London: Psychology Press.

CONFERENCE PRESENTATIONS

1. Jiang, M. J., Choi, K., Kirkorian, H. L., **Travers, B. G.**, Rosengren, K. S., Millerhagen, J., Lee, C., & Haugstad, N. (2017, April). *Drawing across mediums: The impact of technology on the quality and production of drawings*. Poster to be presented at the SRCD Biennial Meeting, Austin, TX.
2. Jiang, M. J., Choi, K., Kirkorian, H. L., **Travers, B. G.**, Rosengren, K. S., Pavalko, P. E., Matoba, M. K., Peters, D. E., Millerhagen, J. B., Lee, C., & Sabel, K. (2016, October). *The impact of technology on children's drawing*. Poster presented at the SRCD Special Topic Meeting: Technology and Media in Children's Development, Irvine, CA.
3. Choi, K., Jiang, M. J., Kirkorian, H. L., **Travers, B. G.**, Rosengren, K. S., Jobin, P., ... Tolkin, E. (2016, May). *Drawing across the mediums: The impact of technology on the quality of drawings*. Poster presented at the Association for Psychological Science, Chicago, IL.
4. **Travers, B. G.** (2016, May). *Quantitative assessment of kinematics and balance during dressing in autism: A feasibility study*. Talk presented at the Occupational Therapy Summit of Scholars, Pittsburgh, Pennsylvania.
5. **Travers, B. G.**, Dean, D. C., Tromp, D., Adluru, N., Destiche, D., Zielinski, B. A., ... Lainhart, J. E., (2016, May). *Longitudinal voxel-base analysis of white matter contributions to processing speed in individuals with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, Baltimore, Maryland.
6. Dean, D. C., **Travers, B. G.**, Adluru, N., Tromp, D., Destiche, D., Freeman, A., ... Lainhart, J. E. (2016, May). *Longitudinal development of white matter in autism spectrum disorder*. Talk presented at the International Meeting for Autism Research, Baltimore, Maryland.
7. Lainhart, J. E., Kane, K. L., Prigge, M. D., Samsin, D. P., **Travers, B. G.**, Freeman, A., ... Alexander, A. L. (2016, May). *Longitudinal age-related impairments in processing speed, anxiety, and adaptive functioning from childhood to adulthood in individuals with autism*. Poster presented at the International Meeting for Autism Research, Baltimore, Maryland.

8. Lange, N., Dean, D. C., **Travers, B. G.**, Zielinski, B. A., Alexander, A. L., & Lainhart, J. E. (2016, May). *Finding individual developmental brain circuitry and brain-behavior associations in autism by a new multivariate crossmatch method*. Poster presented at the International Meeting for Autism Research, Baltimore, Maryland.
9. McLaughlin, K., **Travers, B. G.**, Dean, D. C., Tromp, D., Adluru, N., Destiche, D., ... Lainhart, J. E. (2016, May). *Longitudinal microstructure of the thalamus and anterior limb of the internal capsule in individuals with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, Baltimore, Maryland.
10. Zielinski, B. A., Prigge, M. D., White, M., Dean, D. C., **Travers, B. G.**, ... Lainhart, J. E. (2016, May). *Longitudinal trajectories of large-scale brain network architecture in autism*. Poster presented at the International Meeting for Autism Research, Baltimore, Maryland.
11. Bellinger, G. C., Rodgers, R. A., Gannon, S. J., **Travers, B. G.**, & Mason, A. H. (2016, May). *The end-state comfort effect in children with autism spectrum disorder and typically developing children: The importance of functionally relevant motor tasks*. Poster presented at the International Meeting for Autism Research, Baltimore, Maryland.
12. Rodgers, R. A., Bellinger, G., Free, C., **Travers, B. G.**, & Mason, A. H. (2015, October). *Unimanual and bimanual reach-to-grasp movements in typically developing children and children with autism spectrum disorder*. Poster presented at the Society for Neuroscience, Chicago, Illinois.
13. Dean, D. C., **Travers, B. G.**, Bigler, E. D., Prigge, M. B. D., Froehlich, A. L., Lange, N., ... Alexander, A. L. (2015, June). *Age-related changes of white matter interrelationships in autism spectrum disorder*. Poster presented at the Joint Annual Meeting ISMRM-ESMRMB, Toronto, Ontario, Canada.
14. Alexander, A. L., Sterling, A., **Travers, B. G.**, Lainhart, J. E., and Kecsckemeti, S. R. (2015, June). *Retrospective motion correction of MPnRAGE studies in children*. Talk presented at the Joint Annual Meeting ISMRM-ESMRMB, Toronto, Ontario, Canada.
15. **Travers, B. G.**, Bigler, E. D., Duffield, T. C., Prigge, M. D. B., Froehlich, A. L., Lange, N., ... Lainhart, J. E. (2015, May). *Longitudinal development of manual motor ability in autism from childhood to mid-adulthood and corresponding adaptive daily living skills*. Talk presented at the International Meeting for Autism Research, Salt Lake City, Utah.
16. Dean, D. C., **Travers, B. G.**, Bigler, E. D., Prigge, M. D. B., Froehlich, A. L., Lange, N., ... Lainhart, J. E. (2015, May). *Microstructural covariance of white matter in autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, Salt Lake City, Utah.
17. Prigge, M. D. B., Lange, N., Bigler, E. D., Zygmunt, K., **Travers, B. G.**, Abildskov, T., ... Lainhart, J. E. (2015, May). *Longitudinal cortical thickness development in relation to changes in SRS scores over time in autism*. Poster presented at the International Meeting for Autism Research, Salt Lake City, Utah.
18. **Travers, B. G.** (2015, May). *Brain connectivity changes among adolescents with autism as a function of motor training: A pilot study*. Poster presented at the Occupational Therapy Summit of Scholars, Los Angeles, California.
19. **Travers, B. G.**, Bigler, E. D., Tromp, D. P. M., Adluru, N., Froehlich, A. L., ... Lainhart, J. E. (2014, May). *Manual motor performance related to autistic traits, daily living skills, and white matter microstructure in Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research, Atlanta, Georgia.
20. **Travers, B. G.**, Bigler, E. D., Tromp, D. P. M., Adluru, N., Froehlich, A. L., ... Lainhart, J. E. (2013, May). *Longitudinal changes in processing speed and corresponding white matter microstructure in*

Autism Spectrum Disorder (ASD). Poster presented at the International Meeting for Autism Research, San Sebastián, Spain.

21. **Travers, B. G.**, Powell, P. S., Klinger, L. G., & Klinger, M. R. (2012, May). *Postural stability and symmetry in persons with Autism Spectrum Disorder: Relation between symptom severity and wii balance board performance*. Talk presented at the International Meeting for Autism Research, Toronto, Ontario.
22. Klinger, M. R., **Travers, B. G.**, Powell, P. S., & Klinger, L. G. (2012, May). *Motor Resonance in Adolescents and Adults with Autism Spectrum Disorder*. Talk presented at the International Meeting for Autism Research, Toronto, Ontario.
23. Powell, P. S., Crisler, M. E., Klinger, L. G., **Travers, B. G.**, & Klinger, M. R. (2012, May). *Impaired classical conditioning in persons with Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research, Toronto, Ontario.
24. Powell, P. S., Crisler, M. E., **Travers, B. G.**, Mussey, J. L., Klinger, M. R., & Klinger, L. G. (2011, May). *Global and local contextual learning in persons with ASD*. Poster presented at the International Meeting for Autism Research, San Diego, CA.
25. **Travers, B. G.**, Wheelock, M., Klein, C. L., Klinger, L. G., Montague, R., & Klinger, M. R. (2010, May). *Prototype learning in Autism Spectrum Disorders*. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
26. Klein, C. L., Klinger, L. G., Kana, R., **Travers, B. G.**, Montague, R., & Klinger, M. R. (2010, May). *Neural bases of implicit learning in young adults with Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
27. **Travers, B. G.**, Klinger, M. R., & Sandy, C. J. (2010, January). *Psychological research and the Internet: A comparison of online and in-lab millisecond-precise tasks*. Poster presented at the Meeting of the Society for Personality and Social Psychology, Las Vegas, NV.
28. **Travers, B. G.**, Klein, C., Klinger, M. R., Klinger, L. G., & Kana, R. K. (2009, May). *Neural correlates of motor-linked implicit learning in persons with Autism Spectrum Disorders*. Talk presented at the International Meeting for Autism Research, Chicago, IL.
29. Klein, C. L., **Travers, B. G.**, Klinger, M. R., Klinger, L. G., & Kana, R. K. (2009, May). *Neural correlates of self-representation in persons with Autism Spectrum Disorders*. Poster presented at the International Meeting for Autism Research, Chicago, IL.
30. **Travers, B. G.**, Klinger, M. R., Klinger, L. G., & Mussey, J. L. (2008, May). *Implicit motor learning in person's with Autism Spectrum Disorders*. Poster presented at the International Meeting for Autism Research, London, UK.
31. Mussey, J., Klinger, L. G., Klinger, M. R., & **Travers, B. G.** (2008, May). *Decision-making skills in Autism Spectrum Disorders: Performance on the Iowa Gambling Task*. Poster presented at the International Meeting for Autism Research, London, UK.
32. Klinger, M. R., Klinger, L. G., **Travers, B. G.**, & Mussey, J. (2008, May). *Contextual learning in persons with ASD*. Poster presented at the International Meeting for Autism Research, London, UK.
33. Cherney, I. D., Greteman, A. J., Skovran, L., & **Travers, B.** (2006, March). *Adolescents' and adults' perceptions of children's rights from a cross-cultural perspective*. Poster presented at the Society for Research in Adolescence Biennial Meeting, San Francisco, CA.
34. Cherney, I. D., Greteman, A. J., & **Travers, B.** (2005, October). *Adults' perceptions of children's rights*. Talk given at the 30th European Studies Conference, Omaha, NE.

35. Cherney, I. D. & **Travers, B.** (2005, May). *Adults' perceptions of children's rights – An international perspective*. Poster presented at the Midwestern Psychological Association meeting, Chicago, IL.

INVITED PRESENTATIONS

- Fall 2016 Kinesiology Department, Penn State University, Colloquium Guest Speaker for the Department of Kinesiology, *Motor development, neurobiology, and daily living skills in autism*.
- Spring 2016 Psychology Department, University of Alabama, Developmental Contemporary Issues Series, *Longitudinal development of manual motor skills in autism*.
- Spring 2016 Waisman Center Early Childhood Series, *Hand skill development and daily living skills in individuals with autism*.
- Spring 2016 Health Occupation Students of American-UW Madison and Special Olympics Event, *Manual motor skills in autism*.
- Spring 2016 Psychology Department, University of Wisconsin-Madison, Developmental Brown Bag Series, *Development of motor skills in autism*.
- Spring 2016 Waisman Center Ethics and Professional Development Seminar, *Work-life balance, panelist*.
- Fall 2016 UW-Madison Institute for Research Ethics, *Informed consent in vulnerable populations, panelist*.
- Spring 2015 Waisman Center Ethics and Professional Development Seminar, *Interdisciplinary collaborations*.
- Spring 2015 Waisman Center Grandparents' Network, *Motor ability in developmental disorders*.
- Spring 2015 Waisman Center's Autism Day with the Experts, *Motor ability in autism: Common difficulties and neural underpinnings*.
- Fall 2013 University of Wisconsin-Madison Kinesiology Seminar Series, *Motor impairments and symptom severity in autism spectrum disorder*.
- Spring 2013 Waisman Center Ethics and Professional Development Seminar, *Interdisciplinary collaborations*. Co-presented with Andrew L. Alexander and Richard J. Davidson.
- Spring 2012 Waisman Center Ethics and Professional Development Seminar Series, A Crash Course in R: Learn to make amazing figures and graphs. (co-presented seminar with Matthew Maenner). Approximately 60 attendees. Overall rating of seminar: 8.1 out of 10.

TEACHING ACTIVITIES

Undergraduate Courses

- Spring 2011 PY 211 *Elementary Statistical Methods* class of 60 students, University of Alabama. Overall instructor rating: 4.4 out of 5.
- Spring 2009 PY 101 *Introductory Psychology* class of 200 students, University of Alabama. Overall instructor rating: 4.6 out of 5.
- Fall 2008 PY 101 *Introductory Psychology* class of 35 students, University of Alabama. Overall instructor rating: 4.6 out of 5.

Graduate Courses

- Spring 2016 OT 672, *Scientific Inquiry in OT II: Research Design and Methods* class of 26 students, University of Wisconsin-Madison. Overall instructor rating: 4.75 out of 5.
- Spring 2016 OT 674, *Scientific Inquiry in OT IV: Writing for Scientific Publication* class of 25 students, University of Wisconsin-Madison. Overall instructor rating: 4.83 out of 5.
- Fall 2015 OT 673, *Scientific Inquiry in OT III: Data Collection and Analysis* class of 25 students, University of Wisconsin-Madison. Overall instructor rating: 4.42 out of 5.
- Spring 2015 OT 672, *Scientific Inquiry in OT II: Research Design and Methods* class of 25 students, University of Wisconsin-Madison. Overall instructor rating: out 4.55 of 5.
- Spring 2016 OT 674, *Scientific Inquiry in OT IV: Writing for Scientific Publication* class of 25 students, University of Wisconsin-Madison. Overall instructor rating: 4.52 out of 5.
- Fall 2014 OT 673, *Scientific Inquiry in OT III: Data Collection and Analysis* class of 25 students, University of Wisconsin-Madison. Overall instructor rating: 4.40 out of 5.

Undergraduate Student Lab Supervision

- Fall 2016 Kines 399, Isabelle Gallagher, Elise Suttner, & Desiree Taylor
Kines 699, Jenna Lent, and Andres Gomez
- Spring 2016 Kines 399, Lauren Hoover
Kines 699, Andres Gomez, Larissa Hacker, and Kristine McLaughlin
- Fall 2015 Kines 699, Andres Gomez, Larissa Hacker, Nicole Marczak, Kristine McLaughlin, Carli Peter, and Kailey Sabel
- Summer 2015 Kines 699, Molly Percy

Graduate Student Lab Supervision & Advising

- 2016-Present Claire Melin, Kailey Sabel, Joshua Tarnoff, and Caitlin Van Sloun
- 2015-2016 Muhammad Al-Heizan, Courtney Engel, Aubrey Fisher, Robyn Geist, Kristin Lillie, and Sagui Lutman
- 2014-2015 Sarah Crook, Nicole Erickson, and Sean Sekelsky.

Postdoctoral Research Fellow Supervision

- Fall 2016-Present Olga Dadalko, Ph.D.

SERVICE ACTIVITIES

University Service

- Fall 2016-Present Admissions Committee, *Neuroscience Training Program*, University of Wisconsin-Madison.
- Spring 2016-Present Faculty, *Neuroscience Training Program*, University of Wisconsin-Madison
- Fall 2015-Present Faculty, NICHD T32 Postdoctoral Training Program in Intellectual and Developmental Disability Research, University of Wisconsin-Madison

Fall 2014-Present Faculty Liaison, Morse Society [interdisciplinary society of postdoctoral fellows and graduate students endowed by Dr. Richard Morse]

Departmental Service

Fall 2016-Present Faculty Advisor, Diverse-OT Student Organization.

Fall 2015-Present Member, Department of Kinesiology Equity, Climate, and Diversity Committee

Fall 2014-Present Member, Occupational Therapy Graduate Program Committee

Fall 2014-Present Member, Occupational Therapy Program Admissions Committee

Fall 2014 Member, Department of Kinesiology Tactical Planning Task Force on Faculty Workload

International Professional Service

Spring 2016 Junior faculty member group discussion leader, Early Career Development Pre-Conference, International Society for Autism Research

Spring 2014 Junior faculty member group discussion leader, Early Career Development Pre-Conference, International Society for Autism Research

Journal Reviewing

Autism

Autism Research

Biological Psychiatry

Brain

Brain Imaging and Behavior

Frontiers in Human Neuroscience

Games for Health Journal

Journal of Autism and Development Disorders

Journal of Child Psychology and Psychiatry

Journal of Motor Behavior

Journal of Neurodevelopmental Disorders

Nature Scientific Reports

Neuroimage

Neuroimage Clinical

Neuropsychology

PLOSOne

Research in Autism Spectrum Disorders

Grant Reviewing

Summer 2016 Reviewer, Hartwell Foundation Internal Grant

Professional Affiliations

2015-Present Society for Neuroscience

2015-Present American Occupational Therapy Association

2007-Present International Society for Autism Research

Media/Public Outreach

February 24, 2016. Balancing Act, by Denise Thornton. *Isthmus*. <http://isthmus.com/news/news/autistic-children-aided-by-video-game/>

January 20, 2016. Video Game Research Shows Promise for Autism, by Kelly Tyrell. *UW Communications*. <https://www.waisman.wisc.edu/news2016-TraversVG.htm>

July 14, 2015. Frayed nerve bundle may spur autism's motor, social deficits. *Simons Foundation Autism Research Initiative*. <https://spectrumnews.org/news/frayed-nerve-bundle-may-spur-autisms-motor-social-deficits/>

June 4, 2015. Thick Bridge of Nerves May Signal Autism in Infancy. Journalist interview. *Simons Foundation Autism Research Initiative*. <https://spectrumnews.org/news/thick-bridge-of-nerves-may-signal-autism-in-infancy/>

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