

E. Andrew Pitchford, PhD

CURRICULUM VITA

Oregon State University
 College of Health
 Milam Hall 118A
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EDUCATION

- 2016 Ph.D. in Kinesiology, University of Michigan, Ann Arbor, MI
 Area of Concentration: Adapted Physical Activity
- 2009 M.S. in Exercise and Sport Science, Oregon State University, Corvallis, OR
 Major: Movement Studies in Disability Minor: Sport Pedagogy
- 2006 B.S. in Kinesiology (with distinction), University of Michigan, Ann Arbor, MI
 Major: Physical Education Minors: Health Education, History

ACADEMIC APPOINTMENTS

- 2022 – Assistant Professor, Kinesiology, College of Health, Oregon State University,
 Corvallis, OR
- 2017 – 2022 Assistant Professor, Department of Kinesiology, College of Human Sciences,
 Iowa State University, Ames, IA
- 2016 – 2017 Postdoctoral Research Fellow, Center for Physical Activity and Health in
 Pediatric Disabilities, University of Michigan, Ann Arbor, MI
- 2016 – 2017 Adjunct Faculty/Lecturer, School of Kinesiology, University of Michigan, Ann
 Arbor, MI
- 2016 Adjunct Faculty/Lecturer, Division of Kinesiology, Health and Sport Studies,
 College of Education, Wayne State University, Detroit, MI

RELATED PROFESSIONAL EXPERIENCE

- 2009 – 2011 Adapted Physical Education Teacher, Uinta County School District #4, Mountain
 View, WY: K–12 Adapted Physical Education, K–2 Physical Education

PUBLICATIONS

Refereed Journal Articles

***graduate student; *undergraduate student*

1. Pitchford, E.A., Hradek, C., Gatewood, J., & Sellers, D.M. (*In Press*). A needs assessment of Extension staff to implement inclusive programming for adults with intellectual/developmental disabilities. *Journal of Extension*

2. Ketcheson, L.R., Pitchford, E.A., Wentz, C.F., & Loetzner, F. (2023). Trajectories of physical activity among children on the autism spectrum and their caregivers: Outcomes of a virtual 1-year longitudinal intervention. *Disability and Health Journal*, 101538. <https://doi.org/10.1016/j.dhjo.2023.101538>
3. McNamara, S., Pitchford, E.A., & Case, L. (2023). Familiarity of adapted physical activity among undergraduate students: Personal connection matters. *Journal of Disability Policy Studies*. <https://doi.org/10.1177/10442073231185262>
4. Cleveringa, M.** & Pitchford, E.A. (2023). Low muscle strength, low bone mineral density, and high body mass index among adult Special Olympics athletes: A cross-sectional examination. *Adapted Physical Activity Quarterly*, 40(1), 19-37. <https://doi.org/10.1123/apaq.2021-0191>
5. Ketcheson, L., Staples, K.L., Pitchford, E.A., & Loetzner, F.** (2023). Promoting positive health outcomes in an urban community-based physical activity intervention for preschool aged children on the autism spectrum. *Journal of Autism and Developmental Disorders*, 53, 633-647. <https://doi.org/10.1007/s10803-021-04871-7>
6. Pitchford, E.A., Leung, W., & Webster, E.K. (2022). Associations of fundamental motor skill competence, isometric plank, and modified pull-ups in 5-year old children: 2012 NHANES NYFS. *PLOS One*, 17(10): e0276842. <https://doi.org/10.1371/journal.pone.0276842>
7. Pilut, J.**, Hollis, J., Lanningham-Foster, L., Pitchford, E.A., & Litchfield, R. (2022). Virtual reality and powerpoint grocery store tours: Equally effective in improving self-efficacy in randomised control trial. *American Journal of Health Promotion*, 36(8), 1346-1349. <https://doi.org/10.1177/08901171221108274>
8. Pitchford, E.A., Leung, W., & Webster, E.K. (2021). Fundamental motor skill delays in preschool children with disabilities: 2012 National Youth Fitness Survey. *Frontiers in Public Health*, 9, 758321. <https://doi.org/10.3389/fpubh.2021.758321>
9. Baek, J., Banker, M., Jansen, E.C., Peterson, K.E., Pitchford, E.A., & Song, P.X.K. (2021). An efficient segmentation algorithm to estimate sleep duration from actigraphy data. *Statistics in Biosciences*, 13(3), 563-583. <https://doi.org/10.1007/s12561-021-09309-3>
10. Ketcheson, L.R. & Pitchford, E.A. (2021). Promoting physical activity participation and nutrition education through a telehealth intervention for children on the autism spectrum and their caregivers. *Contemporary Clinical Trials*, 106496. <https://doi.org/10.1016/j.cct.2021.106496>
11. Ketcheson, L.R., Pitchford, E.A., & Wentz, C. (2021). The relationship between developmental coordination disorder and concurrent deficits in social communication and repetitive behaviors among children with Autism Spectrum Disorder. *Autism Research*, 14(4), 804-816. <https://doi.org/10.1002/aur.2469>
12. Pitchford, E.A. & Webster, E.K. (2021). Clinical validity of the Test of Gross Motor Development-3 in children with disabilities from the U.S. national normative sample. *Adapted Physical Activity Quarterly*, 38(1), 62-78. <https://doi.org/10.1123/apaq.2020-0023>

13. Staples, K., Pitchford, E.A., & Ulrich, D.A. (2021). Instructional sensitivity of the TGMD-3 among children with and without Down syndrome. *Adapted Physical Activity Quarterly*, 38(1), 95-108. <https://doi.org/10.1123/apaq.2020-0047>
14. Ketcheson, L.R., Pitchford, E.A., & Wentz, C. (2020). Relationships among Early Functional Milestones and Core Deficits in Autism Spectrum Disorder. *Research in Autism Spectrum Disorders*, 78, 101638. <https://doi.org/10.1016/j.rasd.2020.101638>
15. Bertapelli, F., Allred, A.T., Choi, P., Pitchford, E.A., Guerra, G., & Agiovlasitis, S. (2020). Predicting the rate of oxygen uptake from step counts using Actigraph waist-worn accelerometers in adults with Down syndrome. *Journal of Intellectual Disability Research*, 64(8), 602-611. <https://doi.org/10.1111/jir.12755>
16. Pitchford, E.A., Hasson, R.E., Hornyak, J.E., Lumeng, J.C., Peterson, K.E., & Ulrich, D.A. (2019). Diurnal cortisol patterns and adiposity in adolescents with and without Down syndrome. *Journal of Intellectual Disability Research*, 63(12), 1401-1412. <https://doi.org/10.1111/jir.12682>
17. Pitchford, E.A., Adkins, C.*, Hasson, R.E., Hornyak, J.E. & Ulrich, D.A. (2018). Association between physical activity and adiposity in adolescents with Down syndrome. *Medicine & Science in Sports & Exercise*, 50(4), 667-674. <https://doi.org/10.1249/MSS.0000000000001502>
18. Pitchford, E.A., Dixon-Ibarra, A. & Hauck, J.L. (2018). Audit of physical activity research in intellectual disability: Classification using the behavioral epidemiological framework. *American Journal on Intellectual and Developmental Disabilities*, 132(2), 140-163. <https://doi.org/10.1352/1944-7558-123.2.140>
19. Maeng, H., Webster, E.K., Pitchford, E.A., & Ulrich, D.A. (2017). Inter- and intrarater reliabilities of the Test of Gross Motor Development-3rd edition among experienced TGMD-2 raters. *Adapted Physical Activity Quarterly*, 34(4), 442-455. <https://doi.org/10.1123/apaq.2016-0026>
20. Pitchford, E.A., Ketcheson, L.R., Kwon, H.J., & Ulrich, D.A. (2017). Minimum accelerometer wear time in infants: A generalizability study. *Journal of Physical Activity & Health*, 14, 421-428. <https://doi.org/10.1123/jpah.2016-0395>
21. Ketcheson, L.R., Pitchford, E.A., Kwon, H.J., & Ulrich, D.A. (2017). Physical activity patterns of infants with and without Down syndrome. *Pediatric Physical Therapy*, 29(3), 200-206. <https://doi.org/10.1097/PEP.0000000000000397>
22. Pitchford, E.A., Siebert, E., Hamm, J., & Yun, J. (2016). Parental perceptions of physical activity benefits for youth with disabilities. *American Journal on Intellectual and Developmental Disabilities*, 121(1), 25-32. <https://doi.org/10.1352/1944-7558-121.1.25>
23. Reynolds, J.L., Pitchford, E.A., Hauck, J.L., Ketcheson, L.R., & Ulrich, D.A. (2015). Outcome of home-support consultation on the maintenance of bicycle riding skills for youth with autism spectrum disorder. *Journal of Educational and Psychological Consultation*, 26(2), 166-185. <https://doi.org/10.1080/10474412.2015.1067147>

24. Pitchford, E.A. & Yun, J. (2011). Pedometer variance in adults with Down syndrome during free walking: A generalizability study. *Journal of Physical Activity & Health*, 8, 1143-1151. <https://doi.org/10.1123/jpah.8.8.1143>
25. Pitchford, E.A. & Yun, J. (2010). The accuracy of pedometers for adults with Down syndrome. *Adapted Physical Activity Quarterly*, 27(4), 321-336. <https://doi.org/10.1123/apaq.27.4.321>

Non-Refereed Publications

1. Ketcheson, L. R., Pitchford, E. A., Staples, K. L., MacDonald, M., & Ulrich, D. A. (2022). Supporting the need for the motor domain to be included in the definition of autism spectrum disorder: A response to Bishop et al.'s critique of Bhat (2021). *Autism Research*, 15(10), 1796-1798. <https://doi.org/10.1002/aur.2811>
2. Iowa Department of Education (2020). Guidance for Physical Education for Students with Disabilities. <https://educateiowa.gov/documents/physical-education/2020/12/guidance-physical-education-students-disabilities> (Authors in alphabetical order: Griffin, A., Jenkins, L., McNamara, S., & Pitchford, E.A.)
3. McNamara, S., Pitchford, E., & Griffin, A. (2020). Position statement on adapted physical education for IAHPERD. *Iowa Association for Health, Physical Education, Recreation and Dance Journal*, Spring 2020, 21-22.
4. Van Volkinburg, P.A., Cecchini, K., & Pitchford, E.A. (2009). Tips from the trenches: Survival skills for student teachers. *Journal of the Michigan Association of Physical Education, Recreation and Dance*, Winter 2009, 17-19.

Conference Proceedings

1. Pitchford, E.A., Hauck, J., Brooks, D., Loetzner, F.**, Miller, S., & Ketcheson, L. (2023). Special Olympics Athletes and Unified Partners Contributions to Game Activity and Outcomes: 2022 Special Olympics World Unified Cup. *Palaestra*, 37(3), 54.
2. Pitchford, E.A., Pennell, A., Bittner, M., & Young, A. (2023). Using the COSMIN checklist to determine appropriate assessments in Adapted Physical Education. *Palaestra*, 37(3), 59-60.
3. Pitchford, E.A., Hauck, J., Brooks, D., Loetzner, F.**, Miller, S., & Ketcheson, L. (2023). Examination of physical activity levels between Special Olympics athletes and unified partners during 2022 Special Olympics Unified Cup gameplay. *Journal of Sport & Exercise Psychology*, 45(S1), S22.
4. Loetzner, F.**, Pitchford, E.A., & Ketcheson, L. (2023). Initial effectiveness of a community-based physical activity program for families with a child on the autism spectrum: Examination of quality of life. *Journal of Sport & Exercise Psychology*, 45(S1), S19-20.
5. Pitchford, E.A. (2022). Associations between fundamental motor skills and balance in elementary school-aged children: A pilot study. *Journal of Sport & Exercise Psychology*, 44(S1), S22.

6. Pitchford, E.A., Loetzner, F., & Ketcheson, L. (2022). Trajectories of physical activity of children on the autism spectrum and their caregivers: Outcomes of a virtual 12-month longitudinal health program. *Journal of Sport & Exercise Psychology*, 44(S1), S21-22.
7. Ketcheson, L.R., Pitchford, E.A., & Loetzner, F. (2022). Promoting positive trajectories of health among children on the autism spectrum, as well as their caregivers. *Research Quarterly for Exercise and Sport*, 93(S1), A9.
8. McNamara, S. & Pitchford, E.A. (2022). College students' perceptions toward the importance of physical activity for people with disabilities. *Research Quarterly for Exercise and Sport*, 93(S1), A5.
9. Pitchford, E.A., & Ketcheson, L. (2021). Differences in motor incoordination among youth with autism spectrum disorder by sex and clinical obesity. *Journal of Sport & Exercise Psychology*, 43(S1), S17.
10. Ketcheson, L., Staples, K.L., Pitchford, E.A., & Loetzner, F. (2021). Promoting positive health outcomes in a community-based physical activity intervention for preschoolers with ASD. *Journal of Sport & Exercise Psychology*, 43(S1), S12.
11. Pitchford, E.A., & Leung, W. (2021). Lower musculoskeletal fitness among children with disabilities, ages 6 to 15 years: 2012 NYFS. *Medicine & Science in Sports & Exercise*, 53 (8S), 221. <https://doi.org/10.1249/01.mss.0000761624.16875.b9>
12. Pitchford, E.A., & Webster, E.K. (2020). Associations of fundamental motor skills and physical fitness in 5-year old children: 2012 NYFS. *Journal of Sport & Exercise Psychology*, 42(S1), S21-22.
13. Pitchford, E.A., & Webster, E.K. (2020). Fundamental motor skills of preschool children receiving early intervention services: 2012 NYFS. *Journal of Sport & Exercise Psychology*, 42(S1), S21.
14. Pitchford, E.A., Palmer, K.K., Lu, Y., Winkelseth, K., & Ulrich, D.A. (2018). Inter- and intra-rater reliability during live- and video-coding of the TGMD-3. *Journal of Sport & Exercise Psychology*, 40(S1), S34.
15. Ulrich, D.A., Staples, K., Pitchford, E.A., & Lu, Y. (2018). The Test of Gross Motor Development – 3rd edition: Validation of Instructional Sensitivity. *Journal of Sport & Exercise Psychology*, 40(S1), S38.
16. Pitchford, E.A., Adkins, C. *, Hornyak, J., & Hasson, R. (2018). MVPA and DXA-derived adiposity in adolescents with and without Down syndrome. *Medicine & Science in Sports & Exercise*, 50(5S), 212. <https://doi.org/10.1249/01.mss.0000535784.79961.54>
17. Ulrich, D.A., Pitchford, E.A., & Ketcheson, L. (2017). The relationship between physical activity and motor development in infants with and without Down syndrome. *Journal of Sport & Exercise Psychology*, 39(S1), S98.
18. Pitchford, E.A., Webster, E.K., & Ulrich, D.A. (2016). Clinical validity of the Test of Gross Motor Development - 3rd edition for children with identified disabilities. *Journal of Sport & Exercise Psychology*, 38(S1), S134-135.

19. Ulrich, D.A., Pitchford, E.A., Ketcheson, L., & Kwon, H.J. (2016). Reliability of physical activity measurement in infants: A Generalizability study to determine minimal days and hours of monitoring. *Journal of Sport & Exercise Psychology*, 38(S1), S144.
20. Pitchford, E.A., Hauck, J.L., & Ulrich, D.A. (2016). Physical activity in toddlers: How many days and hours of accelerometer measurement do we need? *Journal of Sport & Exercise Psychology*, 38(S1), S134.
21. Pitchford, E.A., Adkins, C. *, Addison, R. *, & Ulrich, D.A. (2016). Physical activity and DEXA body composition in adolescents with Down syndrome. *Research Quarterly for Exercise and Sport*, 87(S2), A88-A89.
22. Webster, E.K., Pitchford, E.A., & Ulrich, D.A. (2015). Psychometric properties for a United States cohort for the Test of Gross Motor Development – 3rd edition. *Journal of Sport and Exercise Psychology*, 37(S1), S17.
23. Webster, E.K., & Pitchford, E.A. (2015). Gender differences in fundamental motor skills in early elementary children. *Journal of Sport and Exercise Psychology*, 37(S1), S90.
24. Pitchford, E.A., Leptich, A. *, & Ulrich, D.A. (2015). Association of body composition and physical activity in adolescents with Down syndrome: Preliminary analysis. *Medicine & Science in Sports & Exercise*, 47(5S), S484.
<https://doi.org/10.1249/01.mss.0000477762.28752.04>
25. Pitchford, E.A., Hauck, J., Ketcheson, L., Reynolds, J., & Ulrich, D.A. (2014). Physical activity behavior of youth with autism spectrum disorders learning to ride a two-wheeled bicycle. *Journal of Physical Activity and Health*, 11(S1), S182.
26. Pitchford, E.A., Hauck, J., Ketcheson, L., Reynolds, J., & Ulrich, D.A. (2014). Use it or lose it: Bicycle riding maintenance in autism. *Research Quarterly for Exercise and Sport*, 85(S1), A84.
27. Pitchford, E.A., MacDonald, M., Hauck, J.L., & Ulrich, D.A. (2013). Activity participation among youths with autism spectrum disorders. *Research Quarterly for Exercise and Sport*, 84(S1), A91.
28. Pitchford, E.A. & Yun, J. (2010). Pedometer measurement for adults with Down syndrome: A generalizability study. *Research Quarterly for Exercise and Sport*, 81(S1), A92.
29. Pitchford, E.A., Morgan, J., Taylor, J., O'Hart, A., & Yun, J. (2010). Accuracy of pedometers for individuals with and without Down syndrome. *Research Quarterly for Exercise and Sport*, 81(S1), A93.
30. Lee, M. & Pitchford, E.A. (2009). Energy expenditure of an interactive video game: A preliminary study. *Medicine and Science in Sports and Exercise*, 41(5), S551.
<https://doi.org/10.1249/01.MSS.0000356228.90186.41>
31. Pitchford, E.A. & Yun, J. (2009). Parent perceptions of physical activity benefits for youth with disabilities. *Research Quarterly for Exercise and Sport*, 80(S1), A104.

RESEARCH FUNDING

Extramural Support

- 2023 – 2025 *Using Implementation Science to Guide Adoption, Delivery and Sustainment of PLANE 2.*
 Role: External Evaluator & Data Manager (PI: Ketcheson, Wayne State University)
 Source: Michigan Health Endowment Fund
 Funding: \$250,000 (sub-award: \$34,000)
- 2020 – 2022 *Physical Literacy and Nutrition Education (PLANE)*
 Role: External Evaluator & Data Manager (PI: Ketcheson, Wayne State University)
 Source: Michigan Health Endowment Fund
 Funding: \$500,000 (sub-award: \$12,000)
- 2020 – 2022 *Interrelationships between balance, physical activity, adiposity, and motor skill competency in children with ASD.*
 Role: PI
 Source: Healthy Weight Research Network for Children with Autism Spectrum Disorder and Developmental Disabilities (HWRN-ASD/DD; UA3MC25735)
 Funding: \$25,000
- 2014 – 2016 *Cortisol regulation during exercise and obesity in adolescents with Down syndrome*
 Role: PI/Fellow
 Source: National Institutes of Health (NICHD: Pre-Doctoral Fellowship to Promote Diversity in Health-Related Research)
 Identifier: F31HD079227
 Funding: \$66,702 (University of Michigan matched an additional \$22,000)
- 2014 – 2015 *Physical activity and DEXA-derived body composition in adolescents with Down syndrome.*
 Role: PI
 Source: SHAPE America: Society of Health and Physical Educators
 Funding: \$2,500
- 2014 – 2015 *Obesity in adolescents with Down syndrome: Examining cortisol regulation, physical activity and diet.*
 Role: PI
 Source: Blue Cross Blue Shield of Michigan Foundation
 Funding: \$3,000

Extramural Support – Under Review

- 2023 *FitnessGram for ALL: A critical update of the measurement of physical fitness for individuals with disabilities served under IDEA*
 Role: PI
 Source: National Center for Special Education Research
 ALN: 84.324A
 Funding Requested: \$2,000,000 (primary award: \$1,359,000)

Intramural Support

- 2019 – 2020 *A preliminary investigation of the relationships between balance, physical activity, and fundamental motor skill competency in children with and without Down syndrome*
 Role: PI
 Source: Iowa State University, College of Human Sciences: Untenured Faculty Seed Grant
 Funding: \$10,000
- 2019 *SNAP-IDD: Adapting nutrition education for adults with intellectual/developmental disability*
 Role: PI
 Source: Iowa State University, Human Sciences Extension & Outreach
 Funding: \$22,000
- 2014 – 2016 *Cortisol response to exercise: Comparison between adolescents with Down syndrome and typical development.*
 Role: Co-PI (with Dale A. Ulrich, University of Michigan)
 Source: Nicholas Leoni Endowment Fund
 Funding: \$19,995
- 2013 – 2014 *Cortisol patterns and obesity in adolescents with Down syndrome.*
 Role: PI
 Source: University of Michigan Rackham Graduate School
 Funding: \$1,500
- 2009 *Accuracy of pedometers in adults with Down syndrome*
 Role: PI
 Source: Oregon State University College of Health and Human Sciences
 Funding: \$300

Institutional Training Fellowships

- 2016 – 2017 *The preparation of leadership personnel to implement the research to practice model in adapted physical education*
 Role: Postdoctoral fellow (PI: Dale Ulrich: University of Michigan)
 Source: U.S. Department of Education, Office of Special Education Programs
 Identifier: H325D160032
 ➤ Supported 1 year of postdoctoral training
- 2011 – 2014 *The preparation of leadership personnel to implement the research to practice model in adapted physical education and pediatric physical therapy*
 Role: Research assistant (PI: Dale Ulrich: University of Michigan)
 Source: U.S. Department of Education, Office of Special Education Programs
 Identifier: H325D110003
 ➤ Supported 3 years of PhD training

- 2007 – 2009 *Preparing quality personnel in adapted physical education*
 Role: Research assistant (PI: Joonkoo Yun: Oregon State University)
 Source: U.S. Department of Education, Office of Special Education Programs
 Identifier: H325K054154
 ➤ Supported 2 years of MS training

PRESENTATIONS

Regional, National or International

***graduate student; *undergraduate student*

1. Pitchford, E.A., Hauck, J., Brooks, D., Loetzner, F. **, Miller, S., & Ketcheson, L. (2023). Special Olympics Athletes and Unified Partners Contributions to Game Activity and Outcomes: 2022 Special Olympics World Unified Cup. 2023 National Consortium for Physical Education for Individuals with Disabilities conference, Crystal City, VA.
2. Pitchford, E.A. (2023). Indicators of osteosarcopenic adiposity among adult Special Olympics athletes in the United States. 2023 International Symposium of Adapted Physical Activity, Dunedin, New Zealand.
3. Pitchford, E.A., Hauck, J., Brooks, D., Loetzner, F. **, Miller, S., & Ketcheson, L. (2023). Examination of physical activity levels between Special Olympics athletes and unified partners during 2022 Special Olympics Unified Cup gameplay. 2023 North American Society for the Psychology of Sport and Exercise conference, Toronto, ON, Canada.
4. Loetzner, F. **, Pitchford, E.A., & Ketcheson, L. (2023). Initial effectiveness of a community-based physical activity program for families with a child on the autism spectrum: Examination of quality of life. 2023 North American Society for the Psychology of Sport and Exercise conference, Toronto, ON, Canada
5. Pitchford, E.A. (2022). Concurrent obesity, low bone density, and low muscle strength among adult Special Olympics athletes. 15th North American Federation of Adapted Physical Activity symposium, St. Catharines, ON, Canada.
6. Pitchford, E.A. & McNamara, S. (2022). Associations of college student demographics and their perceptions towards physical activity for people with disabilities. 15th North American Federation of Adapted Physical Activity symposium, St. Catharines, ON, Canada.
7. Ketcheson, L., Barcelona, J., Loetzner, F. **, Hauck, J., & Pitchford, E.A. (2022). Perceptions of a virtual health promotion program for children on the autism spectrum and their primary caregiver. 15th North American Federation of Adapted Physical Activity symposium, St. Catharines, ON, Canada.
8. Loetzner, F. **, Pitchford, E.A., & Ketcheson, L. (2022). Preliminary effectiveness an accessible community-based physical activity program for families with a child on the autism spectrum: Examination of reported quality of life. 15th North American Federation of Adapted Physical Activity symposium, St. Catharines, ON, Canada.
9. Pitchford, E.A. (2022). Associations between fundamental motor skills and balance in elementary school-aged children: A pilot study. 2022 North American Society for the Psychology of Sport and Exercise conference, Waikoloa Beach, HI.

10. Pitchford, E.A., Loetzner, F.**, & Ketcheson, L. (2022). Trajectories of physical activity of children on the autism spectrum and their caregivers: Outcomes of a virtual 12-month longitudinal health program. 2022 North American Society for the Psychology of Sport and Exercise conference, Waikoloa Beach, HI.
11. Ketcheson, L., Pitchford, E.A., & Loetzner, F.** (2022). Promoting positive trajectories of health among children on the autism spectrum, as well as their caregivers. 2022 SHAPE America: Society of Health and Physical Educators national convention, New Orleans, LA.
12. McNamara, S., & Pitchford, E.A. (2022). College students' perceptions towards the importance of physical activity for people with disabilities. 2022 SHAPE America: Society of Health and Physical Educators national convention, New Orleans, LA.
13. Pilut, J.**, Hollis, J., Lanningham-Foster, L., Pitchford, E.A., & Litchfield, R. (2021). Virtual grocery store tours: Effective in improving self-efficacy. Academy of Nutrition and Dietetics, Food & Nutrition Conference & Expo, Orlando, FL.
14. McNamara, S., & Pitchford, E.A. (2021). College student characteristics associated with familiarity with adapted physical activity terms. 2021 International Symposium of Adapted Physical Activity virtual meeting.
15. Cleveringa, M.** & Pitchford, E.A. (2021). Low muscle strength, high body mass index, and low bone density among adult Special Olympics athletes in the United States. 2021 International Symposium of Adapted Physical Activity virtual meeting.
16. Pitchford, E.A. & Ketcheson, L. (2021). Differences in motor incoordination among youth with autism spectrum disorder by sex and clinical obesity. 2021 North American Society for the Psychology of Sport and Exercise virtual conference.
17. Ketcheson, L., Staples, K.L., Pitchford, E.A., & Loetzner, F.** (2021). Promoting positive health outcomes in a community-based physical activity intervention for preschoolers with ASD. 2021 North American Society for the Psychology of Sport and Exercise virtual conference.
18. Pitchford, E.A. & Leung, W. (2021). Lower musculoskeletal fitness among children with disabilities, ages 6 to 15 years: 2012 NYFS. 2021 American College of Sports Medicine virtual meeting.
19. Staples, K.L., Pitchford, E.A., & Ketcheson, L.R. (2021). Examining health indicators among children with and without autism spectrum disorder. 2021 International Society for Autism Research virtual meeting.
20. Ketcheson, L.R., Pitchford, E.A., & Wentz, C. (2021). The relationship between developmental coordination disorder and concurrent deficits in social communication and repetitive behaviors among children with autism spectrum disorder. 2021 International Society for Autism Research virtual meeting.
21. McNamara, S., & Pitchford, E.A. (2021). College students' familiarity with terms associated with adapted physical activity. National Consortium for Physical Education for Individuals with Disabilities, 2021 virtual meeting.

22. Pitchford, E.A., & Webster, E.K. (2020). Associations of fundamental motor skills and physical fitness in 5-year old children: 2012 NYFS. North American Society for the Psychology of Sport and Exercise, 2020 virtual symposium.
23. Pitchford, E.A., & Webster, E.K. (2020). Fundamental motor skills of preschool children receiving early intervention services: 2012 NYFS. North American Society for the Psychology of Sport and Exercise, 2020 virtual symposium.
24. Ketcheson, L.R., Pitchford, E.A., & Wentz, C. (2020). The relationship between age of diagnosis and core deficits in autism spectrum disorder (ASD). International Society for Autism Research, 2020 virtual meeting.
25. Baek, J., Banker, M., Jensen, E., Peterson, K., Pitchford, E.A., & Song, P. (2020). A statistical method to estimate sleep duration from actigraphy data. Eastern North American Region of the International Biometric Society, 2020 virtual meeting.
26. Cleveringa, M.**, & Pitchford, E.A. (2019). Nutrient intake and bone mineral density in children and adolescents with Down syndrome. 2019 Midwest ACSM Regional Chapter Meeting, Oak Brook, IL.
27. Pitchford, E.A., Pitchford, L.M., Schleh, M.W., Gillen, J.B., Cleveringa, M.**, & Horowitz, J.F. (2019). Inter-unit reliability of a continuous glucose monitoring device: A generalizability study. 2019 Midwest ACSM Regional Chapter Meeting, Oak Brook, IL.
28. Pitchford, E.A., Webster, E.K., & Ulrich, D.A. (2018). An examination of clinical sensitivity for the TGMD-3 for children with disabilities from the national normative sample. 14th North American Federation of Adapted Physical Activity symposium, Corvallis, OR.
29. Pitchford, E.A., Palmer, K.K., Lu, Y., Winkelseth, K., & Ulrich, D.A. (2018). Inter- and intra-rater reliability during live- and video-coding of the TGMD-3. 2018 North American Society for the Psychology of Sport and Exercise conference, Denver, CO.
30. Ulrich, D.A., Staples, K., Pitchford, E.A., & Lu, Y. (2018). The Test of Gross Motor Development – 3rd edition: Validation of instructional sensitivity. 2018 North American Society for the Psychology of Sport and Exercise conference, Denver, CO.
31. Pitchford, E.A., Adkins, C.*, Hornyak, J., & Hasson, R. (2018). MVPA and DXA-derived adiposity in adolescents with and without Down syndrome. 65th American College of Sports Medicine annual meeting, Minneapolis, MN.
32. Ulrich, D.A., Pitchford, E.A., & Ketcheson, L. (2017). The relationship between physical activity and motor development in infants with and without Down syndrome. 2017 North American Society for the Psychology of Sport and Exercise conference, San Diego, CA.
33. Pitchford, E.A., Adkins, C.*, & Ulrich, D.A. (2016). Diurnal cortisol patterns in adolescents with and without Down syndrome. 13th North American Federation of Adapted Physical Activity symposium, Edmonton, AB, Canada.
34. Pitchford, E.A., Adkins, C.*, & Ulrich, D.A. (2016). Cortisol response to exercise and adiposity in adolescents with and without Down syndrome. 13th North American Federation of Adapted Physical Activity symposium, Edmonton, AB, Canada.

35. Pitchford, E.A., *Adkins, C.**, & Ulrich, D.A. (2016). Obesity in Down syndrome: BMI or DXA? 13th North American Federation of Adapted Physical Activity symposium, Edmonton, AB, Canada.
36. Ulrich, D.A., Ketcheson, L., Pitchford, E.A., & Kwon, H.J. (2016). The physical activity patterns in infants with and without Down syndrome. 13th North American Federation of Adapted Physical Activity symposium, Edmonton, AB, Canada.
37. Pitchford, E.A., Webster, E.K., & Ulrich, D.A. (2016). Clinical validity of the Test of Gross Motor Development - 3rd Edition for children with identified disabilities. 2016 North American Society for the Psychology of Sport and Exercise conference, Montreal, QC, Canada.
38. Ulrich, D.A., Pitchford, E.A., Ketcheson, L., & Kwon, H.J. (2016). Reliability of physical activity measurement in infants: A generalizability study to determine minimal days and hours of monitoring. 2016 North American Society for the Psychology of Sport and Exercise conference, Montreal, QC, Canada.
39. Pitchford, E.A., Hauck, J.L., & Ulrich, D.A. (2016). Physical activity in toddlers: How many days and hours of accelerometer measurement do we need? 2016 North American Society for the Psychology of Sport and Exercise conference, Montreal, QC, Canada.
40. Pitchford, E.A., *Adkins, C.**, *Addison, R.**, & Ulrich, D.A. (2016). Physical activity and DEXA body composition in adolescents with Down syndrome. 2016 SHAPE America: Society of Health and Physical Educators national convention, Minneapolis, MN.
41. Webster, E.K., Pitchford, E.A., & Ulrich, D.A. (2015). Psychometric properties for a United States cohort for the Test of Gross Motor Development – 3rd edition. 2015 North American Society for the Psychology of Sport and Exercise conference, Portland, OR.
42. Webster, E.K., & Pitchford, E.A. (2015). Gender differences in fundamental motor skills in early elementary children. 2015 North American Society for the Psychology of Sport and Exercise conference, Portland, OR.
43. Pitchford, E.A., *Leptich, A.**, & Ulrich, D.A. (2015). Association of body composition and physical activity in adolescents with Down syndrome: Preliminary analysis. 62nd American College of Sports Medicine annual meeting, San Diego, CA.
44. Ulrich, D.A., Webster, E.K., & Pitchford, E.A. (2015). The psychometric properties of the TGMD-3 in children from the USA. 14th European Congress of Sport Psychology, Bern, Switzerland.
45. Pitchford, E.A., Hauck, J., Ketcheson, L., Reynolds, J., & Ulrich, D.A. (2014). Physical activity behavior of youth with autism spectrum disorders learning to ride a two-wheeled bicycle. 2014 Global Summit on the Physical Activity of Children, Toronto, ON, Canada.
46. Pitchford, E.A., Hauck, J., Ketcheson, L., Reynolds, J., & Ulrich, D.A. (2014). Use it or lose it: Bicycle riding maintenance in autism. 129th American Alliance for Health, Physical Education, Recreation, and Dance national convention, St. Louis, MO.

47. Pitchford, E.A. & Ulrich, D.A. (2013). Prevalence of obesity among youth with intellectual disabilities: Comparison of cut-points. 141st American Public Health Association annual meeting, Boston, MA.
48. Pitchford, E.A., MacDonald, M., Hauck, J.L., & Ulrich, D.A. (2013). Activity participation among youths with autism spectrum disorders. 128th American Alliance for Health, Physical Education, Recreation, and Dance national convention, Charlotte, NC.
49. Pitchford, E.A., Ulrich, D.A., Esposito, P., & Hornyak, J. (2012). Parental satisfaction of physical activity among Down syndrome and autism spectrum disorders: Structural equation model. 11th North American Federation of Adapted Physical Activity symposium, Birmingham, AL.
50. Pitchford, E.A., MacDonald, M., Hauck, J., & Ulrich, D.A. (2012). Diversity and intensity of activity participation by youth with Down syndrome. 11th North American Federation of Adapted Physical Activity symposium, Birmingham, AL.
51. Pitchford, E.A. & Yun, J. (2010). Pedometer measurement for adults with Down syndrome: A generalizability study. 125th American Alliance for Health, Physical Education, Recreation, and Dance national convention, Indianapolis, IN.
52. Pitchford, E.A., Morgan, J., Taylor, J., O'Hart, A., & Yun, J. (2010). Accuracy of pedometers for individuals with and without Down syndrome. 125th American Alliance for Health, Physical Education, Recreation, and Dance national convention, Indianapolis, IN.
53. Lee, M. & Pitchford, E.A. (2009). Energy expenditure of an interactive video game: A preliminary study. 56th American College of Sports Medicine annual meeting, Seattle, WA.
54. Pitchford, E.A. & Yun, J. (2009). Parent perceptions of physical activity benefits for youth with disabilities. 124th American Alliance for Health, Physical Education, Recreation, and Dance convention, Tampa, FL.
55. Van Volkinburg, P.A., Cecchini, K., & Pitchford, E.A. (2006). Expectations of student teacher competency by cooperating/critic teachers. 121st American Alliance for Health, Physical Education, Recreation and Dance national convention, Salt Lake City, UT.

Presentations for Continuing Education Credit (*invited*)

1. Ketcheson, L.R. & Pitchford, E.A. (2023). Pervasiveness of motor impairment in autism spectrum disorder: Implications for research and practice. Invited talk for the 39th Annual James Rae Scientific Day & Lecture: Michigan Medicine, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI. ACCME: 7.25 credits; APA: 7.25 credits.

Seminars and Webinars (*invited*)

1. Pitchford, E.A. (2023). Physical activity patterns of Special Olympics athletes and unified partners during the 2022 Special Olympics World Unified Cup. Asian Society for Adapted Physical Education and Exercise and North American Federation of Adapted Physical Activity: April 2023 Scholar Series

2. Haegele, J., Arbour, K., & Pitchford, A. (2023). APAQ Board. National Consortium for Physical Education for Individuals with Disabilities: February 2023 APE Collaborative
3. Pitchford, E.A. (2023). Physical activity and health promotion for individuals with intellectual disabilities through Special Olympics. Invited talk for the Office of Research Seminar Series: Oregon State University, College of Public Health and Human Sciences, Corvallis, OR. <https://health.oregonstate.edu/seminars/2023-02-17>; <https://youtu.be/tE-apvkMUKI>
4. Pitchford, A. (2021). Disability as a Form of Diversity. In A. Goreczny, A. Pitchford, & M. Thuo, *Using Diversity to Improve Research Outcomes*. ISU Research Days: Featured Interdisciplinary Seminar
5. Pitchford, E.A. (2016). Obesity in adolescents with Down syndrome: Classification, correlates, and clinical implications. Invited talk for the Nicholas Leoni Endowment Fund Lecture: University of Michigan, School of Kinesiology, Ann Arbor, MI.

Practical Presentations

1. Pitchford, E.A., Pennell, A., Bittner, M., & Young, A. (2023). Using the COSMIN checklist to determine appropriate assessments in Adapted Physical Education. 2023 National Consortium for Physical Education for Individuals with Disabilities conference, Crystal City, VA.
2. Dizon-Ibarra, A., Otterbein, M., Lincoln, A., Nevills, S. Ang, P., Stanish, H., Lloyd, M., & Pitchford, E.A. (2023). Expanding Special Olympics global research in adapted physical activity. 2023 International Symposium of Adapted Physical Activity, Dunedin, New Zealand.
3. Pitchford, E.A., & Esposito, P. (2014). Data collection at Special Olympics International events for the Healthy Athletes database: Perspectives of health promotion clinical directors. 12th North American Federation of Adapted Physical Activity symposium, Ann Arbor, MI.
4. Pitchford, E.A. (2010). Co-teaching: APE, GPE and para collaboration for inclusive physical education. 39th National Adapted Physical Education conference, Riverside, CA.
5. Lee, M., Boscolo, M., Zhu, W., & Pitchford, E.A. (2009). Interactive game technology: Make behavior change fun! 124th American Alliance for Health, Physical Education, Recreation, and Dance national convention, Tampa, FL.
6. McCubbin, J.A., Pitchford, E.A., Jin, J., Lee, M., McClain, Z.D., & Yun, J. (2009). Assessing and documenting progress and learning for individuals with disabilities: What, Why, & How? Physical activity promotion through APE. 124th American Alliance for Health, Physical Education, Recreation, and Dance national convention, Tampa, FL.
7. Jin, J. & Pitchford, E.A. (2008). The value of sport education for inclusion based physical education. 37th National Adapted Physical Education conference, San Diego, CA.
8. Yun, J., Foley, J.T., Lee, M., Moon, D., & Pitchford, E.A. (2008). Perceived barriers to physical activity in individuals with disabilities. 9th North American Federation of Adapted Physical Activity symposium, Indianapolis, IN.

Community Presentations and Workshops

1. Pitchford, E.A. (2023). IMPACT and IMPACT for Life. OSU Juntos Family Day: Oregon State University, Corvallis, OR.
2. Pitchford, E.A. (2014). Assessing fundamental motor skills in children: Test of Gross Motor Development 3rd edition. 21st Annual Physical Education Workshop: University of Michigan, School of Kinesiology, Ann Arbor, MI.

TEACHING

Oregon State University (annual courses **bolded**):

KIN 549 – Physical Activity for Persons with Severe Disabilities (2023 –)

Evaluation (# / 6): Instructor: 6.0, Course: 6.0

KIN 510 – Professional Internship: IMPACT (2023 –)

Iowa State University (annual courses **bolded**):

KIN 395/595 – Adapted Physical Education (2017 – 2022)

Average Evaluations (# / 5): Instructor: 4.69 ± 0.38, Course: 4.60 ± 0.40

KIN 471/571 – Measurement in Physical Education (2018 – 2022)

Average Evaluations (# / 5): Instructor: 4.85 ± 0.14, Course: 4.74 ± 0.17

KIN 501 – Research Methods in Physical Activity (2020 – 2022)

Average Evaluations (# / 5): Instructor: 4.79 ± 0.04, Course: 4.42 ± 0.20

KIN 290 – Independent Study: Freshman Research Initiative (2018)

KIN 490A – Independent Study (2019, 2020)

KIN 575 – Physical Education Curriculum Design and Program Organization (2021)

KIN 590G – Special Topics in Motor Behavior (2021, 2022)

KIN 591A – Supervised Field Experience in Physical Education (2022)

KIN 699 – Research (2019 – 2023)

HON 290 – Independent Study: Freshman Honors Mentor Program (2019, 2021, 2022)

HON 490 – Independent Study: Senior Honors Project (2019)

University of Michigan

MVS 250 – Statistics (2016 – 2017)

Average Evaluations (# / 5): Instructor: 4.68 ± 0.04, Course: 4.01 ± 0.08

MVS/PE 425 – Physical Activity and Pediatric Disabilities (2013)

Evaluation (# / 5): Instructor: 4.89, Course: 4.78

Wayne State University

KIN 5240 – Disability and Sports (2016)

Evaluation (# / 5): Instructor: 4.30, Course: 3.60

Oregon State University

HDFS 532 – Multivariate Statistics in Human Development and Family Sciences III (statistics laboratory instructor, 2009)

MENTORING

Oregon State University

Doctoral Students

Current

Anahita Younesiramedani, Kinesiology, Major Professor

Masters Students

Current

Completed (year degree conferred)

Baileigh Nagy (2023), Masters of Adapted Physical Education, Committee Member

Andrew Sales (2023), Masters of Adapted Physical Education, Committee Member

Nicolas Ramon (2023), Masters of Adapted Physical Education, Committee Member

Texas Woman's University

Doctoral Students

Current

Jamie Linker, Kinesiology, Committee Member

Wayne State University

Doctoral Students

Current

Franziska Loetzner, Kinesiology, Committee Member

Iowa State University

Doctoral Students (year degree conferred)

Matt Ladwig (2019), Kinesiology, Committee Member

Masters Students (year degree conferred)

Jackson Miller (2023), Kinesiology, Co-major Professor

Summer McVicker (2023), Diet and Exercise, Committee Member

Ashley Alert (2022), Diet and Exercise, Committee Member

Georgia Garrett (2022), Kinesiology, Committee Member

Morgan Cleveringa (2021), Diet and Exercise, Major Professor

Jennifer Pilut (2021), Diet and Exercise, Committee Member

Undergraduate Students (semester/year mentored)

Undergraduate Assistant Fellowships

Ellie McCombs (Summer 2022), Diet and Exercise, University Honors Committee –

Outstanding First-year Honors Mentor Program Scholar Award, Advisor

Ava Spinner (Summer 2022), Kinesiology, University Honors Committee –

Outstanding First-year Honors Mentor Program Scholar Award, Advisor

Frances Loeffelholz (Summer 2021), Nutritional Science, University Honors Committee –

Outstanding First-year Honors Mentor Program Scholar Award, Advisor

Phoebe Wu (Spring 2021), Kinesiology, College of Human Sciences –

Rosenfeld Internship Award, Advisor

Senior Honors Project

Hannah VanRoekel (2019), Athletic Training, Advisor

Senior Independent Study

Michelle Dolder (2020), Physical Education, Advisor

Nathan Carlson (2020), Physical Education, Advisor
 Hang Nguyen (2020), Physical Education, Advisor
 Kelsey McFarland (2019), Physical Education, Advisor
 Andrew Pavlat (2019), Physical Education, Advisor

Freshman Research Students

(First-Year Honors Mentoring Program [FHMP] or Freshman Research Initiative [FRI])

Benigne Muhayimana (2022) Dietetics, FHMP Advisor
 Alissa Hoover (2022), Kinesiology, FHMP Advisor
 Ellie McCombs (2022), Diet and Exercise, FHMP Advisor
 Kylie Petersen (2022), Diet and Exercise, FHMP Advisor
 Maiya Schminkey (2022), Kinesiology, FHMP Advisor
 Ava Spinner (2022), Kinesiology, FHMP Advisor
 Alexa Crowson (2021), Liberal Arts & Sciences, FHMP Advisor
 Frances Loeffelholz (2021), Dietetics, FHMP Advisor
 Elizabeth Marlow (2021), Kinesiology, FHMP Advisor
 Sarah Petersen (2021), Kinesiology, FHMP Advisor
 Taeghan Sharpe (2021), Kinesiology, FHMP Advisor
 Phoebe Wu (2019), Kinesiology, FHMP Advisor
 McKenna Meier (2019), Kinesiology, FHMP Advisor
 Anastasia O'Meara (2019), Dietetics, FHMP Advisor
 Karli Dallas (2019), Genetics, FHMP Advisor
 Hannah Miover (2019), Education, FHMP Advisor
 Marilin Rodriguez (2018), Kinesiology, FRI Advisor

University of Michigan

Undergraduate Research Assistants (year[s] mentored)

Rachel Ciarkowski (2016-2017), Kinesiology
 Chelsea Adkins (2015-2016), Kinesiology
 Rebecca Addison (2015-2016), Kinesiology & Public Health
 Elizabeth Lusk (2015), Kinesiology
 Morgan Tweedle (2015), Kinesiology
 Ruoxi Fu (2014), Kinesiology
 Alexandra Leptich (2013-2014), Kinesiology

PROFESSIONAL SERVICE

Editorial Review

2023 – Associate Editor, *Adapted Physical Activity Quarterly*
 2022 Guest Academic Editor, *PLOS One*

Ad hoc Peer Review: 81 reviews for 27 journals verified on [Web of Science](#)

Adapted Physical Activity Quarterly
American Journal on Intellectual and Developmental Disabilities
Autism
BMC Public Health
British Journal of Learning Disabilities
Children
Contemporary Clinical Trials
Disability & Health Journal
Disability and Rehabilitation
European Journal of Adapted Physical Activity

Gait & Posture
Human Movement
Infant Behavior and Development
International Journal of Developmental Disabilities
International Journal of Environmental Research and Public Health
Journal of Applied Research in Intellectual Disabilities
Journal of Intellectual and Developmental Disability
Journal of Intellectual Disability Research
Journal of Motor Behavior
Journal of Motor Learning and Development
Journal of Physical Activity and Health
Journal of Policy and Practice in Intellectual Disabilities
Measurement in Physical Education and Exercise Science
Medicine & Science in Sports & Exercise
Pediatric Exercise Science
PLOS One
Research Quarterly for Exercise and Sport

Grant Review

2023 SHAPE America Tommy Wilson Memorial Grant
 2021 NIH Special Emphasis Panel/Scientific Review Group for Time-Sensitive Obesity
 Policy and Program Evaluation (R01; PAR-21-305; 2022/05 ZDK1 GRB-1)
 2019 Great Plains IDeA-CTR Pilot Program (NIH U54GM115458)

Conference Abstract/Program Review

American Public Health Association
 National Consortium for Physical Education for Individuals with Disabilities
 North American Federation of Adapted Physical Activity
 North American Society for the Psychology of Sport and Physical Activity
 SHAPE America / American Alliance for Health, Physical Education, Recreation and Dance

Abstractor

2016 – 2019 *Adapted Physical Activity Quarterly* (Digest section)

Scientific Committees

2022 – 2024 Representative to Affiliate Organizations, North American Federation of Adapted Physical Activity executive board
 2022 – 2024 North America Representative, International Federation of Adapted Physical Activity executive board
 2022 – 2023 Motor Development Committee, 2023 North American Society for the Psychology of Sport and Physical Activity conference
 2022 – 2024 Member-at-Large, National Consortium for Physical Education for Individuals with Disabilities board of directors
 2022 Greg Reid Student Poster Award Committee, 15th North American Federation of Adapted Physical Activity symposium
 2020 – 2021 Motor Development Committee, 2021 North American Society for the Psychology of Sport and Physical Activity conference
 2018 Scientific Committee, 14th North American Federation of Adapted Physical Activity symposium
 2018 Greg Reid Student Poster Award Committee, 14th North American Federation of Adapted Physical Activity symposium

- 2014 Scientific Committee and Planning Committee, 12th North American Federation of Adapted Physical Activity symposium
- 2012 – 2014 Student Representative, North American Federation of Adapted Physical Activity executive board

Professional Committees

- 2019 – 2021 Physical Education and Health Statewide Leadership Team, Iowa Department of Education

Extension & Outreach Activities

- 2018 – 2022 Planning Team, SNAP-ED for Adults with Intellectual Disabilities in Iowa, ISU Human Sciences Extension and Outreach (including summer fellowship in 2019)

University Service

- 2023 Search Committee, Recreational Sports: Assistant Director Fitness and Wellness, Oregon State University
- 2021 – 2022 Research Days Advisory Committee, Office of the Vice President for Research (OVPR), Iowa State University.
- 2020 – 2022 Admissions Committee, Interdepartmental Graduate Program in Nutritional Science (IGPNS), Iowa State University.
- 2019 – 2022 Undergraduate Student Scholarship Committee, Department of Kinesiology, Iowa State University
- 2018 – 2019 Undergraduate Student Awards Committee, Department of Kinesiology, Iowa State University
- 2017 – 2022 Pease Family Scholar Committee, Department of Kinesiology, Iowa State University
- 2014 – 2015 Academic Integrity and Appeals Committee, School of Kinesiology, University of Michigan

Community Service

- 2018 – 2022 Clinical Director of Health Promotion, Special Olympics of Iowa
- 2014 – 2017 Clinical Director of Health Promotion, Special Olympics of Michigan

PROFESSIONAL LICENSURE

- 2009 – Certified Adapted Physical Educator (CAPE)
Adapted Physical Education National Standards Committee
*Recertified in March 2023
- 2009 – 2014 Wyoming Standard Teaching Certificate
K–12: Adapted Physical Education and Physical Education
6–12: Health Education and History
- 2007 – 2013 Michigan Provisional Secondary Certificate
K–12: Physical Education
6–12: Health Education and History

TRAINING AND PROFESSIONAL DEVELOPMENT

- 2014 Clinical Director Certificate
Healthy Athletes – Health Promotion program
Special Olympics International: Washington, DC

- 2012 Clinical Training Certificate
Autism Diagnostic Observation Schedule – Second Edition (ADOS-2)
Sunfield Center for Autism, ADHD and Behavioral Health: Ann Arbor, MI

HONORS AND AWARDS

National / International

- 2016 National Doctoral Scholar Award, American Kinesiology Association
Awarded to one doctoral student nationally with a distinctive academic and leadership record.
- 2016 Greg Reid Award for Outstanding Graduate Student Poster, North American Federation of Adapted Physical Activity
Awarded to one graduate student for the highest rated poster presentation of original research at the NAFAPA symposium.
- 2014 Adapted Physical Activity Council Outstanding Doctoral Student Award, SHAPE America: Society of Health and Physical Educators
Awarded to an outstanding doctoral student in the field of Adapted Physical Activity / Education nominated by their advisor and/or colleagues.

University

- 2021 Early Achievement in Professional Practice, College of Human Sciences: Iowa State University
Awarded to one faculty or staff member in CHS who has demonstrated outstanding accomplishments in extension and/or professional practice unusually early in her/his/their professional career.
- 2020 Teaching Innovation Award, Office of the Provost: Iowa State University
Awarded to faculty who demonstrated exemplary innovation in their curriculum and pedagogy during the transition to online instruction during Spring 2020 (COVID-19).
- 2015 Stan Kemp Graduate Scholarship Award, School of Kinesiology: University of Michigan
Awarded to one graduate student who displays high character, leadership, scholarship, integrity, and idealism.
- 2009 Steven O. Skaggs Award, Department of Exercise and Sport Sciences: Oregon State University
Awarded to one graduate student by the faculty of the Movement Studies in Disability program for dedication to the field.
- 2009 Distinguished Master's Thesis Award, College of Health and Human Sciences: Oregon State University
Awarded to a master's student in recognition of outstanding creativity and scholarship in the graduate thesis.
- 2006 Paul A. Hunsicker Memorial Undergraduate Award, Division of Kinesiology: University of Michigan
Awarded to one undergraduate student who has demonstrated superior scholarship and professional zeal and promise.
- 2006 Stan Kemp Undergraduate Scholarship Award, Division of Kinesiology: University of Michigan
Awarded to undergraduate students who display high character, leadership, scholarship, integrity, and idealism.

- 2005 Outstanding Physical Education Major of the Year, Michigan Association of Health, Physical Education, Recreation and Dance
Awarded to one undergraduate student nominated by the faculty of Physical Education at the University of Michigan.

AFFILIATIONS

American College of Sports Medicine (ACSM)
Healthy Weight Research Network for Children with Autism Spectrum Disorder and Developmental Disabilities (HWRN-ASD/DD)
International Motor Development Research Consortium (I-MDRC)
National Consortium for Physical Education for Individuals with Disabilities (NCPEID)
North American Federation of Adapted Physical Activity (NAFAPA)
North American Society for the Psychology of Sport and Physical Activity (NASPSPA)
Society of Health and Physical Educators (SHAPE America)