

CURRICULUM VITAE

Megan MacDonald, PhD

Oregon State University

College of Health

School of Exercise, Sport, and Health Sciences

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EDUCATION AND EMPLOYMENT INFORMATION

Education

Doctor of Philosophy in Kinesiology 2011

University of Michigan, Ann Arbor, MI

Major: Kinesiology with a focus in adapted physical activity

Bachelor of Education 2006

Trent University, Peterborough, ON, Canada

Major: Education

European Master in Adapted Physical Activity 2003

Katholieke Universiteit, Leuven Belgium

Major: Adapted Physical Activity

Bachelor of Kinesiology with Honours (thesis) 2002

Acadia University, Wolfville, NS, Canada

Major: Kinesiology

Training

OSU Public Voices Fellow 2021

Oregon State University, Corvallis, OR

A national initiative with the OpEd project to change who writes history

Physical Activity & Public Health Training Course 2013

Center for Disease Control & Prevention & University of South Carolina Prevention

Research Center, Park City, UT

Professional Positions

School Head 2023– present

School of Exercise, Sport, and Health Sciences

College of Health, Oregon State University,
Corvallis, OR

Interim School Head 2022- 2023
School of Biological & Population Health Sciences,
College of Public Health & Human Sciences, Oregon State University,
Corvallis, OR

Professor (with tenure) 2022- present
College of Health, Oregon State University, Corvallis, OR

OSU IMPACT for Life Endowed Faculty Scholar 2019–present
College of Health, Oregon State University, Corvallis, OR

Healthy Development in Early Childhood Research Core Director 2018- present
Hallie E. Ford Center for Healthy Children & Families, College of Health,
Oregon State University, Corvallis, OR

Associate Professor (with tenure) 2017–2022
College of Public Health & Human Sciences, Oregon State University,
Corvallis, OR

Assistant Professor 2011–2017
College of Public Health & Human Sciences, Oregon State University,
Corvallis, OR

Consultant–Subject Matter Expert 2014–2015
Relias Learning

Graduate Student Research Assistant 2007–2011
School of Kinesiology, University of Michigan

Graduate Student Teaching Assistant 2009
School of Kinesiology, University of Michigan

Director, S.M.I.L.E. (Sensory, Motor, Instructional, Leadership, Experience) 2006–2007
School of Recreation Management & Kinesiology, Acadia University,
Wolfville, Nova Scotia

Lecturer 2006–2007
School of Recreation Management & Kinesiology, Acadia University,
Wolfville, Nova Scotia

Undergraduate Teaching Assistant
School of Recreation Management & Kinesiology, Acadia University,
Wolfville, Nova Scotia

2001–2002

TEACHING & ADVISING

Instructional Summary

My teaching responsibilities have ranged annually. The courses that I teach include upper-level undergraduate courses and graduate courses. In addition to these teaching responsibilities, I regularly guest lecture and offer independent study courses to graduate students and undergraduate students every term. Independent study courses include, but are not limited to, theses, research projects, guided readings, and experiential learning through service-related programs in adapted physical activity (e.g., IMPACT, IMPACT 4 Life).

Graduate & Undergraduate Students

Graduate Mentoring

Graduate student mentoring is an accomplishment that I take extreme pride in. In the Children & Youth with Disabilities Laboratory, which I direct, we take a team approach to all our projects, from idea conceptualization to products (e.g., manuscripts, presentations, reports). I have been honored to work with graduate students at the Master and Doctoral level. I believe that their accomplishments, to date, are a direct reflection of their combined experiences at OSU and otherwise, including my mentorship. Where I was the major professor, I have indicated graduate student major accomplishments (e.g., awards and current positions).

<u>Doctoral Student</u>	<u>Major</u>	<u>Instructional Role</u>	<u>Degree/ Completion Date</u>
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Nicole Fiscella	KIN	Major professor	PhD/ 2023
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Dr. Fiscella graduated with her PhD in Kinesiology with an option in Adapted Physical Activity in 2023. My mentorship of Dr. Fiscella commenced in the Fall 2019, notably Dr. Fiscella was funded on a Leadership training grant from the US Department of Education Office of Special Education Programs. Dr. Fiscella is an Assistant Professor or Exercise Science at Lebanon Valley College

Ming-Chih (Darren) Sung	KIN	Major professor	PhD/ 2022
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Dr. Sung graduated with his PhD in Kinesiology with an option in Adapted Physical Activity in 2022. Dr. Sung is funded as a graduate teaching assistant. Dr. Sung was the recipient of the Steve Skaggs award in Spring 2020 for his leadership, outstanding contributions to the program and general willingness to learn. Dr. Sung joined the faculty at the University of South Carolina

Upstate as an Assistant Professor (tenure-track) in Fall 2022. In Fall 2024 Dr. Sung joined the faculty in the School of Kinesiology at California State University, Los Angeles.

Kathleen McCarty KIN **Major professor** PhD/ 2022

Dr. McCarty graduated with her PhD in Kinesiology with an option in Adapted Physical Activity in 2022. During her degree program Dr. McCarty successfully secured fellowship funding through the Robert Wood Johnson Foundation (~\$120,000). As a part of her fellowship funding, she was a Robert Wood Johnson Health Policy Scholar. In 2020, Dr. McCarty secured a second fellowship from the U.S. Department of Education, Office of Special Education Programs. In 2021, Dr. McCarty was awarded the Local American Kinesiology Doctoral Student Award. Dr. McCarty joined the faculty at the University of San Francisco as an Assistant Professor Winter 2023.

Winston Kennedy KIN **Major professor** PhD/ 2022

Dr. Kennedy completed his PhD in Kinesiology with an option in Adapted Physical Activity in 2022. My mentorship of Dr. Kennedy commenced in the Fall of 2021. Notably, Dr. Kennedy completed a Doctor of Physical Therapy degree prior to entering the PhD program. Dr. Kennedy was funded on a Leadership training grant from the US Department of Education Office of Special Education Programs. Dr. Kennedy secured a post-doctoral position at Merrimack College.

Willie Leung KIN **Major professor** PhD/ 2021

Dr. Leung graduated in Summer 2021. Dr. Leung is an assistant professor of human performance at the University of Tampa. My co-mentorship of Dr. Leung commenced in the Fall of 2019. Dr. Leung was funded on a Leadership training grant from the US Department of Education Office of Special Education Programs. Dr. Leung joined the faculty at the University of Tampa as an Assistant Professor in 2021.

Byoung Mo Ku KIN **Major professor** PhD/ 2019

Dr. Ku graduated in Spring 2019. Dr. Ku is currently an assistant professor at Nanyang Technological University in Singapore (August 2021). Immediately following his degree program at OSU, Dr. Ku accepted an assistant professor position (tenure-track) in the Department of Kinesiology at Vanguard University of Southern California. While at OSU, Dr. Ku was funded as a graduate teaching assistant in the College of Public Health & Human Sciences.

Kiley Tyler KIN **Major professor** PhD/ 2016

Dr. Tyler graduated in Summer 2016. Dr. Tyler is an assistant professor at Loyola University Chicago (commenced in August 2016). While at OSU, Dr. Tyler was funded on a leadership training grant from the US Department of Education. Within our adapted physical activity program, Dr. Tyler was the recipient of the adapted physical activity Steven O. Skaggs Award.

Ms. Cook has completed Physician Assistant Studies at the University of St. Francis (2016) and is currently practicing as a physician's assistant. While at Oregon State University, Ms. Cook was selected for the International Federation of Adapted Physical Activity International Volunteer Program (Istanbul, Turkey).

Jacqueline (Megan) Irwin EXSS **Major professor** MS/ 2013

While at Oregon State University, Dr. Irwin was funded as a graduate teaching assistant. In addition, Dr. Irwin successfully secured funding from the College to both complete her dissertation and travel to two national meetings.

RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITY

* *Denotes current &/or former graduate student*

** *Denotes undergraduate student*

*** *Denotes graduate student at another institution*

Note: regarding the ordering of authors, the first author made the greatest contribution.

Note: Each contribution indicates my specific role within the research, scholarship &/or creative activity. The following descriptions accompany the role indicated in the contribution:

- Lead author: Wrote majority of paper, conceptualized idea, designed study, interpreted results.
- Major contributor: Wrote significant portion of paper, assisted significantly in idea conceptualization, assisted significantly in interpreting results.
- Contributing author: This role varies by specific contribution and could include, writing part(s) of the paper, participation in idea conceptualization, participation in interpreting results.
- Senior author: This role typically consists of mentoring graduate and/ or undergraduate students through all aspects of the contribution.

Publications (Selected [since 2020 only])

Refereed Journal Articles

- Parkinson, C.*, Shen, X., **MacDonald, M.**, Logan, S., Gorrell, L. & Hatfield, B. (In press). Adaptive strategies for outdoor recreation during a time of stress: insights from the COVID-19 pandemic in the U.S. *Sage Open*. Doi: 10.1177/21582440241305774/ID:SO-24-0395.R1 [Contributing author.]
- Case, L. *, Yun, J., **MacDonald, M.**, Hatfield, B., & Logan, S. (2024). Assessing the use of recommended practices in adapted physical activity/education experiential-learning

programs. *Adapted Physical Activity Quarterly*. Doi.org/10.1123/apaq.2023-0115 [Contributing author.]

- Gorrell, L.*, Shen, X., Parkinson, C.*, Logan, S., Hatfield, B., & **MacDonald, M.** (2024). Children's outdoor play, physical activity, screen use, and emotional wellbeing during a public health crisis. *Leisure Sciences*. Doi.org/10.1080/01490400.2024.2335930 [Contributing author.]
- Darling, S., Wanser, S.*, Jiang, D., Schuna, J., Udell, M. & **MacDonald, M.** (2024) Unleashing potential: Boosting physical activity in children with developmental disabilities via a family dog-assisted intervention. *Human Animal Interactions*.12(1). Doi.org/10.1079/hai.2024.009 [Senior author.]
- Sung, M.C.*, McClelland, M., Massey, W., Logan, S., & **MacDonald, M.** (2024) Association between motor skills and executive function of children with autism spectrum disorder in Taiwan and the United States. *Frontiers*. 11 Doi.org/10.3389/fpubh.2023.129269[Senior author.]
- Larkin, A., **MacDonald, M.**, Jackson, D., Kile, M. & Hystad, P. (2024). Identifying children's environmental health risks, needs, misconceptions, and opportunities for research translation using social media. *Exploration of Digital Health Technology*. Doi.org/10.37349/edht.2024.00011 [Contributing author.]
- McCarty, K.*, Townsend, J., & **MacDonald, M.** (2023). Intercollegiate sports and the need for disability equity. *Palaestra*. [Senior author]
- Ketcheson, L., Pitchford, E.A., Staples, K., **MacDonald, M.**, & Ulrich, D. (2022). Supporting the need for the motor domain to be included in the definition of ASD: A response to Bishop et al.'s critique of Bhat (2021). *Autism Research*. Doi: 10.1002/aur.2811 [Contributing author.]
- Jost, C.*, **MacDonald, M.**, & Khanna, S. (2022). A community-based evaluation of disability resources and inclusion practices in rural Botswana. *Disability and Health Journal*. Doi: 10.1016/j.dhjo.2022.101275. [Senior author.]
- Shen, X., Parkinson, C.*, Gorrell, L.* Logan, S., Hatfield, B., & **MacDonald, M.** (2022). Leisure engagement during COVID-19 and its association with mental health and wellbeing in U.S. adults: A cross-sectional mixed study. *International Journal of Environmental Research and Public Health*. doi: 10.3390/ijerph19031081 [Contributing author.]
- Ku, B.*, Stinson, J.*, **MacDonald, M.**, & McIntyre, L. L. (2021). Parental behavior influence on motor skill development in young children with developmental disabilities: A two-year longitudinal study. *Child Psychiatry and Human Development*. doi: 10.1007/s10578-021-01263-x. PMID: [34622416](https://pubmed.ncbi.nlm.nih.gov/34622416/) [Senior author.]

- Sung, M.C*, Ku, B.*, Leung, W.*, & **MacDonald, M.** (2021). The effect of physical activity interventions on executive function among people with neurodevelopmental disorders: A meta-analysis. *Journal of Autism and Developmental Disorders*. Doi: 10.1007/s10803-021-05009-5. PMID: [33856619](#). [Senior author.]
- Dahlgren, J.*, Healy, S., **MacDonald, M.**, Geldhof, J., Palmiere, K., & Haegele, J. A. (2021). Physical activity and screen-time among youth with autism: A longitudinal analysis from 9 to 18 years. *Autism*. doi:10.1177/1362361320981314. PMID: [33406885](#). [Contributing author.]
- Wanser, S., **MacDonald, M.**, & Udell, M.A.R. (2021). Dog-human behavioral synchronization: Family dogs synchronize their behavior with child family members. *Animal Cognition*. doi:10.1007/s10071-020-01454-4. [Contributing author.]
- Wanser, S.*, Simpson, A. C.*, **MacDonald, M.**, & Udell, M.A.R. (In press). Considering family dog attachment bonds: Do dog-parent attachments predict dog-child attachment outcomes in animal-assisted interventions? *Frontiers in Psychology, section comparative psychology*. [Contributing author.]
- McCarty, K.*, Dixon-Ibarra, A., & **MacDonald, M.** (2020). Evaluation of Team Wellness health promotion program for individuals with intellectual disabilities. *Journal of Intellectual Disabilities*. doi:10.1177/1744629520957445. PMID: [33025848](#). [Senior author.]
- Ku, B.*, **MacDonald, M.**, Hatfield, B., & Gunter, K. (In press). Parental influence on the physical behaviors of young children with developmental disabilities. *Adapted Physical Activity Quarterly*. [Senior author.]
- Ku, B.*, **MacDonald, M.**, Hatfield, B., & Gunter, K. (2020). Parental influences on parent-reported motor skills in young children with developmental disabilities. *Disability and Health Journal*, 13(3). doi:10.1016/j.dhjo.2020.100910. PMID: [32111570](#). [Senior author.]
- Stinson, J.*, McCarty, K.*, & **MacDonald, M.** (2020). Steps for community fitness organizations seeking to engage in inclusive practices. *ACSM Health and Fitness Journal*. 24(2), 16–21. doi:10.1249/FIT.0000000000000555. [Senior author.]
- Tyler, K. *, Joyce, C. & **MacDonald, M.** (2020). Health-related physical fitness and physical activity for children with autism spectrum disorder. *Palestra*. 34(3). [Senior author.]

Book Chapters

5. Khanna, S.K., **MacDonald, M.**, Jost, C.* & Roberts, B.* (In press [October 2025]). Botswana. In *** *Editors* *** (Eds.), *Health and healthcare: A world View 1st Edition*. *** publisher***. [Contributing author.]

4. Sung, M.C.* & **MacDonald, M.** (2023) Chapter 4: Motor behavior and autism spectrum disorders. In A. Brian & P. Beach (Eds.), *Disability and motor behavior: A handbook of research*. Rowman0Littlefield. [Lead author.]
3. Lieberman, L. J., Grenier, M., & **MacDonald, M.** (2020). Cultural factors affecting inclusive practices in present-day North America. In S. Heck & M. E. Block (Eds.), *Inclusive physical education around the world – Origins, cultures, practices*. London: Routledge. [Contributing author.]
2. **MacDonald, M.**, Ku, B.*, Logan, S., & Stinson, J.* (2020). *Motor competence within the discipline of adapted physical education*. In J. Haegele & D. Shapiro (Eds.), *Handbook of adapted physical education*. [Lead author.]
1. **MacDonald, M.**, Dixon-Ibarra, A., & Rogers, K.* (2017). *Physical activity and health promotion for people with MS: Implementing activities in the community*. In R. R. Watson & W.D.S. Killgore (Eds.), *Nutrition and lifestyle in neurological autoimmune diseases: Multiple sclerosis* (pp. 203–12). San Diego: Academic Press. [Lead author.]

Media (Podcasts, Webcasts & OpEds)

11. **MacDonald, M.** (2024, February 2). Students with disabilities often left on the sidelines when it comes to school sports. *The Conversation*. [OpEd](#).
10. Kile, M., Hystad, P. & **MacDonald, M.** (2023, May 9). A Breath of Fresh Air. *Public Health Insider*. [Webcast](#).
9. **MacDonald, M.**, Gunter, K & Jackson, J. (2022, March 10). Refocusing the picture of health for kids. *Public Health Insider*. [Webcast](#).
8. **MacDonald, M.** (2021, December 23). Schools need to urgently prioritize the physical health of students. *HillReporter.com*. [OpEd](#).
7. **MacDonald, M.** (2021, October 29). Guarantee access to equitable services in special education. *Statesman Journal*. [OpEd](#).
6. **MacDonald, M.** (2021, August 20). Education law requires PE. *Visible Magazine*. [OpEd](#).
5. **MacDonald, M.** (2021, August 4). If the Paralympics won't model equity and inclusion, who will? *Los Angeles Times*. [OpEd](#).
4. **MacDonald, M.** (2021, June 24). The Unequal Path to Elite Athletic Pursuits. *The Hill (Thehill.com)*. [OpEd](#).
3. **MacDonald, M.** (2021, June 7). Why Physical Education Can't Be a Casualty of the Pandemic. *U.S. News & World Report*. [OpEd](#).

2. **MacDonald, M.** (2020). Going from Dreaming to Doing. *Knowledge Quest: A Student Experience Podcast*. [Podcast](#).

1. **MacDonald, M.** (2016). Fine and Gross Motor Skills: Interview with Megan MacDonald, PhD. *Podcast – Kindergarten Kiosk*. [Podcast](#).

Professional Meetings, Symposia, and Conferences (Selected [since 2020 only])

- Foster, S., Kile, M., Geldhof, J., Mercurief, A.*, Lipscomb, S., **MacDonald, M.**, McClelland, M., Anderson, K., Chang, S., & Megowan, M. (October 2024). *Have flame retardant chemical exposures changed over time? An exposure assessment with silicone wristbands worn by preschool-aged children in 2012- 2013 and 2021-2022 in the Pacific Northwest*. Paper submitted to the 2024 International Society of Exposure Science Annual Meeting, Montreal, PQ, Canada.
- Sung, M.C.*, Yao, W.R., Leung, W.*, Cilia, J., & **MacDonald, M.** (August 2024). *Cross-cultural comparison of activity of daily living and its association with executive functioning of autistic children in Taiwan and the United States*. Paper accepted to the 2024 International Symposium of Asian Society for Adapted Physical Education and Exercise (ASAPE), Sapporo, Hokkaido, Japan.
- Sung, M.C.* & **MacDonald, M.** (June 2024). *Cross-cultural exploration of motor skills and executive function among children with autism spectrum disorder in Taiwan and the United States* (June 2024). Paper accepted to the 2024 International Motor Development Research Consortium (I-MDRC), Ghent, Belgium.
- Frank, D.*, Darling, S., Vitale, K., **MacDonald, M.** & Udell, M. (Submitted). *Child-Cat attachment and emotional support: A at training animal-assisted program*. Paper submitted to the America Psychological Association Conference and Expo, XXX, XX.
- Larkin, A., Jackson, D., **MacDonald, M.** & Hystad, P. (March 2024). *Identifying children’s environmental health conditions and needs with multimodal models and large-scale social media analytics*. Paper submitted to the NVIDIA Conference and Expo, San Jose, CA.
- Jost, C.*, **MacDonald, M.** & Khanna, S. (November 2023). *Examining the effectiveness of a community-driven disability awareness program on disability inclusion practices in rural Botswana: A community-based approach*. Paper accepted at the American Public Health Association Annual Meeting, Atlanta, GA.
- Sung, M.C.* & **MacDonald, M.** (June 2023). *Comparison of motor skills in children with autism spectrum disorder: A cross-cultural investigation in Taiwan and the United States*. Paper submitted to the International Symposium on Adapted Physical Activity (ISAPA). Dunedin, New Zealand.

- Ketcheson, L., Pitchford, E.A., Staples, K., Lloyd, M., **MacDonald, M.** & Ulrich, D. (May 2023). *Pervasiveness of motor incoordination among children with autism spectrum disorder both with and without concurrent intellectual disability*. Paper submitted to the International Symposium on Autism Research (INSAR). Stockholm, Sweden.
- Jost, C.*, **MacDonald, M.** & Khanna, S. (November 2022). *A community-based participatory approach to examining the impact of disability awareness training on attitudes towards persons with disabilities*. Paper accepted at the American Public Health Association Annual Meeting, Boston, MA.
- Jost, C.*, Capener, N.*, **MacDonald, M.** & Khanna, S. (October 2022). *A systematic review of legislation, policy and strategic plans governing educational opportunities for people with disabilities living in Southern Africa*. Paper accepted at the Oregon Public Health Association Annual Meeting, Corvallis, OR.
- Sung, M.C.* & **MacDonald, M.** (October 2022). *Investigating the association between gross motor skills and working memory: A cross-cultural analysis of young children with autism spectrum disorder from the US and Taiwan*. Paper accepted at the North American Federation of Adapted Physical Activity Symposium, St. Catherine's, ON.
- Fiscella, N.*, Leung, W.*, Bales, C.***, Beamer, J. & **MacDonald, M.** (October 2022). *Undergraduate student volunteer experiences and perspectives participating in an adapted physical activity community service program*. Paper accepted at the North American Federation of Adapted Physical Activity Symposium, St. Catherine's, ON.
- Case, L.*, Yun, J., **MacDonald, M.**, Hatfield B., Logan, S.W. (May 2022). *What is the goal of adapted physical education service-learning programs in the United States?* Paper presented at the North American Society for the Psychology of Sport and Physical Activity, Waikoloa Village, HI.
- Sung, M.C.*, Tepfer, A. & **MacDonald, M.** (September 2021). *Mediation of cognitive abilities on the relationship between motor skills and early academic achievement in preschoolers at risk for disabilities*. Paper accepted to the 5th Assembly of the International Motor Development Research Consortium, Virtual.
- Leung, W.*, **MacDonald, M.**, & Schuna, J. (2021). *Are people with disabilities using wearable devices? The association between people with disabilities and wearable devices*. Paper submitted to the American Public Health Association's 2021 Annual Meeting and Expo, Virtual.
- Udell, M.A.R., Wanser, S. H., & **MacDonald, M.** (June 2021). *Considering the bond: Efficacy and attachment benefits of AAI's between children and their family dog*. Paper submitted to the International Society for Anthrozoology (IZAZ) Annual Conference, Virtual.

- **MacDonald, M.**, Udell, M.A.R, Schuna, J., & Jiang, D. (April 2021). *Improved physical activity behaviors in children with developmental disabilities: A program with the family dog*. Paper accepted at the Society for Research in Child Development (SRCD) Biennial Meeting, Virtual.
- **MacDonald, M.**, & Healy, S. (Accepted May, 2020). *Physical activity and screen-time among children with autism; A longitudinal analysis from 9–18 years*. Paper submitted to the International Symposium on Autism Research (INSAR). Seattle, WA.
- Peterson-Ahmad, M., **MacDonald, M.**, Case, L.*, Hovey, K., & Wegis, H. (February, 2020). *The IMPACT of collaborative partnerships in serving students with disabilities*. Paper accepted by the CEC 2020 Special Education Convention and Expo. Portland, OR.

Invited Presentations (Selected [since 2020 only])

Keynote denoted through underline

- **MacDonald, M.** (2025, February 13) *Habits: Physical Activity for Children with Disabilities*. University of Wisconsin, Madison, WI.
- **MacDonald, M.** (2024, November 15). *The holistic impact of physical activity behavior in daily living for children with disabilities*. Western University of Health Sciences Research Symposium, Lebanon, OR.
- **MacDonald, M.** (panelist) (2024, November 6). *Best practices for disability inclusion and youth sports – no excuses, let’s get ‘em in the game!* Adapted Sport Leadership and Business Symposium (LABS) Webinar, Virtual.
- **MacDonald, M.** & McClelland, M. (2024, May 8). *The co-development of motor skills and executive function in children with autism*. Autism Researcher Institute Webinar, Virtual.
- **MacDonald, M.** (2023, October 17). *Panel contribution adaptive needs focused on pedestrian and bicycle safety*. Panel-based presentation for the Technical Assistance Team for the Oregon Department of Transportation Safe Routes to School program, Virtual.
- McClelland, M., Gunter, K., & **MacDonald, M.**, Garcia, J., & Tominey, S. (2022, Nov 18) *Updates and New Opportunities in the Hallie E. Ford Center for Healthy Children & Families*. CPHHS Seminar, Corvallis, OR.
- Udell, M. & **MacDonald, M.** (2022, July 21) *The impact of a family dog training program on the physical activity, quality of life, and social wellbeing of adolescents*. Human-Animal Bond Lecture Series. (Virtual).

- **MacDonald, M.** (2022, April 13). *Children with disabilities – making a dent towards improving physical activity behaviors*. Public Health Graduate Seminar Purdue University. (Virtual) Purdue University, West Lafayette, IN.
- **MacDonald, M.** (2021, June 14). *Panel Contribution: Global examples promoting the right to education through adapted and inclusive physical education for children experiencing disabilities*. 14th Conference of States Parties to the Convention on the Rights of Persons with Disabilities – COSP14. (Virtual) Headquarters New York, NY.

Contracts, Grants and Sponsored Research

Research/ Training Support: Current (Total: ~ \$11 million)

09/01/2022- 08/31/2024 (No-cost extension [1-year])

GRANT13507225 NICHD/ NIH (\$392, 379)

MacDonald, Megan; Udell Monique (MPI)

The Development and Evaluation of a Novel Cat Assisted Training (CAT) Intervention for youth with Developmental Disabilities and their Family Cat

This research project is evaluating a novel physical activity intervention for adolescents with developmental disabilities and their family cat, through a randomized control trial.

Role: Principal Investigator

12/2021–11/2026

GRANT13248774 NIEHS/ NIH (\$3, 665, 495)

Kile, Molly (PI)

Advancing Science, Practice, Programming and Policy in Research Translation for Children’s Environmental Health (ASP³IRE)

This center grant is focused on Children’s Environmental Health Research Translation.

Role: Co-Investigator

05/2020–04/2025

R01HD101098 NICHD/ NIH (\$1,840,545)

MacDonald, Megan; Udell Monique (MPI)

The Multisite Evaluation of an Intervention to Increase Joint Activity and Social Wellbeing for Adolescents with Developmental Disabilities

This research project is evaluating a multi-site novel physical activity intervention for adolescents with developmental disabilities and their family dog, through a multi-site randomized control trial.

Role: Principal Investigator

09/2019–08/2024 (No-cost extension 08/2025)

R01ES029497 NIEHS/ NIH (\$3,841,145)

Kile, Molly; Lipscomb, Shannon (MPIs)

Children’s Flame Retardant Exposures Measured by Passive Wristbands: Sex Specific Associations, Social Adversity, and Socio-cognitive Development

This research project evaluates the relationship between aspects of children’s socio-cognitive development and environmental exposures, including flame retardants.

Role: Co-Investigator

01/2019–12/2024 (No cost extension [1 year])

H325K18019 US Department of Education, Office of Special Education (\$1,250,000)

MacDonald, Megan (PD)

Interdisciplinary Preparation of Quality Personnel in Adapted Physical Education

This personnel training grant will provide interdisciplinary training to adapted physical educators and special educators in the state of Oregon and beyond throughout the granting period.

Role: Project Director

AWARDS AND HONORS

National and International Awards

4. David P. Beaver Young Scholar Award, National Consortium for Physical Education for Individuals with Disabilities, Washington, D.C. (August 2016)
3. Associate member—Healthy Weight Research Network—Children with Autism Spectrum Disorder & Developmental Disabilities (January 2016)
2. Invited participant—White House Summit & Research Forum on Improved Health & Fitness for Americans with Disabilities (October 7, 2014)
1. APAC’s Outstanding Doctoral Student, Adapted Physical Activity Council at the American Alliance of Health, Physical Education & Dance National Convention (2010)

State and Regional Awards

2. Nominated for the Western Society for Kinesiology and Wellness Young Scholar Award (February 2017)
1. Student Research Awards Program Recipient, Blue Cross Blue Shield Foundation of Michigan Foundation (2010)

University and Community Awards

4. Dean’s Unsung Hero Award (with the 2022 CPHHS Faculty Senators). College of Public Health & Human Sciences, Oregon State University (September 2022)
4. Nominated for the Oregon State University, Honors College Outstanding Professor of the Year Award (June 2017)

3. Invited / nominated participant—College Leadership Workshop (8-week workshop). College of Public Health & Human Science, Oregon State University (March–June, 2016)
2. Rackham Graduate Student Research Grant Recipient, Rackham Graduate School, University of Michigan (2010)
1. Stan Kemp Award, School of Kinesiology at the University of Michigan (2010)