

## CURRICULUM VITAE

**Megan MacDonald, PhD**

Oregon State University

College of Public Health & Human Sciences

Kinesiology Program

phone (541) 737-3273

email: [megan.macdonald@oregonstate.edu](mailto:megan.macdonald@oregonstate.edu)

### Table of Contents

A. EDUCATION AND EMPLOYMENT INFORMATION.....	3
Training.....	3
Professional Positions .....	3
Licensures and Certifications.....	4
Professional Memberships .....	4
B. TEACHING, ADVISING AND OTHER ASSIGNMENTS.....	5
B1. Instructional Summary .....	5
B1.1. Credit Courses .....	5
B1.2. Invited Guest Lectures .....	6
B1.3. Curriculum Development.....	7
B1.4. Graduate & Undergraduate Students.....	9
Undergraduate Mentoring.....	14
B2. Student Evaluation Summary.....	16
B3. Peer Teaching Evaluations .....	18
B4. Other Assignments .....	19
C. RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITY.....	20
C1. Publications .....	20
Published Intellectual Contributions.....	20
C1.1 Refereed Journal Articles .....	20
C1.2 Published Refereed Abstracts.....	25
C1.3 Book Chapters .....	26
Published Non-Refereed Contributions .....	27
C1.4 Applied Research/ Educational Reports.....	27
C1.5 Book/ Media Reviews .....	27
C1.6 Papers under Review at Refereed Journals .....	27
C1.7 Papers in Progress .....	28

C2. Professional Meetings, Symposia, and Conferences.....	28
C2.1 National & International Presentations .....	28
C2.2 State & Local Presentation.....	35
C2.3 Invited Presentations .....	38
C2.4 Editorial Contributions.....	40
C2.5 Continuing Education & Development.....	41
C3. Contracts, Grants and Sponsored Research.....	42
C3.1 Research/ Training Support: Current (Total: ~ \$11 million) .....	42
C3.2 Research & Training/ Continuing Education Support: Pending/ In Preparation .....	43
C3.3 Research Support: Completed.....	43
C3.4 Research & Training/ Continuing Education Support: Not funded .....	46
D. SERVICE.....	54
D1. School Service.....	54
D2. College Service .....	54
D3. University Service.....	55
D4. Professional Service.....	55
D4.1 Grant reviews .....	55
D4.2 Professional Organization Service .....	56
D4.3 Reviewer .....	57
D5. Other Service.....	57
E. AWARDS AND HONORS .....	59
E1. National and International Awards.....	59
E2. State and Regional Awards .....	59
E3. University and Community Awards.....	59

## **A. 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**

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

**OSU IMPACT for Life Endowed Faculty Scholar** 2019–present  
College of Public Health & Human Sciences, Oregon State University,  
Corvallis, OR

**Healthy Development in Early Childhood Research Core Director** 2018- 2022

Hallie E. Ford Center for Healthy Children & Families, College of Public Health & Human Sciences, Oregon State University, Corvallis, OR

**Associate Professor** (with tenure) 2017–present  
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** 2001–2002  
School of Recreation Management & Kinesiology, Acadia University, Wolfville, Nova Scotia

### **Licensures and Certifications**

Certificate of Qualification –Teacher, Ontario College of Teachers 2006–2017

### **Professional Memberships**

National Consortium for Physical Education for Individuals with Disabilities 2012–present

Society for Health & Physical Educators (SHAPE) America (formerly American Alliance for Health, Physical Education, Recreation & Dance) 2010–present

International Society for Autism Research 2009–present

## B. TEACHING, ADVISING AND OTHER ASSIGNMENTS

### *B1. 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).

#### *B1.1. Credit Courses*

<u>Term</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>	<u>Number of Students</u>
Winter 2021	KIN 549	Physical Activity for Persons with Severe Disabilities	3	10
Fall 2020	KIN 444/544	Advanced Adapted Physical Activity (remote offering)	3	~40
Fall 2020	HHS 199	Imperfect and Thriving	2	~15
Spring 2020	KIN 444	Advanced Adapted Physical Activity	3	~24
Winter 2020	KIN 549	Physical Activity for Persons with Severe Disabilities	3	8
Fall 2019	HHS 199	Imperfect and Thriving	2	25
Fall 2019	KIN 444/544	Advanced Adapted Physical Activity	3	~40
Winter 2018	KIN 549	Physical Activity for Persons with Severe Disabilities	3	11
Fall 2017	KIN 481	Analysis of Critical Issues in Kinesiology	3	25
Fall 2017	KIN 444/544	Advanced Adapted Physical Activity	3	25
Winter 2017	KIN 444	Advanced Adapted Physical Activity	3	40
Fall 2016	KIN 314	Introduction to Adapted Physical Activity	3	133
Fall 2016	KIN 444/544	Advanced Adapted Physical Activity	3	20
Summer 2016	KIN 549	Physical Activity for Persons with Severe Disabilities	3	~10
Summer 2016	KIN 314	Introduction to Adapted Physical Activity	3	~30

Spring 2016	KIN 311	Motor Behavior	4	35
Winter 2016	KIN 444	Advanced Adapted Physical Activity	3	24
Winter 2016	KIN 549	Physical Activity for Persons with Severe Disabilities	3	12
Fall 2015	KIN 444/544	Advanced Adapted Physical Activity	3	15
Fall 2015	KIN 314	Introduction to Adapted Physical Activity	3	~95
Summer 2015	EXSS 314	Introduction to Adapted Physical Activity	3	33
Spring 2015	EXSS 311	Motor Behavior	4	~117
Spring 2015	EXSS 314	Introduction to Adapted Physical Activity	3	~61
Winter 2015	EXSS 314	Introduction to Adapted Physical Activity	3	67
Fall 2014	EXSS 314	Introduction to Adapted Physical Activity	3	71
Summer 2014	EXSS 549	Physical Activity for Persons with Severe Disabilities	3	8
Fall 2011	EXSS 444/544	Adapted Physical Activity	4	37
Winter 2012	EXSS 549	Physical Activity for Persons with Severe Disabilities	3	12
Spring 2012	EXSS 507/607	Seminar	1	~15
Fall 2012	EXSS 549	Physical Activity for Persons with Severe Disabilities	3	15
Winter 2013	EXSS 444	Adapted Physical Activity	4	48
Fall 2013	EXSS 444/544	Adapted Physical Activity	4	48
Winter 2014	EXSS 549	Physical Activity for Persons with Severe Disabilities	3	12
Fall 2009	KIN 425	Motor Behavior & Developmental Disabilities	3	~ 40
Winter 2007	KINE 2443	Growth & Motor Development	3	~ 30
Winter 2007	KINE 3373	Children with Special Needs	3	~30
Fall 2006	KINE 1513	Fundamental Movement	3	~ 30
Fall 2006	KINE 2003	Adapted Physical Activity	3	~ 30

### ***B1.2. Invited Guest Lectures***

Undergraduate/Graduate Audience

*Oregon State University*

Fall 2020	HDFS (Grad students)	Professional Development	Professional Development
Winter 2012- present	EXSS/KIN 131	Introduction to EXSS	Research in KIN/ APA
Spring 2016	ANS 230	Companion Animal Management	Disability & Family Pets
Spring 2016	KIN 550	Health Promo for Pers w Dis	Health Promotion for Children
Winter 2016	Honors	Honors College Mentor Panel	Kinesiology
Winter 2016; 2017	HDFS 311	Infant & Child Development	Early Intervention
Fall 2014	EXSS 311	Motor Behavior	Mountain of Motor Development
Winter 2014	EXSS 607	Topics in aging IGERT	Life as a New Faculty
Fall 2013	EXSS 547	Inclusion in Physical Activity	Behavior Management

*Kansas State University (via Zoom)*

Winter 2022	Graduate Seminar	Communicating research through OpEds
-------------	------------------	--------------------------------------

*Georgia State University (via Skype)*

Winter 2014	KH 9960	Advanced Research Seminar	Autism Spectrum Disorders
-------------	---------	---------------------------	---------------------------

*Slippery Rock University (via Skype)*

Fall 2016	Adapted Physical Activity Seminar	Public Health & APA
Fall 2015	Adapted Physical Education Seminar	Research in APA

Faculty Audience

*Oregon State University*

Winter 2016	Hybrid Faculty Learning Community	New Course Management/ Hybrid
Spring 2015	Hybrid Faculty Learning Community	Developing a Hybrid Course
Winter 2015	Oregon Healthiest State Initiative	Adapted Physical Activity
Fall 2014	Hybrid Faculty Learning Community	Strength of a Hybrid Course
Spring 2014	Ecampus Faculty Forum	Hybrid Showcase (EXSS 444)
Spring 2013	Hybrid Faculty Learning Community	Lesson's learned (EXSS 444)

***B1.3. Curriculum Development***

## Oregon State University

Spring 2014–Spring 2018      New option associated with the OSU CPHHS MPH degree  
*Joint participation in an identified initiative in Physical Activity. This initiative resulted in an MPH Physical Activity Option.*

Fall 2013–Spring 2017      Master of Adapted Physical Education (degree creation)  
*Joint participation in the creation of a professional degree program, the Master of Adapted Physical Education (MAPE).*

Fall 2013–Winter 2015      EXSS      Undergraduate Restructure  
*Joint participation with EXSS faculty in the significant restructure of courses and course content associated with the EXSS undergraduate degree.*

Fall 2012      EXSS 444      Adapted Physical Activity  
*Joint participation in the hybrid faculty learning community course to redesign EXSS 444 Adapted Physical Activity into a hybrid course offering.*

## Relias Learning

Fall 2014–Spring 2015      New courses for Relias Learning  
*Responding to Healthcare Needs (Focused Learning series); Weight Management; The Importance of Physical Fitness.*  
*Wrote course content as a subject matter expert.*



#### ***B1.4. 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 of 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).*

<b><u>Doctoral Student</u></b>	<b><u>Major</u></b>	<b><u>Instructional Role</u></b>	<b><u>Degree/ Completion Date</u></b>
Nicole Fiscella	KIN	<b>Major professor</b>	PhD/ 2023 (anticipated)

Ms. Fiscella is a PhD candidate in Kinesiology with an option in Adapted Physical Activity. My mentorship of Ms. Fiscella commenced in the Fall 2019. Ms. Fiscella is funded on a Leadership training grant from the US Department of Education Office of Special Education Programs.

Ming-Chih (Darren) Sung	KIN	<b>Major professor</b>	PhD/ 2022
-------------------------	-----	------------------------	-----------

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 will join the faculty at the University of South Carolina Upstate as an Assistant Professor (tenure-track) in Fall 2022.

Kathleen McCarty	KIN	<b>Major professor</b>	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.

Winston Kennedy	KIN	<b>Major professor</b>	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.

Willie Leung	KIN	<b>Major professor</b>	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.

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. At the College level within OSU, Dr. Tyler received the Woods Foster Fellowship and the Jesse Bell Memorial Graduate Student Loan Award.

Amanda Tepfer                                      EXSS                      **Major professor**                      PhD/ 2015

Dr. Tepfer is currently an assistant professor (tenure-track) at The State University of New York (SUNY) Cortland (commenced Fall 2018; previously Dr. Tepfer was an assistant professor at Norwich University), focused on physical education teacher education and adapted physical education. While at OSU, Dr. Tepfer was funded on a leadership training grant from the US Department of Education. While at OSU, Dr. Tepfer received the Ruth Warnke Graduate Research Fellowship Award. Nationally, Dr. Tepfer was recognized as the Outstanding Doctoral Student of the Year (SHAPE America) and received an Emerging Scholar Award at the National Consortium for Physical Education for Individuals with Disabilities. Internationally, Dr. Tepfer was selected for the International Federation of Adapted Physical Activity International Volunteer Program (Istanbul, Turkey).

<u>Master's Student</u>	<u>Major</u>	<u>Instructional Role</u>	<u>Degree/ Completion Date</u>
Jodi Stinson	KIN	<b>Major professor</b>	MS/ 2019

Ms. Stinson commenced her Master's degree at Oregon State University in the Fall of 2017. Her funding included a graduate teaching assistantship at OSU.

Amelia “Chloe” Simpson      KIN                      **Major professor**                      MS/ 2018

Ms. Simpson commenced her Master’s degree at Oregon State University in the Fall of 2016. Her funding included a graduate teaching assistantship at OSU and APE consulting services at the Lebanon Community Schools (PI MacDonald).

Erica Twardzik                      KIN                      **Major professor**                      MS/ 2016

Dr. Twardzik is currently a post-doctoral scholar at Johns Hopkins University. Following her degree program at OSU, she completed her PhD at the University of Michigan (joint degree in Kinesiology and Public Health, 2021). While at OSU, Dr. Twardzik was recognized as an Emerging Scholar from the National Consortium for Physical Education for Individuals with Disabilities.

Samantha Ross                      EXSS                      **Major professor**                      MS/ 2015

Dr. Ross is an Assistant Professor at West Virginia University. Following her degree program, Dr. Ross completed her PhD at Oregon State University, funded on a leadership training grant from the US Department of Education, Office of Special Education Programs. While at OSU Dr. Ross was the recipient of many awards and honors; these included the Art Kioski travel scholarship, the Oregon Public Health Association Disability Section scholarship, and the President’s Commission on the Status of Women scholarship.

Nicole Cook                      EXSS                      **Major professor**                      MS/ 2014

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

Dr. Irwin is a current post-doctoral scholar at the University of South Carolina. 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.

**Graduate Student Committee Membership**

Taya Corosdale	KIN	Committee member	MS/2023 (anticipated)
Divya Reddy	H	Committee member	PhD/2024 (anticipated)
Bethany Sloane	KIN	Committee member	PhD/2024 (anticipated)
Lu Shi	H	Graduate representative	PhD/2024 (anticipated)
Courtney Jost	H	Committee member	PhD/2024 (anticipated)
Deanna Perez	KIN	Committee member	PhD/ 2023 (anticipated)
Michele Catena	KIN	Committee member	PhD/ 2022 (anticipated)

Faye Andrews	H	Graduate representative	PhD/ 2022 (anticipated)
Joseline Raja	KIN	Committee member	PhD/ 2022 (anticipated)
Chandra Char	H	Graduate representative	PhD/ 2022 (anticipated)
Joshua Bell	PSYCH	Graduate representative	PhD/ 2022 (anticipated)
Laynie Case	KIN	Committee member	PhD/ 2021
Jon Montero	MAPE	Committee member	MAPE/ 2021
Matthew Prom	MAPE	Committee member	MAPE/ 2021
Tiana Swenson	MAPE	Committee member	MAPE/ 2021
Lauren Allard	MAPE	Committee member	MAPE/ 2020
Molly Armstrong	MAPE	Committee member	MAPE/ 2020
Tracey Hunt	MAPE	Committee member	MAPE/ 2020
Courtney Jost	MPH	Committee member	MPH/ 2020
Catherine Rocak	MAPE	Committee member	MAPE/ 2020
Gabriela Zott	KIN	Committee member	MS/ 2020
Daniel Aranda	MAPE	Committee member	MAPE/ 2019
Eric Cerino	HDFS	Graduate representative	PhD/ 2019
Lindsay Miller	H	Graduate representative	PhD/ 2019
Nolan Bradley	KIN	Committee member	MS/ 2018
Amber Lyon-Colbert	H	Graduate representative	PhD/ 2018
Christine Redfern	KIN	Committee member	MS/ 2018
Erin Siebert	KIN	Committee member	PhD/ 2017
Daniel Hinchberger	KIN	Committee member	MS/ 2017
Brittany Hollingsworth	KIN	Committee member	MS/ 2017
Katelyn Meisenheimer	KIN	Committee member	MS/ 2017
Willie Leung	KIN	Committee member	MS/ 2017
Erin Siebert	KIN	Committee member	PhD/ 2017
Derek Becker	HDFS	Committee member	PhD/ 2016
Jessica Hamm	EXSS	Committee member	PhD/ 2016
Jill Pawlowski	KIN	Committee member	PhD/ 2016
Alicia Chamness	KIN	Committee member	MS/ 2016
Staci Ebadirad	HDFS	Graduate representative	MS/ 2016
Craig Trask	KIN	Committee member	MS/ 2016
Emily Wright	KIN	Committee member	MS/ 2016
Kathryn Franklin	EDUC	Graduate representative	PhD/ 2015
Sean Roberts	TCE	Graduate representative	PhD/ 2015
Amy Bonnet	PSYCH	Graduate representative	MS/ 2015
Laynie Case	EXSS	Committee member	MS/ 2015
Crista Hankey	EXSS	Committee member	MS/ 2015
Seth Hutchison	EXSS	Committee member	MS/ 2015
Nicholas Mills	EXSS	Committee member	MS/ 2015
Aaron Mason	EXSS	Minor professor	MS/ 2014
Paige Niemi	EXSS	Minor professor	MS/ 2014
Kassandra Roth	EXSS	Minor professor	MS/ 2014
Katelyn Stone	EXSS	Committee member	MS/ 2014
Kristina Strong	EXSS	Minor professor	MS/ 2014

Wesley Wilson	EXSS	Committee member	MS/ 2014
Jong Lim	EDUC	Graduate representative	PhD/ 2014
Megan Pratt	HDFS	Graduate representative	PhD/ 2014
Jennifer Maguire	HDFS	Graduate representative	PhD/ 2013
Malori Ambrose	EXSS	Minor professor	MS/ 2013
Chris Fredlund	EXSS	Minor professor	MS/ 2013
Jillian Hixson	EXSS	Minor professor	MS/ 2013
Jessica Garinger	EXSS	Minor professor	MS/ 2012
Courtney Johnson	EXSS	Committee member	MS/ 2012
Sarah Konold	EXSS	Minor professor	MS/ 2012
Celia Magistrale	EXSS	Minor professor	MS/ 2012

Undergraduate Mentoring

*Undergraduate students are an active part of our research initiatives within the Children and Youth with Disabilities Laboratory (PI **MacDonald**). The following descriptions explain some of the funding mechanisms we have utilized for undergraduate research opportunities.*

*The University Honors College is a small degree-granting college within OSU. This college offers OSU’s most prestigious degree, the Honors Baccalaureate Degree, which can be earned by any undergraduate major. Undergraduate awards associated with the Honors College include the DeLoach Scholarship and the Honors College Experience. In addition, some students choose our lab for their honors thesis, as noted below.*

*The Undergraduate Research Awards Program (URAP) was a competitive award for undergraduate students in the College of Public Health & Human Sciences.*

*The Undergraduate Research, Scholarship and the Arts (URSA Engage [formerly Undergraduate Research, Innovation, Scholarship & Creativity URISC]) is a competitive award for undergraduate students across all disciplines within OSU.*

<b><u>Student’s Name</u></b>	<b><u>Major</u></b>	<b><u>Additional Information</u></b>	<b><u>Mentoring Completion Date</u></b>
Briana Snisky		URSA Engage	2022 (anticipated)
Alia Mau	HDFS	URSA Engage	2022 (anticipated)
Arihana Wallace	KIN	URSA Engage	2022 (anticipated)
Brandon Kuske	KIN	URSA Engage	2022 (anticipated)
Emily Gallegos	KIN	URSA Engage	2022 (anticipated)
Erin Hall		URSA Engage	2022 (anticipated)
Krista Dorsing		URSA Engage	2022 (anticipated)
Riley Browning	KIN	Honors College	2023 (anticipated)
Catt Bales		URSA Engage	2024 (anticipated)
Evelyn Chan		URSA Engage	2021
Carly Cole		URSA Engage	2021
Britney Nguyen		URSA Engage	2021
Dakota Rundell	KIN	URSA Engage	2021
Kelsie Bryant	KIN	URSA Engage Honors College Thesis Chair	2023 (anticipated)
Austin Martin	Microbiology/ Honors	Honors College Committee member	2020
Anisa Nasse		OSU STEM Leaders Program is funded by NSF Award #1432810	2020
Gregory Heinonen	KIN	Honors College URAP (Winter & Spring 2016, 2017) Jason Seeley scholarship (2016/2017), DeLoach Scholarship Recipient (Winter & Spring 2017),	2019

		thesis advisor <b>MacDonald</b> , Honors College Hendricks Scholarship runner-up; Waldo-Cummings Outstanding Student Award (2017)	
Hannah Sheely	Bio Health/ Honors	Honors College Thesis Chair	2018
Aparna Govindan	BIO/ Honors	Honors College Thesis Committee member	2017
Sarah Jacobi	KIN/Int Programs	Honors College/ International programs committee member (thesis)	2016
Nicole Johnson	EXSS	URAP (Winter & Spring 2014) Honors College thesis advisor <b>MacDonald</b> (2016)	2016
Katrina Nussbaum	EXSS	Honors College thesis advisor <b>MacDonald</b>	2016
Haylee Winden	EXSS	URISC (Winter & Spring 2014)	2016
Allison Conger	EXSS	URAP (Winter & Spring 2015)	2015
Ayesha Khader	ENGR	Honors College–Honors College Experience Scholarship (Summer 2013–Spring 2014), thesis advisor, <b>MacDonald</b>	2015
Brittney Alves	BRR	BioResource Research student, undergraduate thesis committee member <b>MacDonald</b>	2014
Lisa Cowgill	EXSS	Honors College, thesis advisor <b>MacDonald</b>	2014
Erika Sawka	NUTR	Honors College, DeLoach Scholarship (Fall 2012–Spring 2013)	2013
Schyler Sprague	EXSS	URAP (Winter & Spring 2013)	2013
Maegan Childs	EXSS	URAP (Winter & Spring 2012), URISC (Fall 2012)	2012

## B2. Student Evaluation Summary

Oregon State University has a standard questionnaire to evaluate the instructor. On the “Student’s Evaluation of Teaching form,” the ratings are “very poor=1, poor=2, fair=3, good=4, very good=5 and excellent=6. These forms are completed anonymously online by the students. Reported below are the student answers to question 1 “the course as a whole was . . .,” and question 2 “the instructor’s contribution to the course was . . .”

<u>Course and Section Number</u>	<u>Term</u>	<u>Year</u>	<u>Number of Evaluations/ Enrollment</u>	<u>Q1 Median (Instructor/ College)</u>	<u>Q2 Median (Instructor/ College)</u>
KIN 549	OSU Winter	2021	0/10	N/A	N/A
KIN 444/544	OSU Fall	2020	13/~40	5.7/5.5	5.3/5.5
HHS 199	OSU Fall	2020	9/15	5.8/5.5	5.8/5.5
KIN 444	OSU Spring	2020	8/23	5.4/5.2	5.4/5.3
KIN 549	OSU Winter	2020	4/11	5.0/5.1	5.0/5.3
HHS 199	OSU Fall	2019	8/28	5.5/5.1	5.9/5.7
KIN 444/544	OSU Fall	2019	13/35	5.2/5.5	5.3/5.3
KIN 444/544	OSU Fall	2018	17/32	5.0/5.2	5.1/5.3
KIN 549	OSU Winter	2018	3/11	5.3/5.2	5.3/5.3
KIN 481	OSU Fall	2017	14/26	5.8/4.8	5.8/5.0
KIN 444/544	OSU Fall	2017	19/29	4.9/5.2	5.2/5.3
KIN 444	OSU Winter	2017	24/40	5.5/5.2	5.5/5.3
KIN 314	OSU Fall	2016	83/133	5.1/5.1	5.3/5.3
KIN 444/544	OSU Fall	2016	12/20	5.3/5.1	5.3/5.3
KIN 549	OSU Summer	2016	7/9	3.7/5.7	3.8/5.7
KIN 314	OSU Summer	2016	16/32	5.7/5.7	5.8/5.7
KIN 311	OSU Spring	2016	20/35	5.1/5.6	5.4/5.6
KIN 549	OSU Winter	2016	9/12	5.6/5.5	5.4/5.6
KIN 444	OSU Winter	2016	15/24	4.9/5.5	4.9/5.6
KIN 444/ 544-1	OSU Fall	2015	12/15	5.1/5.4	5.1/5.6
KIN 314-1	OSU Fall	2015	65/95	4.8/5.4	5.0/5.6
EXSS 314-1	OSU Summer	2015	17/33	5.2/5.6	5.3/5.7
EXSS 311-1	OSU Spring	2015	80/117	4.3/5.2	4.6/5.2
EXSS 314-1	OSU Spring	2015	46/61	5.3/5.5	5.5/5.6
EXSS 314-1	OSU Winter	2015	64/67	4.4/5.2	4.7/5.2
EXSS 314-1	OSU Fall	2014	56/71	4.8/5.4	5.0/5.5
EXSS 549-1	OSU Su	2014	5/8	5.0/5.7	4.5/5.7
EXSS 549-1	OSU Winter	2014	8/12	4.8/4.8	5.5/5.1
EXSS 444/544-1	OSU Fall	2013	38/48	4.3/4.8	4.5/5.1
EXSS 444-1	OSU Winter	2013	37/48	3.8/5.1	4.0/5.4
EXSS 549-1	OSU Fall	2012	12/15	3.5/5.3	3.5/5.4
EXSS 549-1	OSU Winter	2012	12/12	4.0/5.4	4.5/5.5



EXSS 444/544-1	OSU Fall	2011	38/40	4.8/5.2	4.9/5.4
----------------	----------	------	-------	---------	---------

### ***B3. Peer Teaching Evaluations***

*B4. Other Assignments*

**Position**

Kinesiology Undergraduate Program Coordinator

**Timeframe**

September 2016–December 2018

## C. 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.

### C1. Publications

Published Intellectual Contributions

#### C1.1 Refereed Journal Articles

51. 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.]
50. 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.]
49. 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.]
48. 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](#) [Senior author.]

47. 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.]
46. 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.]
45. 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.]
44. 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.]
43. 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.]
42. 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.]
41. 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.]
40. 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.]
39. 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.]
38. Ku, B.\*, Heinonen, G. A.\*\*\*, **MacDonald, M.**, & Hatfield, B. (2019). An inquiry into how parents of children with autism spectrum disorder interact with their children in a physical activity-based play setting. *Research in Developmental Disabilities*, 94. doi: 10.1016/j.ridd.2019.103494. PMID: [31520962](#). [Senior author.]

37. **MacDonald, M.**, & McIntyre, L. L. (2019). The relationship of age, early motor skills and observable child behaviors in young children with developmental delays. *Research in Developmental Disabilities*, 93. doi:10.1016/j.ridd.2019.103445. PMID: [31376505](#). [Lead author.]
36. Ku, B.\* , Stinson, J. D.\* , & **MacDonald, M.** (2019). Parental behavior comparisons between parents of children with autism spectrum disorder and parents of children without disabilities: A meta-analysis. *Journal of Child and Family Studies*, 28(6), 1445–1460. doi:10.1007/s10826-019-01412-w. [Senior author.]
35. Pangelinan, M., Norcross, M., **MacDonald, M.**, Rudisill, M., Wadsworth, & McDonald, J. (2018). Development, management, and evaluation of undergraduate experiential learning: Recommendations for best practices. *Kinesiology Review*, 7(4), 339–344. doi:10.1123/kr.2018-0044. [Contributing author.]
34. Gehris, J., Simpson, A.C.\* , Baert, H., Robinson, L.E., **MacDonald, M.**, Clements, R., Logan, S., & Schneider, S. (2018). Resource to share with parents: Helping your child develop physical literacy. *Journal of Physical Education, Recreation & Dance*, 89(6), 50–59. doi:10.1080/07303084.2018.1478559. [Contributing author.]
33. Becker, D.\* , McClelland, M., Geldhof, G.J., Gunter, K., & **MacDonald, M.** (2018). Open-skilled sport, sport intensity, executive function and academic achievement in grade school children. *Early Education and Development*, 29(7), 939–955. doi:10.1080/10409289.2018.1479079. [Contributing author.]
32. Hudson-Hanley, B.\* , Irvin, V., Flay, B., **MacDonald, M.**, Bellinger, D., & Kile, M. (2018). Prenatal Exposure to PBDEs & Neurodevelopment in Children  $\leq 7$  Years Old: A Systematic Review of Epidemiologic Literature & Meta-Analysis. *Current Epidemiology Reports*, 5(1), 46–59. doi:10.1007/s40471-018-0137-0. [Contributing author.]
31. Twardzik, E.\* , Smit, E., Hatfield, B., Odden, M., Dixon-Ibarra, A., & **MacDonald, M.** (2018). Limited access to special education services for school-aged children with developmental delay. *Research in Developmental Disabilities*, 72, 257–264. doi:10.1016/j.ridd.2017.12.008. PMID: [29227958](#). [Senior author.]
30. Ross, S.\* , Catena, M.\* , Twardzik, E.\* , Hospodar, C.\* , Cook, E.\*\* , Ayyagari, A.\*\* , Inskeep, K.\*\* , **MacDonald, M.**, & Logan, S. (2018). Feasibility of a modified ride-on car intervention on play behaviors during an inclusive playgroup. *Physical and Occupational Therapy in Pediatrics*, 38(5), 493–509. doi:10.1080/01942638.2017.1400491. PMID: [29236563](#). [Contributing author.]
29. **MacDonald, M.**, & Logan, S. W. (2017). Editorial: Health and children with disabilities. *Frontiers in Public Health*, 5(175). doi:10.3389/fpubh.2017.00175. PMID: [28770194](#). [Lead author.]

28. Tepfer, A.\*, Ross, S.\*, **MacDonald, M.**, Udell, M., Ruaux, C., & Baltzer, W. (2017). Family dog-assisted adapted physical activity: A case study. *Animals*, 7(5), 35. doi:10.3390/ani7050035. PMID: [28448430](#). [Major contributor.]
27. Lipscomb, S., McClelland, M., **MacDonald, M.**, Andersen, K., Cardenas, A.\*, & Kile, M. (2017). Cross-sectional study of social behaviors in preschool children and exposure to flame retardants. *Environmental Health*, 16, 23. doi:10.1186/s12940-017-0224-6. PMID: [28274271](#). [Contributing author.]
26. Twardzik, E.\*, **MacDonald, M.**, & Dixon-Ibarra, A. (2017). Odds of children aged birth through three enrolling in Part C services based on lead agency. *Journal of Early Intervention*, 39(3), 253–266. doi:10.1177/1053815117708999. [Senior author.]
25. **MacDonald, M.**, McIntyre, L. L., Ross, S.\*, & Tepfer, A.\* (2017). Relations of early motor skills on age and socialization, communication and daily living in young children with developmental disabilities. *Adapted Physical Activity Quarterly*, 34(2), 179–194. doi:10.1123/apaq.2016-0028. PMID: [28581333](#). [Lead author.]
24. Hauck, J., Jeong, I., Esposito, P., **MacDonald, M.**, Hornyak, J., Argento, A., & Ulrich, D. (2017). Benefits of learning to ride a two-wheeled bicycle for adolescents with Down Syndrome and Autism Spectrum Disorder. *Palestra*, 31(2), 35–41. [Contributing author.]
23. **MacDonald, M.**, Hatfield, B., & Twardzik, E.\* (2017). Child behaviors of young children with autism spectrum disorder across play settings. *Adapted Physical Activity Quarterly*, 34(1), 19–32. doi:10.1123/APAQ2016-0028. PMID: [28218869](#). [Lead author.]
22. Twardzik, E.\*, Cotto-Negron, C.\*, & **MacDonald, M.** (2017). Factors related to early intervention Part C enrollment: A systematic review. *Disability and Health Journal*, 10(2017), 467–474. doi:10.1016/j.dho.2017.01.009. PMID: [28187953](#). [Senior author.]
21. Logan, S., Lobo, M., Feldner, H., Schreiber, M., **MacDonald, M.**, Winden, H.\*\*\*, & Galloway, J. (2017). Power, up: Exploration and play in a novel modified ride-on car for standing. *Pediatric Physical Therapy*, 29(1), 30–37. doi:10.1097/PEP.0000000000000336. PMID: [27984464](#). [Contributing author.]
20. Dixon-Ibarra, A., Nery-Hurwit, M.\*, Driver, S., & **MacDonald, M.** (2017). Using a disability inclusion framework to develop and evaluate a pilot physical activity intervention for individuals with multiple sclerosis. *Evaluation and Program Planning*, 61, 96–105. doi:10.1016/j.evalprogplan.2016.12.004. [Contributing author.]
19. **MacDonald, M.**, Leichtman, J., Esposito, P., Cook, N.\*, & Ulrich, D. (2016). The participation patterns of youth with Down syndrome. *Frontiers in Public Health*, 4, 253. doi:10.3389/fpubh.2016.00253. PMID: [27891498](#). [Lead author.]
18. Logan, S., Ross, S.\*, Schreiber, M., Feldner, H., Lobo, M., Catena, M.\*, **MacDonald, M.**, & Galloway, J. (2016). Why we move: Social mobility behaviors of children non-disabled and

- disabled children across childcare contexts. *Frontiers in Public Health*, 4, 204. doi:10.3389/fpubh.2016.00204. PMID: [27709110](#). [Contributing author.]
17. Allen-Meares, P., MacDonald, M., & McGee, K. (2016). Autism spectrum disorder updates—relevant information for early interventionists. *Frontiers in Public Health*, 4, 236. doi:10.3389/fpubh.2016.00236. PMID: [27840812](#). [Major contributor.]
  16. **MacDonald, M.**, Lipscomb, S., McClelland, M., Duncan, R.\*, Becker, D.\*, Anderson, K., & Kile, M. (2016). Relations of preschoolers' visual motor and object manipulation skills with executive function and social behavior. *Research Quarterly for Exercise & Sport*, 87(4), 396–407. doi:10.1080/02701367.2016.12229862. PMID: [27732149](#). [Lead author.]
  15. Ross, S.\*, Bigouette, J. P.\*, & **MacDonald, M.** (2016). Effects of strength training on mobility in adults with cerebral palsy: A systematic review. *Disability & Health Journal*, 9(3), 375–384. doi:10.1016/j.dhjo.2016.04.005. PMID: [27286912](#). [Senior Author.]
  14. Kile, M., Scott, R., O'Connell, S., Lipscomb, S., **MacDonald, M.**, McClelland, M., & Anderson, K. (2016). Using silicone wristbands to evaluate preschool children's exposure to 41 flame retardants. *Environmental Research*, 147, 365–372. doi:10.1016/j.envres.2016.02034. PMID: [26945619](#). [Contributing author.]
  13. Rogers, K.\*, & **MacDonald, M.** (2015). Yoga and multiple sclerosis: An alternative therapy. *Journal of Alternative and Complementary Medicine*, 21(11), 655–659. doi:10.1089/acm.2015.0015. PMID: [26270955](#). [Senior author.]
  12. **MacDonald, M.**, Cook, N.\* & Ulrich, D. (2015). Teaching two-wheeled bicycle riding to children with autism at home using behavior modification strategies. *Palaestra*, 29(2), 24–29. [Lead author.]
  11. Tyler, K.\*, Cook, N.\*, & **MacDonald, M.** (2014). Physical activity and children with disabilities: Viable resources available for community health professionals. *Palaestra*, 28(4), 17–22. [Senior author.]
  10. Tyler, K.\*, **MacDonald, M.**, & Menear, K. (2014). Physical activity and physical fitness of school-aged children with autism spectrum disorder. *Autism Research & Treatment*, 2014, 6. doi:<http://dx.doi.org/10.1155/2014/312163>. PMID: [25309753](#). [Senior author.]
  9. **MacDonald, M.**, Lord, C., & Ulrich, D. (2014). Motor skills and calibrated autism severity in young children with autism spectrum disorder. *Adapted Physical Activity Quarterly*, 31(2), 95–105. doi:<http://dx.doi.org/10.1123/apaq.2013-0068>. PMID: [24762385](#). [Lead author.]
  8. **MacDonald, M.**, Lord, C., & Ulrich, D. (2013). The relationship of motor skills and adaptive behavior skills in young children with autism. *Research in Autism Spectrum Disorder*, 7(11), 1383–1390. doi:<http://dx.doi.org/10.1016/j.rasd.2013.07.020>. PMID: [25774214](#). [Lead author.]



7. **MacDonald, M.**, Lord, C., & Ulrich, D. (2013). The relationship of motor skills and social communicative skills in school-aged children with autism spectrum disorder. *Adapted Physical Activity Quarterly*, 30(3), 271–282. PMID: [23860508](#). [Lead author.]
6. Lloyd, M., **MacDonald, M.**, & Lord, C. (2013). Motor skills of toddlers with autism spectrum disorder. *Autism: International Journal of Research and Practice*, 17(1), 133–146. doi:10.1177/1362351311402230. [Major contributor.]
5. Staples, K., **MacDonald, M.**, & Zimmer, C.\*\*\* (2012). Assessment of motor behavior among children and adolescents with autism spectrum disorders. *International Review of Research in Developmental Disabilities*, 42, 179–214. doi:10.1016/B978-0-12-394284-5.00007-3. [Major contributor.]
4. Esposito, P., **MacDonald, M.**, Hornyak, J., & Ulrich, D. (2012). Physical activity patterns in youth with Down’s syndrome. *Intellectual & Developmental Disabilities*, 50(2), 109–119. doi:10.1352/1934-9556-50.2.109 PMID: [22642965](#). [Major contributor.]
3. **MacDonald, M.**, Esposito, P., Hauck, J., Jeong, I., Hornyak, J., Argento, A., & Ulrich, D. (2012). Bicycle training for youths with Down syndrome and autism spectrum disorder. *Focus on Autism and Other Developmental Disabilities*, 27(1), 12–21. doi:10.1177/1088357611428333. [Lead author.]
2. **MacDonald, M.**, Jaszewski, C., Esposito, P., & Ulrich, D. (2011). The effect of learning an age-appropriate motor behavior on the social development of youth with autism spectrum disorder. *Palaestra*, 25(4), 37-42. [Lead author.]
1. **MacDonald, M.**, Esposito, P., & Ulrich, D. (2011) Physical activity patterns in youth with Autism Spectrum Disorder. *BMC Research Notes*, 4(422). doi:10.1186/1756-0500-4-422. [Lead author.]

### ***CI.2 Published Refereed Abstracts***

14. Leung, C. W.\*, & **MacDonald, M.** (2015). Muscle strength training and time engaged in physical activities of children. *Research Quarterly for Exercise and Sport*, 86, A79. [Senior author.]
13. Tepfer, A. \*, **MacDonald, M.**, Tyler, K. \*, & Cook, N. \* (2015). Physical activity levels of children with disabilities. *Research Quarterly in Exercise and Sport*, 86(Suppl 2), S88. [Senior author.]
12. Tepfer, A. \*, Lipscomb, S., Kile, M., McClelland, M., & **MacDonald, M.** (2015). Motor skills and early academic achievement. *Research Quarterly in Exercise and Sport*, 86(Suppl 2), A103–A104. [Major contributor.]

11. Tyler, K.\*, & **MacDonald, M.** (2014). Physical fitness and autism spectrum disorder. *Medicine and Science in Sports and Exercise*, 46(5), 61. [Senior author.]
10. **MacDonald, M.** (2014). The active play patterns of young children with autism spectrum disorder. *Journal of Physical Activity & Health*, 11(Suppl 1), S169–S170. [Lead author.]
9. Hauck, J., Jeong, I., Esposito, P., Leung, C. W.\*, & **MacDonald, M.** (2015). Muscle strength training and time engaged in physical activities of children. *Research Quarterly for Exercise and Sport*, 86, A79. [Senior author.]
8. Tepfer, A.\*, **MacDonald, M.**, Tyler, K.\*, & Cook, N.\* (2015). Physical activity levels of children with disabilities. *Research Quarterly in Exercise and Sport*, 86(Suppl 2), S88. [Senior author.]
7. Tepfer, A.\*, Lipscomb, S., Kile, M., McClelland, M., & **MacDonald, M.** (2015). Motor skills and early academic achievement. *Research Quarterly in Exercise and Sport*, 86(Suppl 2), A103–A104. [Major contributor.]
6. Tyler, K.\*, & **MacDonald, M.** (2014). Physical fitness and autism spectrum disorder. *Medicine and Science in Sports and Exercise*, 46(5), 61. [Senior author.]
5. **MacDonald, M.** (2014). The active play patterns of young children with autism spectrum disorder. *Journal of Physical Activity & Health*, 11(Suppl 1), S169–S170. [Lead author.]
4. Hauck, J., Jeong, I., Esposito, P., **MacDonald, M.**, & Ulrich, D. (2014). Benefits of bicycle riding in adolescents with autism and Down syndrome. *Research Quarterly for Exercise & Sport*, 85, 68. [Contributing author.]
3. Pitchford, E.\*\*\*, **MacDonald, M.**, Hauck, J., & Ulrich, D. (2013). Activity participation among youth with autism spectrum disorders. *Research Quarterly for Exercise & Sport*, 84, A91–A92. [Contributing author.]
2. **MacDonald, M.**, & Ulrich, D. (2011). Do motor skills impact social success in children with autism? *Research Quarterly for Exercise and Sport*, 82(1), A73–A74. [Lead author.]
1. **MacDonald, M.**, & Kruisselbrink, D. (2006). The pursuit of expertise: factors that influence the withdrawal or continuance of athletes pursuing excellence. *Journal of Sport & Exercise Psychology*, 28, S124–S125. [Lead author.]

### ***C1.3 Book Chapters***

4. Sung, M.C.\* & **MacDonald, M.** (Invited [accepted]). 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.]

### ***Published Non-Refereed Contributions***

#### ***C1.4 Applied Research/ Educational Reports***

3. Twardzik, E.\*, & **MacDonald, M.** (2016). *Transitions from early intervention/ early childhood special education to school-based education for children diagnosed with developmental delay: Oregon Department of Education (ODE) report*. Report submitted to the Oregon Department of Education Special Education Department. [Senior author.]
2. Twardzik, E.\*, & **MacDonald, M.** (2016). *Ensuring enrollment into Part C programs*. Report submitted to the Oregon School Readiness Consortium intended for policy-makers at the Oregon Department of Education. [Senior author.]
1. Arnhold, R., Jackson, D., **MacDonald, M.**, Taliaferro, A., Tymeson, G., Weiner, B., & Alexander, C. (2016). *Providing community-based PE services for students with disabilities in special education transition programs*. [Guidance document]. Society of Health and Physical Educators (SHAPE America). [Contributing author.]

#### ***C1.5 Book/ Media Reviews***

1. **MacDonald, M.**, & Wegis, H. (2016). Review of Exercise Buddy: A visual exercise system. *Adapted Physical Activity Quarterly*, 33(2), 205–206. doi:10.1123/APAQ.2015-0133. [Lead author.]

#### ***C1.6 Papers under Review at Refereed Journals***

2. Leung, W.\*, Sung, M. C.\*, Fiscella, N.\*, McCarty, K.\*, & **MacDonald, M.** (Submitted). The effects of exergaming on physical activity outcomes in people with disabilities: A meta-analysis. *Adapted Physical Activity Quarterly*. [Senior author.]

1. McCarty, K.\*, & **MacDonald, M.** (Submitted). Equity in intercollegiate sports: Student athletes with disabilities. *Adapted Physical Activity Quarterly*. [Senior author.]

### ***C1.7 Papers in Progress***

2. McCarty, K.\*, Townsend, J., & MacDonald, M. Intercollegiate sports and the need for disability equity. *Palestra*. [Senior author]
1. Tepfer, A.\*, Sung, M.C.\* & **MacDonald, M.** Motor skills and early academic achievement relations in at-risk preschoolers. [Senior author.]

### ***C1.8 Media (Podcasts, Webcasts & OpEds)***

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](#).

## ***C2. Professional Meetings, Symposia, and Conferences***

### ***C2.1 National & International Presentations***

Note: Paper presentations resulting in published abstracts are *only* listed under published abstracts.

69. 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.
68. 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.
67. 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.
66. 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 5<sup>th</sup> Assembly of the International Motor Development Research Consortium, Virtual.
65. 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.
64. 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.
63. **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.
62. **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.
61. 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.

60. McCarty, K.\*, Thomas, J., & **MacDonald, M.** (November, 2019). *Decolonizing kinesiology curriculum in higher education: Reimagining “special populations.”* Paper submitted to the North American Society for the Sociology of Sport Conference. Virginia Beach, VA.
59. Hudson-Hanley, B.\*, Irvin, V., Flay, B., **MacDonald, M.**, & Kile, M. (June, 2019). *Prenatal PBDE exposure and neurodevelopment effects in children <7 years: A systematic review and meta-analysis.* Paper presented at the Society of Pediatric and Perinatal Epidemiologic Research. Minneapolis, MN.
58. **MacDonald, M.**, Udell, M.A.R, Schuna, J., & Jiang, D. (March 2019). *Physical activity and social wellbeing benefits for children with developmental disabilities and their family dog.* Paper submitted to the Society for Research in Child Development (SRCD) Biennial Meeting. Baltimore, MD.
57. McCarty, K.\*, & **MacDonald, M.** (February, 2019). Efforts towards a Title IX-mirroring policy for collegiate students with disabilities. Paper presented at the Symposium on Disability Rights. Birmingham, AB.
56. Simpson, A. C.\*, & **MacDonald, M.** (October, 2018). *Parental perceptions of a family dog-assisted physical activity program for their children with developmental disabilities.* Paper presented at the North American Federation of Adapted Physical Activity (NAFAPA), Corvallis, OR.
55. Stinson, J.\*, & **MacDonald, M.** (October, 2018). *The relationship of motor skills and challenging behaviours in young children with developmental disabilities.* Paper presented at the North American Federation of Adapted Physical Activity (NAFAPA), Corvallis, OR.
54. Sung, M. C.\*, & **MacDonald, M.** (October, 2018). *Effects of open–and closed-skill exercise interventions on motor skills and executive function of children with autism spectrum disorder.* Paper presented at the North American Federation of Adapted Physical Activity (NAFAPA), Corvallis, OR.
53. Ku, B.\*, & **MacDonald, M.** (October, 2018). *The effect of parents on physical activity of children with developmental disabilities.* Paper presented at the North American Federation of Adapted Physical Activity (NAFAPA), Corvallis, OR.
52. Ku, B.\*, & **MacDonald, M.** (October, 2018). *Parental behavior comparisons between parents of children with ASD and parents of children without ASD: A meta-analysis.* Paper presented at the North American Federation of Adapted Physical Activity (NAFAPA), Corvallis, OR.
51. Simpson, A. C.\*, & **MacDonald, M.** (March, 2018). *Parental perceptions of a dog-assisted physical activity intervention for children with developmental disabilities.* Paper presented at the Society for Health and Physical Educators (SHAPE) America Annual meeting, Nashville, TN.

50. Ku, B.\*, & **MacDonald, M.** (June, 2018). *Differences in parental behaviors of parents of young children with and without ASD in two different play settings*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA), Denver, CO.
49. Heinonen, G.\*\*\*, & **MacDonald, M.** (2018, November). *Examining the relationship between parent and child health in young children with developmental disabilities*. Paper accepted to the American Public Health Association Annual Meeting. San Diego, CA.
48. **MacDonald, M.**, & Norcross, M. (2018, January). *Learning by doing—(For Us and Them): Creating and managing an undergraduate experiential learning requirement at Oregon State University*. Paper presented at the American Kinesiology Association 2018 Leadership Workshop. Denver, CO.
47. Kile, M., Lipscomb, S., **MacDonald, M.**, McClelland, M., Scott, R., O’Connell, S., & Anderson, K. (2017, April). *Social behaviors in preschool children and exposure to flame retardants*. Paper presented at the Children’s Environmental Health Translational Research Conference (CEHN). Arlington, VA.
46. Dixon-Ibarra, A., Yun, J., Krahn, G., **MacDonald, M.**, Hunt, M., & Cappetty, J. (2017, November). *Training for life: Evaluation of the Special Olympics Oregon Team Wellness Program*. Paper submitted to the American Public Health Association Annual Meeting. Atlanta, GA.
45. Ku, B.\*, Heinonen, G.\*\*\*, Hatfield, B., & **MacDonald, M.** (2017, June). *An inquiry into how parents of children with autism spectrum disorder interact with their children in a physical activity-based play setting*. Paper to be presented at the 21<sup>st</sup> International Symposium of Adapted Physical Activity (ISAPA). Daegu, South Korea.
44. Ross, S.\*, Hatfield, B., Catena, M.\*, **MacDonald, M.**, Cook, E.\*\*\*, & Logan, S. (2017, April). *Play! Effect of an inclusive playgroup intervention with powered mobility devices on toddlers’ social interactions*. Paper to be presented at the Society for Research in Child Development (SRCD) Biennial Meeting. Austin, TX.
43. **MacDonald, M.**, McIntyre, L. L., & Heinonen, G. A.\*\* (2017, June). *Relations of parent/caregiver weight and child weight status in a sample of young children with developmental delay*. Paper submitted to the American Association on Intellectual and Developmental Disabilities Annual Conference. Hartford, CT.
42. Twardzik, E.\*, **MacDonald, M.**, Smit, E., & Odden, M. (2016, October). *Young children and infants diagnosed with developmental delay transitioning into school based service programs: A secondary data analysis*. Paper to be presented at the American Public Health Association 2016 Annual Meeting. Denver, CO.
41. Ross, S.\*, Logan, S., Catena, M.\*, Feldner, H., Schreiber, M., **MacDonald, M.**, & Galloway, J. (2016, September). *Social mobility behaviors of children with and without disabilities*



*across contexts*. Paper presented at the North America Federation of Adapted Physical Activity Annual Meeting. Edmonton, AB.

40. Schenkelberg, M.\*\*\*, Menear, K., **MacDonald, M.**, & Bremer, E.\*\*\* (2016, September). *Salient research questions related to physical activity and autism spectrum disorder*. Paper presented at the North American Federation of Adapted Physical Activity Annual Meeting. Edmonton, AB.
39. Kile, M., Lipscomb, S., **MacDonald, M.**, McClelland, M., Scott, R., O'Connell, S., & Anderson, K. (2016, October). *Assessing preschool children's exposure to flame retardants using silicon wristbands, and links with teacher-rated social behaviors*. Paper presented at the International Society of Exposure Science (ISES) 2016 Annual Meeting, Utrecht, Netherlands.
38. Twardzik, E.\* **MacDonald, M.**, & Dixon-Ibarra, A. (2016, July). *Children with developmental delay missing out on adapted physical education services when transitioning into school*. Paper to be presented at the National Consortium for Physical Education for Individuals with Disabilities 2016 annual meeting. Washington, D.C.
37. Twardzik, E.\* , Cotto-Negron, C.\* , & **MacDonald, M.** (2015, July). *How state system administration impacts enrollment in early intervention services*. Paper presented at the National Consortium for Physical Education for Individuals with Disabilities, Washington, D.C.
36. Ross, S.\* , Tepfer, A.\* , Baltzer, W., Udell, M., **MacDonald, M.** (2015, June). *Effects of an adapted animal assisted intervention on physical activity and quality of life for children with mobility disabilities*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA), Portland, OR.
35. Tepfer, A.\* , Baltzer, W., Udell, M., & **MacDonald, M.** (2014, October). *Dog ownership and physical activity for children with cerebral palsy*. Paper presented at the National Federation of Adapted Physical Activity (NAFAPA), Ann Arbor, MI.
34. Tepfer, A.\* , Kile, M., Lipscomb, S., McClelland, M., & **MacDonald, M.** (2014, October). *Motor skill proficiency and school readiness in at-risk preschool children*. Paper presented at the National Federation of Adapted Physical Activity (NAFAPA), Ann Arbor, MI.
33. Tyler, K.\* , Menear, K., & **MacDonald, M.** (2014, October). *The physical fitness & physical activity of children with autism spectrum disorders*. Paper presented at the National Federation of Adapted Physical Activity (NAFAPA), Ann Arbor, MI.
32. Irwin, J.\* , **MacDonald, M.**, & Robinson, L. (2014, October). *Divergence: Acquisition of motor development milestones as early indicators of autism spectrum disorder*. Paper presented at the National Federation of Adapted Physical Activity (NAFAPA), Ann Arbor, MI.



31. Driver, S., & **MacDonald, M.** (2014, July). *Adapted Physical Activity and Public Health Issues*. Paper presented at the National Consortium for Physical Education for Individuals with Disabilities (NCPEID), Washington, D.C.
30. Shapiro, D., & **MacDonald, M.** (2014, July). *Teaching practices in adapted physical Education*. Paper presented at the National Consortium for Physical Education for Individuals with Disabilities (NCPEID), Washington, D.C.
29. **MacDonald, M.**, & Tepfer, A.\* (2013, July). *A movement-based early intervention for young children with autism: A randomized control trial*. Paper presented at the International Symposium on Adapted Physical Activity (ISAPA), Istanbul, Turkey.
28. Cook, N.\*, & **MacDonald, M.** (2013, July). *Fitness & school-aged children with autism spectrum disorder*. Paper presented at the International Symposium on Adapted Physical Activity (ISAPA), Istanbul, Turkey.
27. Tepfer, A.\*, & **MacDonald, M.** (2013, July). *Fundamental motor skill development & physical activity of children with autism*. Paper presented at the International Symposium on Adapted Physical Activity, Istanbul, Turkey.
26. **MacDonald, M.** (2013, July). *Early intervention & adapted physical activity*. Paper presented at the National Consortium for Physical Education for Individuals with Disabilities (NCPEID), Washington, D.C.
25. Tepfer, A.\*, & **MacDonald, M.** (2013, July). *Motor skill performance & school readiness*. Paper presented at the National Consortium for Physical Education for Individuals with Disabilities (NCPEID), Washington, D.C.
24. Driver, S., & **MacDonald, M.** (2013, July). *Adapted physical activity research can address public health issues*. Paper presented at the National Consortium for Physical Education for Individuals with Disabilities, Washington, D.C.
23. Zimmer, C.\*\*\*, **MacDonald, M.**, & Staples, K. (2012, October). *Choosing movement assessments for children with developmental disorders*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Birmingham, AL.
22. Irwin, J.\*, & **MacDonald, M.** (2012, October). *Motor & social development: Differences between children with and without autism*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Birmingham, AL.
21. Tepfer, A.\*, & **MacDonald, M.** (2012, October). *Physical activity and self-regulation in young children: Is physical activity a key player in school readiness?* Paper presented at the North American Federation of Adapted Physical Activity Symposium, Birmingham, AL.

20. Tepfer, A.\*, & **MacDonald, M.** (2012, October). *Standardized assessments vs. natural setting observations among children with ASD*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Birmingham, AL.
19. Tyler, K.\*, Penry, J., & **MacDonald, M.** (2012, October). *The physical fitness of school-aged children with autism*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Birmingham, AL.
18. Morgan, J.\*, & **MacDonald, M.** (2012, October). *The role of motor skills in the physical activity behaviors of children with autism*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Birmingham, AL.
17. **MacDonald, M.** (2012, July). *Recent autism updates and the role of adapted physical education*. Paper presented at the National Consortium for Physical Education and Recreation for Individuals with Disabilities, Washington, DC.
16. **MacDonald, M.**, & Yun, J. *Creating, disseminating and teaching evidence-based practice: Movement studies in disability at Oregon State University*. Paper presented at the Office of Special Education Project Directors Meeting, Washington, D.C.
15. **MacDonald, M.** (2012, May). *The relationship of motor skills & social skills in young children with autism*. Paper presented at the International Meeting For Autism Research, Toronto, ON.
14. **MacDonald, M.**, Ulrich, D., & Esposito, P. (2011, July). *The relationship of motor skills on severity in young children with autism spectrum disorder*. Paper presented at the 18th International Symposium of Adapted Physical Activity, Paris, France.
13. Columbi, C., Carr, T., **MacDonald, M.**, & Lord, C. *Developing a measure of treatment outcome: The autism diagnostic observation schedule-change*. Paper presented at the Society for Research in Child Development Biennial Meeting, Montreal, PQ.
12. Carr, T., Costanza, C., **MacDonald, M.**, & Lord, C. *Measuring response to intervention with the autism diagnostic observation schedule-change*. Paper presented at the Society for Research in Child Development Biennial Meeting, Montreal, PQ.
11. **MacDonald, M.**, Esposito, P., Hauck, J., Jeong, I., Ketcheson, L., & Ulrich, D. (2010, November). *The Physical activity patterns of youth with ASD*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Riverside, CA.
10. **MacDonald, M.**, & Ulrich, D. (2010, November). *The relationship of motor skills in the early social communication of young children with ASD*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Riverside, CA.

9. **MacDonald, M., & Ulrich, D.** (2010, March). *Teaching youth with Down syndrome & autism spectrum disorder to ride a bicycle*. Paper presented at the 124th American Alliance for Health, Physical Education, Recreation & Dance Convention & Exposition, Indianapolis, IN.
8. **MacDonald, M., & Ulrich, D.** (2010, March). *Physical activity patterns of children with Down syndrome*. Paper presented at the 3rd International Congress on Physical Activity and Public Health, Toronto, ON, Canada.
7. **MacDonald, M., & Ulrich, D.** (2010, March). *The physical activity patterns of children with Down syndrome during school*. Paper presented at the American Alliance for Health, Physical Education, Recreation & Dance Convention & Exposition, Indianapolis, IN.
6. Esposito, P., Ulrich, D. A., **MacDonald, M.**, & Hauck, J. (2009, June). *Factors predicting bicycle riding success in youth with Down syndrome and autism spectrum disorders*. Paper presented at the 17th International Symposium of Adapted Physical Activity, Gavel, Sweden.
5. **MacDonald, M.**, Ulrich, D. A., Esposito, P., & Jeong, I. (2009, June). *The effects of learning to ride a two-wheel bicycle in youth with Down syndrome and autism spectrum disorder*. Paper presented at the 17th International Symposium of Adapted Physical Activity, Gavel, Sweden.
4. **MacDonald, M., & Ulrich, D.** (2009, May). *The effects of learning to ride a two-wheel bicycle in children with autism spectrum disorder*. Paper presented at the International Meeting for Autism Research, Chicago, IL.
3. **MacDonald, M., & Ulrich, D. A.** (2008, September). *An exploratory study on the community participation trends in youth with Down syndrome*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Indianapolis, IN.
2. Hauck, J., **MacDonald, M.**, Jeong, I., Kang, Y., Esposito, P., & Ulrich, D. A. (2008, September). *Can we teach youth with Down syndrome & autism to ride a two wheel bicycle?* Paper presented at the North American Federation of Adapted Physical Activity Symposium, Indianapolis, IN.
1. **MacDonald, M., & Seaman, R.** (2006, October). *Community-based programming: A qualitative look at organizational culture in an adapted physical activity program*. Paper presented at the North American Federation of Adapted Physical Activity Symposium, Ann Arbor, MI.

### ***C2.2 State & Local Presentation***

28. Simpson, A. C.\*, Stinson, J.\*, Sung, M. C.\*, & **MacDonald, M.** (May, 2019). *Tots can do lots: Integrating physical literacy into all children's daily activities*. Paper submitted to the Oregon Parenting Education Conference, Corvallis, OR.

27. McCarty, K.\*, Domingo, A., Cottingham, M., & **MacDonald, M.** (March, 2018). *Access to competitive sport and physical activity opportunities for collegiate students with physical disabilities*. Paper presented at the Oregon Academy of Science Annual Meeting, Portland, OR.
26. Simpson, A. C.\*, & **MacDonald, M.** (November, 2018). *Social skill activities for the inclusive PE setting*. Paper presented at the National Adapted Physical Educators Conference, Sacramento, CA.
25. Ku, B.\*, Stinson, J.\*, & **MacDonald, M.** (May, 2018). *Parental behavior comparisons between parents of children with ASD and parents of children without ASD: A meta-analysis*. Paper presented at the 2018 Oregon Parenting Educators Conference, Corvallis, OR.
24. Heinonen, G.\*\*\*, & **MacDonald, M.** (2017, May). *Examining the relationship between parent and child health in young children with developmental disabilities*. Paper presented at the 2017 Celebration of Undergraduate Excellence, Corvallis, OR.
23. Heinonen, G.\*\*\*, & **MacDonald, M.** (2017, April). *Relations of parent and child weight in families with young children with developmental disabilities*. Paper to be presented at the 2017 Stanford Research Conference, Stanford, CA.
22. Tyler, K.\*, & **MacDonald, M.** (2017, March). *Relations between physical fitness and school-day physical activity in children with autism spectrum disorder*. Paper presented at the 2017 Ruth K. Palmer Research Symposium. Maywood, IL.
21. Davidson, J.\*, & **MacDonald, M.** (2017, February). *How to adapt, modify, and assess students with disabilities on Standard 1*. Presentation for the council for children's expanded physical education (CCEPE), Beaverton, OR.
20. Simpson, A.\*, & **MacDonald, M.** (2017, February). *Rainy day games (with minimal equipment needs) for physical educators*. Presentation for the council for children's expanded physical education (CCEPE), Beaverton, OR.
19. Simpson, A.\*, & **MacDonald, M.** (2017, February). *Effective instruction and task analysis*. Presentation for the council for children's expanded physical education (CCEPE), Beaverton, OR.
18. Kile, M., Lipscomb, S., **MacDonald, M.**, McClelland, M., Scoot, R., O'Connell, S., & Anderson, K. (2017, January). *Assessing preschool children's exposure to flame retardants using silicone wristbands and links with teacher-rated social behaviors*. Paper presented at the Annual Conference on Environmental, Occupational, and Population Health, Semiahmoo, WA.
17. Nussbaum, K.\*\*\*, & **MacDonald, M.** (2016, May). *Comparison of behaviors of children with autism spectrum disorder in different play settings*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.

16. Heinonen, G.\*\* , Ku, B.\* , Twardzik, E.\* , & **MacDonald, M.** (2016, May). *Examining the quality of parent interaction with children with autism spectrum disorder in distinctly different play environments*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
15. Conger, A.\*\* , Ross, S.\* , & **MacDonald, M.** (2015, May). *Examining the influence of social behavior on motor skills during physical activity in children with physical disabilities*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
14. Twardzik, E.\* , Cotto-Negron, C.\* , & **MacDonald, M.** (2014, November). *The relationship between state lead agency and odds of enrollment for children aged birth through three in early intervention services*. Paper presented at the Oregon Public Health Association Annual Meeting, Corvallis, OR.
13. Winden, H.\*\* , Tepfer, A.\* , Ross, S.\* , Baltzer, W., & **MacDonald, M.** (2015, May). *Effect of physical activity with the family dog on gross motor skills of children with cerebral palsy*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
12. Johnson, N.\*\* , Tepfer, A.\* , Wendy Baltzer, & **MacDonald, M.** (2014, May). *Animal assisted physical activity for children with cerebral palsy*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
11. Rohlman, D., Kincl, L., Kile, M. Frey, G., Lipscomb, S., **MacDonald, M.**, McClelland, M., & Anderson, K. (2014, April). *Reporting community-based participatory research to communities*. Paper presented at the Northwest Environmental Health Conference, Portland, OR.
10. Przybyla, J.\* , **MacDonald, M.**, McClelland, M., Lipscomb, S., Anderson, K., & Kile, M. (2014, April). *Detection of 41 flame retardants in a pacific northwest sample of preschool aged children*. Paper presented at the Northwest Environmental Health Conference, Portland, OR.
9. Irwin, J. M.\* , **MacDonald, M.**, Tepfer, A.\* , & Robinson, L. (2014, February). *An investigation of motor and social skills in children with and without autism spectrum disorder*. Paper presented at the Southeast American College of Sport Medicine Conference, Greenville, SC.
8. Tyler, K.\* , Cook, N.\* , Anthony, K.\* , & **MacDonald, M.** (2013, November). *Physical activity in children with autism*. Paper presented at the Oregon Public Health Association Annual Meeting, Corvallis, OR.
7. Kiley, T.\* , Cook, N.\* , Siebert, E.\* , & **MacDonald, M.** (2013, October). *Physical fitness, peer tutoring, and an iPad? Tools to educate students with autism*. Paper presented at the Oregon After School Health Conference, Salem, Oregon.

6. Paradis, O.\*\*\*, & **MacDonald, M.** (2013, May). *Motor skills and young children with autism*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
5. Sprague, S.\*\*\*, Kile, M., Lipscomb, S., McClelland, M., & **MacDonald, M.** (2013, May). *Socioeconomic status and motor skills in preschool aged children*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
4. Cook, N.\*, Tyler, K.\*, & **MacDonald, M.** (2013, April). *Autism and physical fitness-based programming*. Paper presented at the Priester National Health Conference, Corvallis, OR.
3. Tyler, K.\*, & **MacDonald, M.** (2013, April). *IMPACT 4 LIFE: An extension of Oregon State University's IMPACT program*. Paper presented at the Priester National Health Conference, Corvallis, OR.
2. Childs, M.\*\*\*, & **MacDonald, M.** (2012, May). *Motor intervention for young children with autism spectrum disorder (ASD)*. Paper presented at the OSU Celebration of Undergraduate Excellence, Corvallis, OR.
1. Irwin, J.\*, & **MacDonald, M.** (2012, January). *Physical activity in preschoolers with autism spectrum disorders: the use of snug play* ®. Paper presented at the Oregon Academy of Science, Portland, OR.

### ***C2.3 Invited Presentations***

Keynote denoted through underline

25. 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.
24. 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).
23. **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.
22. **MacDonald, M.** (2021, June 14). *Panel Contribution: Global examples promoting the right to education through adapted and inclusive physical education for children experiencing disabilities*. 14<sup>th</sup> Conference of States Parties to the Convention on the Rights of Persons with Disabilities – COSP14. (Virtual) Headquarters New York, NY.
21. **MacDonald, M.** (2019, January 24). *The important role of motor skill development and physical activity behavior for children with ASD and other developmental disabilities*. Presentation for the Kinesiology Department, Acadia University, Wolfville, NS.

20. **MacDonald, M.**, & McIntyre, L. L. (2018, October). *The importance of good physical health and its relationship with behavioral health in young children with developmental disabilities*. Paper presented at the Child Care and Education Researchers Roundtable. Troutdale, OR.
19. Udell, M.A.R., Wanser, S., Simpson, C. A., & **MacDonald, M.** (2018, April). *DAID training: Dogs as active partners in animal-assisted intervention programs*. Presentation for the Canine Science Symposium SPCA, San Francisco, CA.
18. **MacDonald, M.** (2018, March 28). *The important role of motor skill development and physical activity behavior for individuals with developmental disabilities*. Presentation for the OHSU ORCA monthly seminar series, Portland, OR.
17. **MacDonald, M.** (2018, February 23). *Do as I do: Physical activity for adolescents with disabilities using the family dog*. Presentation for the North West American College of Sport Medicine Annual Meeting, Bend, OR.
16. Twardzik, E.\*, & **MacDonald, M.** (2017, October). *Limited access to special education services*. Paper presented at the Child Care and Education Researchers Roundtable. Troutdale, OR.
15. **MacDonald, M.** (2016, May 31). *Physical activity disparity*. Presentation for the Ableism and Disability Diversity Conference at Pacific University, Hillsboro, OR.
14. **MacDonald, M.** (2016, May 31). *Panel contribution an adapted physical activity perspective*. Panel-based presentation for the Ableism and Disability Diversity Conference at Pacific University, Hillsboro, OR.
13. **MacDonald, M.**, & Wegis, H. (2016, May 23). *How to be inclusive K-12*. Presentation for physical educators and adapted physical educators of the Portland Public Schools, Portland, OR.
12. **MacDonald, M.**, & Wegis, H. (2016, April 25). *Inclusive practices 101*. Presentation for physical educators and adapted physical educators of the Portland Public Schools, Portland, OR.
11. **MacDonald, M.** (2016, February 27). *Peer fitness modeling using technology for students with ASD and other developmental disabilities*. Presentation for the Council for Children's Expanded Physical Education (CCEPE), Beaverton, OR.
10. **MacDonald, M. (Keynote)**. (2015, October 10). *The shape of disability in our schools*. Keynote presentation for the Oregon School Health & Physical Education Association (OSHAPE), Forest Grove, OR.

9. **MacDonald, M.** (2015, April 18). *Beyond function: The critical role of a physical therapist in early intervention for young children with ASD*. Presentation for the Oregon Physical Therapy Association Annual Meeting, Portland, OR.
8. **MacDonald, M.** (2015, January 29). *The shape of autism in Oregon & beyond*. Keynote presentation for the Silver Falls Annual Kinesiology Meeting for the State of Oregon, Silver Falls, OR.
7. **MacDonald, M.** (2014, November 10). *I learned to ride a two-wheeled bike. So what? Physical activity and children with autism spectrum disorder*. Presentation for Science Pub Oregon State University, Corvallis, OR.
6. Baltzer, W., **MacDonald, M.**, & Udell, M. (2014, October 24). *Animal assisted adapted physical activity for children with mobility disabilities*. Presentation for the CPHHS Seminar Series at Oregon State University, Corvallis OR.
5. **MacDonald, M.** (2014, October 4). *Adapted physical education for children with ASD*. Presentation for the Oregon School Health & Physical Education Association (OSHAPE) Annual Meeting, Portland, OR.
4. **MacDonald, M.** (2014, July 14). *The benefits of a physically active lifestyle for children with autism spectrum disorder*. Presentation for Science Pub Oregon State University–Cascades, Oregon State University–Cascades, Bend, OR.
3. **MacDonald, M.** (2014, April 2). *The status of motor skills and physical activity in children with autism spectrum disorder*. Presentation for the Development, Emotion, Ecology & Psychopathology (DEEP) Seminar Series, University of Oregon, Eugene, OR.
2. **MacDonald, M.** (2014, January 10). *Physical activity and children with disabilities*. Presentation for the Oregon State University Psychology Colloquium, Oregon State University, Corvallis, OR.
1. **MacDonald, M.** (2012, November 2). *Autism and the importance of adapted physical activity*. Presentation for the CPHHS Seminar Series, Oregon State University, Corvallis OR.

#### ***C2.4 Editorial Contributions***

4. **MacDonald, M.** (2021). Raising our public voice (guest essay/ editorial). *Paleastra*. 35(3).
3. Editorial Board, *Adapted Physical Activity Quarterly (APAQ)*. (June 2017–present)
2. Guest Editor, *Health & Children with Disabilities, Frontiers in Public Health*, section *Child Health & Human Development*. (September 2015–June 2017)
1. Editorial Contributor, *Adapted Physical Activity Digest*. (January 2014–June 2017)



### ***C2.5 Continuing Education & Development***

*Within this section, only meetings where work was not presented have been included (e.g., other meetings that were attended were captured within presentations).*

<b><u>Event</u></b>	<b><u>Timeframe</u></b>
14-day Writing Challenge, National Center for Faculty Development & Diversity (Virtual participation)	June 15–6, 2020
Unleash Surf Retreat Work/ Surf, Haunchaco, Peru	April 2019
Oregon School Readiness Researchers Roundtable, Troutdale, OR	October 21, 2016
Search Committee Advocate Training Workshop, Oregon State University, Corvallis, ORa.	February 2 & April 9, 2015
Pre-workshop, American Kinesiology Association (AKA), Charlotte, NC	January 23–4, 2015
Workshop, American Kinesiology Association (AKA), Charlotte, NC	January 24–6, 2015
CPHHS Grant Writing Workshop, CPHHS, Corvallis, OR	March 2013–Fall 2014
Office of Special Education Program Project Directors Conference, Department of Education, Washington, DC.	July 15–7, 2013
Hybrid Faculty Learning Community Course, Oregon State University, Corvallis, OR.	September–December 2012
American Public Health Association Annual Meeting, American Public Health Association, San Francisco, CA.	October 27–31, 2012
CPHHS Grant Writing Workshop, CPHHS, Corvallis, OR.	April–August 2012
OSU-Media Training, Oregon State University, Corvallis, OR	November 16, 2011
Autism Diagnostic Observation Schedule Research Training, University of Michigan Autism & Communicative Disorders Center, Ann Arbor, MI	November 10- –12, 2010

### **C3. Contracts, Grants and Sponsored Research**

#### **C3.1 Research/ Training Support: Current (Total: ~ \$11 million)**

09/01/2022- 08/31/2024

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

07/01/2022- 06/30/2023

John C. Erkkila, M.D. Endowment for Health and Human Performance (~\$20, 000)

Xiangyou Shen (PI)

#### **Playful Parents: The Development and Empirical Evaluation of a Play Intervention Program to Enhance Playfulness for Parents of Children with Disabilities**

*This pilot research project will evaluate a novel theoretically based playfulness training program for parents of children with disabilities.*

Role: Co-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 Environment Health (ASP<sup>3</sup>IRE)**

*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

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

05/2019–01/2023 (No cost extension [2 years])

HAB18-027 Human Animal Bond Research Institute (\$45,026)

MacDonald, Megan; Udell, Monique (MPI)

**Joint Physical Activity and Social Wellbeing for Adolescents and Their Family Dog**

*This research project is evaluating the human-animal bond of a novel physical activity intervention for adolescents and their family dog through a small randomized control trial.*

Role: Principal Investigator

01/2019–12/2024

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

***C3.2 Research & Training/ Continuing Education Support: Pending/ In Preparation***

N/A

***C3.3 Research Support: Completed***

09/2016–08/2022 (no cost extension granted [1-year])

H325D160023 US Dept. of Education, Office of Special Education (\$1,200,000)

MacDonald, Megan (PD)

**Training Leadership Personnel**

*This leadership training grant will train doctoral level students (future faculty) to take on faculty leadership roles in Adapted Physical Education throughout the granting period.*

Role: Project Director (as of 9/19; formerly Co-Investigator)

09/2018–06/2022

75631 Robert Wood Johnson Foundation (\$120,000)

MacDonald, Megan (PI)

**McCarty Fellowship – Health Policy Research Scholars Program**

*This fellowship was awarded to my graduate student Kathy McCarty as a part of the RWJF Health Policy Research Scholars Program.*

Role: Principal Investigator

07/2020–06/2021 (2022 with No Cost Extension)

Hallie E. Ford Center Team Science Seed Grant (\$12,000)

Shen, Xiangyou (PI)

**Play to IMPACT: Developing the Playful State Scale for Children and Investigating the Effect of Playful Engagement in an Adapted Physical Activity Intervention Program**

*This project will develop and evaluate a playful state scale for children with and without disabilities.*

Role: Co-Investigator

06/2018–06/2020 (06/2021 with no cost extension)

2018-2869 John C. Erkkila, M.D. Endowment for Health (\$18,000)

MacDonald, Megan; Udell, Monique (MPI)

**Physical Activity and Social Well-being for Adolescents and Their Family Dog**

*This research project is evaluating the physical activity of adolescents in a novel physical activity intervention for adolescents and their family dog through a small randomized control trial.*

Role: Principal Investigator

04/2017–03/2019 (03/2020 with no cost extension)

R21HD091895 NICHD/NIH (\$390,648)

MacDonald, Megan; Udell, Monique (MPI)

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

*This research project developed and evaluated a novel physical activity intervention for adolescents with developmental disabilities and their family dog, through a small randomized control trial.*

Role: Principal Investigator

12/2012–06/2014

Oregon State University–General Research Fund (\$9,596)

MacDonald, Megan (PI)

**The Physical Fitness of School-aged Children with ASD**

*This research project examined the physical activity and physical fitness behaviors of school-aged children with autism spectrum disorder.*

Role: Principal Investigator

01/2012–03/2012

P30ES000210 NIEHS/ NIH (\$5,000)

Kile, Molly; Lipscomb, Shannon; MacDonald, Megan; McClelland, Megan (Co-PIs)

**OSH EH Center/ Environmental Determinants of Gains in School Readiness for Children Aged 3–5**

*This research project examined environmental exposures and relationships with aspects of child development including social and physical development.*

Role: Co-Principal Investigator

05/2012–05/2013

P30ES000210 NIEHS/ NIH (\$25,000)

Kile, Molly; Lipscomb, Shannon; MacDonald, Megan; McClelland, Megan (Co-PIs)  
**OSH EH Center/ Flame Retardants and Home Environment on Children's School Readiness**

*This research project examined environmental exposures and relationships with aspects of child development including social and physical development.*

Role: Co-Principal Investigator

10/2012–09/2013

OSU Hallie E. Ford Center (\$7,000)

Kile, Molly; Lipscomb, Shannon; MacDonald, Megan; McClelland, Megan (Co-PIs)

**Flame Retardants and Home Environment on Children's School Readiness**

*This research project examined environmental exposures and relationships with aspects of child development including social and physical development.*

Role: Co-Principal Investigator

07/2013–06/2015

Oregon State University–Division of Health Sciences (\$30,000)

Baltzer, Wendy (PI)

**Animal Assisted Adapted Physical Activity for Children with Cerebral Palsy**

*This research project examined the effects of an animal assisted intervention with the family dog on child development and the behaviors of the family dog.*

Role: Co-Investigator

05/2013–06/2014

Erkkila Endowment for Health and Human Performance (\$17,500)

MacDonald, Megan (PI)

**Influence of a Physical Activity Health Promotion on People with a Disability**

*This project evaluated the effects of a physical activity-based health promotion program for adults with physical disability.*

Role: Principal Investigator

09/2014–06/2015

Lebanon Community Schools (\$32,021)

MacDonald, Megan (PI)

**APE Consulting Services to the Lebanon Community School from OSU MSD Program**

*This project provided consultative services for APE, from and OSU graduate student, to the Lebanon Community Schools.*

Role: Principal Investigator

09/2015–06/2016

Lebanon Community Schools (\$32,907)

MacDonald, Megan (PI)

**APE Consulting Services to the Lebanon Community School from OSU MSD Program**

*This project provided consultative services for APE, from and OSU graduate student, to the Lebanon Community Schools.*

Role: Principal Investigator

09/2016–06/2017

Lebanon Community Schools (\$32,265)

MacDonald, Megan (PI)

**APE Consulting Services to the Lebanon Community School from OSU APA Program**

*This project provided consultative services for APE, from and OSU graduate student, to the Lebanon Community Schools.*

Role: Principal Investigator

09/2017–06/2018

Lebanon Community Schools (\$36,000)

MacDonald, Megan (PI)

**APE Consulting Services to the Lebanon Community School from OSU APA Program**

*This project provided consultative services for APE, from and OSU graduate student, to the Lebanon Community Schools.*

Role: Principal Investigator

09/2013–08/2019 (no-cost extension August 2019)

H325K130302 US Department of Education, Office of Special Education Programs (\$1,233,413)

Yun, Joonkoo (PI)

**Preparing Quality Personnel in Adapted Physical Education**

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

Role: Co-Investigator

***C3.4 Research & Training/ Continuing Education Support: Not funded***

09/2022–08/2027

GRANT13581552 US Dept. of Education, Office of Special Education (\$1,250,000)

MacDonald, Megan (PD)

**Leadership Preparation in Adapted Physical Education (Project LEAD)**

*This leadership training grant will train doctoral level students (future faculty) to take on faculty leadership roles in Adapted Physical Education throughout the granting period.*

Role: Project Director

07/01/2022- 06/30/2024

GRANT13507273 NICHD/ NIH (\$392, 379)

MacDonald, Megan; Udell Monique (MPI)

**Physical Activity for Young Children with Developmental Disabilities Using the Family Dog**

*This research project is evaluating a novel physical activity intervention for young children with developmental disabilities and their family dog, through a randomized control trial.*

Role: Principal Investigator

09/01/2022–08/30/2024

Human Animal Bond Research Institute (\$45,026)

MacDonald, Megan; Udell, Monique (MPI)

**Can benefits start earlier? Evaluating the effects of an imitation based training intervention for children and their family dog on physical and social wellbeing on children age 7-9 years**

*This research project is evaluating the human-animal bond of a novel physical activity intervention for young children (7-9 years) and their family dog through a small randomized control trial.*

Role: Principal Investigator

04/2022–03/2027

10023931 Spencer Foundation (\$500, 000)

MacDonald, Megan (PI); Khanna, Sunil (Co-PI)

**Overcoming Disability Stigma Through Community-Based Education in Rural Botswana**

*This research project will examine Learning Across the Life Course: Understanding the impact of disability education on students and adults with and without disabilities in rural Botswana through community-based implementation.*

Role: Principal Investigator

10/2021- 12/2022

HAB21-049 Human Animal Bond Research Institute (\$45,000)

MacDonald, Megan; Udell, Monique (MPI)

**Can benefits start earlier? Evaluating the effects of an imitation based training intervention for children and their family dog on physical and social wellbeing on children aged 6-9 years.**

*This research project is evaluating the human-animal bond of a novel physical activity intervention for young children between 6-9 years and their family dog through a small randomized control trial.*

Role: Principal Investigator

09/2021–08-2022

John C. Erkkila, M.D. Endowment for Health and Human Performance (Pre-proposal)

Shen, Xiangyou (PI)

**Play to cope: The Role of Play and Playfulness in Resilient Family Coping during the COVID-19 Pandemic**

*This project will examine play and playfulness in families with children with disabilities to better understand its role in resilience during the COVID-19 pandemic*

Role: Co-Principal Investigator

04/2021–03/2026

10023931 Spencer Foundation (\$500, 000)

MacDonald, Megan (PI); Khanna, Sunil (Co-PI)

**Strengthening Special Education and Disability Inclusion in Botswana**

*This research project will examine Learning Across the Life Course: Understanding the impact of disability education on students and adults with and without disabilities in rural Botswana through community-based implementation.*

Role: Principal Investigator

07/2020–06/2022

R21HD101125 NICHD/ NIH (\$408,375)

MacDonald, Megan (MPI); Udell, Monique (MPI); Vitale, Kristyn (MPI)

**Evaluation of a Kitten Assisted Training Intervention (KAT) to Promote Positive Health and Wellbeing Outcomes in at Risk Youth**

*This research project will develop and evaluate a novel physical activity intervention for adolescents with developmental disabilities and their family dog, through a small, randomized control trial.*

Role: Principal Investigator

09/01/2020–06/2025

R01ES029497 NIEHS/NIH Parent (\$2,252,788)

Kile, Molly (MPI); Lipscomb, Shannon (MPI); MacDonald, Megan (Co-I)

**Children's flame retardant exposures measured by passive wristbands: Sex specific associations, social adversity, and socio-cognitive development – COVID-19 Supplement**

*This research project evaluates the relationship between aspects of children's socio-cognitive development and environmental exposures, including flame retardants. This supplement will add to this project by providing specific familial/child outcomes based on responses to COVID-19.*

Role: Co-Investigator

01/2016–08/2017

Organization for Autism Research (Pre-proposal accepted grant application invited) (\$29,672)

Ebbeck, Vicki (PI)

**Caring for Caregivers: A Self-compassion Program for Caregivers of Individuals with ASD**

Role: Co-Investigator

10/2014–09/2019

Department of Education (\$4,373,004)

Krahn, Gloria (PI)

**RRTC: Advancing Health & Function Across the Lifespan of People with Physical Disabilities**

Role: Co-Investigator

09/2014–08/2018

NIMH K01 (\$661,463)

MacDonald, Megan (PI)

**The Mechanistic Role of Motor Skills with Self-regulation & Social Behavior of Children with ASD**

Role: Principal Investigator

09/2014–08/2018

USDA (\$720,000)

Braunsworth, (PD)



**The Mechanistic Role of Motor Skills with Self-regulation & Social Behavior of Children with ASD**

Role: Co-Project Director

07/2014–06/2018

Institute of Education Sciences (\$1,599,997)

McClelland, Megan (PI)

**Developing a Measure of Self-regulation for Children at-risk for School Difficulty**

Role: Co-Investigator

09/2013–08/2017

US Department of Education (\$399,554)

MacDonald, Megan (PI)

**A Movement-based Early Intervention for Young Children with Autism**

Role: Principal Investigator

09/2013–09/2015

National Institutes of Health – NICHD R21 (\$376,516)

MacDonald, Megan (PI)

**A Movement-based Early Intervention for Young Children with Autism**

Role: Principal Investigator

06/2013–06/2014

Erkkila Endowment for Health and Human Performance (\$19,659)

MacDonald, Megan (PI)

**Physical Activity & School Readiness: The Use of Structured Play to Improve Behavioral Self-regulation**

Role: Principal Investigator

07/2012–06/2013

Pacific Source (\$43,000)

Kile, Molly; MacDonald, Megan; McClelland, Megan (Co-PIs)

**Flame retardants and neurocognitive development**

Role: Co-Principal Investigator

06/2012–06/2013

Erkkila Endowment for Health and Human Performance (\$17,526)

MacDonald, Megan (PI)

**The Physical Fitness of School-aged Children with Autism**

Role: Principal Investigator

05/2012–04/2013

Oregon State University–General Research Fund (\$9,596)

MacDonald, Megan (PI)

**The Physical Fitness of School-aged Children with Autism**

Role: Principal Investigator

01/2013–12/2013

AAHPERD – Early Investigator (\$5,000)

MacDonald, Megan (PI)

**The Physical Fitness of School-aged Children with Autism**

Role: Principal Investigator

09/2013–08/2017

National Institutes of Health – NICHD–DP5 (\$1,731,419)

MacDonald, Megan (PI)

**A Movement-based Early Intervention for Young Children with Autism**

Role: Principal Investigator

01/2012–03/2013

United Way (\$8,000)

Yoon, Joonkoo; MacDonald, Megan (Co-PIs)

**OSU IMPACT**

Role: Co-Investigator

07/2015–06/2018

National Institutes of Health – NICHD–F32 (\$154,662)

Mehrkam, Lindsey (PI)

**Need project title**

Role: Co-Investigator

07/2015–06/2016

American College of Sports Medicine (\$5,000)

Tyler, Kiley (SI); MacDonald, Megan (PI)

**Physical Fitness & Physical Activity ASD**

Role: Principal Investigator

09/2015–06/2017

Autism Speaks (\$60,000)

Colombo-Dougovito, Andrew (SI)

**Dynamic Systems Approach to Build Functional Motor Skills in Children with ASD**

Role: Advisory Committee Member

07/2015–06/2017

Morris Animal Foundation (\$69,803)

Baltzer, Wendy (PI)

**Animal Assisted Adapted Physical Activity for Children with Motor Disabilities**

Role: Co-Investigator

09/2015–06/2020

US Department of Education, Office of Special Education Programs (\$1,244,520)

Yoon, Joonkoo (PI)

## **Training Doctoral Level Faculty in Adapted Physical Activity**

Role: Co-Investigator

09/2015–09/2020

Department of Health & Humans Services (\$2,499,170)

Krahn, Gloria (PI)

### **Enhancing Health, Function and Community Participation across the Lifespan for People with Disabilities**

Role: Co-Investigator

09/2015–08/2017

National Institutes of Health Sciences (NICHD/ NIH) (\$405,943)

Baltzer, Wendy (PI)

### **Animal Assisted Therapy for Children with Motor Disabilities Using the Family Dog**

Role: Co-Investigator

01/2016–06/2017

AACPDM Pedal-with-Pete Foundation (\$24,945)

Baltzer, Wendy (PI)

### **Animal Assisted Therapy for Children with Cerebral Palsy using the Family Dog**

Role: Co-Investigator

07/2016–06/2017

Autism Science Foundation (\$25,000)

Twardzik, Erica (SI); MacDonald, Megan (PI-Mentor)

### **Effects of Motor Skill Development on the Association between Autism Severity and Salient Child Behaviors: A Secondary Analysis using NDAR**

Role: Principal Investigator-Mentor

01/2017–12/2017

Healthy Weight Research Network (\$25,000)

MacDonald, Megan (PI)

### **Development and Evaluation of a Novel Imitation-based Dog Assisted Intervention (DAID) Training, to Increase Physical Activity for Adolescents with Developmental Disabilities**

Role: Principal Investigator

09/2017–08/2021

Institute of Educational Sciences (Goal 1 – Exploratory) Special Education (\$1,400,000)

MacDonald, Megan; Hatfield, Bridget (Co-PIs)

### **Training Early Educators about Amplified Benefits in Motor Skill Development for Preschoolers with Disabilities**

Role: Co-Principal Investigator

07/2017–06/2018

Autism Science Foundation (\$35,000)

Colombo-Dougovito, Andrew (PI); MacDonald, Megan (PI-Mentor)

**Trajectory of Motor Skill Development in Young Children with Autism Spectrum Disorder**  
Role: Principal Investigator-Mentor

07/2017–09/2018

Organization for Autism Research (OAR) (\$1,920)  
Ku, Byungmo (SI); MacDonald, Megan (PI-Mentor)

**Relations of Parent Behaviors and Child Motor Skill Development**

Role: Principal Investigator-Mentor

07/2018–09/2019

Organization for Autism Research (OAR) (\$2,000)  
Ku, Byungmo (SI); MacDonald, Megan (PI-Mentor)

**The Effects of Parental Behavior on Motor Skill Development in Children with ASD**

Role: Principal Investigator-Mentor

Kile, Molly; Lipscomb, Shannon; MacDonald, Megan; McClelland, Megan (Co-PIs)

07/2018–06/2023

National Institutes of Environmental Health Sciences (NIEHS/ NIH) (\$1,837,500)  
Kile, Molly; Lipscomb, Shannon; Anderson, Kim (Co-PIs)

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

Role: Co-Investigator

07/2017–06/2018

Healthy Weight Research Network (\$25,000)  
MacDonald, Megan (PI)

**Predictors of Weight Status in Young Children with Developmental Disabilities**

Role: Principal Investigator

09/2018–08/2022

Institute of Educational Sciences (Goal 1 – Exploratory) Special Education (\$1,400,000)  
MacDonald, Megan; Hatfield, Bridget (Co-PIs)

**Exploring Motor-skill Based Play in Toddler Classrooms as a Way to Enhance Development for Children with Developmental Delays**

Role: Co-Principal Investigator

02/2019–01/2023

Waltham Human-Animal Interaction Research Programme (\$279,833 [EUR 240,000])  
MacDonald, Megan; Udell, Monique (Co-PIs)

**Evaluating a Novel Imitation-based “Dog Assisted Intervention Designed (DAID) Training to Strengthen the Child-dog Bond and Improve Adolescent Physical and Social Wellbeing**

Role: Co-Principal Investigator

09/2019–08/2021

National Institutes Child Health & Development (NICHD/ NIH) (\$405,625)  
MacDonald, Megan; Udell, Monique (Co-PIs)

**Development and Evaluation of a KAT Intervention to Increase Joint Activity and Social Wellbeing for Adolescents**  
Role: Co-Principal Investigator

## **D. SERVICE**

### ***D1. School Service***

<b><u>Commitment</u></b>	<b><u>Timeframe</u></b>
Committee member, School of Biological & Population Health Sciences Search Committee – Project Coordinator	July 2021 – present
Committee member, Kinesiology Graduate Program Curriculum Committee	September 2019- present
Committee member, School of Biological & Population Health Sciences Promotion & Tenure Committee	September 2019–May 2021
Chair, Search Committee – Assistant/ Associate Professor of Kinesiology	March–June 2017
Committee member, Search Committee – Kinesiology Instructor pool	Summer 2016
Committee member, Search Committee –Four assistant/ associate professor positions in Exercise & Sport Science	October 2013–June 2014
Committee member, School of Biological & Population Health Sciences Screening Committee–Co-director (BPHS) internal search	Winter 2014

### ***D2. College Service***

<b><u>Commitment</u></b>	<b><u>Timeframe</u></b>
Co-director IMPACT for Life program	September 2019–present
Co-director Individualized Movement and Physical Activity for Children Today (IMPACT) program	September 2011–present
Associated Faculty, Multiple Sclerosis Exercise Program	January 2014–2020
Associated Faculty, IMPACT for Life program	September 2011–2019
CPHHS Undergraduate Scholarship Committee	March 2017–June 2018
CPHHS START Dinner Representative	July 27, 2016
Committee member, College of Public Health & Human Sciences Strategic Plan Vision 2025 Task Force	January–September 2015

Committee Member, School of Social and Behavioral Health Sciences  
Search Committee –Two assistant professors positions in Human  
Development and Family Sciences. January–April 2013

Committee Member, Search Committee –Writer June–July 2012

### ***D3. University Service***

#### **Commitment**

#### **Timeframe**

Faculty Senator (CPHHS)

January 2022 – June  
2024

Recreation Sports Student Advisory Board Member

April 2017–June 2020 (3-  
year term)

Graduation Marshall for Commencement

June 2016

Reviewer –Continuing Education Certification/ Recertification for  
Professional and Continuing Education (PACE)

2012–2015

OSU Faculty Senate Substitute for CPHHS representation

November 12 &  
December 10, 2015

### ***D4. Professional Service***

#### ***D4.1 Grant reviews***

#### **Commitment**

#### **Timeframe**

Robert Wood Johnson Foundation, Health Policy Research  
Scholars Program Grant Program

April 2021

US Department of Education Office of Special Education  
Program Grant Program (325 K Personnel Preparation [Master  
Training Grant])

July 2020

Ad-hoc Awards Committee Member – National Consortium for  
Physical Education for Individuals with Disabilities

June 2020

Ad-hoc Awards Committee Member – North American  
Federation of Adapted Physical Activity

June 2020

Robert Wood Johnson Foundation, Health Policy Research Scholars Program Grant Program	April 2020
University of Nebraska Internal Grant Program	February 2017
Mitacs Elevate Review – Post-doctoral grant proposal	October 2016
HRSA-16-039: Developmental Behavioral Pediatrics Research Network	May 2016
HRSA-16-044: MCH Research Network on Promoting Healthy Weight among Children with Autism Spectrum Disorder and other Developmental Disabilities	March/ April 2016
New Jersey Autism Center of Excellence Clinical Research and Translational Research Pilot Projects	February 2015; February 2016; February 2017; February 2020
Nicholas Leoni Endowment Fund, University of Michigan	April 2014; April 2015

#### ***D4.2 Professional Organization Service***

<b><u>Commitment</u></b>	<b><u>Timeframe</u></b>
Vice President—National Consortium for Physical Education for Individuals with Disabilities (NCPEID)	July 2017–July 2019
Vice President-Elect—National Consortium for Physical Education for Individuals with Disabilities (NCPEID)	September 2016–July 2017
Organizer/ Host—North American Federation of Adapted Physical Activity (NAFAPA) Symposium	October 2018
SHAPE America—Early Childhood advisory group	January 2016–June 2018
SHAPE America—Abstract reviewer for the 2017 National meeting	June–July 2016
SHAPE America—Special Task Force for the Physical Activity Council about transition services and physical activity for individuals with disabilities	April–Fall 2015



SHAPE America—Abstract reviewer for the 2016 National meeting	June–July 2015
Executive Board—Member at Large, National Consortium for Physical Education for Individuals with Disabilities (NCPEID)	July 2013–July 2015
Scientific Committee Member (Symposium)—National American Federation of Adapted Physical Activity (NAFAPA)	September 2013–October 2014

#### ***D4.3 Reviewer***

Note: I regularly review for discipline-based journals. I have captured many, but not all commitments in this respect. I review approximately 15 to 20 manuscripts per year.

<b><u>Commitment</u></b>	<b><u>Timeframe</u></b>
Handbook Proposal Reviewer—Palgrave Handbook of Disabled Children’s Childhood Studies: Building Understandings	November 2014
American Association on Intellectual and Developmental Disabilities	October 2012–present
<i>Journal of Autism &amp; Developmental Disabilities</i>	September 2012–present
<i>Palaestra</i>	September 2012–present
<i>Journal of Disability &amp; Health</i>	2013–present
<i>Journal of Disability &amp; Rehabilitation</i>	2013–present
<i>Journal of Physical Education, Recreation &amp; Dance</i>	September 2011–present
<i>Adapted Physical Activity Quarterly</i>	August 2011–present
Graduate student reviewer, <i>Palaestra</i>	2010–2011
Conference Papers, American College of Sports Medicine –North West Chapter	February 2012

#### ***D5. Other Service***

<b><u>Commitment</u></b>	<b><u>Timeframe</u></b>
Co-Leader, Social Group, University of Michigan Autism & Communicative Disorders Center, Ann Arbor, MI	September 2008–May 2011

Student Representative, Trent Faculty of Education Strategic Planning Committee, Trent University, Peterborough, ON	2005–2006
School–Community Transition Volunteer, Special Olympics Ontario, Peterborough, ON. (2005).	2005
Member, SPACE Coalition (Saving Public Access to Community Space), Toronto, ON	2004–2005
Volunteer, National Youth Exchange Active Living Alliance for Canadians with a Disability, Ottawa, ON	2004
Volunteer, Wolfville Elementary School	2000–2002
Leader, Sensory, Motor, Instructional, Leadership, Experience (SMILE), Wolfville, NS	1998–2002

## **E. AWARDS AND HONORS**

### ***E1. 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)

### ***E2. 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)

### ***E3. University and Community Awards***

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)