

CURRICULUM VITAE

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POST-SECONDARY EDUCATION

University Degrees

Academic Institution	Degree	Subject	Thesis Title	Date Conferred
The University of Waterloo	BSc (Honours, co-op)	Kinesiology	--	2013
The University of Waterloo	MSc	Kinesiology (Stream: Neuroscience)	“The Influence of Dual-tasking on Cortical Responses Associated with Balance”	2017
The University of Western Ontario	PhD	Health & Rehabilitation (Stream: Physical Therapy)	“Exploring the Inter-relationship Between Cognitive and Motor Function in People with Lower Limb Amputations”	2022

Licenses Held:

Qualification	Organization	Years Held
Registered Kinesiologist (active member)	College of Kinesiologists of Ontario	2016 – <i>Current</i>

Languages: English (fluent), Spanish (fluent).

EMPLOYMENT HISTORY

Academic Employment/Appointments

Position	Department	Institution	Date(s)
Adjunct Research Professor (independent research)	School of Health Studies	The University of Western Ontario	Sept 2024 – <i>Present</i>
Associate Scientist	--	Lawson Health Research Institute	Sept 2024 – <i>Present</i>

Post-doctoral Associate	School of Physical Therapy	The University of Western Ontario	2022 – 2023
Research Associate	School of Physical Therapy	The University of Western Ontario	2018 – 2022
Graduate Teaching Assistant	School of Physical Therapy	The University of Western Ontario	2018 – 2021
Research Associate	Kinesiology	The University of Waterloo	2014 – 2016
Research Assistant	Kinesiology	The University of Waterloo	2013 – 2014
Research Assistant	Heart & Stroke Foundation Centre for Stroke Recovery	Sunnybrook Health Sciences Centre	2012 – 2013

Related Non-academic Employment

Position	Department	Institution	Date(s)
Consultant, Quality Improvement/Evaluation	Research & Strategy	Regional Geriatric Program of Southwestern Ontario @St. Joseph's Health Care London	Jun 2024 – <i>Present</i>
Grants Development Officer	Grants Development	Lawson Health Research Institute	Jan 2024 – Jun 2024
Kinesiologist	Retirement Living	The Village of Winston Park	2017 – 2018
Student Career Leader	Centre for Career Action	The University of Waterloo	Sep – Dec 2016
Kinesiologist	Long-Term Care	The Village of Glendale Crossing	Jan – May 2012
Kinesiologist	Physiotherapy	Upper Ottawa Physiotherapy	May – Dec 2010

DISTINCTIONS AND AWARDS

Distinction/Award	Awarding Organization	Date
"Top Doctoral Poster Presentation (Category: Rethink)"	2021 Health and Rehabilitation Sciences Graduate Research Conference	Feb 2021
Libin International Trainee Symposium Travel Award (\$1,000)	The University of Calgary	Feb 2020
CIHR Doctoral Award Nomination	The School of Graduate and Postdoctoral Studies (SGPS), The University of Western Ontario	Nov 2019
Faculty of Health Sciences Graduate Conference Travel Award (\$364)	The University of Western Ontario	Aug 2019
The Origins of Balance Deficits and Falls (OBDAF) Research Cluster's 2019 Wearable	Canadian MSK Rehab Research Network	Aug 2019

Sensors for Balance & Movement Summer Program Travel Award (\$1,400)		
2019 RehabWeek Student Poster Competition, Second Place (\$655) *Second author and mentor*	RehabWeek	Jun 2019
Institute Community Support (ICS) Travel Award (\$500)	Canadian Institute of Health Research	May 2019
ISPO Canada Student Poster Competition, "Best Abstract Award" (\$1,000) *Second author and mentor*	International Society for Prosthetics and Orthotics Canadian National Society (ISPO)	Apr 2019
Graduate Studies Research Travel Award (\$500)	The University of Waterloo	Sep 2015
Honorable Mention, Three Minute Thesis (3MT) Applied Health Sciences	The University of Waterloo	Feb 2015
Graduate Studies Research Travel Award (\$500)	The University of Waterloo	Sep 2014
IEEE Canada Humanitarian Initiatives committee (HIC) Student Design Contest, Third Place (\$300)	Institute of Electrical and Electronics Engineers (IEEE)	May 2011
Top 20 Outstanding Youth (\$1,000)	Sears Canada	Jul 2008
Applied Health Sciences Entrance Scholarship (\$500)	The University of Waterloo	Jul 2008

SCHOLARSHIPS AND RESEARCH FUNDING

Scholarship/Grant	Awarding Organization	Date
Mary Horney Fellowship in Rehabilitation (\$30,000)	The Parkwood Institute Research-Student Endowment (PIR-SE), St. Joseph's Health Care Foundation	2022 – 2023
CIHR Planning and Dissemination Grant "Planning a National Limb Loss Registry" *Co-applicant* (\$41,500)	Canadian Institutes of Health Research	2022 – 2023
Ontario Graduate Scholarship (OGS) (\$15,000)	Government of Ontario	Sep 2021 – Aug 2022
Western Graduate Research Scholarship (\$5,000)	The University of Western Ontario	Sep 2021 – Aug 2022
Ontario Graduate Scholarship (OGS) (\$15,000)	Government of Ontario	Sep 2020 – Aug 2021
Joseph A. Scott Studentship in Mobility and Aging (\$10,500)	The Parkwood Institute Research-Student Endowment (PIR-SE), St. Joseph's Health Care Foundation	Sep 2020 – Aug 2021
Western Graduate Research Scholarship (\$5,000)	The University of Western Ontario	Sep 2020 – Aug 2021

Joseph A. Scott Studentship in Mobility and Aging (\$10,500)	The Parkwood Institute Research-Student Endowment (PIR-SE), St. Joseph's Health Care Foundation	Sep 2019 – Aug 2020
Western Graduate Research Scholarship (\$13,493)	The University of Western Ontario	Sep 2019 – Aug 2020
Western Graduate Research Scholarship (\$13,493)	The University of Western Ontario	Sep 2018 – Aug 2019
Applied Health Sciences Graduate Experience Award (\$2,516)	The University of Waterloo	Sep 2016 – Dec 2016
University of Waterloo Graduate Scholarship (\$2,390)	The University of Waterloo	Sep 2015 – Dec 2015
Applied Health Sciences Graduate Experience Award (\$4,674)	The University of Waterloo	Sep 2014 – Apr 2015

MENTORING ACTIVITIES

Summary:

	Co-mentor	Mentor	Total
Undergraduate	2	2	4
Graduate (non-thesis)	11	11	22
Total	13	13	26

Undergraduate

1. Rachael Coupland (2019). HBSc, School of Health Studies. Undergraduate independent research project (HS 4990). *Title*: "The association between dynamic balance and objective and subjective measures of mobility in people with a lower limb amputation post-rehabilitation". **Mentor**. [OUTCOME: One poster presentation].
2. Ashvene Sureshkumar (2019). HBSc, School of Health Studies. Undergraduate independent research project (HS 4990). *Title*: "The association between fear of falling and objective and subjective measures of recovery after rehabilitation in people with a lower limb amputation". **Mentor**. [OUTCOME: One poster presentation].
3. Katherine Fuller (2018). HBSc, School of Health Studies. Undergraduate independent research project (HS 4990). *Title*: "Psychometric evaluation of the ABC and ABC-6 scale on lower limb amputees". **Co-mentor**. [OUTCOME: Four poster presentations, one podium presentation, one "best abstract" award, one "2nd best poster" award, one manuscript publication].
4. Gabrielle Cieslak (2018). HBSc, School of Health Studies. Undergraduate independent research project (HS 4990). *Title*: "Association between changes in subjective and objective measures of mobility in people with a lower-limb amputation after inpatient rehabilitation". **Co-mentor**. [OUTCOME: Four poster presentations, one manuscript publication].

Master's Research Projects (non-thesis/professional)

1. Timothy Barry, Christian Louwers, Brijesh Monpara, Stephen Payne, Dominik Szkaradek. (2020-2021) MPT, School of Physical Therapy, University of Western Ontario. *Title*:

- "Interventions to improve mobility in people with lower limb amputations: A scoping review". **Mentor**. [OUTCOME: One poster presentation].
2. Kari Bezaire, Kyla Brady, Jayme Davies, Nancy Louwagie, Sean Power, Sydney Santin. (2019-2020) MPT, School of Physical Therapy, University of Western Ontario. *Title*: "Functional Reach Test, Single Leg Stance Test, and Tinetti Performance Oriented Mobility Assessment as screening tools for falls prediction in community-dwelling older adults: A systematic review". **Mentor**. [OUTCOME: One poster presentation, one manuscript publication].
 3. Laralee Greenlaw, Haley Fitzpatrick, Emily Paquin, Jessica Popert, Alexa Tipper. (2018-2019) MPT, School of Physical Therapy, University of Western Ontario. *Title*: "Clinical practice patterns among Canadian physiotherapists for the assessment of falls risk in older adults – a cross-sectional e-survey". **Co-mentor**. [OUTCOME: One poster presentation].
 4. Emily Kruger, Jacqueline Baker, Sabrina Trung, Sarah McRae, Danielle De Laat, Carly Zotolla. (2018-2019) MPT, School of Physical Therapy, University of Western Ontario. *Title*: "Assessment of physical performance in older adults with dementia: A systematic review". **Co-mentor**. [OUTCOME: One poster presentation, one manuscript publication, one infographic].

PUBLICATIONS

Summary:

	First author	Co-author	Total
Articles in peer-reviewed journals	10	8	18
Articles in peer-reviewed journals (<i>ahead of print</i>)	--	--	--
Articles Submitted	--	1	1
Articles Accepted	1	--	1
Articles as <i>Work in progress</i>	2	2	4
Published abstracts	3	5	8

Articles in Peer-reviewed Journals

1. **Omana H**, Sureshkumar A, Äijö M, Hunter SW. "Attitudes and beliefs of physiotherapists and physiotherapy students towards working with older adults: A systematic review". *Physical Therapy*, 2024; pzae052, <https://doi.org/10.1093/ptj/pzae052>
2. Adebero T, **Omana H**, Somerville L, Lanting B, Hunter SW. "Impact of prehabilitation on functional outcomes following total joint arthroplasty for osteoarthritis: A systematic review and meta-analysis of randomized controlled trials". *Disabil Rehabil*. 2024 Feb 13:1-20. <https://doi.org/10.1080/09638288.2024.2310767>
3. **Omana H**, Frengopoulos C, Montero-Odasso M, Payne MW, Viana R, Hunter SW. "Association between measures of cognitive function on physical function in novice users of a lower limb prosthesis". *Gait & Posture*. 2023 Feb 1;100:120-5. <https://doi.org/10.1016/j.gaitpost.2022.12.012>
4. **Omana H**, Madou E, Montero-Odasso M, Payne MW, Viana R, Hunter SW. "The effect of dual-task testing on the balance and gait of people with lower limb amputations: A systematic review". *The journal of Injury, Function, and Rehabilitation*. 2023 Jan;15(1):94-128. <https://doi.org/10.1002/pmrj.12702>

5. **Omana H**, Madou E, Hunter S. "The effects on gait of 4-wheeled walker use in people with Alzheimer's disease dementia and gait impairment: A pilot study". *Journal of Alzheimer's disease*. 2022: 1-6. <https://doi.org/10.3233/JAD-220331>
6. **Omana H**, Frengopoulos C, Montero-Odasso M, Payne MW, Viana R, Hunter SW. "The association between balance confidence and basic walking abilities in people with lower limb amputations: A cross-sectional study". *Prosthetics and Orthotics International*. 2022 May 3:10-97. <https://doi.org/10.1097/PXR.000000000000207>
7. **Omana H**, Madou E, Divine A, Wittich W, Hill K, Johnson A, Holmes J, Hunter S. "The effect of first-time 4-wheeled walker use on the gait of younger and older adults". *The journal of Injury, Function, and Rehabilitation*. 2022 Nov;14(11):1333-1342. <https://doi.org/10.1002/pmrj.12700>
8. **Omana H**, Madou E, Divine A, Wittich W, Hill KD, Johnson AM, Holmes JD, Hunter SW. "The differential effect of first-time single-point cane use between healthy young and older adults". *The journal of Injury, Function, and Rehabilitation*. 2021 Dec;13(12):1399-409. <https://doi.org/10.1002/pmrj.12559>
9. **Omana H**, Madou E, Montero-Odasso M, Payne M, Viana R, Hunter S. "The effect of dual-task testing on balance and gait performance in adults with type 1 or type 2 diabetes mellitus: A systematic review". *Current Diabetes Reviews*. 2021 Jun 1;17(5):82-98. <https://doi.org/10.2174/1573399816999201001203652>
10. **Omaña H**, Bezaire K, Brady K, Davies J, Louwagie N, Power S, Santin S, Hunter SW. "Functional Reach Test, Single-leg Stance Test, and Tinetti Performance-oriented Mobility Assessment for the prediction of falls in older adults: A systematic review". *Physical Therapy*. 2021 Oct;101(10):pzab173. <https://doi.org/10.1093/ptj/pzab173>
11. Hunter SW, Divine A, **Omana H**, Madou E, Holmes J. "Development, reliability and validity of the Safe Use of Mobility Aids Checklist (SUMAC) for 4-wheeled walker use in people living with dementia". *BMC Geriatrics*. 2020 Dec;20(1):1-9. <https://doi.org/10.1186/s12877-020-01865-5>
12. Cieslak G, **Omana H**, Madou E, Frengopoulos C, Viana R, Payne MW, Hunter SW. "Association between changes in subjective and objective measures of mobility in people with lower limb amputations after inpatient rehabilitation". *American Journal of Physical Medicine & Rehabilitation*. 2020 Nov 1;99(11):1067-71. <https://doi.org/10.1097/phm.0000000000001490>
13. Hunter SW, Divine A, Madou E, **Omana H**, Hill KD, Johnson AM, Holmes JD, Wittich W. "Executive function as a mediating factor between visual acuity and postural stability in cognitively healthy adults and adults with Alzheimer's dementia". *Archives of Gerontology and Geriatrics*. 2020 Jul 1;89:104078. <https://doi.org/10.1016/j.archger.2020.104078>
14. Baker J, de Laat D, Kruger E, McRae S, Trung S, Zottola C, **Omaña H**, Hunter SW. "Reliable and valid measures for the clinical assessment of balance and gait in older adults with dementia: A systematic review". *European Journal of Physiotherapy*. 2020 Jul 2:1-2. <https://doi.org/10.1080/21679169.2020.1788638>
15. Hunter SW, **Omana H**, Madou E, Wittich W, Hill KD, Johnson AM, Divine A, Holmes JD. "Effect of dual-tasking on walking and cognitive demands in adults with Alzheimer's dementia experienced in using a 4-wheeled walker". *Gait & Posture*. 2020 Mar 1;77:164-70. <https://doi.org/10.1016/j.gaitpost.2020.01.024>
16. Fuller K, **Omaña Moreno HA**, Frengopoulos C, Payne MW, Viana R, Hunter SW. "Reliability, validity, and agreement of the short-form Activities-specific Balance Confidence

Scale in people with lower extremity amputations". *Prosthetics and Orthotics International*. 2019 Dec;43(6):609-17. <https://doi.org/10.1177/0309364619875623>

17. Hunter S, Divine A, **Omana H**, Wittich W, Hill K, Johnson A, Holmes J. "Effect of learning to use a mobility aid on gait and cognitive demands in people with mild to moderate Alzheimer's dementia: Part I -Cane.". *Journal of Alzheimer's Disease*. 2019 Jan 1;71(s1):S105-14. <https://doi.org/10.3233/jad-181169>
18. Hunter S, Divine A, **Omana H**, Wittich W, Hill K, Johnson A, Holmes J. "Effect of learning to use a mobility aid on gait and cognitive demands in people with mild to moderate Alzheimer's dementia: Part II – Wheeled walker". *Journal of Alzheimer's Disease*. 2019 Jan 1;71(s1):S115-24. <https://doi.org/10.3233/jad-181170>

Accepted with minor revisions

1. **Omana H**, Twum-Ampofo W, Hunter SW. "Research among People Living with Dementia in Physiotherapy Journals: A Scoping Review". *Journal of Geriatric Physical Therapy*. Accepted September 16, 2024. (ID# JGPT-D-24-00053)

Submitted

1. Elliott J, Heckman G, Chalmers K, Hiebert B, **Omana H**, Kane SL. "From perpetual pilots to sustainable transformation: Scaling up geriatric care". *Healthcare Management Forum*. Under revisions September 09, 2024. (ID# ID HMF-24-0149)

In Progress

1. Hiebert B, Chalmers K, **Omana H**, Jacobi E. "Digital health information needs of Ontario older adults and caregivers: A quality improvement project". Manuscript writing stage.
2. Hunter SW, Nugent K, **Omana H**. "Factors related to preclinical mobility disability in physically active older adults: A Post-COVID-19 study". Manuscript writing stage.
3. **Omana H**, Nugent K, Hunter SW. "The relationship mobility and preclinical mobility disability in physically active older adults: A Post-COVID-19 study". Data analysis stage.
4. **Omana H**, Chalmers K, Jacobi E, Hiebert B. "Factors associated with readiness to engage health information behaviours: A quality improvement project". Data analysis stage.

Abstracts in Peer-reviewed Journals

1. **Omana H**, Madou E, Montero-Odasso M, Payne MW, Viana R, Hunter SW. "The effect of dual-task testing on the balance and gait of people with lower limb amputations: A systematic review". 68th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting (Virtual Academic Day). [Online. Conference date: May 2021].
2. Sureshkumar A, **Omana H**, Frengopoulos C, Payne M, Viana R, Hunter SW. (2020). "Concern of falling and its association with future mobility, quality of life and social satisfaction in people with lower extremity amputations: A prospective study". *The Journal of Rehabilitation Medicine*. 68th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting (Virtual Academic Day). [Online. Conference date: May 2020].

3. Coupland R, **Omana H**, Frengopoulos C, Payne M, Viana R, Hunter SW. (2020). "Dynamic balance and its association with future objective and subjective mobility after inpatient rehabilitation for people with lower extremity amputations: A prospective study". The Journal of Rehabilitation Medicine. 68th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting (Virtual Academic Day). [Online. Conference date: May 2020].
4. Fuller K, **Omana H**, Frengopoulos C, Payne M, Viana R, Hunter SW. (2019). "Reliability, validity, and agreement of the short-form Activities-Specific Balance Confidence Scale in people with lower extremity amputations". The Journal of Rehabilitation Medicine. 67th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting, Ottawa, Canada. [Conference date: May 2019].
5. **Omana H**, Payne M, Viana R, Hunter SW. (2019). "Fear of falling as a cognitive distractor affecting mobility in people with a lower limb amputation". The Journal of Rehabilitation Medicine. 67th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting, Ottawa, Canada. [Conference date: May 2019].
6. Cieslak G, **Omana H**, Payne M, Viana R, Hunter SW. (2019). "The association between changes in subjective and objective measures of mobility in lower limb amputees after inpatient rehabilitation: A prospective study". The Journal of Rehabilitation Medicine. 67th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting, Ottawa, Canada. [Conference date: May 2019].
7. **Omana H**, Payne M, Viana R, Hunter SW. (2019). "Obstacle negotiation and dual-tasking in people with a unilateral transtibial amputation". Scholarship@Western. The Western Research Forum (WRF), London, Canada. [Conference date: Mar 2019].
8. Cohen EJ, Danells CJ, **Moreno HA**, McIlroy WE. (2013). "Characteristics of recovery after stroke: A focus on cognitive, mood and physical function". Stroke. The 4th Canadian Stroke Congress, Montreal, Canada. [Conference date: Oct 2013]. Doi: 10.1161/01.str.0000438095.11293.72.

PRESENTATIONS

Summary:

	First author and presenter	Co-author	Total
Local conference	3	--	3
Provincial conference	2	--	2
National conference	3	4	7
International conference	6	5	11
General public	14	2	16

Academic

1. **Omana H**, Payne MW, Viana R, Hunter SW. (2023). "The falls-related predictive validity of dual-task gait testing in people with lower limb amputation". Parkwood Institute Research (PIR) – Research Day. [Local Conference], London, Canada.

2. **Omana H.** (2022). "Dual-task balance and gait testing in people with lower limb amputations". PM&R Resident Research Day [*Local Conference*], London, Canada.
3. **Omana H,** Madou E, Hunter SW. (2022). "Beneficial effects on gait of 4-wheeled walker use in people with Alzheimer's dementia: A pilot study". The International Society of Posture and Gait Research (ISPGR) World Congress 2022 [*International Conference*], Montreal, Canada [Virtual poster presentation].
4. **Omana H,** Frengopoulos C, Montero-Odasso M, Payne MW, Viana R, Hunter SW. (2022). "Association of cognitive status, processing speed, executive function and balance confidence on dynamic balance in people novice at using a lower limb prosthesis". The 2022 Ontario Association for Amputee Care (OAAC) conference [*Provincial Conference*] [Virtual poster presentation].
5. **Omana H,** Madou E, Montero-Odasso M, Payne MW, Viana R, Hunter SW. (2021). "The effect of dual-task testing on the balance and gait of people with lower limb amputations: A systematic review". The Canadian Association of Physical Medicine & Rehabilitation Conference (CAPM&R) [*National conference*] [Virtual poster presentation].
6. **Omana H,** Frengopoulos C, Hunter SW, Montero-Odasso M, Payne MW, Viana R. (2021). "Association between concern for falls and walking among people with lower-limb amputations". The 9th Biennial Australian and New Zealand Falls Prevention Society Conference (ANZFPS) [*International Conference*] [Virtual poster presentation].
7. Sureshkumar A, **Omana H,** Frengopoulos C, Payne M, Viana R, Hunter SW. (2020). "Concern of falling and its association with future mobility, quality of life and social satisfaction in people with lower extremity amputations: A prospective study". The 68th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting [*National conference*] [Virtual poster presentation].
8. Coupland R, **Omana H,** Frengopoulos C, Payne M, Viana R, Hunter SW. (2020). "Dynamic balance and its association with future objective and subjective mobility after inpatient rehabilitation for people with lower extremity amputations: A prospective study". The 68th Annual Canadian Association of Physical Medicine & Rehabilitation (CAPM&R) Scientific Meeting [*National Conference*] [Virtual poster presentation].
9. **Omana H,** Madou E, Montero-Odasso M, Payne MW, Viana R, Hunter SW. (2020). "Dual-task balance and gait in adults with diabetes: A systematic review". 4th Biennial Canadian Bone and Joint Conference (CBJC) [*National conference*] [Virtual poster presentation].
10. **Omana H,** Madou E, Divine A, Wittich W, Hill KD, Johnson AM, Holmes JD, Hunter SW. (2020). "Learning the use of a mobility aid in healthy young and older adults". The 5th Canadian Fall Prevention Conference: Connecting Communities: Prevention Across the Lifespan [*National conference*], Saskatoon, Canada. [Podium presentation. Cancelled due to COVID-19].
11. Cieslak G, **Omana H,** Payne M, Viana R, Hunter SW. (2019). "The association between changes in subjective and objective measures of mobility in lower limb amputees after inpatient rehabilitation". The International Society for Prosthetics and Orthotics International (ISPO) at RehabWeek 2019 [*International Conference*], Toronto, Canada. [Poster presentation].
12. **Omana H,** Payne M, Viana R, Hunter SW. (2019). "Fear of falling as a cognitive distractor affecting mobility in people with a lower limb amputation". The International Society for Prosthetics and Orthotics International (ISPO) at RehabWeek 2019 [*International Conference*], Toronto, Canada. [Poster presentation].

13. Fuller K, **Omana H**, Frengopoulos C, Payne M, Viana R, Hunter SW. (2019). "Reliability, validity, and agreement of the full and short-form Activities-specific Balance Confidence Scale in people with lower extremity amputations". The International Society for Prosthetics and Orthotics International (ISPO) at RehabWeek 2019 [*International Conference*], Toronto, Canada. [Poster presentation].
14. Hunter S, Divine A, **Omana H**, Wittich W, Hill K, Johnson A, Holmes J. (2019). "Effect of learning to use a mobility aid on gait and cognitive demands in people with mild to moderate Alzheimer's disease: Part I – Cane". 52nd Australian Association of Gerontology (AAG) Conference [*National Conference*], Sydney, Australia. [Podium presentation].
15. Hunter SW, Divine A, **Omana H**, Wittich W, Hill KD, Johnson AM, Holmes JD. (2019). "Effect of learning to use a single-point cane on gait and cognitive demands of walking in people with mild to moderate Alzheimer's dementia". 2019 International Society of Posture & Gait Research (ISPGR) Conference [*International Conference*], Edinburgh, United Kingdom. [Poster presentation].
16. **Omana H**, Payne M, Viana R, Hunter SW. (2019). "Obstacle negotiation and dual-tasking in people with a unilateral transtibial amputation". The Western Research Forum (WRF) [*Local Conference*], London, Canada. [Poster presentation].
17. Hunter SW, Divine A, **Omana H**, Holmes JD, Johnson AM, Hill KD, Wittich W. (2019). "Examining the relationship between visual acuity, executive function and postural control in cognitively healthy adults and adults with Alzheimer's dementia". 2019 International Society of Posture & Gait Research (ISPGR) Conference [*International Conference*], Edinburgh, United Kingdom. [Poster presentation].
18. Hunter SW, **Omana H**, Wittich W, Hill KD, Johnson AM, Holmes JD. (2019). "Effect of multi-tasking on walking in adults with Alzheimer's dementia experienced in 4-wheeled walker use". 2019 International Society of Posture & Gait Research (ISPGR) Conference [*International Conference*], Edinburgh, United Kingdom. [Poster presentation].
19. **Omana H**, Payne M, Viana R, Hunter SW. (2019). "The Exploration of Dual-Task Gait Testing as a Clinical Tool to Inform Rehabilitation in Lower-Limb Amputees". The Health & Rehabilitation Sciences (HRS) Graduate Research Conference [*Local Conference*], London, Canada. [Poster presentation].
20. **Omana H**, McIlroy W. (2015). "The influence of attention on perturbation evoked potentials". Southern Ontario Neuroscience Association (SONA) Annual Meeting [*Provincial Conference*], Hamilton, Canada. [Poster presentation].
21. **Omana H**, McIlroy W. (2015). "Revealing the person-specific characteristics of the control of upright balance in younger adult". Society for Neuroscience (SfN) Annual Meeting [*International Conference*], Chicago, United States. [Poster presentation].
22. **Omana H**, Kennedy A, McIlroy W. (2014). "Cortical activity associated with the removal of vision in quiet stance". Society for Neuroscience (SfN) Annual Meeting [*International Conference*], Washington, United States. [Poster presentation].
23. Cohen EJ, Danells CJ, **Moreno HA**, McIlroy WE. (2013). "Characteristics of recovery after stroke: a focus on cognitive, mood and physical function". The 4th Canadian Stroke Congress [*National Conference*], Montreal, Canada. [Poster presentation].

General Public

1. **Omana H**. (2023). "Attitudes, rehabilitation and older people". Invited lecturer, Savonia University of Applied Sciences, Kuopio, Finland.

2. **Omana H**, Campel D, Christie A. (2020). "How to create a poster". Academic Committee Seminar Series, Society of Graduate Students (SOGS), The University of Western Ontario, London, Canada.
3. **Omana H**. (2020). "Mobility aids, learning and walking". Retiring with Strong Minds at The Hamilton Road Senior Centre, London, Canada.
4. **Omana H**. (2019). "The exploration of dual-task gait testing as a clinical tool to inform rehabilitation in lower-limb amputees". Faculty of Health Sciences and Biomedical Engineering Collaborative Research Day, London, Canada.
5. Aatonen M, Auclair I, Bertschmann J, Cluchaine C, Murray L, **Omana H**. Project Supervisor: Dr. Alan Cohen. (2019). "Does lack of social support accelerate biological aging? a longitudinal study of social factors, chronic diseases and biological aging mechanisms in older adults". Canadian Institutes of Health Research's (CIHR) Institute of Aging 2019 Summer Program in Aging, Quebec, Canada.
6. Elekanachi R, Johnson K, **Omana H**, Salim S, Trotman M. Project Supervisor: Dr. Mark Carpenter. (2019). "Influence of virtual height-induced threat on postural responses to multi-axis rotational perturbations". The Origins of Balance Deficits and Falls (OBDAF) Research Cluster's Summer School on "Wearable Sensors for Balance & Movement", Vancouver, Canada.
7. **Omana H**. (2019). "Thinking through the steps". Faculty of Health Sciences Three Minute Thesis (3MT) Competition, The University of Western Ontario, London, Canada.
8. **Omana H**. (2019). "Obstacle negotiation and dual-tasking in people with a unilateral transtibial amputation", The GradCast Radio Show, CHRW 94.9 FM ("Radio Western"), <https://gradcastradio.podbean.com/e/episode-223-western-research-forum-part-1/>
9. **Omana H**. (2018). "How do we prevent falls? Falls Prevention Month 2018". Falls Prevention Month Event, The Village of Winston Park, Schlegel Villages Communities, Kitchener, Canada.
10. **Omana H**. (2018). "Movement and motor control- Part II". PT9514a- Neuroscience for Physical Therapists, School of Physical Therapy, The University of Western Ontario, London, Canada.
11. **Omana H**. (2018). "Movement and motor control- Part I". PT9514a- Neuroscience for Physical Therapists, School of Physical Therapy, The University of Western Ontario, London, Canada.
12. **Omana H**, Bolton R. (2017). "Vision and falls: Falls Prevention Month 2017". Falls Awareness Event, The Village of Winston Park, Schlegel Villages Communities, Canada.
13. **Omana H**, Bolton R. (2017). "Falls in Older Adults: An Open Forum". Falls Awareness Event, The Village of Winston Park, Schlegel Villages Communities, Kitchener, Canada.
14. **Omana H**. (2015). "The role of the brain in balance control". 2015 Faculty of Applied Health Sciences Three Minute Thesis (3MT) Competition, The University of Waterloo, Waterloo, Canada.
15. **Omana H**, Salgado I, Siddique M. (2013). "WE CARE SOLAR. Humanitarian Initiatives Committee (HIC): Humanitarian Student Design Competition". 24th Canadian Conference on Electrical and Computer Engineering. Institute of Electrical and Electronics Engineers, Niagara, Canada.
16. **Omana H**. (2012). "Xsens and GAITRite Technologies". FutureLAB: Opening of Neurointervention labs. Heart and Stroke Foundation Centre for Stroke Recovery at Sunnybrook Health Sciences Centre, Toronto, Canada.

SCHOLARLY AND PROFESSIONAL ACTIVITIES

Academic Committees

1. Committee Member, Academic Committee (Abstract Coordinator), Society of Graduate Students (SOGS), The University of Western Ontario (2019 – 2021).
 - Committee in charge of organizing the largest graduate student conference at The University of Western Ontario. As an Abstract Coordinator, I was in charge of 1) managing the online portal for abstract submissions (Scholarship@Western) and 2) overseeing work of six Abstract Officers scoring and reviewing conference submissions. Website: <https://ir.lib.uwo.ca/wrf/>.
2. Committee Member, Academic Committee (Abstract Reviewer), Society of Graduate Students (SOGS), The University of Western Ontario (2018 -2019).
 - This committee of graduate students coordinates the annual Western Research Forum, an opportunity for students to present their research. [Duty: development of abstract marking scheme, Abstract Reviewer, Communications Officer]. Website: <https://ir.lib.uwo.ca/wrf/>.
3. Committee Member, Schlegel Functional Fitness Assessment Committee, Research Institute for Aging (RIA) (2017 – 2018).
 - In collaboration with Dr. Lora Giangregorio, Dr. George Heckman, and Dr. Richard Hughson, orchestrated the advancement of the Schlegel Functional Fitness Assessment (SFFA), a tool used by both clinicians and researchers to record and track the mobility of older adults living in one of 13 retirement homes located in Ontario.

Professional Committees

1. Member, IDAR Framework Working Group, Middlesex London Ontario Health Team (2024 – *Present*).
2. Member, Research Ad Hoc Working Group, London Health Sciences Centre, St. Joseph's Health Care London, Lawson Health Research Institute (2024 – *Present*).
 - This working group is in charge of the development of the revised scientific categories for the new research institutes for London Health Sciences Centre and St. Joseph's Health Care London, respectively.
3. Committee Member, Item Writing Committee, College of Kinesiologists of Ontario (CKO) (2019 – 2020).
 - This committee is responsible for the development of the Registered Kinesiologist (R.Kin) professional regulatory examinations.
4. Committee Member, Village Advisory Committee, The Village of Winston Park, Schlegel Villages Communities (2017 – 2018).
 - Successfully collaborated with staff and residents in the implementation of various initiatives focused on bringing forth a Culture of Change into retirement homes and long-term facilities.
5. Co-chair, Health and Safety Committee, The Village of Winston Park, Schlegel Villages Communities (2017 – 2018).
 - As part of a monthly leadership team, investigated and acted upon WSIB and near-misses incident reports in order to maintain a safe working environment for all employees.

Journal Review Activities

1. Reviewer, *Clinical Biomechanics*, Elsevier B.V.
2. Reviewer, *International Journal of General Medicine*, Dove Medical Press.
3. Reviewer, *BMJ Open*, BMJ Publishing Group Ltd.
4. Reviewer, *PMR: The journal of Injury, Function, and Rehabilitation*, Wiley Online Library.
5. Reviewer, *Gait & Posture*, Elsevier B.V.
6. Reviewer, *The Canadian Journal of Occupational Therapy*, Sage Publications.
7. Reviewer, *Disability and Rehabilitation*, Taylor & Francis Group, Informa UK Limited.
8. Reviewer, *Archives of Gerontology and Geriatrics*, Elsevier B.V.
9. Reviewer, *APMR: Archives of Physical Medicine and Rehabilitation*, Elsevier B.V.
10. Reviewer, *PLOS ONE*, PLOS.
11. Reviewer, *Journal of Motor Behavior*, Informa UK Limited.
12. Reviewer, *Physical & Occupational Therapy in Geriatrics*, Informa UK Limited.

Conference Review Activities

1. Poster judge, The 2023 Parkwood Institute Research – Research Day, Parkwood Institute. Single blind. April 2023. Number of works reviewed: 10.
2. Poster judge, The 2022 Health & Rehabilitation Sciences (HRS) Graduate Research Conference, The University of Western Ontario. Blind. Feb 2022. Number of works reviewed: 4.
3. Poster Judge, The 2021 School of Physical Therapy Research Day, The University of Western Ontario. Blind. Jul 2021. Number of works reviewed: 3.
4. Abstract Reviewer, The 2021 Canadian Association on Gerontology Conference (CAG) “Hindsight 20/20: Looking Back for a Vision Forward in Gerontology”. Blind. May 2021. Number of works reviewed: 15.
5. Poster Judge, The 2021 Western Student Research Conference (WSRC), University Student's Council, The University of Western Ontario. Blind. Mar 2021. Number of works reviewed: 6.
6. Abstract review coordinator and poster judge, The 2021 Western Research Forum (WRF), The University of Western Ontario. Double blind. Jan - Mar 2021. Number of works reviewed: 34.
7. Poster Judge, The 2020 School of Physical Therapy Research Day, The University of Western Ontario. Blind. Jul 2020. Number of works reviewed: 3.
8. Abstract Reviewer, The 2020 Western Research Forum (WRF), The University of Western Ontario. Double blind. Jan - Feb 2020. Number of works reviewed: 37.
9. Abstract Reviewer, The 2020 Health & Rehabilitation Sciences (HRS) Graduate Research Conference, The University of Western Ontario. Double blind. Nov - Dec 2019. Number of works reviewed: 5.
10. Poster Judge, The 2019 School of Physical Therapy Research Day, The University of Western Ontario. Blind. Jul 2019. Number of works reviewed: 2.
11. Abstract Reviewer, The 2019 Canadian Association on Gerontology Conference (CAG), The Université de Moncton. Blind. May 2019. Number of works reviewed: 20.
12. Poster Judge, The 2019 Western Student Research Conference (WSRC), University Student's Council, The University of Western Ontario. Blind. Mar 2019. Number of works reviewed: 8.
13. Abstract Reviewer, The 2019 Western Research Forum (WRF), Society of Graduate Students, The University of Western Ontario. Double blind. Feb 2019. Number of works reviewed: 16.
14. Case Competition Judge, SciNapse Undergraduate Science Case Competition, The University of Ottawa. Double blind. Nov - Dec 2016. Number of works reviewed: 10.

Research Funding Application Assessment Activities

1. Academic reviewer, The U.S.-Israel Binational Science Foundation. Jan 2024. Number of works reviewed: 1.
2. Academic reviewer, The Canadian Musculoskeletal Rehab Research Network Review Committee (Pilot Grant Program), Funder. Blind. Jun - Jul 2020. Number of works reviewed: 3.

Advocacy and Knowledge Translation Activities

1. Facilitator, School of Physical Therapy, “Master of Physical Therapy Program Competency Accreditation”, The University of Western Ontario. Jan 2021 - Jul 2022.
 - Facilitated the work on a report to Physiotherapy Education Accreditation Canada (PEAC) for the accreditation of the MPT program at Western University.
 - The project involved coordinating with all faculty members on evidence of meeting competencies for each course and year of the MPT program.
 - The overall report was over 600 pages and resulted in Western University receiving a fully compliant evaluation until 2029.
2. Lead, Community Engagement, “The SOGS COVID-19 Summer 2020 Survey Report”, Society of Graduate Students (SOGS), The University of Western Ontario. Jun - Jul 2020.
 - The SOGS COVID-19 Summer 2020 Survey Report is currently being used to advocate for graduate students amid Canada's quarantine. For many, research studies have been halted, bringing upon uncertainty in all aspects of life. This report has been shared with the SOGS members and staff, and with Western's School of Graduate and Postdoctoral Studies and Western's Student Experience. A total of 421 graduate students responded to the survey in a span of two weeks.
 - Role: The creation and analysis of a questionnaire to better understand: 1) the impact of COVID-19 on graduate work, 2) the areas for concern for graduate students, 3) the areas of concern for upcoming graduate Teaching Assistants, 4) the perception of current SOGS advocacy, 5) and preferences for graduate communication.

CONTINUING EDUCATION

Research Training (n=8)

1. “Indigenous Community Research Partnerships Certificate”, Queen’s University. 2024.
2. “Sex and Gender in Primary Data Collection with Humans Certificate”, Canadian Institutes of Health Research. 2019.
3. “Sex and Gender in Biomedical Research Certificate”, Canadian Institutes of Health Research. 2019.
4. “Sex and Gender in the Analysis of Data from Human Participants Certificate”, Canadian Institutes of Health Research. 2019.
5. “Good Clinical Practice (GCP) Canada”, Collaborative Institutional Training Initiative (CITI). 2018.
6. “Health Canada Division 5 - Drugs for Clinical Trials Involving Human Subjects”, Collaborative Institutional Training Initiative (CITI). 2018.
7. “IDEAS Foundations of Quality Improvement Program”, University of Western Ontario. 2017.
8. “Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on Research Ethics (TCPS 2: CORE)”, Government of Canada. 2015.

Other Academic Training (n=9)

1. “Six Sigma Green Belt Certification”, IN PROGRESS, American Society for Quality. 2024.
2. “San'yas Indigenous Cultural Safety Certificate”, ICS Ontario. 2024.
3. “MobilizeYU (Knowledge Mobilization) Certificate”, York University. 2020.
 - Selected for the first cohort of students to undergo training related to knowledge mobilization in older adult research. This program was a collaboration between the Canadian Association on Gerontology (CAG) and the Knowledge Mobilization Unit at York University.
4. Libin International Trainee, The University of Calgary. 2020.
 - Selected and funded (\$1000) to attend the Libin International Trainee Symposium, a collaboration between The University of Calgary and Alberta Health Services. The aim of the symposium was to educate aspiring Scientists on how to integrate sex and gender analysis to their clinical research.
5. “Certified Peer Reviewer”, Elsevier, Researcher Academy. 2020.
6. The Origins of Balance Deficits and Falls (OBDAF) Research Cluster's Wearable Sensors for Balance & Movement Summer Program Trainee, University of British Columbia. 2019.
 - One of 14 Canadian trainees from the Canadian MSK Rehab Research Network to be funded (\$1,400) to attend the interdisciplinary summer program on the use of wearable technology in clinical research. This was a collaboration between the University of British Columbia (OBDAF cluster), The University of Calgary (We-TRAC), and the Canadian MSK Rehab Research Network.
7. Canadian Institutes of Health Research's (CIHR) Institute of Aging Summer Program in Aging Trainee, Canadian Institutes of Health Research. 2019.
 - One of 35 Canadian trainees selected and funded to be part of an advanced aging research training program. This was a collaboration between The CIHR Institute of Aging and The Quebec Network for Research on Aging. The theme of the program was: "Geroscience: A novel interdisciplinary approach for research on aging".
8. “SafeTALK: Suicide Alertness for Everyone Certificate”, LivingWorks Education. 2019.
9. “Fundamentals of University Teaching”, Centre for Teaching Excellence, University of Waterloo. 2016.
 - Accredited by the Educational Developers Caucus (EDC), The Fundamentals of University Teaching Certificate provides graduate students with the tools and knowledge to apply evidence-based techniques to higher education teaching. Recipients attended six hands on workshops on lessons planning, interactive methods of teachings, and assessments tools for quality improvement. At the end of the program students applied their new skills to use through by leading three microteaching sessions that offer the opportunity for practice and constructive feedback.