

CURRICULUM VITAE

PAULA RUSHTON

Occupational Therapy Program – School of Rehabilitation

Faculty of Medicine – University of Montreal

Section I- Identification and Personal Information

LAST NAME	Rushton
FIRST NAME	Paula W.
GENDER	
ADDRESS	
PHONE NUMBER	
E-MAIL ADDRESS	
BIRTH DATE	
PLACE OF BIRTH	
CITIZENSHIP	
LANGUAGES	English: speak, read, write French: speak, read, write
WORKING LICENCE AT THE QUEBEC COLLEGE OF OCCUPATIONAL THERAPISTS	99-170
SCHOOL	School of Rehabilitation
DEPARTMENT	Occupational Therapy
PRACTICING MAIN PLACE AND CONTACT	École de réadaptation 7077, avenue du Parc Bureau 469 Montreal (Québec) Canada Telephone: 514 343-6111 #7745
START DATE	2014/03

January 12, 2022

Date

Signature

Section II- Education, Degrees, Maintenance of Professional Knowledge, Experience

Education and Degrees

- 2006/09 – 2010/12 PhD in Rehabilitation Sciences, University of British Columbia, Canada
Measuring Confidence with Wheelchair Use, under the supervision of Dr. Bill Miller
- 1997/09 – 1999/05 MCIsc(OT) in Occupational Therapy, University of Western Ontario, Canada
- 1995/09 – 1996/04 Certificate in Gerontology, Mount Saint Vincent University, Nova Scotia, Canada
- 1989/09 – 1993/05 BSc (Biology and Psychology), Mount Allison University, New Brunswick, Canada

Postdoctoral Fellowship

- 2011/01 – 2014/03 Postdoctoral fellowship in Rehabilitation Sciences, Université de Montréal and Centre de Recherche de l'Institut universitaire de gériatrie de Montreal, Québec
The Natural History and Measurement of Power Mobility Use Among Older Adults and Caregivers, under the supervision of Dr. Louise Demers

Maintenance of Professional Knowledge

- 2019/10 Cognition and Powered Mobility : Evidence for Evaluation and Training. Consensus Meeting, Québec City, Québec
- 2018/08 Success to the Office Québécois de la Langue Française exam for the Ordre des Ergothérapeutes du Québec
- Since 2016 Biennial participation to the European Seating Symposium
- Since 2016 Annual participation to the International Seating Symposium
- 2015/10 Canadian Institutes of Health Research (Institute of Musculoskeletal Health and Arthritis) Young Investigators Forum, Kananaskis, Alberta
- Since 2015 Annual participation to the Rehabilitation Engineering and Assistive Technology Society of North America conference
- Since 2014 Annual participation to the Journée pédagogique du programme d'ergothérapie de l'Université de Montréal
- 2011/11 Strategies for Putting Knowledge into Action Workshop, Vancouver, British Columbia
- 2011/05 Colloque 2.0 Réadaptation - Aides Techniques, Ste Hyacinthe, Quebec
- 2009/10 British Columbia Network for Aging Research Student Training in Aging Research Workshop, Parksville, British Columbia

2009/06	Canadian Institutes of Health Research, Summer Program in Aging, South Shore, Nova Scotia
2009/06	Canadian Institutes of Health Research, Emerging Team Grant Meeting, Wheeled Mobility in Older Adults, Vancouver, British Columbia
2009/05	British Columbia Network for Aging Research, AGM and Annual Conference
2008/11	The 3 rd National Spinal Cord Injury Conference, Innovation, Impact, and Future Directions, Toronto, Ontario
2008/05	Contextualizing Canadian Rehabilitation, University of British Columbia Rehabilitation Research Day, Vancouver, British Columbia
2008/05	Summer Publication and Grant Writing Workshop, Rehabilitation Research Training Program - Developing and Using Evidence to Enhance Quality of Life, Vancouver, British Columbia
2008/03	Disability Health Research Network Student Conference, Disability and Technology: Qualities of Connection, Vancouver, British Columbia
2007/10	Canadian Institutes of Health Research, National Forum on Mobility in Aging: Mobilizing Researchers and Stakeholders, Ottawa, Ontario
2007/05	University of British Columbia, Rehabilitation Research Day, Vancouver, British Columbia
2007/03	Disability Health Research Network Conference, Participation in the Workplace, Vancouver, British Columbia
2003/09	OT Atlantic Conference, Oak Island, Nova Scotia
2003/05	Canadian Seating and Mobility Conference, Toronto, Ontario

Experience and Previous Employment

2005/05 – 2006/08	Research Assistant for the Wheelchair Skills Program at Capital District Health Authority, Nova Scotia Rehabilitation Center site, Nova Scotia, Canada
2004/05 – 2005/05	Occupational Therapy Musculoskeletal Team Leader at Capital District Health Authority, Nova Scotia, Canada
1999/08 – 2006/08	Occupational Therapist at Capital District Health Authority, Nova Scotia, Canada

Grants Obtained During Education

2011/09	Canadian Institutes of Health Research Institute of Aging Fellowship (\$165,000) – 3-year funding for Post Doc
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2011/04	University of Montreal Post Doctoral Award (\$10,000)
2011/04	Fonds de Recherche en santé du Québec (\$60,000) Fellowship – declined – 2-year funding for Post Doc
2008/04	Michael Smith Foundation for Health Research Junior Graduate Studentship Award (\$21,583) – 3-year funding for PhD
2007/09	Canadian Institutes of Health Research Strategic Training Fellowship with the Musculoskeletal and Arthritis Institute (\$30,000) – 3-year funding for PhD
2007/07	Canadian Institutes of Health Research Institute of Aging Fellowship (\$165,000) – 3-year funding for PhD
2006/09	Four Year Fellowship for PhD Student, University of British Columbia - declined
2006/09	Ph.D. Tuition Fee Award, University of British Columbia (\$10,531)

Awards Obtained During Education

2013	Réseau Québécois de Recherche sur le Vieillissement Travel Award (\$840)
2012	International Collaboration on Repair Discoveries Travel Award (\$1,000)
2011	Canadian Association on Gerontology Travel Award (\$36)
2011	Vancouver Coastal Health Research Rising Star Nominee
2010	Canadian Institutes of Health Research Institute of Aging and Quebec Network for Research on Aging, 1 st Prize Student Poster Competition, PhD Category at the Canadian Association on Gerontology Conference (\$500)
2010	GF Strong Rehabilitation Research Day, Best Presentation Award (\$100)
2010	Canadian Association on Gerontology Travel Award (\$452)
2009	Canadian Association on Gerontology Travel Award (\$397)
2009	Disabilities Health Research Network Travel Award (\$1,000)
2008	Canadian Association on Gerontology Travel Award (\$471)
2007	Disabilities Health Research Network Travel Award (\$1,000)
1997	Dean's List, Mount St. Vincent University

Section III- Academic Career

- 2019/05 – Present **Associate Professor**, School of Rehabilitation, Occupational Therapy Program, Faculty of Medicine, University of Montreal
- 2014/03 – 2019/05 **Assistant Professor**, School of Rehabilitation, Occupational Therapy Program, Faculty of Medicine, University of Montreal
- 2014/03 – Present **Researcher**, CHU Ste-Justine, Site Centre de réadaptation Marie-Enfant, Musculoskeletal Health, Rehabilitation and Medical Technologies
- 2006/09 – 2014/02 **Sessional Instructor, Guest Lecturer, Small Group Tutorial Coordinator, Small Group Tutor, Graduate Teaching Assistant, Research Assistant**, Department of Occupational Science and Occupational Therapy, Faculty of Medicine, University of British Columbia

Section IV- Teaching (qualitative and quantitative aspects)

I) Course Load

ERT 6030: Recherche et démarche Clinique (Research Methods and Clinical Approach). Occupational Therapy, Faculty of Medicine, University of Montreal, 57 hours of lectures and integrative activities; 88 students; taught in 2021.

ERT 2401: Ergothérapie auprès de l'adulte 1 (Occupational Therapy and Adults 1). Occupational Therapy, Faculty of Medicine, University of Montreal, 17 hours of lectures and integrative activities, 105 students/year; taught annually since 2017.

ERT 6085: Ergothérapie et l'utilisation du fauteuil roulant (Occupational Therapy and Wheelchair Use). Occupational Therapy, Faculty of Medicine, University of Montreal, 45 hours of lectures and integrative activities, 28-59 students/year; taught annually since 2016.

ERT 60901, 60902, 60903: Projet d'Intégration Seminars (Small Scope Research Project Seminars). Occupational Therapy, Faculty of Medicine, University of Montreal, 30 hours of student supervision closely linked to the course ERT 60911, 60912, 60913, 4 and 6 students/year; taught annually since 2014.

ERT 60911, 60912, 60913: Projet d'Intégration (Small Scope Research Project). Occupational Therapy, Faculty of Medicine, University of Montreal, 90 hours of supervision per student, 4 and 6 students/year; taught annually since 2014.

REA 7000: Critique d'approches en réadaptation (Critical Appraisal in Rehabilitation). School of Rehabilitation, Faculty of Medicine, University of Montreal, 45 hours of lectures, 5-11 students/year; taught in 2014, 2016 and 2018.

ERT 1400: Notions de base en ergothérapie (Fundamentals in Occupational Therapy). Occupational Therapy, Faculty of Medicine, University of Montreal, 30 hours of lectures and integrative activities, 127 and 131 students; taught in 2014 and 2015.

ERT 1430: Compétences de base en ergothérapie (Basic Competencies in Occupational Therapy). Occupational Therapy, Faculty of Medicine, University of Montreal, 15 hours of lectures and integrative activities, 127 and 131 students; taught in 2014 and 2015.

POTH 616: Research Seminars. Occupational Therapy (guest lecturer), Faculty of Medicine, McGill University, 3 hours of lecture, 50 students; taught in 2011.

RSOT 519: Professional Practice I; RSOT 549: Professional Practice II; RSOT 547: Evidence for Practice II; RSOT 511: Fundamentals of Theory & Practice; RSOT 545: Skills & Therapeutic Procedures III; RSOT 551: Societal & Environmental Influences on Practice; RSOT 537: Evidence & Reasoning in Practice; RHSC 587: Major Project Part I; RHSC 589: Major Project Part II; RHSC 585: Directed Studies; MOT 547: Evidence for Practice II. Occupational Therapy, (Sessional Instructor, Guest Lecturer, Small Group Tutorial Coordinator, Small Group Tutor, Graduate Teaching Assistant, Research Assistant), Faculty of Medicine, University of British Columbia, taught from 2006 to 2014.

OCCU 5003: Professional Practice. Occupational Therapy (Guest Lecturer), Faculty of Health, Dalhousie University, taught in 2001 and 2004.

* The students pursuing the course ERT 60911,60912, 60913 are listed below in the section III – Supervision of Graduate Students under the category Professional Masters.

II) Annual Course Load (Continuing Education)

Continuing Education, Occupational Therapy Program, University of Montreal

Rushton PW, Daoust G. Entraîner l'entraîneur: l'évaluation et l'entraînement des habiletés en fauteuil roulant motorisé. (Train the Trainer: Powered Wheelchair Skills Testing and Training), Marie Enfant Rehabilitation Centre, Montreal, Quebec, September 21, 2019, 7 hours, 20 = unknown.

Rushton PW, Daoust G. Entraîner l'entraîneur: l'évaluation et l'entraînement des habiletés en fauteuil roulant (Train the Trainer: Wheelchair Skills Testing and Training), Marie Enfant Rehabilitation Centre, Montreal, Quebec, September 22, 2018, 7 hours, n = 10.

Rushton PW, Daoust G, Routhier F. Entraîner l'entraîneur: l'évaluation et l'entraînement des habiletés en fauteuil roulant (Train the Trainer: Wheelchair Skills Testing and Training), Marie Enfant Rehabilitation Centre, Montreal, Quebec, September 9, 2017, 7 hours, n = 16.

III) Supervision of Graduate Students

Period	Student Name	Program Institution	Project Title Grant if Obtained	Role
Post Doctorate				
2020/09 – 2022/08		Rehabilitation Sciences, University of Montreal	<i>Development of an Educators' Package for Wheelchair Service Provision Globally</i>	Supervisor
2020/09 – 2022/08		École de kinésiologie et des sciences de l'activité physique, University of Montreal	<i>Optimisation d'un support de bras pédiatrique pour une assistance et une réadaptation personnalisées</i>	Co-supervisor
PhD				
2021/09 – 2023/08		Université Laval Department of Rehabilitation	<i>Développement et évaluation d'un programme pédiatrique de téléadaptaton d'entraînement aux habiletés en fauteuil roulant basé sur le Wheelchair Skill Training Program (WSTP-Ped) : Devis multi-méthodes</i>	Thesis committee member
2016/09 – 2020/08 Uncompleted		School of Health and Rehabilitation Sciences, University of Pittsburgh	<i>Development of a Mentoring Program for Wheelchair Service Personnel</i>	Thesis committee member

2016/09 – 2020/08 Uncompleted		Rehabilitation Sciences, University of Montreal	<i>Development of a Serious Video Game for Improving Powered Mobility Skills Among Children</i> Recruitment grant from the School of Rehabilitation, University of Montreal (\$4,500)	Supervisor
MSc				
2021/09 – 2023/08		Rehabilitation Sciences, University of Montreal	<i>Identifying the Fundamental Movement Skills for Pediatric Manual Wheelchair Users: A Step Towards the Development of Inclusive Physical Education and Social Participation</i> La bourse d'exemption des droits supplémentaire de scolarité; Faculty of Medicine; Université de Montréal.	Supervisor
2018/05 – 2020/05		School of Physical and Occupational Therapy, McGill University	<i>Perceptions of Powered Wheelchair Users and Clinicians Regarding a Simulator Prototype</i>	Thesis committee member
2017/09 – 2021/05		Rehabilitation Sciences, University of Montreal	<i>Implementation of the Wheelchair Skills Program in a Pediatric Rehabilitation Centre</i> Knowledge Translation Grant from Ordre des Ergothérapeutes du Québec (\$4,500) Master's Scholarship from Canadian Occupational Therapy Foundation (\$1,500) Faculty of medicine congress grant (\$1,000) Excellence grant from Rehabilitation School (\$2,000)	Supervisor
2012/01 – 2013/09		Rehabilitation Sciences, University of British Columbia	<i>Occupational Therapy Student Qualities: The Perspectives of Preceptors</i>	Supervisor
Professional Masters in Occupational Therapy				

2021/09 – 2022/12		Occupational Therapy, University of Montreal	<i>Développement des produits de transfert de connaissances pour l'implantation du Wheelchair Skills Program en pédiatrie (habiletés communauté)</i>	Supervisor
2021/09 – 2022/12		Occupational Therapy, University of Montreal	<i>Développement des produits de transfert de connaissances pour l'implantation du Wheelchair Skills Program en pédiatrie (habiletés communauté)</i>	Supervisor
2021/09 – 2022/12		Occupational Therapy, University of Montreal	<i>Une revue systématique sur l'entraînement des habiletés en fauteuil roulant</i>	Supervisor
2021/09 – 2022/12		Occupational Therapy, University of Montreal	<i>Une revue systématique sur l'entraînement des habiletés en fauteuil roulant</i>	Supervisor
2019/09 - 2020/12		Occupational Therapy, University of Montreal	<i>Développement des produits de transfert de connaissances pour l'implantation du Wheelchair Skills Program en pédiatrie (habiletés à l'intérieur)</i>	Supervisor
2019/09 - 2020/12		Occupational Therapy, University of Montreal	<i>Développement des produits de transfert de connaissances pour l'implantation du Wheelchair Skills Program en pédiatrie (habiletés à l'intérieur)</i>	Supervisor
2019/09 - 2020/12		Occupational Therapy, University of Montreal	<i>Développement des produits de transfert de connaissances pour l'implantation du Wheelchair Skills Program en pédiatrie</i>	Supervisor
2019/09 - 2020/12		Occupational Therapy, University of Montreal	<i>Développement des produits de transfert de connaissances pour l'implantation du Wheelchair Skills Program en pédiatrie</i>	Supervisor
2019/09 - 2020/12		Occupational Therapy, University of Montreal	<i>Identifying the Fundamental Movement Skills for Pediatric Manual Wheelchair Users: A Step Towards the Development of Inclusive Physical Education and Social Participation</i>	Supervisor

2019/09 - 2020/12		Occupational Therapy, University of Montreal	<i>Identifying the Fundamental Movement Skills for Pediatric Manual Wheelchair Users: A Step Towards the Development of Inclusive Physical Education and Social Participation</i>	Supervisor
2018/09 – 2019/12		Occupational Therapy, University of Montreal	<i>Reliability and validity evaluation of the WheelCon, Pediatric Version</i>	Supervisor
2018/09 – 2019/12		Occupational Therapy, University of Montreal	<i>Reliability and validity evaluation of the WheelCon, Pediatric Version</i>	Supervisor
2018/09 – 2019/12		Occupational Therapy, University of Montreal	<i>Reducing the gap between evidence-based practice and wheelchair skills evaluation and training : Evaluation of barriers related to knowledge use in a pediatric rehabilitation centre</i>	Supervisor
2018/09 – 2019/12		Occupational Therapy, University of Montreal	<i>Reducing the gap between evidence-based practice and wheelchair skills evaluation and training : Evaluation of barriers related to knowledge use in a pediatric rehabilitation centre</i>	Supervisor
2018/09 – 2019/12		Occupational Therapy, University of Montreal	<i>Validation of a wheelchair service provision process knowledge test</i>	Supervisor
2018/09 – 2019/12		Occupational Therapy, University of Montreal	<i>Validation of a wheelchair service provision process knowledge test</i>	Supervisor
2017/09 – 2018/12		Occupational Therapy, University of Montreal	<i>Improving Wheelchair Service Provision Education in University Rehabilitation Programs Globally</i>	Supervisor
2017/09 – 2018/12		Occupational Therapy, University of Montreal	<i>Development of a Pediatric Wheelchair Confidence Measure (WheelCon, Pediatric Version): Item Refinement</i>	Supervisor
2017/09 – 2018/12		Occupational Therapy, University of Montreal	<i>Efficacy of a School-Based Wheelchair Skills Training Course Among Children aged 12 to 21</i>	Supervisor
2017/09 – 2018/12		Occupational Therapy, University of Montreal	<i>Evaluation of a New Pediatric Powered Mobility Skills Training Program Among Children with</i>	Supervisor

			<i>Cerebral Palsy: A Single Subject Research Design</i>	
2016/09 – 2017/12		Occupational Therapy, University of Montreal	<i>Wheelchair Skills Training for Occupational Therapy Students: Comparison of University-Course versus “Boot-Camp” Approaches</i>	Supervisor
2016/09 – 2017/12		Occupational Therapy, University of Montreal	<i>Wheelchair Confidence: Perceptions of Children and Adolescents</i>	Supervisor
2016/09 – 2017/12		Occupational Therapy, University of Montreal	<i>Evaluation of a New Pediatric Powered Mobility Skills Training Program Among Children with Cerebral Palsy: A Single Subject Research Design</i>	Supervisor
2016/09 – 2017/12		Occupational Therapy, University of Montreal	<i>Wheelchair Confidence: Perceptions of Parents</i>	Supervisor
2015/09 – 2016/12		Occupational Therapy, University of Montreal	<i>Evaluation of Wheelchair Skills Among Children: A Literature Review</i>	Supervisor
2015/09 – 2016/12		Occupational Therapy, University of Montreal	<i>Exploration of Wheelchair Confidence in Youth Wheelchair Sports</i>	Supervisor
2015/09 – 2016/12		Occupational Therapy, University of Montreal	<i>A Description of Occupational Therapists’ Current Practices Regarding Power Wheelchair Skills Training with Children in Canadian Rehabilitation Centers</i>	Supervisor
2015/09 – 2016/12		Occupational Therapy, University of Montreal	<i>Wheelchair Confidence: Perceptions of Occupational Therapists</i>	Supervisor
2015/09 – 2016/12		Occupational Therapy, University of Montreal	<i>A Description of Occupational Therapists’ Current Practices Regarding Power Wheelchair Skills Training with Adults in Canadian Rehabilitation Centers</i>	Supervisor
2015/09 – 2016/12		Occupational Therapy, University of Montreal	<i>The Use of Virtual Technology as an Intervention for Wheelchair Skills Training: A Systematic Review</i>	Supervisor

2014/09 – 2015/12		Occupational Therapy, University of Montreal	<i>Powerful or Powerless? Perceptions of Key Stakeholder Groups Regarding Pediatric Powered Mobility Use</i>	Supervisor
2014/09 – 2015/12		Occupational Therapy, University of Montreal	<i>Perceptions of a Multidisciplinary Team Regarding a Pediatric Rehabilitation Modified Needs Assessment</i>	Supervisor
2014/09 – 2015/12		Occupational Therapy, University of Montreal	<i>Powerful or Powerless? Perceptions of Key Stakeholder Groups Regarding Pediatric Powered Mobility Use</i>	Supervisor
2014/09 – 2015/12		Occupational Therapy, University of Montreal	<i>Powerful or Powerless? Perceptions of Key Stakeholder Groups Regarding Pediatric Powered Mobility Use</i>	Supervisor
2014/09 – 2015/12		Occupational Therapy, University of Montreal	<i>Powerful or Powerless? Perceptions of Key Stakeholder Groups Regarding Pediatric Powered Mobility Use</i>	Supervisor
2012/07 – 2013/08		Occupational Therapy, University of British Columbia	<i>Measurement Properties of Eating Behavior Self-Assessment Tools in Adult Bariatric Surgery Populations: A Systematic Review</i>	Co-Supervisor
2012/07 – 2013/08		Occupational Therapy, University of British Columbia	<i>Influence of Training on the Power Wheelchair-Handling Skills of Caregivers</i>	Co-Supervisor
2012/07 – 2013/08		Occupational Therapy, University of British Columbia	<i>Influence of Training on the Power Wheelchair-Handling Skills of Caregivers</i>	Co-Supervisor
2012/07 – 2013/08		Occupational Therapy, University of British Columbia	<i>Combining a Manual Wheelchair and an Exoskeleton: Clinicians’ Perceptions</i>	Co-Supervisor
2012/07 – 2013/08		Occupational Therapy, University of British Columbia	<i>Combining a Manual Wheelchair and an Exoskeleton: Clinicians’ Perceptions</i>	Co-Supervisor
Summer Student Trainee				
2021/05 – 2021/08		MSc in Occupational Therapy University of Montreal	<i>Development of an Educators’ Package for Wheelchair Service Provision Educators Globally</i>	Supervisor

2021/05 – 2021/08		BSc in Physical Therapy University of Montreal	<i>Development of an Educators’ Package for Wheelchair Service Provision Educators Globally</i>	Supervisor
2020/06 - 2020/08		BSc in Cell and Molecular Biology, Concordia University	<i>Development of an Educators’ Package for Wheelchair Service Provision Educators Globally</i>	Supervisor
2020/06 - 2020/08		BSc in Occupational Therapy University of Montreal	<i>Development of an Educator’s Package for Wheelchair Service Provision Educators Globally</i>	Supervisor
2019/06 – 2019/08		BSc in Occupational Therapy University of Montreal	<i>Identifying the Fundamental Movement Skills for Pediatric Manual Wheelchair Users: A Step Towards the Development of Inclusive Physical Education and Social Participation</i>	Supervisor
2019/05 – 2019/08		PhD in Kinésiologie University of Montreal	<i>Simulateur musculo-squelettique hybride de l’épaule pour la compréhension des pathomécanismes chroniques chez les utilisateurs de fauteuils roulant depuis le jeune âge</i> Grant from TransMedTech internship (\$13,500)	Supervisor
2019/05 – 2019/08		MSc in Occupational Therapy University of Montreal	<i>Development of a Toolkit for Educators of the Wheelchair Provision Process: The Seating and Mobility Academic Resource Toolkit (SMART)</i> Grant from ISWP Training Working Group Activities (US\$4,900)	Supervisor
2018/04 – 2018/08		BSc in Occupational Therapy University of Montreal	<i>French Translation and Validation of the ISWP Basic Test</i> Grant from ISWP Training Working Group Activities (US\$4,900)	Supervisor
2017/06 – 2017/08		BSc in Occupational Therapy University of Montreal	<i>Wheelchair Service Provision Education in Health Care Professional University Programs</i>	Supervisor
2016/05 – 2016/08		BSc in Occupational Therapy University of Montreal	<i>Wheelchair Service Provision Education in Academia</i>	Supervisor

			Grant from ISWP Training Working Group Activities (US\$3,000)	
2015/05 – 2015/08		B.Sc. in Occupational Therapy University of Montreal	<i>Social Self-Efficacy Outcome Measures: A Literature Review</i>	Supervisor

IV) Committee Member / Reviewer / Examiner at the University of Montreal

Date	Student Name	Field of Study and Institution	Project Title
Internal Reviewer and Examiner for a Master's Thesis			
2021/03/10		Masters in Rehabilitation Sciences, Faculty of Medicine, School of Rehabilitation, University of Montreal	<i>Effets d'un Test de Propulsion en Fauteuil Roulant sur l'intégrité Tendineuse des Muscles Biceps et Supraépineux : Étude D'imagerie Musculosquelettique par Ultrasonographie</i>
Internal Reviewer and Examiner for a PhD Thesis			
2017/12/21		PhD in Rehabilitation Sciences, Faculty of Medicine, School of Rehabilitation, University of Montreal	<i>Development of a Cardiorespiratory Evaluation Protocol and Training Program among Manual Wheelchair Users</i>
Comprehensive Exam Committee Member			
2021/12		PhD, Doctorat en sciences cliniques et biomédicales, Faculté de médecine, Université Laval	<i>Habile sur mes roues, je vais partout ! Independent wheelchair mobility fosters my possibilities! Co-adaptation and evaluation of the Wheelchair Skills Training Program for improving manual wheelchair skills in children</i>
2020/08		PhD, École de kinésiologie et des sciences de l'activité physique, Faculty of Medicine, University of Montréal	<i>Simulateur musculo-squelettique hybride de l'épaule pour la compréhension des pathomécanismes chroniques chez les utilisateurs de fauteuils roulants depuis le jeune âge</i>
2018/06 – 2019/04		PhD in Rehabilitation Sciences, Faculty of Medicine, School of Rehabilitation, University of Montreal	<i>Development of an Intelligent Power Wheelchair: Needs Assessment and Evaluation in a Real Environment</i>
Sponsoring Committee Member			

2018/08 – Present		PhD in Rehabilitation Sciences Faculty of Medicine, School of Rehabilitation, University of Montreal	<i>Creation and evaluation of a physical activity intervention for persons with a mild traumatic brain injury</i>
2017/09 – 2019/08		MSc in Rehabilitation Sciences Faculty of Medicine, School of Rehabilitation, University of Montreal	<i>The Role of Clothing in Social Inclusion and Participation Among Individuals with Physical Disability</i>

V) Methods and Pedagogic Approaches

Course	Method	Pedagogical Material
ERT 1400: Fundamentals in Occupational Therapy	Lectures	PowerPoint presentations
ERT 1430: Basic Competencies in Occupational Therapy	Lectures	PowerPoint presentations
ERT 2401: Occupational Therapy and Adults 1	Lectures, lab integrated activities	PowerPoint presentations, 5 clinical vignettes
ERT 6085: Occupational Therapy and Wheelchair Use	Lectures, lab integrated activities, flipped classroom using online modules	PowerPoint presentations, integrated activities, clinical vignettes, formative practical evaluations, 6 online modules
REA 7000: Critical Appraisal in Rehabilitation	Lectures	PowerPoint presentations

VI) Other Teaching Activities

Knowledge Translation of the Wheelchair Skills Program

Kirby RL, Smith C, **Rushton PW**, Best KL. Wheelchair Skills Workshop. European Seating Symposium, Dublin, Ireland, June 12, 2018. 8 hours, n=20.

Rushton PW, Power Wheelchair Skills Testing Workshop for Occupational Therapists. Institut de Réadaptation Gingras-Lindsay de Montreal, Montreal, Quebec, May 19, 2016. 8 hours, n=20.

Rushton PW, Daoust G. Manual Wheelchair Skills Training Workshop for Master of Occupational Therapy Students. Marie Enfant Rehabilitation Centre, Montreal, Quebec, April 2 and April 16, 2016. 16 hours total, n=28.

Rushton PW, Kirby RL. Train the Trainer: Power Wheelchair Skills Workshop. Vancouver, British Columbia, February 8, 2014. 8 hours, n=16.

Rushton PW, Giesbrecht E. Manual Wheelchair Skills Training Workshop for Master of Occupational Therapy Students. ICORD, Vancouver, British Columbia, October 22 and 25, 2013. 14 hours, n=32.

Rushton PW, Best K. Manual Wheelchair Skills Training Workshop for Master of Occupational Therapy Students. GF Strong Rehabilitation Centre, Vancouver, British Columbia, August 31, 2012. 8 hours, n=22.

Rushton PW, Kirby RL. Train the Trainer: Manual Wheelchair Skills Workshop. Vancouver, British Columbia, March 19, 2012. 8 hours, n=16.

Rushton PW, Best K. Manual Wheelchair Skills Training Workshop for Clinicians. Building Bridges Conference, Vancouver, British Columbia, February 21, 2012. 3 hours, n=20.

Rushton PW, Best K, Sakakibara B, Giesbrecht E. Wheelchair Skills Training: Train the Trainer for Occupational and Physical Therapists - A Series. GF Strong Rehabilitation Centre, Vancouver, British Columbia, February 15, February 21, March 4, March 10, 2011. 16 hours total, n=30.

Rushton PW, Best K. Manual Wheelchair Skills Training Workshop for Clinicians. Building Bridges Conference, Vancouver, British Columbia, February 22, 2011. 3 hours, n=20.

Rushton PW, Vaughan K, Best K. Manual Wheelchair Skills Training Workshop for Clinicians. Building Bridges Conference, Vancouver, British Columbia, April 27, 2010. 3 hours, n=30.

Kirby RL, Smith C, **Rushton PW**, Routhier F. Wheelchair Skills Training Workshop. Vancouver, British Columbia, March 11, 2009. 6 hours, n=20.

Kirby RL, Smith C, **Rushton PW**, Routhier F. Wheelchair Skills Training Workshop. Toronto Rehabilitation Institute, Toronto, Ontario, November 6, 2008. 3 hours, n=25.

Section V- Research and Scholarly Work

Research Projects and Grants

I) Salary Support Granted from Granting Agencies

Period Granting Agency, Title, Researchers

2021/07 Fonds de recherche du Québec en santé (FRQS), Research Scholar Junior
– 2, Scholar Award
2024/06

2016/07 Fonds de recherche du Québec en santé (FRQS), Research Scholar Junior
– 1, Scholar Award
2020/06

II) Research Projects Granted by Peer Committee Organisms

Period Granting Agency, Title, Type, Researchers

2021/11 Kenyon LK, Aldrich NJ, Chase AM, **Rushton PW**, Best KL. GVSU Skills on
– Wheels. Collaborative Research Grant. Center for Scholarly and Creative
2022/10 Excellence. Grand Valley State University

2021/09 Mitacs (Accelerate), Fundamental movement skills in children with physical
– disabilities, Internship Grant for student, Robert M (PI), Best KL, **Rushton PW**,
2022/08 Hebinck M.

2021/09 CIHR, Effectiveness of the Wheelchair Skills Training Program for improving
– wheelchair skills and related rehabilitation outcomes among children and youth,
2024/08 Operational Grant, Best KL (NPI), **Rushton PW** (Co-PI), Sheriko JM (Co-PI),
Arbour-Nicitopoulos K (co-applicant), Kirby RL (co-applicant), Lamontagne M (co-
applicant), Routhier F.

2020/12 Social Sciences and Humanities Research Council (SSHRC), Fundamental
– movement skills in children with physical disabilities, Operational Grant, Maxime
2021/11 Robert (PI), Best KL, **Rushton PW**.

2020/09 FRQNT, Simulateur à haut réalisme pour entraîner les utilisateurs de fauteuil roulant
– manuel à adopter une technique de propulsion personnalisée qui réduit les troubles
2023/08 musculosquelettiques, Operational Grant, Chénier F (PI), Aissaoui R, Archambault
P, Gagnon D, Routhier F, **Rushton PW**.

2020/06 USAID / ISWP, Development of a Wheelchair Educators' Package, Operational
– Grant, **Rushton PW** (PI), Pearlman J, Goldberg M.
2022/05

- 2020/06 Child-Bright Network, WeeWheel: Enhancing Pediatric Mobility through Tailored
– Resources, Operational Grant, **Rushton PW** (PI), Best KL, Kirby RL, Routhier F,
2022/06 Nadeau C, Héroux D, Rice C, Dib T, Barwick M, Robert M.
- 2019/05 Société Inclusive, Identifying the Fundamental Movement Skills for Pediatric
– Manual Wheelchair Users: A Step Towards the Development of Inclusive Physical
2021/11 Education and Social Participation, Operational Grant, **Rushton PW** (PI), Gauvin-
Lepage J, Best KL, Sol M, Héroux D.
- 2019/05 International Society of Wheelchair Professionals Training Working Group
– Activities, French Translation and Validation of the ISWP Basic Test, Development
2019/08 of SMART (Seating and Mobility Academic Resource Toolkit), Operational Grant,
Rushton PW (PI), Fung KH, Goldberg M, Pearlman J.
- 2019/03 Concours TRAUMA 2019-2020, Réduire l'écart entre les données probantes et la
– pratique dans l'évaluation et entraînement des habiletés en fauteuil roulant:
2021/03 développement d'une intervention en transfert de connaissances, Operational Grant,
Rushton PW (PI), Daoust G, Demers L
- 2019/03 Craig H. Nielsen Foundation Grant, Enhancing Wheelchair Education in Canadian
– Occupational Therapy University Programs, Operational Grant, **Rushton PW** (PI),
2022/02 Giesbrecht E
- 2018/09 Fonds de Recherche du Québec – Nature et Technologies (FRQNT) –
– Regroupement stratégique INTER, Project structurant sur les simulateurs de fauteuil
2019/08 roulant: WheelSims, Operational Grant, Chénier F (PI), Aissaoui R, Archambault P,
Gagnon DH, Routhier F, **Rushton PW**
- 2018/09 Ordre des ergothérapeutes du Québec, Reducing the wheelchair skills testing and
– training evidence-practice gap in a pediatric rehabilitation context: development of a
2019/08 knowledge translation intervention, Operational Grant, **Rushton PW** (PI), Daoust G.
- 2018/04 International Society of Wheelchair Professionals Training Working Group
– Activities, French Translation and Validation of the ISWP Basic Test, **Rushton PW**
2018/08 (PI), Fung KH, Goldberg M, Pearlman J
- 2016/09 Fonds Melio (Fondation du CHU Ste-Justine), Developing Partnerships between
– Knowledge Users and Researchers: A New Approach for Collaboration Between
2017/08 Clinicians and Researchers, Operational Grant, **Rushton PW** (PI), Daoust G,
Hamilton R
- 2016/07 Fonds de recherche du Québec en santé (FRQS), Research Scholars Junior 1,
– Scholar Award, Operational Grant
2020/06
- 2016/05 International Society of Wheelchair Professionals Training Working Group
– Activities, Wheelchair Service Provision Education in Academia, Fung KH,
2016/08 **Rushton PW** (PI), Gartz R, Goldberg M, Toro ML, Seymour N, Pearlman J

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- 2015/11 – 2017/08 Ingénierie de technologies interactives en réadaptation (INTER), Development of a Serious Video Game for Improving Pediatric Power Mobility Skills, Operational Grant, **Rushton PW** (PI), Routhier F, Archambault P, Begon M, Gosselin L.
- 2015/03 – 2017/03 REPAR (Programme 1.1), Evaluating the Implementation Process of Telerehabilitation: A Theory-Driven Case-Study of Telerehabilitation Use in Two Rehabilitation Centres, Operational Grant, Kairy D (PI), Ahmed S, Poissant L, **Rushton PW**, Vincent C, Zidarov D.
- 2015/02 – 2017/02 Translating Research into Care (TRIC) Health Improvement Research Program (IWK Health Centre & Capital Health Halifax), Optimizing the Service Delivery Process of Manual Wheelchairs: A Needs Assessment, Operational Grant, Kirby RL (PI), Adderson J, Smith C, Parker K, MacLeod DA, King M, Philpot T, McAllister M, MacKenzie D, **Rushton PW**.
- 2015/04 – 2020/03 Networks of Centres of Excellence of Canada, Aging Gracefully Across Environments Using Technology to Support Wellness, Engagement and Long Life – (AGE-WELL), Operational Grant, Mihailidis A (PI) + 54 other researchers, including **Rushton PW**.
- 2015/04 – 2020/03 INTOCARE: Innovative Technology for Family Caregivers. AGE-WELL NCE Inc., Mortenson B (PI), Routhier F (PI), Demers L, Wister A, Auger C, **Rushton PW**, Fast J.
- 2014/03 CHU Ste-Justine Start-up Funds
- 2014/03 Université de Montréal Start-up Funds
- 2013/06 – 2018/03 Canadian Institutes of Health Research, Knowledge Translation of a Wheelchair Skills Program for Rehabilitation Clinicians: A Feasibility Study, Operational Grant, **Rushton PW** (PI), Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S.
- 2013/06 – 2015/05 Centre de Recherche Interdisciplinaire en Réadaptation du Montreal Métropolitain (CRIR), Reliability and Validity of the Wheelchair Skills Test Version 4.2 for Power Wheelchair and Intelligent Power Wheelchair Use in Public Spaces, Operational Grant, Kairy D (PI), **Rushton PW**, Demers L, Pineau J, Gourdeau R, Routhier F, Archambault P.
- 2011/12 – 2012/12 Quebec Network for Research on Aging, Intelligent Powered Wheelchair and Social Participation Among Older Adults: Evaluation in a Shopping Center, Operational Grant, Demers L (PI), Routhier F, Forget R, Pineault J, Kairy D, **Rushton PW**.
- 2009/10 – 2015/09 Canadian Institutes of Health Research, Wheeled Mobility for Older Adults, Emerging Team Grant, Miller WC (PI), Demers L, Sawatzky B, Kirby RL, Smith C, Mitchel I, Miller-Polgar J, Mihailidis A, Routhier F, Mackworth A, Little J, Pineau J, Hurd Clarke L, **Rushton PW**, Mortenson B, Auger C, Titus L.

2009/01	British Columbia Network for Aging Research: Student Research Data Collection	\$1,500
–	Award, The Wheelchair Skills Confidence Scale: Development of a New Outcome	
2010/03	Measure, Operational Grant, Rushton PW (PI)	
	Individual grant, principal investigator	
2008/07	British Columbia Rehabilitation Foundation, The Wheelchair Skills Confidence	\$15,000
–	Scale: Development of a New Outcome Measure, Operational Grant, Yip J (PI),	
2010/03	Rushton PW , Miller WC, Kirby RL, Eng JJ.	

III) Research Projects Conducted Without Funding

(All Occupational Therapy Professional Masters Research Projects were completed without funding)

Date	Title
2016/11	The Development of Wheelchair Skills Testing and Training Online Modules
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Present	

Publications

(Underlined names indicate students I have supervised, asterisks follow the senior or corresponding author)

I) Manuals (n=2)

- 1) Kirby RL, **Rushton PW**, Smith C, Routhier F, Axelson PW, Best KL, Betz K, Burrola-Mendez Y, Contepomi S, Cowan R, Giesbrecht E, Lettre J, Kenyon LK, Koontz A, MacKenzie D, Mortenson B, Parker K, Smith E, Sonenblum S, Tawashy A, Toro M, Worobey, L. Wheelchair Skills Program Manual Version 5.1 (2020). Published electronically at Dalhousie University, Halifax, Nova Scotia, Canada. www.wheelchairskillsprogram.ca/eng/manual.php
- 2) **Rushton PW**. Wheelchair Use Confidence Scale (WheelCon) Manual [Internet]. Available from: <http://millerresearch.osot.ubc.ca/files/2013/01/WheelCon-Manual.pdf>

II) Peer Reviewed research or erudition publications (n=47)

- 1) Pituch E, **Rushton PW***, Culley K, Houde M, Lahoud A, Lettre J, Routhier F. (2021) Exploration of pediatric manual wheelchair confidence among key stakeholders: A qualitative study. Disabil Rehabil Assist Technol. <https://doi.org/10.1080/17483107.2021.2001059>.
- 2) Thibault J, Pinard P-Y, **Rushton PW***, Best KL, Sol M, Gauvin-Lepage J. (2021) Physical education for manual wheelchair users in Quebec: A description of teacher training and child integration in elementary and high schools. Journal of Physical Activity Research. 6: 48-58. <http://pubs.sciepub.com/jpar/6/1/7>
- 3) Gowran RJ, Bray N, Goldberg M, **Rushton PW**, Saab M, Constantine D, Ghosh R, Pearlman J. (2021) Understanding the global challenges to access appropriate wheelchairs: Position paper. Int J Environ Res Public Health. 18, 3338. <https://doi.org/10.3390/ijerph18073338>

- 4) Daoust G, **Rushton PW***, Racine M, Leduc K, Assila N, Demers L. (2021) Adapting the Wheelchair Skills Program for Pediatric Rehabilitation Contexts: Recommendations from Key Stakeholders. BMC Pediatr. 21:103. <https://doi.org/10.1186/s12887-021-02564-9>
- 5) Kamalakannan S*, **Rushton PW**, Giesbrecht EM, Rusaw DF, Bouziane S, Nadeau M, McKee J, Gowran RJ, Kirby RL, Pedersen JP, Tasiemski T, Burrola-Mendez Y, Tofani M, Goldberg M, Pearlman J. (2020) Wheelchair Service Provision Education for Healthcare Professional Students, Healthcare Personnel and Educators Across Low- to High-Resourced Settings: A Scoping Review Protocol. Disabil Rehabil Assist Technol. <https://doi.org/10.1080/17483107.2020.1852325>
- 6) **Rushton PW***, Fung K, Gauthier M, Goldberg M, Toro M, Seymour N, Pearlman J. (2020) Development of a toolkit for educators of the wheelchair service provision process: The Seating and Mobility Academic Resource Toolkit (SMART). Human Res Health; 18 :14. doi: 10.1186/s12960-020-0453-6.
- 7) Sol M*, Blomen M, Verschuren O, **Rushton PW**, Visser-Meily A, de Groot JF (2019). Wheelchair mobility confidence scale for Dutch youth using a manual wheelchair. Disabil Rehabil Assist Technol. <https://doi.org/10.1080/17483107.2019.1604832>.
- 8) Fung K, Miller T, **Rushton PW***, Goldberg M, Toro MT, Seymour N, Pearlman J, The International Society of Wheelchair Professionals (2019). Integration of Wheelchair Service Provision Education: Current Situation, Facilitators and Barriers for Academic Rehabilitation Programs Worldwide. Disabil Rehabil Assist Technol. <https://doi.org/10.1080/17483107.2019.1594408>.
- 9) Labbé D*, **Rushton PW**, Mortenson WB, , Demers L, Miller WC (2018). Longitudinal outcomes among family caregivers of power mobility users. Arch Phys Med Rehabil. DOI.org/10.1016/j.apmr.2018.08.194.
- 10) Labbé D*, **Rushton PW**, Mortenson WB, Demers L, Miller WC (2018). Mobility and participation among aging powered wheelchair users: using a life-course approach. Ageing Soc; 100: 656-662.
- 11) Pituch E, **Rushton PW***, Ngo M, Heales J, Poulin Arguin A (2018). Powerful or powerless? Perceptions of key stakeholder groups regarding pediatric powered mobility use. Phys Occup Ther Pedi. DOI:10.1080/01942638.2018.1496964
- 12) Auger C*, **Rushton PW**, Jutai JW, Miller WC (2018). Reliability, convergent validity and applicability of the Assistive Technology Outcome Profile for Mobility for middle-aged and older power wheelchair users. Aust Occup Ther J. 65: 439-448.
- 13) Goldberg M*, Pearlman J, **Rushton PW**, Cooper R (2018). The International Society of Wheelchair Professionals (ISWP): A resource aiming to improve wheelchair services worldwide [Editorial]. Br J Occup Ther; 1-2.
- 14) **Rushton PW***, Daoust G (2018). Wheelchair skills training for occupational therapy students: comparison of university-course versus “boot-camp” approaches. Disabil Rehabil Assist Technol; 11: 1-7.
- 15) Lam JF, Gosselin L, **Rushton PW*** (2018). The use of virtual technology as an intervention for manual and power wheelchair skills training: a systematic review. Arch Phys Med Rehabil; 99: 2313-2341.

- 16) **Rushton PW***, Smith EM, Miller WC, Kirby RL, Daoust G (2018). Reliability and responsiveness of the Self-Efficacy in Assessing, Training and Spotting wheelchair skills (SEATS) outcome measure. *Disabil Rehab Assist Technol*; 14:3, 250-254.
- 17) Kirby RL*, **Rushton PW**, Routhier F, Demers L, Titus L, Miller-Polgar J, Miller WC, Smith C, McAllister M, Theriault C, Matheson K, Parker K, Sawatzky B, Labbé D (2018). The extent to which caregivers enhance the wheelchair skills capacity and confidence of power wheelchair users: a cross-sectional study. *Arch Phys Med Rehabil*; 99: 1295-12302.
- 18) Berardi A, De Santis R, Santilli V, Tofani M, Marquez M, **Rushton PW**, Marucci AR, Galeoto G* (2018). The Wheelchair Use Confidence Scale: Italian translation, adaptation and validation of the short form. *Disabil Rehab*; 13: 575-580.
- 19) Sakakibara B, Miller WC, **Rushton PW***, Miller Polgar J (2018). Rasch analyses of the wheelchair use confidence scale for power wheelchair users. *Arch Phys Med Rehabil*; 99: 17-25.
- 20) **Rushton PW***, Routhier F, Miller WC (2018). Measurement properties of the WheelCon for powered wheelchair users. *Disabil Rehab Assist Technol*; 13(7): 614-619.
- 21) Fung KH, **Rushton PW***, Gartz R, Goldberg M, Toro ML, Seymour N, Pearlman J (2017). Wheelchair service provision education in academia. *AJOD*; 6(0), a340. <https://doi.org/10.4102/ajod.v6i0.340>.
- 22) Mortenson WB*, Demers L, **Rushton PW**, Auger C, Routhier F, Miller WC (2017). Psychometric properties of a power mobility caregiver assistive technology outcome measure. *PLoS ONE*; 12(6): e0178554.
- 23) Kairy D*, Messier F, Ahmed S, Poissant L, **Rushton PW**, Vincent C, Zidarov D, Fillion B, Lavoie V, Lévesque P (2017). Evaluating the implementation process of a new telerehabilitation modality in three rehabilitation settings using the normalization process theory: study protocol. *Int J Healthc Manag*; DOI: 10.1080/20479700.2017.1314119.
- 24) Lavigne J, **Rushton PW***, Trudelle N (2017). Perceptions of a multidisciplinary team regarding a pediatric rehabilitation modified needs assessment. *Scand J Occup Ther*; 24: 431-437.
- 25) **Rushton PW***, Labbé D, Demers L, Miller WC, Mortenson WB, Kirby RL (2017). Understanding the burden experienced by caregivers of older adults who use a powered wheelchair: A cross-sectional study. *GGM*; 3: 1-8.
- 26) **Rushton PW***, Mortenson WB, Viswanathan P, Wang RH, Miller WC, Hurd Clarke L (2017). Intelligent power wheelchairs for residents in long-term care: potential users' experiences and perceptions. *Disabil Rehabil Assist Technol*; 12: 740-746.
- 27) **Rushton PW***, Smith E, Miller WC, Vaughan K (2017). Measuring wheelchair confidence among power wheelchair users: an adaptation of the WheelCon-M using focus groups and a think aloud process. *Disabil Rehabil Assist Technol*; 12(1): 39-46.
- 28) Kirby RL*, Worobey LA, Cowan R, Pedersen JP, Heinemann AW, Dyson-Hydson T, Shea M, Smith C, **Rushton PW**, Boninger ML (2016). Wheelchair skills capacity and performance of manual wheelchair users with spinal cord injury. *Arch Phys Med Rehabil*; 97: 1761-1769.

- 29) **Rushton PW***, Kirby RL, Routhier F, Smith C (2016). Measurement properties of the Wheelchair Skills Test Questionnaire for powered wheelchair users. *Disabil Rehabil Assist Technol*; 11: 400-416.
- 30) Mortenson WB*, Demers L, **Rushton PW**, Auger C, Routhier F, Miller WB (2015). Exploratory validation of a multidimensional power wheelchair outcomes toolkit. *Arch Phys Med Rehabil*; 96: 2184-2193.
- 31) Kirby RL*, Miller WC, Routhier F, Demers L, Mihailidis A, Polgar J, **Rushton PW**, Titus L, Smith C, McAllister M, Theriault C, Thompson K, Sawatzky B (2015). Effectiveness of a wheelchair skills training program for powered wheelchair users: a randomized controlled trial. *Arch Phys Med Rehabil*; 96: 2017-2026.
- 32) Barclay KS, **Rushton PW***, Forwell SJ (2015). Measurement properties of eating behavior self-assessment tools in adult bariatric surgery populations: a systematic review. *Obes Surg*; 25: 720-737.
- 33) Sakakibara BM, Miller WC*, **Rushton PW** (2015). Rasch analyses of the Wheelchair Use Confidence Scale. *Arch Phys Med Rehabil*; 96: 1036-1044.
- 34) **Rushton PW**, Miller WC*, Deathe AB (2015). Minimal clinically important difference of the L test for individuals with lower limb amputation. *Prosthet Orthot Int*; 39: 470-476.
- 35) **Rushton PW***, Kairy D, Archambault P, Pituch E, Torkia C, El Fathi A, Stone P, Routhier F, Forget R, Pineau J, Gourdeau R, Demers L (2015). The potential impact of intelligent power wheelchair use on social participation: perspectives of users, caregivers, and clinicians. *Disabil Rehabil Assist Technol*; 10: 191-197.
- 36) Torkia C, Reid D, Korner-Bitensky N, Kairy D, **Rushton PW**, Demers L, Archambault P* (2015). Power wheelchair driving challenges in the community: a users' perspective. *Disabil Rehabil Assist Technol*; 10: 211-215.
- 37) **Rushton PW***, Routhier F, Miller WC, Auger C, Lavoie MP (2015). French-Canadian translation of the WheelCon-M (WheelCon-M-F) and evaluation of its validity evidence using telephone administration. *Disabil Rehabil*; 37: 812-819.
- 38) Kairy D*, **Rushton PW**, Archambault P, Pituch E, Torkia C, El Fathi A, Stone P, Routhier F, Forget R, Demers L, Pineau J, Gourdeau R (2014). Exploring intelligent power wheelchair use: the users' and caregivers' perspective. *Int J Environ Res Public Health*; 11: 2244-2261.
- 39) **Rushton PW**, Miller WC*, Kirby RL, Eng JJ (2013). Measure for the assessment of confidence with manual wheelchair use (WheelCon-M) version 2.1: reliability and validity. *J Rehabil Med*; 45: 61-67.
- 40) **Rushton PW***, Kirby RL, Miller WC (2012). Manual wheelchair skills: objective testing versus subjective questionnaire. *Arch Phys Med Rehab*; 93: 2313-2318.
- 41) Sawatzky B*, **Rushton PW**, Denison I, McDonald R (2012). Wheelchair skills training program for children: a pilot study. *Aust Occup Ther J*; 59: 2-9.
- 42) **Rushton PW**, Miller WC*, Kirby RL, Eng JJ, Yip J (2011). Development and content validation of the Wheelchair Use Confidence Scale: a mixed-methods study. *Disabil Rehabil Assist Technol*; 6: 57-66.

- 43) **Rushton PW**, Miller WC*, Mortenson WB, Garden J (2010). Satisfaction with participation using a manual wheelchair among individuals with spinal cord injury. *Spinal Cord*; 48:691-696.
- 44) Asano M, **Rushton PW**, Miller WC*, Deathe BA (2008). Predictors of quality of life among individuals who have a lower limb amputation. *Pros Orthot Int*; 32: 231-243.
- 45) Kirby RL*, Gillis J, Boudreau AL, Smith C, **Rushton PW**, Clark-Gallant L, Parker KE, Webber A (2008). Effect of a high rolling resistance training method on the success rate and time required to learn the wheelchair wheelie skill: a randomized controlled trial. *Am J Phys Med Rehabil*; 87: 204-211.
- 46) Kirby RL*, Corkum CG, Smith C, **Rushton PW**, MacLeod DA, Webber A (2008). Comparing performance of manual wheelchair skills using new and conventional rear anti-tip devices: randomized controlled trial. *Arch Phys Med Rehabil*; 89: 480-485.
- 47) **Rushton PW***, Miller WC (2002). Goal attainment scaling in the rehabilitation of patients with lower-extremity amputations: a pilot study. *Arch Phys Med Rehabil*; 83: 771-775.

IV) Peer Reviewed Articles Submitted (n=7)

- 1) Robert MT, Labbé M, Arbour-Nicitopoulos KP, Boulenger A, Batcho CS, Albert U, Hebinck M, Maltais DB, **Rushton PW**, Périnet-Lacroix R, Best KL. Education and measurement are the top priorities to advance physical literacy for individuals with physical disabilities. *Plos One*. Submitted November 29, 2021.
- 2) Giesbrecht E, **Rushton PW**, Dubé E. A survey of wheelchair service provision education in Canadian occupational therapy programs. *Plos One*. Accepted December 8, 2021.
- 3) Ouellet B, **Rushton PW***, Côté A-A, Fortin-Haines L, Lafleur E, Paré I, Barwick M, Kirby RL, Robert MT, Routhier F, Burrola-Mendez Y, Best K. Evaluation of Pediatric-Specific Wheelchair-Skills-Training Tools by Primary Users: A Descriptive Qualitative Study. *BMC Pediatrics*. Submitted October 4 2021.
- 4) Burrola-Mendez Y, Kamalakannan S, **Rushton PW***, Bouziane S, Giesbrecht E, Kirby RL, Gowran RJ, Tasiemski T, Rusaw DF, Goldberg M, Tofanin M, Pedersen J, Pearlman J. Wheelchair service provision education for healthcare professional students, healthcare personnel and educators across low - to high - resourced settings: A scoping review. *Disabil Rehabil Assist Technol*. Submitted October 2021.
- 5) Goldberg M, **Rushton PW**, Kirby RL, Munera S, Kandavel K, Pearlman J Tawashy A. Wheelchair Service Provision Content in Professional Rehabilitation Organizations' Standards Documents and Contemporary Initiatives: A Rapid Review. *Disabil Rehabil Assist Technol*. Submitted September 2021.
- 6) **Rushton PW***, Kawish-Arbelaez D, Levac-Marquis A, Fung K, Daoust G, Ishack M, Goldberg M, Pearlman J. French-Canadian Translation and Adaptation of the Wheelchair Service Provision Basic Test. *Disabil Rehabil Assist Technol*. Submitted September 2021.
- 7) Daoust G, **Rushton PW.*** Manual wheelchair skills testing and training practices in pediatric rehabilitation: A survey study. *Disabil Rehabil Assist Technol*. Submitted February 2021.

V) Non-Peer Reviewed Articles (n=1)

- 1) Monroe R, **Rushton PW**. Caseload Management: The balancing act. Occupational Therapy Now 2008; 10: 17-18.

VI) Other publications or related works

- 1) Lead developer of the Seating and Mobility Academic Resource Toolkit (SMART) that aims to develop and provide teaching resources to users all around the world on the International Society of Wheelchair Professional website (<http://smart.wheelchairnetwork.org/>)
- 2) Co-author of the Wheelchair Skills Assessment and Training component of the Physiopedia MOOC Manual Wheelchair Skills (<https://www.physiospot.com/physiopedia/free-wheelchair-service-provision-course/>)
- 3) Co-author (Goldberg M, **Rushton PW**, Crane B). Webinar: Teaching Strategies and Available Resources for Wheelchair Service Provision Education, 15 avril 2020 (https://www.youtube.com/watch?v=3JEJq9a_Z30)

Section VI- Contribution to the University

Membership in University Committees

University of Montreal

2021	Member, Occupational Therapy Program, Faculty Selection Committee (n=4=6; 1-2 hour meetings)
2014 - Present	Member, Occupational Therapy Program Committee (n=10; 3-hour meetings)
2019 - Present	Member, Continuing Education Committee (n=6, 2-hour meetings / year).
2017 – 2019	Member, Occupational Therapy Program Welcome Committee for New Professors (n=2 2-hour meetings / year). This committee aims to determine the strategies in order to facilitate the welcome and the fast and efficient integration of the new professors.
2015 – 2019	Member, Occupational Therapy Program Assistive Technology Committee (n=4; 1-hour meetings)
2015 – 2017	Member, Occupational Therapy Program Pedagogic Committee (n=10; 2-hour meetings)

Section VII- Scholarly and Professional Activities

Session Moderator (n=3)

- 1) Miller WC, **Rushton PW***, Kirby RL, Demers L, Auger C. The CanWheel Power Wheelchair Outcomes Toolkit: overview and application. The International Seating Symposium; Vancouver, British Columbia; March 2-4, 2016. (Facilitation by PW Rushton)
- 2) **Rushton PW***, Kirby RL, Smith C, Auger C, Demers L. Application of a Power Wheelchair Outcomes Toolkit. Proceedings of the Annual RESNA Conference; Indianapolis, Indiana; June 11-15, 2014. (Facilitation by PW Rushton)
- 3) **Rushton PW***, Demers L, Miller WC, Kirby RL, Smith C, Auger C, CanWheel Research Team. Overview of Power Wheelchair Outcomes Toolkit. Proceedings of the Annual RESNA Conference; Bellevue, Washington; June 22-24, 2013. (Facilitation by PW Rushton)

Invited Presentations (n=15)

- 1) **Rushton PW***. Invited Plenary speaker for the Mediterranean Seating Symposium, Jerusalem, July 2022 (postponed from November 2020 due to COVID).
- 2) **Rushton PW***, Best KL. Importance et mise en application des habiletés fonctionnelles en fauteuil roulant en sport adapté. Congrès en sport adaptés Montréal44. Montréal, Québec, November 27, 2021.
- 3) **Rushton PW***. Physical educators' training and perceptions of integration of manual wheelchair users in Quebec schools. Developing and evaluating physical literacy in children and adults with disabilities Consensus Meeting. Québec City, Québec (via Zoom), June 30, 2020.
- 4) **Rushton PW***. Améliorer la mobilité chez les enfants grâce au transfert de connaissances et l'éducation. CIRRIIS Conférence Midi. Québec City, Québec (via Zoom), October 21, 2020.
- 5) **Rushton PW***. Manual wheelchair skills and confidence: A Practical Workshop. Canadian Seating and Mobility Conference. Toronto, Ontario, May 1, 2019.
- 6) **Rushton PW***. Enhancing wheelchair service provision education in health care professional university programs globally. McGill University Global Health Rehabilitation Initiative Meeting. Montreal, Quebec, February 19, 2018.
- 7) **Rushton PW***. How wheelchair service training in academic settings can build national-level capacity. Workforce Development Panel. Wheelchair Stakeholder Meeting. Bangalore, India, January 15, 2018.
- 8) **Rushton PW***. Integration of wheelchair content into university curricula. Meeting on The Enhancement of Physiotherapy Programs through Networking in Conflict Affected Countries. Amman, Jordan, November 21-22, 2017.
- 9) **Rushton PW***. A Power Wheelchair Outcomes Toolkit: overview and application. Superior Seating & Mobility Conference. Thunder Bay, Ontario, June 1-3, 2017.

- 10) Pearlman J*, **Rushton PW**, Seymour N, Toro M, Eitel S, Kandavel K, International Society of Wheelchair Professionals. Training on wheelchair provision and use in the curricula of rehabilitation professionals. Rehabilitation 2030: A Call for Action. World Health Organization, Geneva, Switzerland, February 6-7, 2017.
- 11) Auger C*, **Rushton PW***. Comment déterminer les besoins cliniques ? Innovation, créativité et communication au service des technologies en réadaptation. Summer School, 2015 REPAR-INTER, Sherbrooke, Quebec, May 31-June 2, 2015.
- 12) **Rushton PW***. Wheeled Mobility Research at the University of British Columbia. Personal Mobility Networking Event, Vancouver, British Columbia, February 2011.
- 13) **Rushton PW***. Connections, Coat-tails, and Collaborations. Disabilities Health Research Network Student Conference: Communicating for Effective Collaboration, Vancouver, British Columbia, February 2010.
- 14) **Rushton PW***, Miller WC. Confidence with Wheelchair Use. The International Collaboration on Repair Discoveries Annual Research Meeting, Vancouver, British Columbia, February 2010.
- 15) **Rushton PW***. Measuring Confidence with Wheelchair Mobility. Michael Smith Foundation for Health Research Trainee Award Banquet, Vancouver, British Columbia, June 2008.

Conference Oral Presentations (n=90)

- 1) Quellet B, **Rushton PW**, Lamontagne ME, Best K. (2021, 23-24 octobre). Habile avec mes roues, je vais partout ! Évaluation et entraînement aux habiletés en fauteuil roulant manuel [communication orale acceptée]. Congrès de l'Association des orthésistes et prothésistes du Québec, Lévis, Qc, Canada.
- 2) **Rushton PW***, Giesbrecht E. Ready to Roll: Wheelchair skills training in preparation for clinical practice. Oceania Seating Symposium, Melbourne, Australia; November 12-14, 2019.
- 3) **Rushton PW***, Daoust G, Michaud M. Effectiveness of a school-based wheelchair skills training program for youth. Oceania Seating Symposium, Melbourne, Australia; 12-14, 2019.
- 4) **Rushton PW***, Goldberg M, Pearlman J. Enhancing education of wheelchair service providers: An overview of current initiatives. Oceania Seating Symposium, Melbourne, Australia; 12-14, 2019.
- 5) Daoust G*, **Rushton PW**, Demers L. Bridging the gap in wheelchair skills testing and training in a Canadian paediatric rehabilitation context. Oceania Seating Symposium, Melbourne, Australia; 12-14, 2019.
- 6) Goldberg M*, **Rushton PW**, Pearlman J. Using Global Resources to Enhance Wheelchair Education in Prosthetics and Orthotics Curricula. The 17th International Society for Prosthetics and Orthotics World Congress; Kobe, Japan; October 5-8, 2019. (Presented by M Goldberg)
- 7) Routhier F*, Beaudoin M, Mortenson WB, Atoyebi O, Wister A, Auger C, Fast J, **Rushton PW**, Plante M, Lettre J, Demers L. Caregivers' Experience of Care and Use of Assistive Technologies. 15th AAATE Conference, Global Challenges in Assistive Technology; Bologna, Italy; August 27-30, 2019. (Presented by M Beaudoin).
- 8) **Rushton PW***, Goldberg M, Pearlman J, Seymour N, Shann S, International Society of Wheelchair

- Professionals. Using Global Resources to Enhance Wheelchair Education in Occupational Therapy University Curricula. 11th Occupational Therapy Africa Regional Group Conference; Accra, Ghana; August 26-29, 2019. (Presented by S Shann).
- 9) Daoust G*, **Rushton PW**, Demers L. Bridging the gap in pediatric wheelchair skills testing and training. Canadian Association of Occupational Therapists National Conference; Niagara Falls, Ontario; May 29-June 1, 2019. (Presented by G Daoust)
 - 10) Beaudoin M*, Routhier F, Atoyebi O, Wister A, Auger C, Fast J, **Rushton PW**, Plante M, Lettre J, Demers L, Mortenson WB. Family Caregivers' Experience of Care and Use of Assistive Technologies. Annual meeting of the Centre de recherche et d'expertise en gérontologie sociale (CREGÉS); Quebec City, Quebec, May 23, 2019. (Presented by M Beaudoin)
 - 11) Beaudoin M, Routhier F*, Atoyebi O, Wister A, Auger C, Fast J, **Rushton PW**, Plante M, Lettre J, Demers L, Mortenson WB (2019). Expérience des proches aidants : Assistance fournie et utilisation des technologies. Colloque annuel du Centre de recherche et d'expertise en gérontologie sociale; Quebec City, Quebec; May 23, 2019. (Presented by M Beaudoin)
 - 12) **Rushton PW***, Daoust G. Educational approaches to improving clinical practice. International Seating Symposium; Pittsburgh, Pennsylvania; March 20-22, 2019. (Presented by PW Rushton & G Daoust)
 - 13) Goldberg M*, **Rushton PW***. Development of a wheelchair training toolkit. Rehabilitation Engineering and Assistive Technology Society of North America 2018 Annual Conference; Washington, D.C.; July 13-15, 2018. (Presented by M Goldberg & PW Rushton)
 - 14) **Rushton PW***, Goldberg M*, Pearlman J, International Society of Wheelchair Professionals. Development and application of a wheelchair education tool kit for university curricula. European Seating Symposium; Dublin, Ireland; June 13-15, 2018. (Presented by PW Rushton)
 - 15) **Rushton PW***, Bouthillier L, Best KL. We can play a sport even in a wheelchair. European Seating Symposium; Dublin, Ireland; June 13-15, 2018. (Presented by PW Rushton)
 - 16) **Rushton PW***, Seymour N, Goldberg M, Shann S. Launch of Wheelchair Training Toolkit for Rehab Training Programs. World Federation of Occupational Therapists Congress 2018; Cape Town, South Africa; May 21-25, 2018. (Presented by PW Rushton & M Goldberg)
 - 17) Daoust G, **Rushton PW***, Demers L. Développement d'une intervention en transfert de connaissances du programme d'habiletés en fauteuil roulant dans un contexte de réadaptation pédiatrique. Journée scientifique Andrée Forget et Conférence Gustave-Gingras; Montreal, Canada; May 16, 2018. (Presented by G Daoust)
 - 18) Atoyebi O, Routhier F, Plante M, Auger C, Demers L, Fast J, Wister AV, **Rushton PW**, Lettre J, Beaudoin M, Mallette D, Mortenson WB* (2018). User-centred innovations for improving the experience of family caregivers of those living with neurocognitive disorders. ISG World Conference of Gerontechnology 2018; St Petersburg, Florida; May 7-11, 2018. (Presented by O Atoyebi)
 - 19) Labbé D, Mortenson WB*, **Rushton PW***, Demers L, Miller WC. The experience of powered wheelchair use over time. A mixed-methods, longitudinal study. World Federation of Occupational Therapists Congress 2018; Cape Town, South Africa; May 21-25, 2018. (Presented by D Labbé)

- 20) Miller T, Fung KH, **Rushton PW***, Goldberg M, Seymour N, Pearlman J. Integration of wheelchair service provision education in prosthetic & orthotic programs in different global context settings. The International Society for Prosthetics and Orthotics Pacific Rim Conference 2018; Lahaina, Hawaii; January 21-24, 2018. (Presented by T Miller)
- 21) Mortenson WB*, Routhier F, Wister A, Auger A, Fast J, **Rushton PW**, Dalle R, Siebrits M, Beaudoin M, Lettre J, Mallette D, Demers L. Typology of Family Caregiver Needs and Technological Solutions. 3rd Annual Conference AGE-WELL2017; Winnipeg, Manitoba; October 18-20, 2017. (Presented by WB Mortenson)
- 22) Pearlman J, Shann S, Seymour N, **Rushton PW***, International Society of Wheelchair Professionals. The situation of wheelchair service provision education for rehabilitation professionals globally. 10th Occupational Therapy Africa Regional Group Conference; Accra, Ghana; September 10-13, 2017. (Presented by S Shann)
- 23) Fung KH, **Rushton PW***. Une description mondiale de l'intégration de la prestation de services de fauteuils roulants dans les programmes universitaires en réadaptation. Symposium des étudiants d'été de l'axe des maladies musculosquelettiques et réadaptation; Montreal, Quebec; August 18, 2017. (Presented by KH Fung)
- 24) Labbé D, **Rushton PW**, Mortenson WB*, Demers L, Miller WC. A longitudinal perspective of the experience of power mobility by older users. 21st International Association of Gerontology and Geriatrics World Congress of Gerontology and Geriatrics; San Francisco, California; July 23-27, 2017. (Presented by D Labbé)
- 25) Labbé D, Miller WC, **Rushton PW**, Routhier F, Demers L, Mortenson WB*, Kirby RL. Experiences and needs of caregivers' of older power wheelchair users. Proceedings of the Annual RESNA Conference; New Orleans, Louisiana; June 26-30, 2017. (Presented by D Labbé)
- 26) Kairy D*, Poissant L, **Rushton PW**, Messier F, Vincent C, Zidarov D, Ahmed S, Filion B, Lavoie V. Telerehabilitation implementation and routine clinical use: preliminary findings from a case study across three rehabilitation centers. International Conference on Virtual Rehabilitation; Montreal, Quebec; June 19-22, 2017. (Presented by D Kairy)
- 27) Seymour N, **Rushton PW***, Pearlman J. Wheelchair service provision education for rehabilitation professionals: current situation, facilitators and barriers, and future directions. The International Society for Prosthetics and Orthotics World Congress 2017; Cape Town, South Africa; May 8-11, 2017. (Presented by N Seymour)
- 28) **Rushton PW***, Smith EM, Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S, Sinanan S. Knowledge translation of the Wheelchair Skills Program in a Canadian rehabilitation centre. The International Society for Prosthetics and Orthotics World Congress 2017; Cape Town, South Africa; May 8-11, 2017. (Presented by PW Rushton)
- 29) **Rushton PW***, Smith EM, Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S, Sinanan S. Reliability of the Self-Efficacy for Assessing, Training and Spotting test for manual wheelchair users. The International Society for Prosthetics and Orthotics World Congress 2017; Cape Town, South Africa; May 8-11, 2017. (Presented by PW Rushton)

- 30) Best KL, Miller WC, **Rushton PW***, Giesbrecht E. With a confident mind and hands on the wheels, you can steer yourself in any direction you feel. The International Society for Prosthetics and Orthotics World Congress 2017; Cape Town, South Africa; May 8-11, 2017. (Symposium by KL Best, WC Miller, PW Rushton, E Giesbrecht)
- 31) Moot R, Tanguay S, **Rushton PW***, Goldberg M. How do we learn the skills to become seating therapists? International Seating Symposium; Nashville, Tennessee; March 2-4, 2017. (Symposium by R Moot, S Tanguay, PW Rushton, M Goldberg)
- 32) **Rushton PW***, Daoust G, Turcotte P. Wheelchair Skills Training: university course vs. boot camp. International Seating Symposium; Nashville, Tennessee; March 2-4, 2017. (Presented by G Daoust)
- 33) **Rushton PW***, Integration Sub-Committee of the International Society of Wheelchair Professionals. A global description of wheelchair service education. International Seating Symposium; Nashville, Tennessee; March 2-4, 2017. (Presented by PW Rushton)
- 34) Mortenson W*, Routhier F, Dalle R, Demers L, Wister A, Auger C, Fast J, **Rushton PW**, Beaudoin M, Lettre J, Mallette D. Family caregivers' needs for innovative technology. 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Montreal, Quebec; October 20-22, 2016. (Presented by W Mortenson)
- 35) Dalle R, Mortenson W*, Routhier F, Demers L, Wister A, Auger C, Fast J, **Rushton PW**, Beaudoin M, Lettre J, Mallette D. Family caregivers' experiences with caregiving-related technology. 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Montreal, Quebec; October 20-22, 2016. (Presented by W Mortenson)
- 36) Labbé D, **Rushton PW**, Demers L, Kirby RL, Mortenson WB, Miller WC*. Understanding the burden experienced by caregivers of older adults who use power mobility. 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Montreal, Quebec; October 20-22, 2016. (Presented by D Labbé)
- 37) Mortenson WB*, Routhier F, Demers L, Wister A, Auger C, Fast J, **Rushton PW**, Dalle R, Beaudoin M, Lettre J, Mallette D. Needs and preferences for innovative technology for family caregivers. World Conference of Gerontechnology; Nice, France; September 28-30, 2016. (Presented by WB Mortenson)
- 38) Fung KH, **Rushton PW***. Une description globale de l'éducation de service en fauteuil roulant. Symposium des étudiants d'été de l'axe des maladies musculosquelettiques et réadaptation; Montreal, Quebec; August 18, 2016. (Presented by KH Fung)
- 39) McDonald R*, **Rushton PW**, Giesbrecht E, Kirby RL, Viswanathan P, Casey J. Outcome measurement in wheelchair seating, positioning and mobility. European Seating Symposium; Dublin, Ireland; June 13-15, 2016. (Symposium by R McDonald, PW Rushton, E Giesbrecht, P Viswanathan, J Casey)
- 40) Casey J*, Gowran RJ, **Rushton PW**, McDonald R, Giesbrecht E, Best KL, Smith C. Appropriate wheelchair provision is primary for living: reflecting on education for professional practice. European Seating Symposium; Dublin, Ireland; June 13-15, 2016. (Symposium by J Casey, RJ Gowran, PW Rushton, R McDonald, E Giesbrecht, KL Best, C Smith)

- 41) Best KL*, Smith C, Giesbrecht E, Archambault P, **Rushton PW**, Smith E, Kirby RL, Miller WC. The evolution of wheelchair skills training in Canada: from gold to bold! European Seating Symposium; Dublin, Ireland; June 13-15, 2016. (Symposium by KL Best, C Smith, E Giesbrecht, P Archambault, PW Rushton, E Smith)
- 42) **Rushton PW***, Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S, Sinanan S. The feasibility of implementing knowledge translation of the Wheelchair Skills Program for manual wheelchairs in a Canadian rehabilitation centre. European Seating Symposium; Dublin, Ireland; June 13-15, 2016. (Presented by PW Rushton)
- 43) **Rushton PW***, Mortenson WB, Visawanathan P, Wang RH, Hurd Clark L, Miller WC. Long-term care facility residents' initial experiences and perceptions of intelligent power wheelchairs. The International Seating Symposium; Vancouver, British Columbia; March 2-4, 2016. (Presented by PW Rushton)
- 44) Miller WC, Mortenson WB, **Rushton PW***, Kirby RL, Viswanathan P, Routhier F. CanWheel: improving power wheeled mobility for older Canadians. The International Seating Symposium; Vancouver, British Columbia; March 2-4, 2016. (Presented by PW Rushton)
- 45) Pituch E, **Rushton PW***. Perceptions des enfants quant à leur utilisation d'un fauteuil roulant motorisé: Résultats préliminaires. Symposium des étudiants d'été: Axe maladies musculosquelettiques et réadaptation, Montreal, Quebec, August 18, 2015. (Presented by E Pituch)
- 46) Kirby RL*, Miller WC, Routhier F, Demers L, Mihailidis A, Miller-Polgar J, **Rushton PW**, Titus L, Smith C, McAllister M, Theriault C, Thompson K, Sawatzky B. Effectiveness of a Wheelchair Skills Training Program for powered wheelchair users: a randomized controlled trial. Annual RESNA Conference; Denver, Colorado; June 12-14, 2015. (Presented by RL Kirby)
- 47) Giesbrecht E*, Miller WC, **Rushton PW**. A wheelchair skills training bootcamp for occupational therapy students improves skills and confidence. Annual RESNA Conference; Denver, Colorado; June 12-14, 2015. (Presented by E Giesbrecht)
- 48) Mortenson WB*, Demers L, **Rushton PW**, Auger C, Routhier F, Miller WC. Exploratory validation of a multidimensional power mobility outcomes toolkit. Canadian Association of Occupational Therapists National Conference; Winnipeg, Manitoba; May 27-30, 2015. (Presented by WB Mortenson)
- 49) **Rushton PW***, Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S, Sinanan S. A wheelchair skills program knowledge translation intervention improves knowledge and confidence among rehabilitation clinicians. Congrès québécois de recherche en adaptation-réadaptation: Rencontre des forces vives et de l'excellence en réadaptation physique; Boucherville, Quebec; May 21-22, 2015. (Presented by PW Rushton)
- 50) Gosselin L, **Rushton PW***. Star Kart. Congrès québécois de recherche en adaptation-réadaptation: la réadaptation en action! Montreal, Quebec; May 18-19, 2015. (Presented by L Gosselin)
- 51) Mortenson WB, **Rushton PW***. Power mobility assessment: safety, skills, confidence and participation. Canadian Association of Occupational Therapy Lunch & Learn Webinar; May 12, 2015. (Presented by PW Rushton & WB Mortenson)

- 52) Miller WC*, **Rushton PW**, Mortenson WB, Smith EM. CanWheel: a Canadian research team dedicated to improving the power mobility opportunities of older adults. International Seating Symposium; Nashville, Tennessee; February 24-25, 2015. (Presented by PW Rushton)
- 53) Demers L*, **Rushton PW**, Miller WC, CanWheel Research Team, Mortenson WB, Jutai JW, Fuhrer M, DeRuyter F, Lenker J. Improving mobility of older adults and mitigating caregiver burden through assistive technology. Invited scientific conference at the Research Initiative for Activity Studies and Occupational Therapy, Department of Public Health, Syddansk Universitet (University of Southern Denmark); Odense, Denmark; February 3, 2015. (Presented by L Demers)
- 54) Kairy D*, **Rushton PW**, Routhier F, Demers L, Archambault P, Forget R, Pineau J. Fauteuil roulant motorisé intelligent et participation sociale. 12^{ème} Édition des Journées de la Recherche du Réseau Québécois de recherche sur le vieillissement; Sherbrooke, Quebec; October 6-7, 2014. (Presented by D Kairy)
- 55) Kirby RL*, Smith C, **Rushton PW**, Routhier F, Miller WC. Wheelchair skills assessment and training for people with spinal cord injury who use wheelchairs: current state of the science. Proceedings of the 6th National Spinal Cord Injury Conference; Toronto, Ontario; October 3-4, 2014. (Presented by RL Kirby)
- 56) **Rushton PW***, Kairy D. Utilisation d'un fauteuil roulant motorisé intelligent (FRMI) et ses impacts sur la participation sociale: étapes pour améliorer un prototype. Proceedings of the Colloque Réadaptation: Aides Techniques; Laval, Quebec; May 8-9, 2014. (Presented by D Kairy)
- 57) Auger C, **Rushton PW***. Profil de mobilité des aînés qui utilisent un fauteuil roulant motorisé dans la communauté. Proceedings of the Colloque Réadaptation: Aides Techniques; Laval, Quebec; May 8-9, 2014. (Presented by C Auger)
- 58) Borisoff JF*, Mattie J, **Rushton PW**, Miller WC. Perceptions of an integrated exoskeleton-wheelchair mobility concept. Proceedings of the 30th International Seating Symposium; Vancouver, British Columbia; March 4-7, 2014. (Presented by JF Borisoff)
- 59) **Rushton PW***, Demers L, Miller WC, CanWheel Research Team. The natural history and measurement of power mobility outcomes among new and experienced older adult power wheelchair users: a one-year longitudinal study. Association for the Advancement of Assistive Technology in Europe; Vilamoura, Portugal; September 19-22, 2013. (Presented by PW Rushton)
- 60) **Rushton PW***, Miller WC, CanWheel Research Team. Understanding and improving power mobility use among older adults: an overview of the CanWheel Program of Research. Association for the Advancement of Assistive Technology in Europe; Vilamoura, Portugal; September 19-22, 2013. (Presented by PW Rushton)
- 61) Kairy D*, Archambault P, **Rushton PW**, Pituch E, Torkia C, Stone P, Routhier F, Forget R, Demers L, Pineau J, Gourdeau R. Perceived Benefits and challenges of intelligent power wheelchair use for social participation: the users' perspective. Proceedings of the Annual RESNA Conference; Bellevue, Washington; June 22-24, 2013. (Presented by D Kairy)
- 62) Routhier F, Miller WC, Demers L, **Rushton PW***, Auger C, Belley A-M, Johnson M-P, Lacroix E, CanWheel Research Team. CanWheel: improving wheeled mobility of older adults. Proceedings of the

- Journée Ressource de l'Institut de réadaptation en déficience physique de Québec; Quebec City, Quebec; June 7, 2013. (Presented by F Routhier)
- 63) Routhier F, Kairy D*, **Rushton PW**, Pituch E, Stone P, Forget R, Demers L, Pineau J, Gourdeau R. Barrières et facilitateurs à l'utilisation d'un fauteuil roulant motorisé intelligent selon la perspective des usagers et de leurs aidants. Colloque Innovation et Soins de Santé : L'Approche Living Lab, ACFAS; Quebec City, Quebec; May 9-10, 2013. (Presented by F Routhier)
- 64) Miller WC*, Sakakibara BM, **Rushton PW**. The prevalence of low confidence with using a wheelchair and its relationship to wheelchair skills. The Gerontechnology Society of America 65th Annual Scientific Meeting; San Diego, California; November 14-18, 2012. (Presented by BM Sakakibara)
- 65) **Rushton PW***, Demers L, Miller WC, CanWheel Research Team. Changes that occur among new and experienced older adult power wheelchair users over six months. Proceedings of the 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Vancouver, British Columbia; October 18-20, 2012. (Presented by PW Rushton)
- 66) Kirby RL, **Rushton PW***, Smith C, CanWheel Research Team. Reliability and validity of the Wheelchair Skills Test Questionnaire version 4.1 for powered wheelchair users. Proceedings of the 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Vancouver, British Columbia; October 18-20, 2012. (Presented by RL Kirby)
- 67) **Rushton PW***, Miller WC, Demers L, CanWheel Research Team. Measuring power wheelchair outcomes: psychometric properties of a new toolkit. Proceedings of the 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Vancouver, British Columbia; October 18-20, 2012. (Presented by PW Rushton)
- 68) **Rushton PW***, Demers L, Miller WC, CanWheel Research Team. Measurement properties of the Wheelchair Use Confidence Scale for power wheelchair users (WheelCon-P). Proceedings of the 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Vancouver, British Columbia; October 18-20, 2012. (Presented by PW Rushton)
- 69) Demers L*, **Rushton PW**, Mortenson WB, Chan E, Miller WC, CanWheel Research Team. Introducing a tool for measuring the impact of power mobility use by older adults on their family caregivers. Proceedings of the 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Vancouver, British Columbia; October 18-20, 2012. (Presented by L Demers)
- 70) Kairy D*, Pituch E, **Rushton PW**, Stone P, Routhier F, Gourdeau R, Pineau J, Forget R, Demers L. Intelligent power wheelchair and social participation: a needs assessment. Proceedings of the Québec Network for Research on Aging 10th Annual Scientific Day; Montreal, Quebec; October 1-2, 2012. (Presented by D Kairy)
- 71) **Rushton PW***, Demers L, Routhier F, CanWheel Research Team. Changes that occur among new and experienced older adult power wheelchair users: a three month follow up. Proceedings of the Annual RESNA Conference; Baltimore, Maryland; June 30-July 2, 2012. (Presented by par PW Rushton)
- 72) **Rushton PW***, Auger C, Mortenson WB, Demers L, Miller WC. Occupational engagement among power wheelchair users. Proceedings of the Canadian Association of Occupational Therapists National Conference; Quebec City, Quebec; June 6-9, 2012. (Presented by PW Rushton)

- 73) **Rushton PW***, Demers L. Reliability and validity of the Wheelchair Use Confidence Scale (WheelCon-P). Proceedings of the CAOT National Conference; Quebec City, Quebec; June 6-9, 2012. (Presented by PW Rushton)
- 74) Chamberlain A, Zonneveld S, Mortenson WB*, Miller WC, **Rushton PW**, Demers L. Older adults' experiences of power mobility: a longitudinal mixed-methods study. Proceedings of the Canadian Association of Occupational Therapists National Conference; Quebec City, Quebec; June 6-9, 2012. (Presented by A Chamberlain)
- 75) Mortenson WB*, **Rushton PW**, Demers L, Miller WC. "There's lots of compromises": Experiences of Canadian power mobility users over time. Proceedings of the Canadian Association of Occupational Therapists National Conference; Quebec City, Quebec; June 6-9, 2012. (Presented by WB Mortenson)
- 76) Routhier F, **Rushton PW***, Mortenson WB Demers L, Miller WC. Portrait de la mobilité des aînés qui utilisent un fauteuil roulant motorisé: résultats préliminaires. Proceedings of the Journée Ressource de l'Institut de réadaptation en déficience physique de Québec; Quebec City, Quebec; June 1, 2012. (Presented by F Routhier)
- 77) **Rushton PW***, Kirby RL, Miller WC. Manual Wheelchair Skills Capacity: Objective testing versus subjective questionnaire. Proceedings of the Dalhousie University Department of Medicine Research Day; Halifax, Nova Scotia; May 17, 2012. (Presented by RL Kirby)
- 78) **Rushton PW***, Demers L, Miller WC, CanWheel Research Team. Mobility among new and experienced older adult power wheelchair users over three months. Proceedings of the GF Strong Rehabilitation Research Day; Vancouver, British Columbia; May 2, 2012. (Presented by PW Rushton)
- 79) **Rushton PW***, Demers L, Routhier F, CanWheel Research Team. Mobility among new and experienced older adult power wheelchair users. Proceedings of the Carrefour des Connaissances 2002-2012: Célébrez la Qualité et la Convergence des Idées; Montreal, Quebec; March 27, 2012. (Presented by F Routhier)
- 80) Smith C, **Rushton PW***, Kirby RL. The natural history and measurement of power wheelchair use: a progress report. Proceedings of the Rehabilitation Research Day; Halifax, Nova Scotia; October 25, 2011. (Presented by C Smith)
- 81) **Rushton PW***, Miller WC. Reliability and validity of the Wheelchair Use Confidence Scale (WheelCon-M). Proceedings of the International Collaboration on Repair Discoveries Annual Research Meeting; Vancouver, British Columbia; February 21, 2011. (Presented by PW Rushton)
- 82) **Rushton PW***, Miller WC. Reliability and validity of the Wheelchair Use Confidence Scale (WheelCon). Proceedings of the 37th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Montreal, Quebec; December 2-4, 2010. (Presented by PW Rushton)
- 83) **Rushton PW***, Miller WC. Item refinement of the Wheelchair Use Confidence Scale. Proceedings of the Canadian Association of Occupational Therapists Annual Conference; Halifax, Nova Scotia; May 27-29, 2010. (Presented by PW Rushton)

- 84) **Rushton PW***, Miller WC. Prevalence of low confidence with wheelchair use. Proceedings of the International Society for Gerontechnology 7th World Conference, Vancouver, British Columbia, May 27-30, 2010. (Presented by PW Rushton)
- 85) **Rushton PW***, Miller WC. Prevalence of low confidence with manual wheelchair use. Proceedings of the GF Strong Rehabilitation Centre Research Day; Vancouver, British Columbia; May 12, 2010. (Presented by PW Rushton)
- 86) **Rushton PW***, Miller WC. Exploring how confidence impacts manual wheelchair use: development of a conceptual framework. Proceedings of the 38th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Winnipeg, Manitoba; October 22-24, 2009. (Presented by PW Rushton)
- 87) **Rushton PW***, Miller WC. Content validity of the Wheelchair Mobility Confidence Scale. Proceedings of the 38th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Winnipeg, Manitoba; October 22-24, 2009. (Presented by PW Rushton)
- 88) **Rushton PW***, Miller WC. Development of an assessment to measure self-efficacy with wheelchair mobility. Proceedings of the Canadian Association of Occupational Therapists Annual Conference; Ottawa, Ontario; June 3-6, 2009, CJOT, 76 (on-line supplement). doi: 10.2182/cjot.09.001. Available at: <http://www.caot.ca/default.asp?pageid=2330>. (Presented by PW Rushton)
- 89) Boudreau A, Kirby RL*, Gillis J, Smith C, **Rushton PW**, Clark-Gallant L, Parker K, Webber A. New rear-anti-tip device for wheelchairs: controlled comparison with conventional methods from the perspective of the need for spotter interventions during wheelie training. Proceedings of the Annual Meeting of RESNA; Phoenix, Arizona; June 15-19, 2007. (Presented by A Boudreau)
- 90) Kirby RL*, Smith C, **Rushton PW**, MacLeod DA. Performance of manual wheelchair skills by wheelchair users: randomized controlled comparison between conventional rear anti-tip devices and a new design. Proceedings of the Annual Meeting of RESNA; Phoenix, Arizona; June 15-19, 2007. (Presented by RL Kirby)

Conference Poster Presentations (n=40)

- 1) **Rushton PW**, Daoust G. Adapting the Wheelchair Skills Program for a Pediatric Context: Recommendations from Key Stakeholders. International KT Conference in Rehabilitation; Montréal, Québec; 14-15 juin, 2021.
- 2) **Rushton PW**, Best KL, Ouellet B, Robert M, Routhier F, Kirby RL, Barwick M, Lafleur E, Côté A-A, Fortin-Haines L, Paré I, Dib T, Rice C, Nadeau C, Héroux D, Burrola-Mendez Y. WeeWheel: Enhancing Knowledge Translation of Pediatric Mobility through Tailored Resources. 2021 CHILD-BRIGHT Virtual Symposium: Let's Dream Together as We Look Forward with Project Updates, Posters and Questions. Montréal, Québec, May 26, 2021.
- 3) Michaud M, **Rushton PW***, Daoust G. Efficacité d'un programme scolaire d'indépendance en fauteuil roulant manuel chez des adolescents ayant un handicap physique. 8e Colloque Annuel de l'Ordre des Ergothérapeutes du Québec. Saint-Hyacinthe, Quebec; September 27, 2018. (Presented by M Michaud)
- 4) Beaudoin M, Atoyebi O, Mortenson B, Routhier F*, Wister A, Auger C, Fast J, **Rushton PW**, Plante M, Demers L, Lettre J, Mallette D. Identification of innovative technologies to support family caregivers. 4th

- Annual Conference AGE-WELL2018; Vancouver, British Columbia; October 16-18, 2018. (Presented by M Beaudoin)
- 5) Routhier F*, Mortenson B, Beaudoin M, Atoyebi O, Wister A, Auger C, Fast J, **Rushton PW**, Lettre J, Plante M, Demers L, Mallette D. Innovative technologies for caregivers: Preliminary findings. 12th International Society of Physical and Rehabilitation Medicine World Congress; Paris, France; July 8-12, 2018. (Presented by F Routhier)
 - 6) **Rushton PW***, Fung K, Miller T, Goldberg M, Seymour N, Pearlman J, The International Society of Wheelchair Professionals. Wheelchair service provision education in health care professional university programs. Canadian Association of Occupational Therapists Annual Conference; Vancouver, British Columbia; June 20-23, 2018. (Presented by PW Rushton & M Goldberg)
 - 7) **Rushton PW***, Seymour N, Goldberg M, Shann S. The International Society of Wheelchair Professionals Wheelchair Education Tool Kit: Overview and Application. World Federation of Occupational Therapists Congress 2018; Cape Town, South Africa; May 21-25, 2018. (Presented by PW Rushton)
 - 8) Daoust G, **Rushton PW***, Demers L. Développement d'une intervention en transfert de connaissances du Wheelchair Skills Program dans un contexte de réadaptation pédiatrique : protocole de recherche. Journée scientifique et assemblées annuelles REPAR-INTER 2018 en collaboration avec le CIRRIIS et le CRIR; Quebec City, Quebec; May 11, 2018. (Presented by G Daoust)
 - 9) Daoust G, **Rushton PW***, Demers L. Development of a Knowledge Transfer Intervention for the Wheelchair Skills Program in pediatric rehabilitation context: Research Protocol. 2nd national KT Conference in rehabilitation; Montreal, Quebec; April 20, 2018. (Presented by G Daoust)
 - 10) Mortenson WB*, Routhier F, Demers L, Wister A, Auger C, Fast J, **Rushton PW**. Assistive technology needs and experiences of family caregivers. 21st International Association of Gerontology and Geriatrics World Congress of Gerontology and Geriatrics; San Francisco, California; July 23-27, 2017. (Presented by WB Mortenson)
 - 11) Kirby RL*, **Rushton PW**, Routhier F, Demers L, Titus L, Miller-Polgar J, Miller WC, Smith C, Sawatzky B, Labbé D, McAllister M, Theriault C, Matheson K, Parker K. The extent to which caregivers enhance the wheelchair skills of powered wheelchair users: a cross-sectional study. Proceedings of the Annual RESNA Conference; New Orleans, Louisiana; June 26-30, 2017. (Presented by RL Kirby)
 - 12) Pituch E, Ngo M, Poulin-Arguin A, Heales J, **Rushton PW***. Powerful or powerless? Stakeholders' perceptions regarding pediatric powered mobility use. The Canadian Association of Occupational Therapists Annual Conference; Banff, Alberta; April 19-22, 2016. (Presented by E Pituch)
 - 13) **Rushton PW***, Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S, Sinanan S. Knowledge translation of the Wheelchair Skills Program for powered wheelchairs. The Canadian Association of Occupational Therapists Annual Conference; Banff, Alberta; April 19-22, 2016, page 56. (Presented by PW Rushton)
 - 14) **Rushton PW***, Miller WC, Kirby RL, Demers L, Boronowski L, Rowe S, Kam N, Huston G, Sinanan S. Knowledge translation of a wheelchair skills program for rehabilitation clinicians. Canadian Association of Occupational Therapy National Conference; Winnipeg, Manitoba; May 27-30, 2015. (Presented by L Boronowski)

- 15) Lam JF, Gosselin L, **Rushton PW***. The use of virtual technology as an intervention for manual and power wheelchair skills training: a systematic review. Congrès québécois de recherche en adaptation-réadaptation: la réadaptation en action! Montreal, Quebec; May 18-19, 2015. (Presented by JF Lam)
- 16) **Rushton PW***, Mortenson WB, Viswanathan P, Wang RH, Hurd Clarke L. Intelligent power wheelchairs for residents in long-term care facilities: potential users' experiences and perceptions. Proceedings of the Annual RESNA Conference; Indianapolis, Indiana; June 11-15, 2014. (Presented by PW Rushton)
- 17) **Rushton PW***, Boronowski L, Rowe S, Miller WC, Demers L, Kirby RL. A knowledge translation project: outcomes of wheelchair use and confidence. Proceedings of the Canadian Association of Occupational Therapists National Conference; Victoria, British Columbia; June 1, 2013. (Presented by PW Rushton et L Boronowski)
- 18) Boyd AJ, Chew CC, Best KL, Rushton PW, Miller WC*, CanWheel Research Team. Influence of training on the power wheelchair-handling skills of caregivers. Proceedings of the Canadian Association of Occupational Therapists National Conference; Victoria, British Columbia; June 1, 2013. (Presented by AJ Boyd)
- 19) Fortin C, Stone J, Borisoff J, **Rushton PW**, Mattie J, Miller WC*. Enhancing mobility by combining wheelchair and exoskeleton technology: stakeholder's perspectives. Proceedings of the Canadian Association of Occupational Therapists National Conference; Victoria, British Columbia; June 1, 2013. (Presented by C Fortin)
- 20) Auger C, Miller WC, Demers L, **Rushton PW***, Busilacchi E, CanWheel Research Team. CanWheel: Improving wheeled mobility of older adults. Proceedings of the 11^{ème} Carrefour des Connaissances; Montreal, Quebec; April 9, 2013. (Presented by E Busilacchi)
- 21) **Rushton PW***, Mortenson WB, Demers L, Auger C, Busilacchi E, CanWheel Research Team. Mixed effects of older adults' use of power wheelchairs on their informal caregivers. Proceedings of the 11^{ème} Carrefour des Connaissances; Montreal, Quebec; April 9, 2013. (Presented by E Busilacchi)
- 22) **Rushton PW***, Kirby RL, CanWheel Research Team. Wheelchair Skills Test Version 4.1 for power wheelchairs: comparison of total percentage scores for the objective and questionnaire versions. Proceedings of the Annual RESNA Conference; Baltimore, Maryland; June 30-July 2, 2012. (Presented by PW Rushton)
- 23) **Rushton PW***, Kirby RL, CanWheel Research Team. Reliability of the Wheelchair Skills Test Questionnaire, version 4.1 for powered wheelchair users. Proceedings of the Annual RESNA Conference; Baltimore, Maryland; June 30-July 2, 2012. (Presented by PW Rushton)
- 24) **Rushton PW***, Demers L, Mortenson WB. The Impact of older adults' use of power wheelchairs on their informal caregivers. Proceedings of the 11th Annual International Federation on Aging Global Conference on Aging: Ageing Connects; Prague, Czech Republic; May 28-June 1, 2012. (Presented by PW Rushton)
- 25) **Rushton PW***, Demers L, Miller WC, CanWheel Research Team. Changes that occur over three months among older adult power wheelchair users with spinal cord injury. Proceedings of the ICORD Trainee Symposium; Vancouver, British Columbia; May 10, 2012. (Presented by PW Rushton)

- 26) **Rushton PW**, Miller WC*. Responsiveness of the L-Test. Proceedings of the 40th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Ottawa, Ontario, October 21-23, 2011. (Presented by PW Rushton)
- 27) Best KL*, **Rushton PW**, Miller WC. Do self-efficacy interventions work for older adults? A systematic review. Proceedings of the 40th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Ottawa, Ontario; October 21-23, 2011. (Presented by KL Best)
- 28) Kirby RL*, Smith C, **Rushton PW**, Routhier F, Miller WC. Perceptions of therapists after a practical workshop on wheelchair skills. Proceedings of the Festival of International Conferences on Caregiving, Disability, Aging, and Technology; Toronto, Ontario; June 6-8, 2011. (Presented by RL Kirby)
- 29) **Rushton PW***, Kirby RL, Miller WC. Wheelchair Skills Test, Version 4.1: Comparison of total percentage scores for the objective and questionnaire versions. Proceedings of the Festival of International Conferences on Caregiving, Disability, Aging, and Technology; Toronto, Ontario; June 6-8, 2011. (Presented by PW Rushton)
- 30) **Rushton PW***, Demers L. The natural history and measurement of power wheelchair use. Proceedings of the Journée scientifique Réseau provincial de Recherche en adaptation-réadaptation; Quebec City, Quebec; May 20, 2011. (Presented by PW Rushton)
- 31) **Rushton PW***, Miller WC. Reliability and validity of the Wheelchair Use Confidence Scale (WheelCon). Proceedings of the Building Bridges Conference; Vancouver, British Columbia; February 22, 2011. (Presented by PW Rushton)
- 32) Routhier F*, **Rushton PW**, Miller WC, CanWheel Research Team. Translation and validation of the Wheelchair Use Confidence Scale (WheelCon) into Canadian French. Proceedings of the 37th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; Montreal, Quebec; December 2-4, 2010. (Presented by PW Rushton & F Routhier)
- 33) **Rushton PW***, Miller WC. Self-presentational efficacy among people who use a wheelchair. Proceedings of the International Seating Symposium; Vancouver, British Columbia; March 11-13, 2010. (Presented by PW Rushton)
- 34) **Rushton PW***, Miller WC. Ready to roll? An exploration of the relationship between aging, self-efficacy, and wheelchair mobility. Proceedings of the 37th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology; London, Ontario; October 23-25, 2008. (Presented by PW Rushton)
- 35) **Rushton PW**, Miller WC*, Garden J, Mortenson WB. Wheelchair participation in individuals with spinal cord injury. Proceedings of the International Seating Symposium; Vancouver, British Columbia; March 5-8, 2008. (Presented by PW Rushton)
- 36) Kirby RL*, **Rushton PW**, Smith C, MacLeod DA. Performance of manual wheelchair-handling skills by caregivers: randomized controlled comparison between conventional rear anti-tip devices and a new design. Proceedings of the Annual Meeting of the American Academy of Physical Medicine and Rehabilitation; Boston, Massachusetts; September 27-30, 2007, Arch Phys Med Rehabil 2007. (Presented by RL Kirby)

- 37) **Rushton PW**, Miller WC*, Asano M, Deathe BA. Determinants of quality of life after lower extremity amputation. Proceedings of the 12th World Conference of the International Society for Prosthetics and Orthotics; Vancouver, British Columbia; July 29-August 3, 2007. (Presented by PW Rushton)
- 38) **Rushton PW**, Miller WC*. Balance confidence after stroke. Proceedings of the Canadian Association of Occupational Therapists Annual Conference; St. John's, Newfoundland; July 11-14, 2007, CJOT, 74 (on-line supplement). Available at: <http://www.caot.ca/conference/conf-supp07.pdf>. (Presented by PW Rushton)
- 39) **Rushton PW**, Miller WC*, Asano M, Deathe BA. Predictors of quality of life among individuals who have a lower limb amputation: a follow-up study. Proceedings of the Canadian Association of Occupational Therapists Annual Conference; St. John's, Newfoundland and Labrador; July 11-14, 2007, CJOT, 74 (on-line supplement). Available at: <http://www.caot.ca/conference/conf-supp07.pdf>. (Presented by PW Rushton)
- 40) Kirby RL*, Gillis J, Clark-Gallant L, Boudreau AL, Smith C, **Rushton PW**, Parker K, Webber A. Wheelie skill acquisition: effect on training time related to differences in rolling resistance and session structure. Proceedings of the Annual Meeting of RESNA; Phoenix, Arizona; June 15-19, 2007. (Presented by J Gillis)

Conference Abstracts Submitted or Accepted (n=14)

- 1) Ouellet B, **Rushton PW**, Lamontagne ME, Best K. (2022, 5-7 avril). “We can do it together” Co-adaptation of the Wheelchair Skills Training Program for children [communication par affiche acceptée]. Oceania Seating Symposium, Rotorua, NZ.
- 2) Ouellet B, Déry J, **Rushton PW**, Lamontagne ME, Best K. (2022, 27-30 mars). Listen to our voices: Scoping review on the strategies to foster the active participation of children with disabilities in occupational therapy research [courte communication orale acceptée]. World Federation of Occupational Therapists Congress, Paris, FR.
- 3) **Rushton PW**, Plummer T. Using a Participatory Action Research Approach to Develop Content for the ISWP Wheelchair Educators' Package. International Seating Symposium; Pittsburgh, Pennsylvania; January 31 January – February 2, 2022.
- 4) **Rushton PW**, Giesbrecht E. An overview of wheelchair provision education in Canadian occupational therapy programs. Oceania Seating Symposium; Rotorua, New Zealand; April 5-7, 2022.
- 5) Tawashy AE, Goldberg M, Kirby RL, Shann S, **Rushton PW**, Augustine N, Kandaval K, Munera S, Toro-Hernandez M. International Society of Wheelchair Professionals' (ISWP) learning modules for wheelchair service providers. Oceania Seating Symposium; Rotorua, New Zealand; April 5-7, 2022.
- 6) **Rushton PW**, Goldberg M, Burrola-Mendez Y, Pearlman J, Wilson D, Munera S, Gowran R. Wheelchair Educators' Package: a tool to enhance wheelchair education globally. Oceania Seating Symposium; Rotorua, New Zealand; April 5-7, 2022.
- 7) Gowran R, Bray N, Goldberg M, **Rushton PW**, Saab M, Constantine D, Ghosh R, Pearlman J. Strengthening the growth of sustainable wheelchair provision communities of practice: the bigger picture. Oceania Seating Symposium; Rotorua, New Zealand; April 5-7, 2022.
- 8) **Rushton PW**, Goldberg M, Fung K, Daoust G, Ishack M, Andrieux M, Kawish-Arbalaez D, Levac-Marquis A, Pearlman J. French-Canadian Translation and Adaptation of the ISWP Basic Wheelchair Service Provision Test (bWSPT). European Seating Symposium; Dublin, Ireland; 15-17 juin 2022.
- 9) **Rushton PW**, Fung K, Brûlé-Quimette L. Development and Evaluation of a Measure for the Assessment of Confidence Among Pediatric Manual Wheelchair Users. European Seating Symposium; Dublin, Ireland; 15-17 juin 2022.
- 10) Goldberg M, **Rushton PW**, Pearlman J. The Who, What, When, Where and Why of Wheelchair Education Integration: Introduction of a New Model. European Seating Symposium; Dublin, Ireland; 15-17 juin 2022.
- 11) **Rushton PW**, Tawashy A, Goldberg M, Pearlman J, Kamalakannan Sureshkuma, Giesbrecht E, Rusaw

- DF, Contepomi S, Burrola Y, Plummer T. Overview and Application of a Wheelchair Educators' Package. Nordic Seating Symposium; Reykjavik, Iceland; Postponed, new date not yet determined.
- 12) **Rushton PW**, Best KL, Kirby RL, Robert MT, Routhier F. An Overview and Application of Three Wheelchair Skills Program Pediatric-Specific Education Resources. Nordic Seating Symposium; Reykjavik, Iceland; Postponed, new date not yet determined.
- 13) Best KL, **Rushton PW**, Thibault J, Pinard P-Y, Gauvin-Lepage J, Sol M, Héroux D. Physical Education for Manual Wheelchair Users in Québec: A Description of Teaching, Training and Child Integration in Elementary and High Schools. Nordic Seating Symposium; Reykjavik, Iceland; Postponed, new date not yet determined.
- 14) Faieta J, Best KL, **Rushton PW**. Media Strategies to Effectively Inform Consumers. Nordic Seating Symposium; Reykjavik, Iceland; Postponed, new date not yet determined.

Professional Expertise Outside the Institution

Associate Editor

Assistive Technology Journal of Rehabilitation Engineering and Assistive Technology Society of North America

Peer-Reviewer

Archives of Physical Medicine and Rehabilitation

American Congress of Rehabilitation Medicine

Canadian Journal of Occupational Therapy

Disability and Rehabilitation: Assistive Technology

Prosthetics and Orthotics International

International Society for Prosthetics and Orthotics

International Society of Physical and Rehabilitation Medicine

Committee Member / Reviewer / Examiner

Date	Student Name	Field of Study and Institution	Title of Work
External Reviewer for Master Thesis			
2019/08/21	Maude Beaudoin	M.Sc. in Rehabilitation, Université Laval	<i>Utilisation du fauteuil roulant manuel : Effets d'un entraînement dispensé par un pair dans la communauté</i>
2018/04/23	Catherine Brigas	M.Sc in Sciences – Département de neurosciences, Programme intégré de l'Université McGill	<i>Rétroaction augmentée pour l'entraînement de fauteuils roulants motorisés dans un contexte virtuel</i>

External Reviewer for Promotion to Associate Professor			
2019/09/21	Rosie Cooper	University of Pittsburgh, School of Health and Rehabilitation Sciences, Department of Rehabilitation Science and Technology	<i>Promotion Package for promotion of Assistant Professor to Associate (non-tenure) Professor</i>

Committee Member for Funding Agency Scholarship or Operational Funds Applications

2022/01	FRQS Programme de bourse de formation (Master’s and PhD)
2021/11	Inclusive Society Scholarship Program for Graduate Students – Université de Montréal
2021/01	Inclusive Society Bourse de Programme de recherche en partenariat
2021/01	FRQS Program de bourse de formation (PhD)
2020/01	FRQS Programme de bourse de formation (Master’s and PhD)
2020/04	Inclusive Society Scholarship Program for Graduate Students – Université de Montréal
2019/12	CHUSJ Concours Pediatric Trauma

Community Services

Executive Positions on Professional Organizations

2021 – Present	Co-Chair, Association of Canadian Occupational Therapy University Programs (ACOTUP) Research Committee
2020 - Present	Founding Board Member, International Society of Wheelchair Professionals
2020 – Present	Invited External Reviewer, World Health Organization, <i>Standards for Wheelchair Service Provision</i>
2019 - 2021	Member, Association of Canadian Occupational Therapy University Programs (ACOTUP) Research Committee
2018 – 2020	Chair, International Society of Wheelchair Professionals, Integration Sub-Committee
2018 – 2019	Co-chair, RESNA Educators Professional Speciality Group
2017 – Present	Educational Representative, International Society of Wheelchair Professionals, Professional Standards Board
2016 – 2018	Co-chair, International Society of Wheelchair Professionals, Integration Sub-Committee
2011 – 2014	Meeting Organizer, British Columbia Knowledge Translation Community of Practice Group
2004 – 2005	President, Nova Scotia Society of Occupational Therapists
2003 – 2004	President Elect, Nova Scotia Society of Occupational Therapists

2000 – 2003 Central Region Representative, Nova Scotia Society of Occupational Therapists

Membership in Academic / Professional Organizations

2019 – Present Member, REPAR Strategic Group: Knowledge Transfer

2019 - Present Member, CHUSJ Pediatric Trauma Group

2017 – Present Member, College of Occupational Therapists of Quebec

2017 – Present Member, RESNA International Special Interest Group

2017 – Present Member, International Society of Prosthetics and Orthotics

2015 – Present Member, Ingénierie de technologies interactives en réadaptation

2015 – Present Member, International Society of Wheelchair Professionals, Integration Sub-Committee

2015 – Present Member, International Society of Wheelchair Professionals, Training Working Group

2014 – Present Member, Rehabilitation Engineering and Assistive Technology Society of North America (RESNA)

2010 – Present Member, Quebec Rehabilitation Research Network

1999 – Present Member, Canadian Association of Occupational Therapists

2012 – 2014 Member, International Federation on Aging

2012 – 2014 Member, Quebec Network for Research on Aging

2008 – 2014 Member, Canadian Association on Gerontology

2008 – 2014 Member, International Collaboration on Repair Discoveries (ICORD)

2007 – 2014 Member, Disabilities Health Research Network

2007 – 2014 Member, British Columbia Network for Aging Research

2007 – 2014 Member, British Columbia Society of Occupational Therapists

2006 – 2014 Member, College of Occupational Therapists of British Columbia

2003 – 2006 Member, Capital District Health Authority Occupational Therapy Education Committee

2003 – 2005 Member, Professional Alliance of Canada Committee

2002 – 2006 Member, Capital District Health Authority, Professional Advisory Committee

2002 – 2004 Member, Nova Scotia Home Care Lobby Committee

2000 – 2006 Member, Nova Scotia Rehabilitation Centre Rehabilitation Research Committee

1999 – 2006 Member, Capital District Health Authority Occupational Therapy Week Committee

1999 – 2006 Member, Nova Scotia Society of Occupational Therapists

1999 – 2006 Member, College of Occupational Therapists of Nova Scotia

Honours and Awards Acknowledging Expertise in Teaching and Research

2017 World Congress Best Paper Presentation Prize in Advancing Education at International Society for Prosthetics and Orthotics World Congress 2017

2015 Réseau provincial de recherche en adaptation-réadaptation, le prix du Concours jeunes chercheurs au Congrès québécois de recherche en adaptation-réadaptation