

## Accessibility Measures Sub-project 1.2 - Study CV

### 1. List of Investigators:

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### **3. Staff with Dates:**

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#### **4. Books:**

#### **5. Chapters in Books:**

#### **6. Peer-Reviewed Papers Published:**

1. Martin Ginis, K. A., Evans, M. B., Mortenson, W. B., & Noreau, L. M. (2016). Broadening the conceptualization of ‘participation’ of persons with physical disabilities: A configurative review and recommendations. *Archives of Physical Medicine & Rehabilitation*. 20, 1-8 (Published online before print). doi:10.1016/j.apmr.2016.04.017. PMID: 27216222
2. Gamache, S., Vincent, C., Routhier, F., McFadyen, B. J., Beaugard, L., Fiset, D. (2016) Development of a measure of accessibility to urban infrastructures: a content validity study. *Medical Research Archives* 4(5) Sep 2016: 1-25.
3. Gamache, S., Vincent, C., Routhier, F., McFadyen, B. J., Beaugard, L., Fiset, D. (2016) Measure of accessibility to urban infrastructures for adults with physical disabilities (MAUAP): Inter-rater reliability study. *Medical Research Archives* 4(5) Sep 2016: 1-14.
4. Morales, E., Gamache, S., & Edwards, G. (2014). Winter: public enemy #1 of accessibility – Exploring new solutions. *Journal of Accessibility and Design for All*. 4(1): 29-51.
5. Mortenson WB, Kim J. (2016) Scoping review of mobility scooter-related research studies. *Journal of Rehabilitation Research and Development*. 53(5):531-540.

#### **7. Peer-Reviewed Papers Accepted or In Press:**

#### **8. Peer-Reviewed Papers Submitted:**

1. Bigonnesse, C., Mahmood, A., Chaudhury, H., Mortenson, W.B., Miller, W.C., Martin Ginis, K.A. (2016). The role of neighbourhood physical environment on mobility and social participation among people using mobility assistive technology: A systematic review. *Environment & Behavior* (Resubmitted January 14, 2017).
2. Gamache, S., Routhier, F., Morales, M., Vandersmissen M-H., & Boucher, N. (2016).

Mapping review of accessible pedestrian infrastructures for individuals with physical disabilities. *Disability and Health Journal*. Submitted April 29, 2016.

## 9. Papers in Preparation:

*dEMAND paper plan:*

1. Francois: dEMAND Protocol paper
2. Francois & Ben: GPS dEMAND data with trip diary
3. Ben & Francois: Qualitative paper (based on interviews, Photovoice, and themes)
4. Ben & Mike: dEMAND quantitative outcomes (there may be 2 papers here)
5. Atiya & Catherine: SWAN (1 paper for sure, potentially a second paper)
6. Francois & Stephanie: MAUAP
7. Habib / maybe Delphine: dEMAND participatory process with the community partners

## 10. Peer-Reviewed Conference Presentations:

1. Bigonnesse, C., Chaudhury, H., Mahmood, A.N., Mortenson, W. B., Miller, W. C., & Martin Ginis, K.A. (2015, October 24). *The impact of physical environment on mobility and participation among people with disabilities: A literature review and proposed conceptual framework*. Paper presented at the 44th Annual Scientific and Educational Meeting, Canadian Association on Gerontology Annual Conference. Calgary, AB. Retrieved from [https://cag.conference-services.net/programme.asp?conferenceID=3888&action=prog\\_presenters](https://cag.conference-services.net/programme.asp?conferenceID=3888&action=prog_presenters)
2. Bigonnesse, C., Chaudhury, H., Mahmood, A., Mortenson, W. B., Miller, W. C. & Martin Ginis, K. (2016, September 12-15). *The impact of physical environment on mobility and participation among people with disabilities: A literature review and proposed conceptual framework*. Poster presented at the Pro Walk Pro Bike Pro Place Conference, Vancouver, BC. Retrieved from [http://www.pps.org/walkbikeplaces/files/2016/09/PWPBPP2016\\_Program\\_8\\_30.pdf](http://www.pps.org/walkbikeplaces/files/2016/09/PWPBPP2016_Program_8_30.pdf)
3. Bigonnesse, C., Chaudhury, H., Mahmood, A.N., Mortenson, W. B., Miller, W. C., & Martin Ginis, K. A. (2015, October 24). *The impact of physical environment on mobility and participation among people with disabilities: A literature review and proposed conceptual framework*. Paper presented at the 44th Annual Scientific and Educational Meeting, Canadian Association on Gerontology Annual Conference. Calgary, AB. Retrieved from [https://cag.conferenceservices.net/programme.asp?conferenceID=3888&action=prog\\_presenters](https://cag.conferenceservices.net/programme.asp?conferenceID=3888&action=prog_presenters)
4. Bigonnesse, C., Chaudhury, H., Mahmood, A., Mortenson, W. B., Miller, W. C. & Martin Ginis, K. (2016, September 12-15). *The impact of physical environment on mobility and participation among people with disabilities: A literature review and proposed conceptual framework*. Poster presented at the Pro Walk Pro Bike Pro Place Conference, Vancouver, BC. Retrieved from [http://www.pps.org/walkbikeplaces/files/2016/09/PWPBPP2016\\_Program\\_8\\_30.pdf](http://www.pps.org/walkbikeplaces/files/2016/09/PWPBPP2016_Program_8_30.pdf)
5. Gamache, S., Routhier, F., Noreau, L., & Morales, E. (2013, May 17). *Improving accessibility*

- to public buildings: a co-design approach*. Poster presented at the 6th étudiant du CIRRIS, IRDPQ. Retrieved from [http://repar.ca/Admin/Files/images/Pres\\_Assemblee\\_Annuelle\\_17\\_mai\\_2013\\_site\\_WEB\(1\).pdf](http://repar.ca/Admin/Files/images/Pres_Assemblee_Annuelle_17_mai_2013_site_WEB(1).pdf)
6. Gamache, S., Routhier, F., Noreau, L., Morales, E. (2013, June 22). *Improving accessibility to public buildings: A co-design approach*. Poster presented at the Rehabilitation Engineering and Assistive Technology Society of North America - RESNA Annual Conference. Bellevue, WA. Retrieved from <http://www.resna.org/sites/default/files/legacy/conference/proceedings/2013/Public%20Policy/Student%20Scientific/Gamache.html>
  7. Gamache, S., Routhier, F., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Morales, E., Noreau, L., Vincent, C. (2014, February 7). *Mobilité et accès: Milieu Piétonnier*. Poster presented at the 7th étudiant du CIRRIS, IRDPQ. Hamel, QC. Retrieved from [http://repar.ca/Admin/Files/images/Pres\\_Assemblee\\_Annuelle\\_v22\\_mai\\_2015\\_Final\\_web.pdf](http://repar.ca/Admin/Files/images/Pres_Assemblee_Annuelle_v22_mai_2015_Final_web.pdf)
  8. Gamache, S., Routhier, F., Morales, E., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Noreau, L., & Vincent, C. (2015, May 22). *Besoins et pratiques en matière d'accessibilité pour les personnes présentant des déficiences physiques dans les municipalités du Québec*. Poster presented at Congrès Québécois de recherche en adaptation-réadaptation. Boucherville, QC. Retrieved from [http://repar.ca/admin/files/images/Programmation\\_Finale\(3\).pdf](http://repar.ca/admin/files/images/Programmation_Finale(3).pdf)
  9. Gamache, S., Routhier, F., Morales, E., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Noreau, L., & Vincent, C. (2015, September 17-18). *Design Practices of Pedestrian Infrastructures for People with Physical Disabilities*. Poster presented at Include, 2015. London, UK. Retrieved from [http://www.rca.ac.uk/research-innovation/helen-hamlyn-centre/knowledge\\_exchange/include-conferences/include-2015/include-2015-proceedings/ps4-design-practices/](http://www.rca.ac.uk/research-innovation/helen-hamlyn-centre/knowledge_exchange/include-conferences/include-2015/include-2015-proceedings/ps4-design-practices/)
  10. Gamache, S., Morales, E., Routhier, F., Rousseau, J., Bouyer, L., & Doyle, O. (2015, October 24). *Which is the best grab bar for seniors in public toilets?* Paper presented at the 44<sup>th</sup> Annual Scientific and Educational Meeting, Canadian Association on Gerontology Annual Conference. Calgary, AB. Retrieved from: [https://cag.conference-services.net/programme.asp?conferenceID=3888&action=prog\\_presenters](https://cag.conference-services.net/programme.asp?conferenceID=3888&action=prog_presenters)
  11. Gamache, S., Routhier, F., Morales, E., & Vandersmissen, M-H. (2015, October 24). *A scoping review of accessibility of pedestrian infrastructures for seniors with physical disabilities*. Poster presented at the 44<sup>th</sup> Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Calgary, AB. Retrieved from <http://cag.conference-services.net/reports/template/onetextabstract.xml?xsl=template/onetextabstract.xml&conferenceID=3888&abstractID=870181>
  12. Gamache, S., Routhier, F., Morales, E., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Noreau, L., & Vincent, C. (2016, February 9). *Pratiques et besoins des municipalités québécoises concernant les aménagements piétonniers accessibles pour les personnes présentant des*

*déficiences physiques*. Poster presented at the 8th colloque étudiant du CIRRIS, IRDPQ. Hamel, QC. Retrieved from [http://repar.ca/admin/files/images/Recueil\\_abr%C3%A9g%C3%A9s\\_affiches\(1\).pdf](http://repar.ca/admin/files/images/Recueil_abr%C3%A9g%C3%A9s_affiches(1).pdf)

13. Gamache, S., Routhier, F., Morales, E., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Noreau, L., & Vincent, C. (2016, May 17). *Pratiques et besoins des municipalités québécoises concernant les aménagements piétonniers accessibles pour les personnes présentant des déficiences physiques*. Paper presented at the Journée scientifique du REPAR, Université Laval, Québec City, QC. Retrieved from [http://repar.ca/admin/files/images/Recueil\\_abr%C3%A9g%C3%A9s\\_affiches\(1\).pdf](http://repar.ca/admin/files/images/Recueil_abr%C3%A9g%C3%A9s_affiches(1).pdf)
14. Mahmood, A. Bigonnesse C., Mahal T., Chaudhury H., Prescott M., Mortenson W. B., & Martin Ginis, K. A. (2016, October 20-22). *Development and implementation of a user-led neighbourhood built environmental audit tool for people with disability-"Stakeholder Walkability/Wheelability Audit in Neighbourhoods" for People With Disability (SWAN-PWD)*. Paper presented at the Canadian Association on Gerontology Conference. Montreal, QC. Retrieved from [http://cagacg.ca/wp-content/uploads/2014/11/CAG2014\\_Program.pdf](http://cagacg.ca/wp-content/uploads/2014/11/CAG2014_Program.pdf)

#### 11. Peer-Reviewed presentations (no published abstract):

1. Gamache, S., Routhier, F., Morales, E., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Noreau, L., & Vincent, C. (2015, May 8). *Besoins et pratiques en matière d'accessibilité pour les personnes présentant des déficiences physiques dans les municipalités du Québec*. Poster presented at the Colloque du Réseau de recherche en sécurité routière. Québec City, QC.
2. Gamache, S., Routhier, F., Morales, E., Vandersmissen, M-H., Boucher, N., McFadyen, B. J., Noreau, L., & Vincent, C. (2016, May 25-26). *Pratiques et besoins des municipalités québécoises concernant les aménagements piétonniers accessibles pour les personnes présentant des déficiences physiques*. Paper presented at the Journées scientifiques de la faculté de médecine, Québec City, QC.

#### 12. Peer-Reviewed Conference Abstracts Submitted:

1. Mahmood, A., Bigonnesse, C., Mahal, T., Kleinschroth, L., Chaudhury, H., Mortenson, W.B., Miller, W.C., & Martin Ginis, K.A. (2017). *Development and Implementation of a User-led Neighbourhood Built Environmental Audit Tool for People with Disability—“Stakeholder Walkability/Wheelability Audit in Neighbourhoods” for People with Disability (SWAN-PWD)*. Podium presentation at the 21st IAGG World Congress of Gerontology and Geriatrics, as part of the symposium: Mobility and Technology: Maintaining Connectivity in Later Life, July 23-27, San Francisco, CA.
2. Prescott, M., Mortenson, W.B., Miller, W.C., Routhier, F., & Martin Ginis, K.A. (2017). *Understanding the mobility and community participation of older adults who use mobility devices*. Podium presentation at the 21st IAGG World Congress of Gerontology and

Geriatrics, as part of the symposium: Mobility and Technology: Maintaining Connectivity in Later Life. July 23-27, San Francisco, CA.

3. Routhier, F., Lacroix, E., Mortenson, W.B., Mahmood, A., Bigonnesse, C., Doyle, O., Gamache, S., Prescott, M., Miller, W.C., & Martin Ginis, K.A. (2017). *Identifying barriers and facilitators to mobility and community participation in older adults using mobility devices*. Podium presentation at the 21st IAGG World Congress of Gerontology and Geriatrics, as part of the symposium: Mobility and Technology: Maintaining Connectivity in Later Life, July 23-27, San Francisco, CA.

### 13. Knowledge Translation Presentations

1. Mahmood, A., Bigonnesse, C., Mahal, T., Kleinschroth, L., Chaudhury, H., Mortenson, W. B., & Martin Ginis, K. A. (2016, October 12). *Implementation of a User-led Neighbourhood Built Environmental Audit Tool for People with Disability—“Stakeholder Walkability/Wheelability Audit in Neighbourhoods” for People with Disability (SWAN-PWD)*. Poster presented at the Researching the City: SFU Innovates, Vancouver, BC.

### 14. Other Publications:

### 15. Final Reports:

### 16. Draft Manuscripts and Documents Available (Draft Number; Tentative Title; Lead Author; Co-authors; Acknowledgements):

- dEMAND Project Proposal V3 June 10 2016
- dEMAND General Letter of Contact V5 June 10 2016
- dEMAND Demographic Form V2
- dEMAND Recruitment Poster V2
- dEMAND Recruitment Brochure
- dEMAND Consent Form V10 June 10 2016
- Photovoice Release form
- All Participant Interview Guide V3
- Activity Monitoring Questions
- Functional Independence Measure\_Motor only
- Social Capital Scale
- Mobility Device Use Confidence Scale
- Life Space Assessment
- Hospital Anxiety and Depression Scale V2
- SWAN-PWD Recruitment Description V1 June 10 2016
- SWAN-PWD Recruitment Pamphlet V1 June 10 2016
- SWAN-PWD Training Participants Letter V1 June 10 2016

- SWAN-PWD Community Forum Email Invitation V1 June 10 2016
- Neighborhood Audit (SWAN-PWD) V3 June 10 2016
- MAUAP 2.0
- Mobility squad project 1 2\_team member information \_Version 9\_Jan22\_2015

**17. Analyses Completed:****18. Studies Completed:****19. Studies in Progress:****20. Ideas:**

- Mixed Methods study comparing Greater Vancouver and Quebec City.

**21. Funding:**

1. SSHRC Partnership grant: “Enhancing Community Participation in Canadians with Physical Disabilities: Development, Implementation and Evaluation of a Partnered Strategy.”
2. Enabling mobility and participation among those with disability (dEMAND): Knowledge mobilization and community engagement. SFU Community Engagement Initiative Proposal.

**22. Funds applied for:**

1. Enhancing community participation in Canadians with physical disabilities: Development, implementation and evaluation of a partnered strategy. To be submitted the Social Sciences and Humanities Research Council (SSHRC) – Insight Development Grant.