

INToCARE Study CV**1. List of Investigators:**

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2. List of Staff with Dates:

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Start Date: September 2015
End Date: -

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Start Date: September 2015
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Start Date: December 2015
End Date: -

Marli Siebrits
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Start Date: January 2016
End Date: -

Louise Smith
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Start Date: September 2016
End Date: January 2017

Mary Ellen Johnson
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Start date: September 2014
End date: -

3. List of Students with Dates:

4. Grants:

1. Technologies innovantes pour les proches aidants: une étude à méthodologie mixte mixte
 - Granting Agency: CIHR - Bourse 1er cycle: mobilité, santé musculosquelettique et arthrite - Appui communautaire des instituts.
 - Grant Holder(s): M. Beaudoin
 - Total Amount: \$5,000
 - Grant Start Date: May 2016
 - Grant End Date: August 2016
2. Aging Gracefully across Environments using Technology to Support Wellness, Engagement and Long Life (AGE-WELL)
 - Granting Agency: National Centre of Excellence (NCE)
 - Grant Holder(s): A. Mihailidis, W.B. Mortenson and 54 others
 - Total Amount: \$7.3 million (per year)
 - Grant Start Date: 2015
 - Grant End Date: 2020
3. Innovative Technology for CAREgivers (INToCARE)
 - Granting Agency: NCE
 - Grant Holder(s): W.B. Mortenson, F. Routhier, A. Wister, C. Auger, J. Fast, L. Demers, P. Rushton
 - Total Amount: \$300,000

- Grant Start Date: 2015
 - Grant End Date: 2018
4. Assistive Technologies that Care for the Caregiver
- Granting Agency: NCE
 - Grant Holder(s): J. Fast, W.B. Mortenson
 - Total Amount: \$300,000
 - Grant Start Date: 2015
 - Grant End Date: 2018

5. Adjudicator:

1. 2015 – Ben Mortenson: Reviewer, AGE-WELL Highly Qualified Personnel Competition (10 applications)
2. 2015 – François Routhier: Reviewer, AGE-WELL Highly Qualified Personnel Competition (10 applications)
3. 2016 – François Routhier: Reviewer, AGE-WELL Highly Qualified Personnel Competition (3 applications)

6. Academic Awards and Prizes:

1. September 2016 – Maude Beaudoin: Prix d'excellence – Présentation scientifique dans le cadre de la Journée synthèse des étudiants/étudiantes d'été du CIRRIIS 2016 (100\$)
2. September 2016 – Maude Beaudoin: Prix coup de coeur du public – Présentation scientifique dans le cadre de la Journée synthèse des étudiants/étudiantes d'été du CIRRIIS 2016 (50\$)
3. July 2016 – Ben Mortenson: CIHR New Investigator Award (\$300,000)
4. July 2013 – François Routhier: FRQS Research Scholar Junior 1 (\$277,500)
5. July 2016 – Paula Rushton: FRQS Research Scholar Junior 1 (\$295,698)

7. Presentations:

Knowledge Transfer, excluding peer reviewed conferences:

1. Beaudoin M., Lettre J., Routhier F., Mortenson B., Dalle R., Demers L., Wister A., Auger C., Fast J., Rushton P., Mallette D. (2016). Identification de technologies innovantes pour les proches aidants. Affiche-midi du Centre intégré universitaire de santé et de services sociaux de la Capitale-Nationale site Institut de réadaptation en déficience physique de Québec, November, 15.
2. Beaudoin M., Lettre J., Routhier F., Mortenson B., Dalle R., Demers L., Wister A., Auger C., Fast J., Rushton P., Mallette D. (2016). Technologies innovantes pour les aidants: Une étude à méthodologie mixte. Semaine de l'ergothérapie de l'Université Laval, October, 12.
3. Mortenson, W. B. (2016). Identifying Needs of Family Caregivers to Facilitate the Development of Novel Solutions. AGE-WELL Webinar, July 19.

Conference Proceedings:

1. Mortenson, W. B. & Demers, L. (2011). End-user involvement in the development and evaluation of the caregiver assistive technology outcome measure. In G. K. Gelderblom, M. Soede, L. Adriaens, & K. Meisenberger (Eds.), *Everyday technology for independence and care* (pp. 1043-1050). Fairfax, VA: IOS Press. doi:10.3233/978-1-60750-814-4-1043. Paper presented at the European Conference for the Advancement of Assistive Technology. August 31-September 2, Maastricht, Netherlands.

4. Peer-Reviewed Papers Published:

1. Mortenson, W. B., Demers, L., Fuhrer, M. J., Jutai, J., Lenker, J., & DeRuyter, F. (2013). Effects of an assistive technology intervention on older adults with disabilities and their informal caregivers: An exploratory randomized control trial. *American Journal of Physical Medicine and Rehabilitation*, 92(4), 297-306. doi:10.1097/PHM.0b013e31827d65bf. PMID: 23291602
2. Mortenson, W. B., Demers, L., Fuhrer, M. J., Jutai, J., Lenker, J., & DeRuyter, F. (2012). How assistive technology use by individuals with disabilities impacts their caregivers: A systematic review of the research evidence. *American Journal of Physical Medicine and Rehabilitation*, 91(11), 984-998. PMID: 22955027

3. Papers Submitted:

1. Rushton, P. W., Labbé, D., Demers, L., Miller, W. C., Mortenson, W. B., & Kirby, R. L. (2016). Understanding the burden experienced by caregivers of older adults who use a powered wheelchair: A cross-sectional study. Accepted by *Gerontology and Geriatric Medicine* March 2017.
2. Mortenson, W. B., Demers, L., Rushton, P., Auger, C., Routhier, F., & Miller, W. C. (2015). Psychometric properties of a power mobility caregiver assistive technology outcome measure. Resubmitted to the *Journal of Rehabilitation Research Development* May 27, 2016.

3. Abstracts Accepted:

1. Mortenson, W. B., Pysklywec, A., Fuhrer, M. J., Jutai, J. W., Plante, M., Bilkey, J., & Demers, L. (2017). Caregiver experiences with the selection and use of assistive technology. Paper presentation at the Canadian Association of Occupational Therapists National Conference, June 21-24, Charlottetown, PEI.

Peer Reviewed Conferences:

1. Auger, C., Demers, L., Mortenson, W. B., Guay, M., Bier, N., Michaud, F., & Ahmed, S. (2016). MOvIT-PLUS Portal for monitoring and training user-caregiver dyads after provision of assistive technology. Oral presentation at the 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, as part of the symposium: Understanding the assistive technology needs of family caregivers, October 20-22, Montreal, QC.

2. Gélinas-Bronsard, D., Ahmed, S., Mortenson, W. B., Moreno, A., Guay, M., & Auger, C. (2016). Family caregivers' remote support needs after provision of assistive technology: Preliminary results. Poster presentation at the 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, October 20-22, Montreal, QC.
3. Guay, C., Gélinas-Bronsard, D., Ahmed, S., Demers, L., Jutai, J. W., Mortenson, W. B., Miller, W. C., & Auger, C. (2016). A systematic review of internet-based interventions for caregivers of older adults: critical appraisal of components and effects. Poster presentation at the 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology. October 20-22, Montreal, QC.
4. Gélinas-Bronsard, D., Ahmed, S., Mortenson, W. B., Guay, C., Moreno, A., & Auger, C. (2016). Portail télésanté pour les proches aidants d'usagers d'aides techniques : Protocole. Recueil des communications affichées du Carrefour des connaissances 2016. Montréal, QC. Disponible à l'adresse: <https://www.ciusscentresudmtl.gouv.qc.ca/fileadmin/ciuss ceim/Menu/LeCIUSS/DesignationsUniversitaires/EvenementsScientifiques/2016/CarrefourConnaissances/AffichesPDF/07Affiche.pdf>
5. Mortenson, W. B., Jutai, J., Fuhrer, M., Bilkey, J., Plante, M., Deruyter, F., & Demers, L. (2016). Effect of assistive technology interventions on users and their caregivers. Poster presentation at the 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Montreal, QC, October 2016.
6. Demers, L., Fast, J., Mortenson, W. B., Routhier, F., Auger, C., Ahmed, S., Polgar, J., & Rudzicz, F. (2016). Needs and preferences for innovative technology for family caregivers. ISG 2016. Nice, France, September 28-30.
7. Moreno, A., Ahmed, S., Swaine, B., Mortenson, W. B., & Auger, C. (2015). Wheelchair-specific burden and overall burden of family caregivers of community-dwelling wheelchair users with and without cognitive/communicative impairment. Poster presented at the 44th Canadian Association on Gerontology Conference. October 23-25, Calgary, AB.
8. Mortenson, W. B., Routhier, F., Dalle, R., Demers, L., Wister, A., Auger, C., Fast, J., Rushton, P., Beaudoin, M., Lettre, J., & Mallette, D. (2016). Family Caregivers' Needs for Innovative Technology. Oral presentation at the 45th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, as part of the symposium: Understanding the assistive technology needs of family caregivers, October 20-22, Montreal, QC.
9. Dalle, R., Mortenson, W. B., Routhier, F., Demers, L., Wister, A., Auger, C., Fast, J., Rushton, P., Beaudoin, M., Lettre, J., & Mallette, D. (2016). Family Caregivers' Experiences with Caregiving-Related Technology. Canadian Association on Gerontology Conference. October 20-22, Montreal, QC.
10. Mortenson, W. B., Jutai, J., Fuhrer, M. J., Bilkey, J., Plante, M., DeRuyter, F., Demers, L. (2016). Efficacy of a collaborative assistive technology intervention for users and their informal caregivers. Canadian Association on Gerontology Conference. October 20-22, Montreal, QC.
11. Beaudoin M., Lettre J., Routhier F., Mortenson B., Dalle R., Demers L., Wister A., Auger C., Fast J., Rushton P., Mallette D. (2016). Technologies innovantes pour les aidants: Une étude à méthodologie mixte. Journée synthèse des étudiants d'été du CIRRIIS (Centre interdisciplinaire de recherche en réadaptation et intégration sociale). September

- 12, Québec city, QC.
12. Beaudoin M., Lettre J., Routhier F., Mortenson B., Dalle R., Demers L., Wister A., Auger C., Fast J., Rushton P., Mallette D. (2016). Technologies innovantes pour les aidants: Une étude à méthodologie mixte. Journée scientifique du Réseau provincial de recherche en adaptation-réadaptation (REPAR), September 12, Québec city, QC.
 13. Beaudoin M., Lettre J., Routhier F., Mortenson B., Dalle R., Demers L., Wister A., Auger C., Fast J., Rushton P., Mallette D. (2016). Technologies innovantes pour les aidants: Une étude à méthodologie mixte. Journée de la recherche en santé. May 17, Québec city, QC.

2. Abstracts Submitted:

1. W.B. Mortenson, F. Routhier, L. Demers, A. Wister, C. Auger, J. Fast, P. Rushton. (2017) Assistive Technology Needs And Experiences Of Family Caregivers. Poster to be presented at the IAGG conference on July 23-27, 2017 in San Francisco, California.

3. Books:

4. Chapters in Books:

1. Demers, L., & **Mortenson, W. B.** (2016). Measuring the impact of assistive technology on family caregivers. In S. Federici & M. J. Scherer (Eds.), Submitted to *Assistive Technology Assessment Handbook 2nd edition*. Boca Raton, FL: CRC Press.
2. Demers, L., & Mortenson, W. B. (2012). Measuring the impact of assistive technology on family caregivers. In M. Scherer & S. Federici (Eds.), *Assistive Technology Assessment Handbook* (pp.83-106). Boca Raton, FL: CRC Press.

5. Peer-Reviewed Papers Accepted or In Press:

6. Peer-Reviewed Abstracts Published:

7. Final Reports:

8. Draft Manuscripts and Documents Available:

9. Analysis Completed:

10. Studies Completed:

11. Studies in Progress:

3. INTtoCARE WP2.1

12. Ideas:

13. Funds Applied for:

14. Websites:

4. INTtoCARE vignette website: <http://wp21.agewell-nce.ca/wp-login.php>

15. Media Reports:

16. Potential Conferences:

17. Publication Plan (Lead person is named; potential journals to submit to):