

A COMPENDIUM OF AGING-RELATED RESEARCH

YORK UNIVERSITY CENTRE FOR AGING RESEARCH AND EDUCATION (YU-CARE)

YU-CARE members study a vast span of themes and topics relevant to the aging experiences of peoples in Canada and around the world. This research is impactful at the individual, organizational, and societal levels.

Broadly, this research explores the themes of the psychology of aging; the physiology and biomechanics of aging; the cognitive neuroscience of aging; diversity; care work practices and delivery; and aging policy and healthy aging promotion.

The research included in this compendium is a complete resource of the **aging-specific** research produced by the YU-CARE Steering Committee and Associate members. However, it is only a snapshot of the broader research produced by the Centre's members, and is not inclusive of non-aging-specific research conducted by the faculty. Visit individual [faculty websites](#) for further details on such other groundbreaking works

*Authors shown in bold indicate a YU-CARE Committee or Associate member.

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THEME 1: THE PSYCHOLOGY OF AGING

Research explores the impact of the perception and stereotyping of aging on older adults; the role of mental illness and illnesses in the aging experience; psychosocial components that diversify the aging experience; and the role of drama and art in transforming care practices and the perception of aging by older adults and society.

1.1 THE ROLE OF DRAMA IN AGING

1. Polly Ford-Jones and **Tamara Daly**, (SUBMITTED August 2022) “Paramedicine, mental health calls, and the social determinants of health: A qualitative study” to Health and Social Care in the Community.

2. Chaudhary M, Adams MS, Mukhopadhyay S, Litoiu M, **Sergio LE** (2021) Sabotage detection using Deep Learning models on EEG data from cognitive-motor integration task. *Front. Hum. Neurosci.*: 558; <https://doi.org/10.3389/fnhum.2021.662875>

3. Polly Ford-Jones and **Tamara Daly** (2020) Filling the gap: Mental health and psychosocial paramedicine programming in Ontario, Canada, Health and Social Care in the Community,
DOI:10.1111/hsc.13189 <https://onlinelibrary.wiley.com/doi/10.1111/hsc.13189>

4. Polly Ford-Jones and **Tamara Daly**, (2020) Paramedicine and Mental Health: A Qualitative Analysis of Limitations to Education and Practice in Ontario”, *Journal of Mental Health Training, Education and Practice* Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JMHTEP-05-2020-0031>

5. Gray, J., Dupuis, S.L., Kontos, P., **Jonas- Simpson**, C., Mitchell, G., Gray, J. (2020). Knowledge as embodied, imaginative and foolish enactment: Exploring dementia experiences through theatre. *Forum, Qualitative Social Research*, 21(3), 1-21. <https://doi.org/10.17169/fqs-21.3.3444>

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11. **Mitchell**, G. J., Dupuis, S., **Jonas-Simpson**, C., Whyte, C., Carson, J., & Gillis, J. (2011). The experience of engaging with research-based drama: Evaluation and explication of synergy and transformation. *Qualitative Inquiry, 17(4), 379–392.*
12. Kontos, P. C., **Mitchell**, G. J., Mistry, B., & Ballon, B. (2010). Using drama to improve person-centred dementia care. *International Journal of Older People Nursing, 5, 159-168.*
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1.2 PERCEPTION AND STEREOTYPING OF AGING

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2. usupov, Vandermorris, S., Plunkett, C., Astell, A., Rich, J. B., & Troyer, A. K. (2022). An Agile Development Cycle of an Online Memory Program for Healthy Older Adults. *Canadian Journal on Aging*, 1–10. <https://doi.org/10.1017/S0714980821000763>
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1.4 MENTAL ILLNESS, ILLNESS, AND THE AGING EXPERIENCE

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9. Marcia Rioux and Tamara **Daly** (2019) “Constructing Disability and Illness” in Staying Alive: Critical Perspectives on Health, Illness, and Health Care. Edition III Eds. Dennis Raphael, Toba Bryant and Marcia Rioux, Canadian Scholars Press, 305 – 324 -- Forthcoming December 2019.
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THEME 2: PHYSIOLOGY, BIOMECHANICS, AND AGING

Researchers investigate the pain and chronic pain experiences and attitudes of older adults; the effects of age on the physical body; and the impact of physical activity and exercise on older adults.

2.1 PAIN AND AGING

1. Adeyinka BO, Gatti AA, **Chopp-Hurley JN**. (2023). Investigating the relationship between physical activity and self-reported outcomes in adults with rotator cuff related shoulder pain. *Physiotherapy Theory and Practice*, (Online ahead of print) doi: [10.1080/09593985.2023.2250438](https://doi.org/10.1080/09593985.2023.2250438)
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 10. Eggert T, **Henriques DYP**, 't Hart BM, Straube A. Modeling inter-trial variability of pointing movements during visuomotor adaptation. *Biol Cybern*, 2021. doi: 10.1007/s00422-021-00858-w
 11. Marcia Rioux and **Tamara Daly** (2019) "Constructing Disability and Illness" in *Staying Alive: Critical Perspectives on Health, Illness, and Health Care*. Edition III Eds. Dennis Raphael, Toba Bryant and Marcia Rioux, Canadian Scholars Press, 305 – 324.

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23. **Gagliese**, L., & Melzack, R. (1997). Chronic pain in elderly people. [Pain, 70, 3-14](#)
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THEME 3: THE COGNITIVE NEUROSCIENCE OF AGING

Among several topics, studies investigate memory changes; motor coordination; perception; attention; learning; and executive function among older adults. Related research explores different cognitive therapies and treatments.

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3.7 COGNITIVE THERAPIES AND TREATMENTS

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THEME 4: DIVERSITY AND AGING

Research covers a variety of topics related to the diversity of experiences in aging; the psycho-socio-economic barriers to successful and healthy aging; and the role of community programs in contributing to the lives of older adults.

4.1 DIVERSITY IN THE AGING EXPERIENCE

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THEME 5: CARE WORK, PRACTICES, AND DELIVERY

Research explores topics including the impact of care work policies and regulations on work organization and working conditions; the relationship between labour, gender, and precarity in the field; and the impact of care delivery models on workers and the quality of geriatric care.

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THEME 6: AGING POLICY AND HEALTHY AGING PROMOTION

Research concentrates on such topics including the impact of retirement and pension policies on older adults and the economy; the effect of long-term care policies and regulations on older adults; and sports & leisure programs that promote healthy aging.

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THEME 7: BLACK AGING AND EQUITY

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