

NRC-CNRC

Aging in Place

●●● Challenge program



Improving the quality of life of older adults and their personal caregivers through technology and innovation



The National Research Council of Canada's (NRC) Aging in Place Challenge program aims to support older Canadians in their choice to age in place through technology and innovation. The program is committed to supporting a sustainable model for long-term care by shifting focus toward preventive home and community based care. The aim is to enable nursing homes to concentrate on older adults with the highest needs while reducing costs to the Canadian health care system. The program's research also aims to inform federal and provincial policy decisions by contributing to the development of evidence based standards and guidelines.

About the program

Areas of focus

Working with Canadian and international partners from academia, industry, government, and other interested stakeholders, the program has been constructed around 4 main research pillars. Collaborative projects have been defined under each pillar:

1. **Safety:** Smart materials and devices; AI-assisted decision-making
2. **Health:** Brain health; physical health; activities of daily living
3. **Connection:** Mobility and transportation; social engagement
4. **Standards:** AgeTech adoption; data privacy and cybersecurity; dwellings for successful aging in place.



National Research
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Canada



Research outcomes

The program aspires to increase by 20% the number of older adults who are living in homes and communities of their choice by 2031. We intend to meet this challenge by developing innovative technologies and solutions that support safe, healthy and socially-connected living. We want to partner with like-minded private and public sector, academic and other research organizations in Canada and internationally to develop breakthroughs and innovative technologies that will support older adults and their caregivers to live safe, healthy, and socially connected lives while remaining in their homes and communities of choice.

For collaborators

There will be ongoing opportunities for collaborators to get involved through open calls for proposals. Grant and contribution funding will be available through the NRC's National Program Office for eligible collaborators. This could include contributions to collaborative research and development, as well as equipment needed for research in priority areas. Researchers from the academic, public, not for profit, and private sectors as well as from Indigenous governments and organizations may express their interest in collaborating by emailing us at NRC.AgingInPlace-VieillirChezSoi.CNRC@nrc-cnrc.gc.ca.

In addition, we have created an Experts by Experience (EBE) community, including a panel of older adults and caregivers to help inform and be involved in the program. We are always growing the EBE community and interested individuals can sign up here: ca1se.voxco.com/SE/170/NRC_AIP_1/?lang=en.

Follow us on social media for updates using #NRCChallengeAgingInPlace.

●●● Contact

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nrc.canada.ca/en/research-development/research-collaboration/programs/aging-place-challenge-program

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