AGE-WELL Environics Polling Data [2020]

- 66% of Canadians aged 50+ believe tech advances can help to lessen the impact of COVID-19 on daily life.
- 76% of Canadians aged 50+ are confident using current technology.
- 67% are willing to pay out-of-pocket for tech that allows them to stay at home as they age.

Prepared for AGE-WELL by Environics Research
N = 2,026, Canadians aged 50+

AGE-WELL National Innovation Hub

Sensors and Analytics for Monitoring Mobility and Memory (SAM³)

The SAM³ hub focuses on smart technologies that monitor older adults and their well-being - to keep them as healthy, safe and independent as possible. Based in Ottawa, ON, the hub brings together health professionals, researchers, industry, non-profits and older adults and caregivers who will benefit from such systems in their everyday lives.

Visit the website: agewell-nih-sam3.ca

AGE-WELL BY THE NUMBERS CENTRAL CANADA

- $22,585,302 Amount invested in Central region to date
- 622 Highly Qualified Personnel (HQP) in Central region
- 39 Number of Startups
- $28,329,000 Non AGE-WELL funds reported by startups in Central region

ONTARIO, QUEBEC
AGE-WELL PROJECTS & STARTUPS

PROJECTS

Casper and Vigil Robots
Casper advises older adults on meal preparation, exercise/therapy, self-care and scheduling and it permits remote video consultations with medical professionals. Vigil monitors well-being using a range of measured health parameters and signals for help in an emergency.

The Power of Music
This project explores how assistive music technology can help older adults overcome barriers to making music and enhance wellbeing and quality of life. The team is working with a technology called Soundbeam, which emits an ultrasound beam that can be manipulated by motion and movement and translated into sound. Image courtesy of: I’m Soul Inc.

PostureCoach
This wearable back device provides caregivers with real-time feedback through a vibration or an audio signal when they are in a posture that puts them at high risk for back injury. PostureCoach is designed to encourage the wearer to keep their lower back straight, and to bend from the hips instead of flexing the spine.

STARTUPS

Braze Mobility
Braze Mobility Inc. has developed an add-on system that can transform a regular wheelchair into a “smart” wheelchair able to help prevent collisions. The novel system uses sensors to detect obstacles and provides visual, audio or vibration feedback to drivers. It can be added to any powered or manual wheelchair and is available for purchase. brazemobility.com

VitalTracer
VitalTracer has created a wearable, medical-grade smartwatch that measures all vital signs, such as blood pressure, oxygen levels, heart rate, respiratory rate and more. The smartwatch helps patients stay on track of their health and increases safety. The Montreal-based startup won the AGE-WELL Emerging Entrepreneur Award and received a top up by Mitacs. vitaltracer.com

Walk-BEST
PhysioBiometrics Inc.’s Walk-BEST™ toolkit aids people with mobility challenges to walk BETter Faster, Longer, STRonger. The pivotal tool in the toolkit is the Heel2Toe™ sensor, which provides accurate assessment of walking pattern with real-time auditory feedback for efforts to optimize walking pattern. The sensor attaches to the side of the shoe and augments gait training.
PARTNERSHIP OPPORTUNITIES

Strategic investment opportunities:

- Gain a complete understanding of emerging technologies to support healthy aging – one of the largest market opportunities of our generation.
- Participate in joint funding opportunities, including collaborative funding programs.
- Partner with our researchers on cutting-edge projects. AGE-WELL has over 20 active research projects developing solutions to support healthy aging.
- Partner with us on national initiatives to transform aging in Canada.

FEATURED PARTNERS

ABOUT AGE-WELL

AGE-WELL is Canada’s technology and aging network, federally funded through the Networks of Centres of Excellence program. AGE-WELL is producing technologies, services, policies and practices that improve the quality of life of older adults and caregivers, and produce social and economic benefits for Canada.

CONTACT US

- info@agewell-nce.ca
- www.agewell-nce.ca
- @AGEWELL_NCE

AGE-WELL is funded through the federal Networks of Centres of Excellence program.