AGE-WELL NCE: Where we are, Where we are going

Our Future is Aging Conference
June 17, 2016
This is AGE-WELL
Key Objectives

- Develop a multidisciplinary understanding of technologies for healthy aging
- Accelerate innovation through the training of HQP in unique, applied environments
- Foster strong networking and partnerships among academic, public, private, and community sector stakeholders
- Conduct world-class research
A Transdisciplinary Approach

Researchers and stakeholders will embark on a program of joint visioning that will produce practical applications and drive the development of novel technologies.
AGE-WELL’s Anti-Mantra

“All breakthrough, no follow through.”

(Wolf, 2006)
Governance

- AGE-WELL was incorporated as a not-for-profit in November, 2014
- We are governed according to all of the rules and regulations of the Canada Not-for-Profit Corporations Act
- We are mandated by By-Laws approved by the AGE-WELL Board of Directors
Effective Leadership & Decision Making

Board of Directors
(M. Harcourt)
Finance and Audit Committee
(B. Stymies)
Executive and Nominating Committee
(M. Harcourt)

Commercialization and Technology Development Committee
International Scientific Advisory Committee
(A. Mackworth)
Community Advisory Committee
(S. Thornig)
Industry Advisory Committee
(P. Goodhand)

Scientific Directors
(A. Mihalidis, A. Sixsmith)

Managing Director
(B. Murphy)

KTEE Advisory Committee
Research Management Committee
(A. Mihalidis)

Admin Coordinator
Business Dev & Partnerships Mgr
Education & Training Admin
Finance Officer
Senior Mgr Communications

WP Advisory Committee
(J. Jutal)

HQP Advisory Committee
(A. Kuspinar)

Crosscutting Activity Leads & Workpackage (WP) Leads
Research Driving Innovation
A Snapshot of AGE-WELL’s Research Program

- Research Questions:
  1. What are the needs of older adults and caregivers?
  2. What technologies and services should be used?
  3. How can we foster innovation?

- Eight research Workpackages (WPs)
- Five Crosscutting (CC) activities

Our Research Program will solve real problems that are faced by Canadian seniors and their families
Understanding the Needs of the User

WP1 - NEEDS-OA
WP2 - NEEDS-CG

- New knowledge about the technology needs and preferences of older adults
- Understanding the needs of caregivers
- Studying the importance of context, such as rural and indigenous communities
- Development of tools to better engage end users
Technology Development

WP3 - TECH-FAI
- Robotics and smart home systems that support older adults with cognitive tasks at home or in the community

WP4 - TECH-APS
- Technologies that assist older adults physical impairments and disabilities

WP5 - TECH-DD
- Products that enable greater social interaction

WP6 - TECH-MCH
- Technologies that can mitigate risk of injury from accidents and prevent disease and disability
- Screening tools to enhance mental health
Innovation

WP7 – POLICY-TECH
WP8 – ETHICS-TECH

• Improvements to the current policy, reimbursement and regulatory landscape in Canada

• Improved understanding of the ethical, privacy, and security factors that are most likely to contribute to disparities in the usage of emerging technologies
Enabling Impact Across the Network

CC1 – K-MOB
Knowledge mobilization

CC2 – TECH-TRANS
Tech Transfer & Commercialization

CC3 – T-WORK
Transdisciplinary team-working

CC4 – TRAIN
Training and mentoring of HQP

CC Activities will help to ensure the impact of AGE-WELL
AGE-WELL - KTEE

AGE-WELL will generate social and economic benefits by ensuring the rapid flow of ideas and innovations from researchers to Canadian receptors.
AGE-WELL Produces Products

Technologies    Services

Policy & Practice
From the Ground Up
Value Added by Partnership with AGE-WELL

- 22 Post-Secondary Partners
- 34 Industry Partners
- 15 Community Partners
- 21 Government & Provincial Partners
Newest Partners

- **myant**
  - Smart textiles and wearables for health monitoring

- **Otsuka**
  - Sit on the GCAD and co-hosting pitch event competitions

- **revera**
  - AGE-WELL has become the research arm of Revera and all of their national facilities

- **Women's Brain Health Initiative**
  - Co-funding of scholarships related to women, aging, and technology

- **UBER**
  - Development and delivery of training program for new seniors transportation, member of national advisory committee
# NEW FUNDING PROGRAMS

<table>
<thead>
<tr>
<th></th>
<th>Strategic Investments Programs (SIP)</th>
<th>Catalyst Program</th>
<th>Collaborative Impact Program (CIP)</th>
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<tbody>
<tr>
<td><strong>Purpose</strong></td>
<td>Supports post-discovery commercialization, business development and knowledge mobilization activities.</td>
<td>Scalable research projects including pilot studies, feasibility studies, and novel and innovative approaches aligned with research priorities and themes.</td>
<td>Solution focused- advanced stage projects with significant partner engagement.</td>
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<td><strong>Award Value</strong></td>
<td>$25,000 (up to $50,000 from AGE-WELL with partner contributions)</td>
<td>$35,000</td>
<td>$75,000 Partner contributions: 25% cash contributions 25% in-kind contributions</td>
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<td><strong>Term</strong></td>
<td>12 months, non-renewable</td>
<td>Annual (March)</td>
<td>Annual (March)</td>
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<td><strong>Closing Deadlines</strong></td>
<td>Quarterly (Jan, April, Aug, Nov)</td>
<td>Annual (March)</td>
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**Contact:** jeanie@agewell-nce.ca
A New Generation of Trainees

• AGE-WELL will “produce” HQP that will be important for all stakeholder communities, including academia, clinical, and industry sectors

• AGE-WELL will equip HQP with transdisciplinary skills and expertise needed to be relevant across sectors through an experiential training program
Who Are Our Trainees…?

AGE-WELL HQP will come from a variety of disciplines, backgrounds, and experiences making our training programs truly transdisciplinary.

- Engineering
- Computer Science
- Gerontology
- Bioethics
- Rehabilitation Sciences
- Sociology
- Health Policy
- Psychology
- Nursing
- Design
EPIC – The ABCs to a Successful Career

Knowledge and Technology Exchange & Exploitation: **Accelerate innovation and commercialization.** Join our Knowledge Community and help establish Canada as a global leader in the development of technologies for healthy aging.

*Transdisciplinary Research Skills:* **Build** research capacity and expertise to achieve excellence in research. Transcend disciplinary boundaries to think and problem-solve creatively.

*Ethics:* **Close** the gap between innovative technologies and practice. Understand the ethical, privacy, and security factors that obstruct market access and success.

*Understanding Impact:* **Drive** practical solutions. Know the market, end user, and the relationship between technology and the built environment.
PITCH, LEARN, NETWORK

AGE-WELL PITCH COMPETITION:
TECHNOLOGY TO SUPPORT PEOPLE WITH DEMENTIA

Saturday, July 23, 2016 | 6:00 - 9:00 pm
Imperial Room, Fairmont Royal York | Toronto ON
Annual Conference and AGM

- 200+ attendees in 2015, including HQP and partners
- Expanding in 2016 to allow more research presentations and technology showcase
- Continue in partnership with CAG
- AGE-WELL 2016 | October 18-21 Montreal, QC
For More Information

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