



CIHR IRSC

From Cell to Society: Research on Health and Aging in Canada

UK Meets Canada

Royal College of Art, London
January 11th, 2008



Canada



CIHR IRSC

Canadian Institutes of Health Research (CIHR)

- ❖ Major health research agency for Canada
- ❖ Launched on June 7, 2000
- ❖ Supports 10,000 researchers in universities, teaching hospitals, institutes
- ❖ Replaces Medical Research Council and the National Health Research & Development Program of Health Canada
- ❖ New structure for funding research:
 - virtual institutes
 - multidisciplinary approach

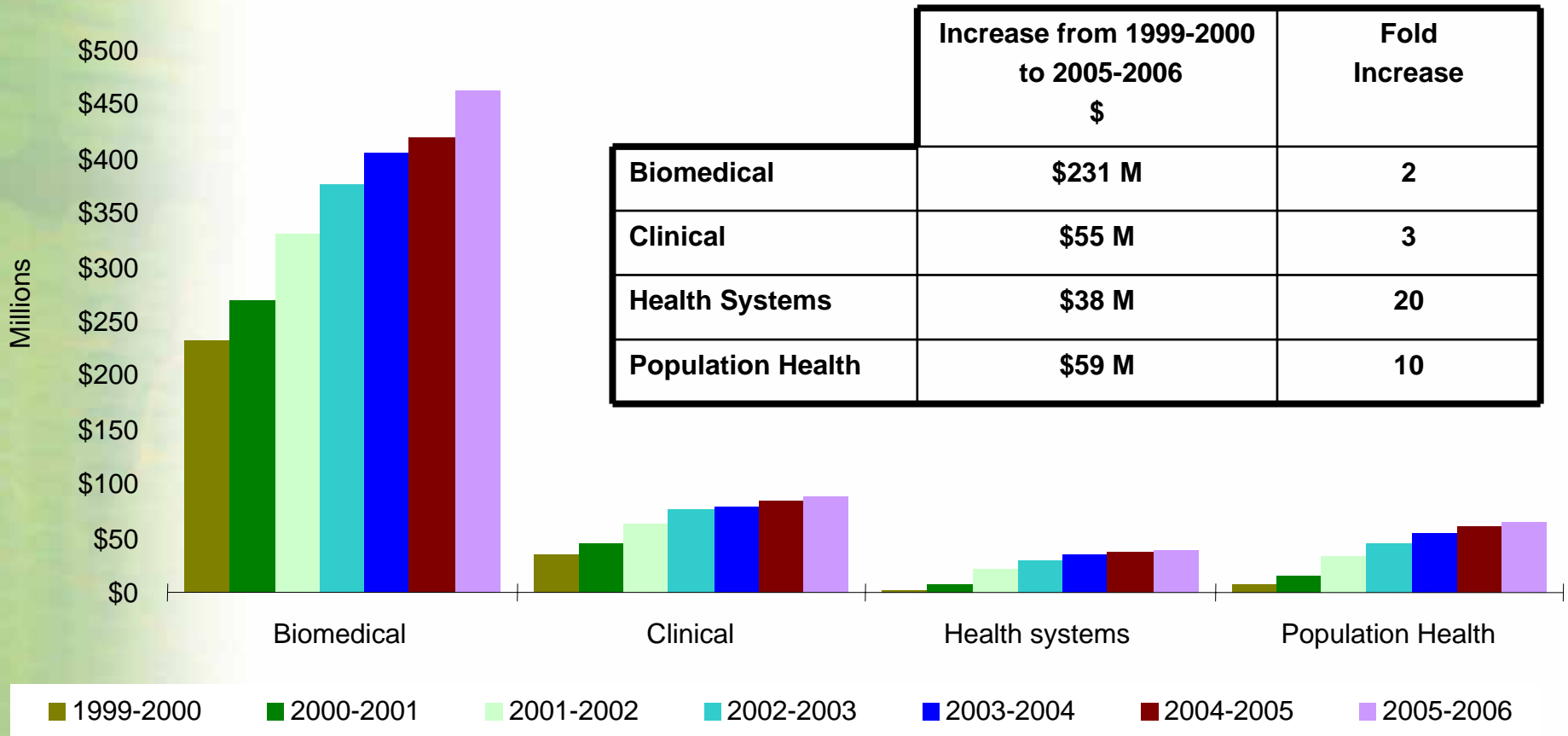


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CIHR - Mission

*“To excel, according to internationally accepted standards of scientific excellence in **the creation of new knowledge and its translation into improved health for Canadians, more effective health services and products and a strengthened Canadian health care system...**”*

CIHR Grants and Awards Funding: Research Themes

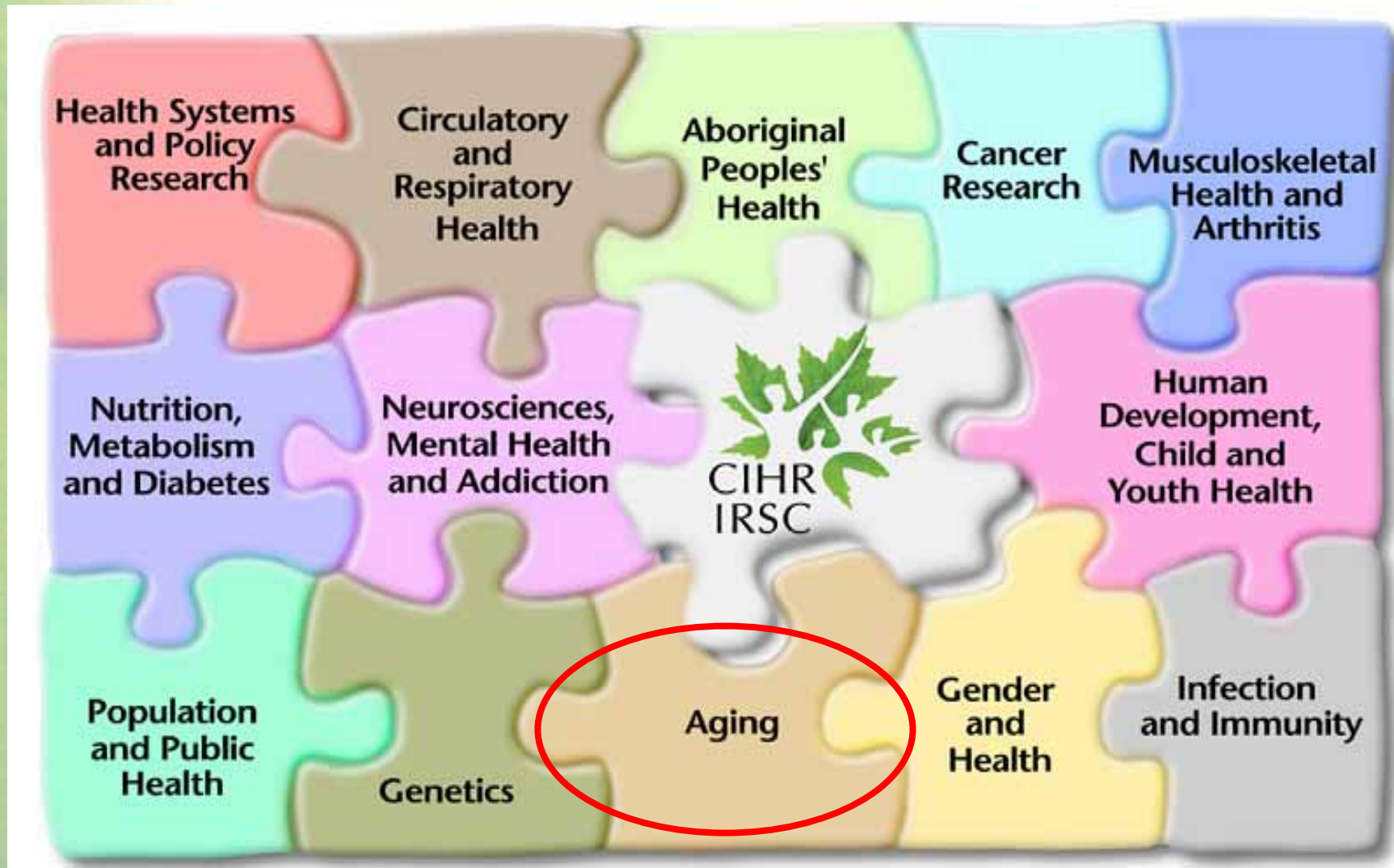


Note:
 Figures include a proportional distribution of projects where researchers had not selected a primary research theme.
 Figures do not include CRC's and NCE's.



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CIHR - Institutes

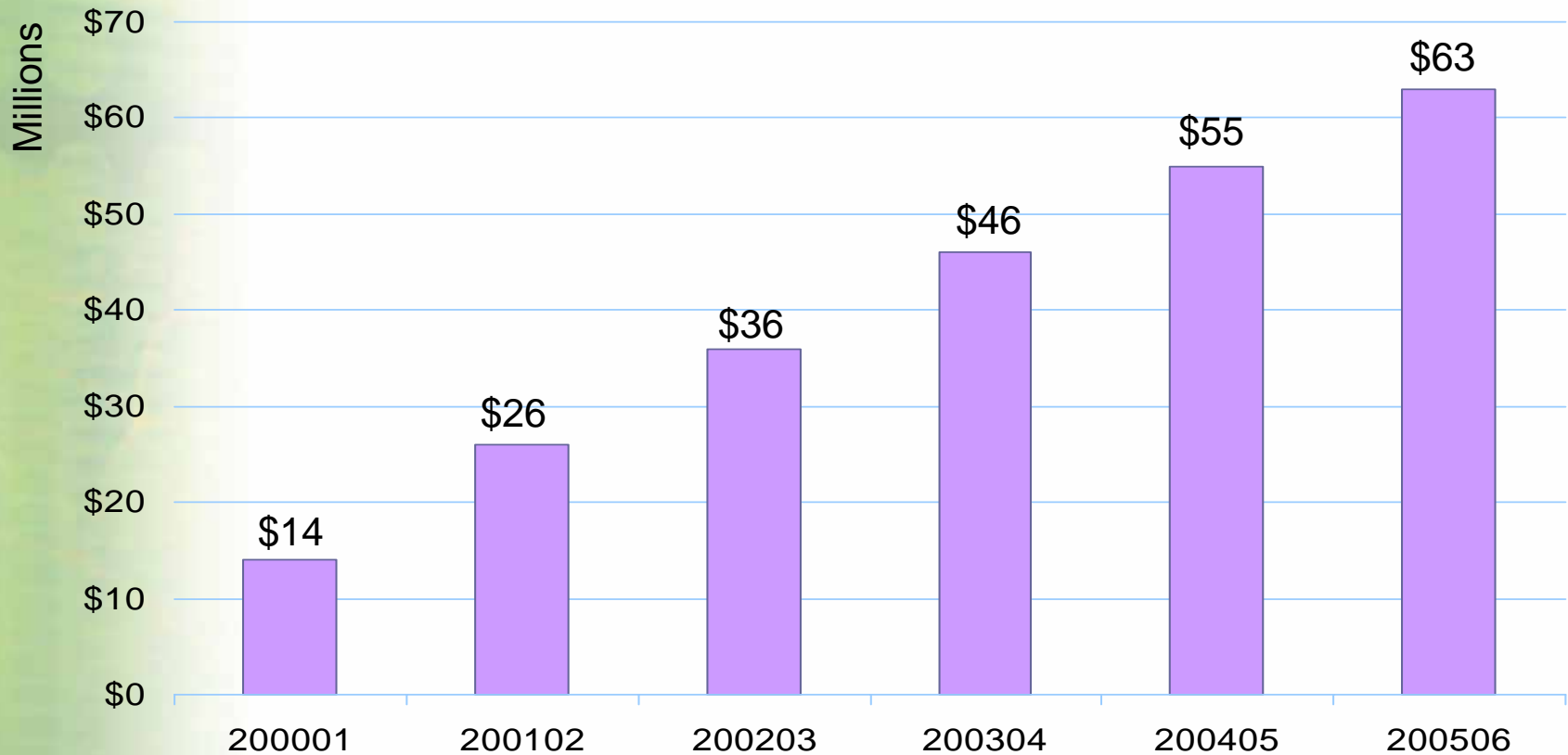


The fundamental goal of the Institute of Aging is the advancement of knowledge in the field of aging to improve the **quality of life** and the **health** of older Canadians.



Growth in CIHR Investment in Aging

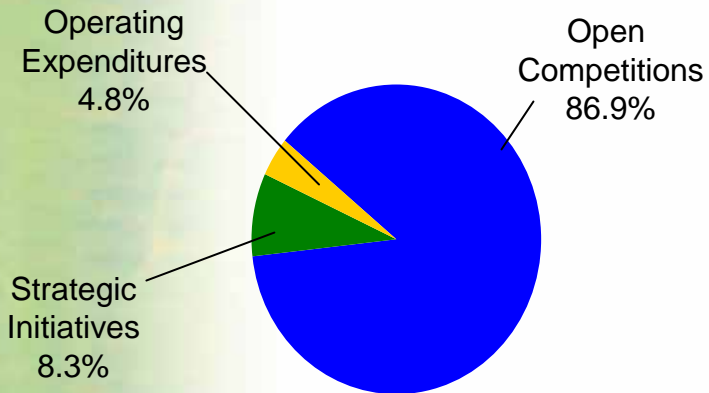
Estimated CIHR Investment in Research in the area of Aging
in millions of dollars



CIHR Expenditures (\$ Millions)

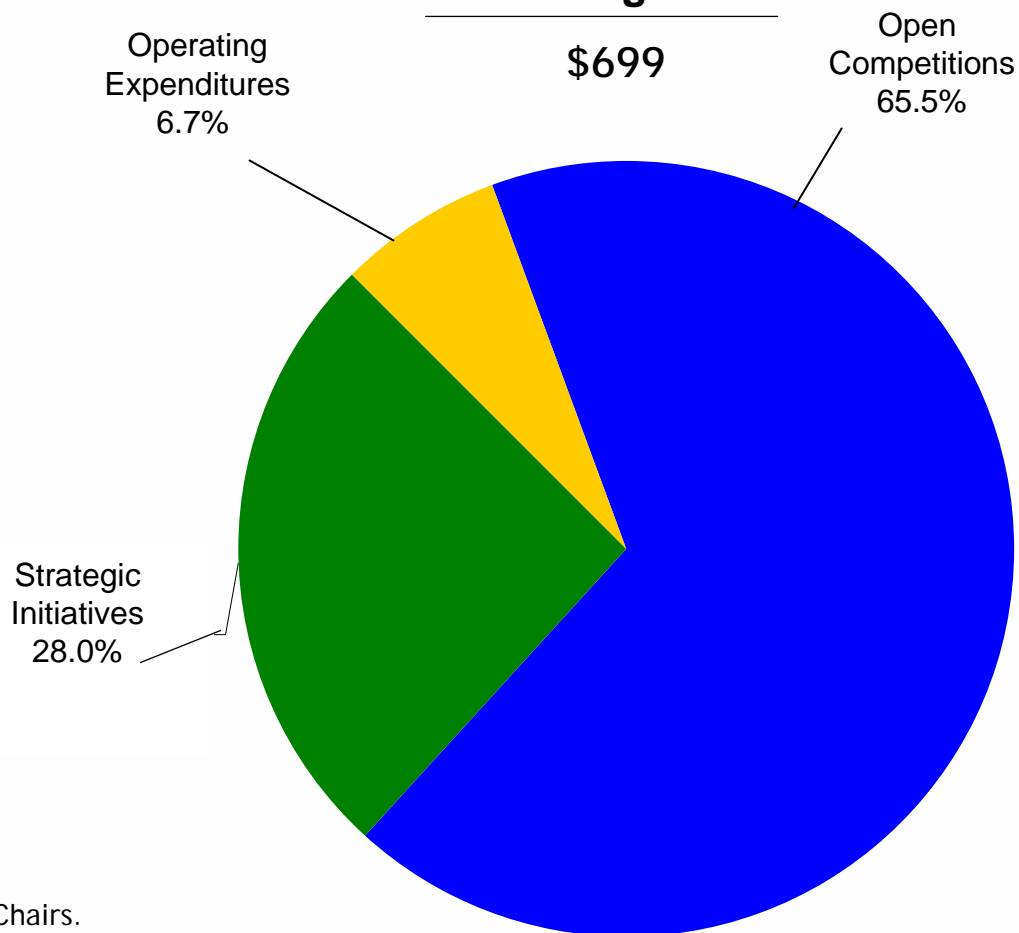
**1999-2000
(MRC)**

\$289



**2005-2006
Budget**

\$699



Note: Figures do not include NCEs and Chairs.

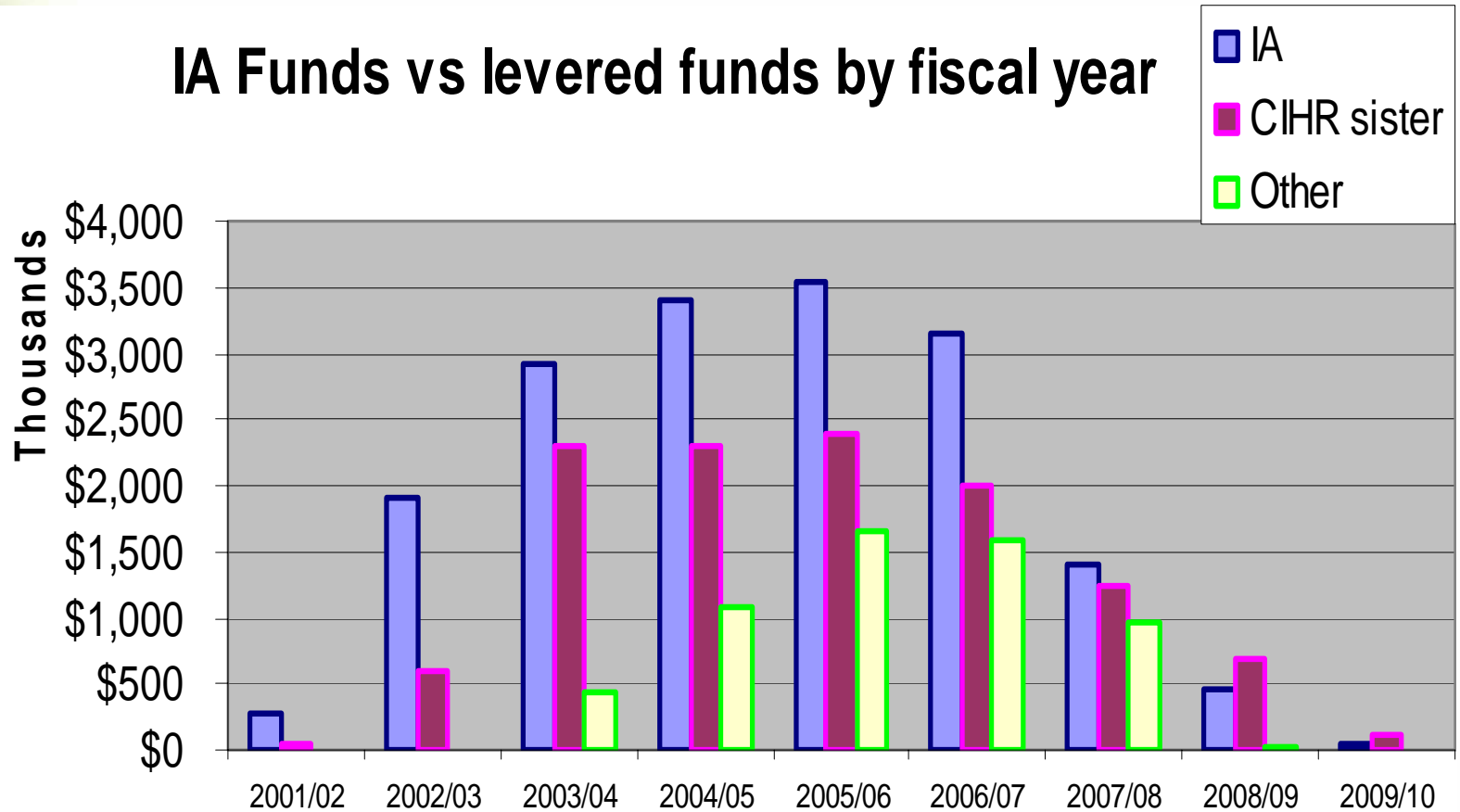
Five Priority Research Areas

- ❖ **Healthy and successful aging**
- ❖ **Biological mechanisms of aging**
- ❖ **Cognitive impairment in aging**
- ❖ **Aging and maintenance of functional autonomy**
- ❖ **Health services and policies relating to older people**

- ❖ **Cognitive Impairment in Aging Partnership**
- ❖ **Mobility in Aging**
- ❖ **Canadian Longitudinal Study on Aging**
- ❖ **Public Engagement: Regional Seniors' Research Workshops**



IA Funds vs levered funds by fiscal year



Strategic Research Focus: Mobility in Aging

- ❖ Understanding and defining mobility
- ❖ Maintaining and restoring mobility
- ❖ Measures, tools, and technologies in research, assessment and mobility aids
- ❖ Supportive designs for mobility in aging: housing, communities, and transportation

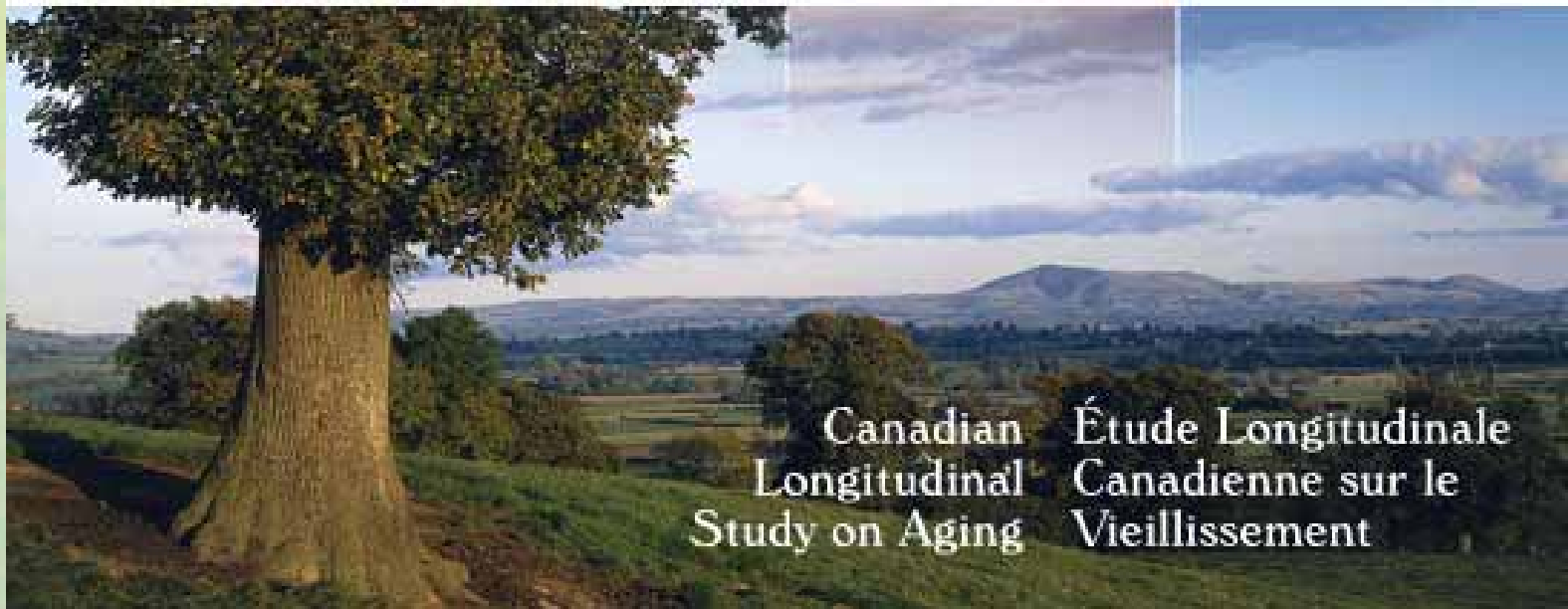


- ❖ **Strategy re Mobility in Aging Initiative:**
 - Institute Advisory Board Working Group
 - Partner with other CIHR Institutes
 - Requests for Applications (RFAs):
 - » Planning and Development Grants
 - » Research Synthesis Grants
 - » Emerging Team Grants (2007; 08; 09)
 - Consultations with researchers, potential partners, policy makers, consumers

- ❖ **Support strategic aging research:**
 - ☐ Pilot Project Program ('risky initiatives')
 - ☐ Proof of Principle – Commercialization

- ❖ **Support Capacity-Building:**
 - ☐ Training Programs and Teams
 - ☐ Training and Investigator Awards
 - ☐ Summer Program in Aging (SPA)

Canadian Longitudinal Study on Aging



Principal Investigators:

- Parminder Raina, McMaster
- Christina Wolfson, McGill
- Susan Kirkland, Dalhousie



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Canadian Longitudinal Study on Aging (CLSA): Research Team

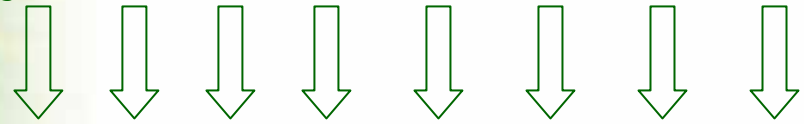
- ❖ **3 Principal Investigators**
- ❖ **20 Co-Investigators**
- ❖ **180 collaborators (all provinces)**
- ❖ **20 years: Study ages 40+**
- ❖ **30,000 – 50,000 people followed**
- ❖ **Launch: 2008 (Statistics Canada; inception cohort of 30,000)**



Proposed CLSA

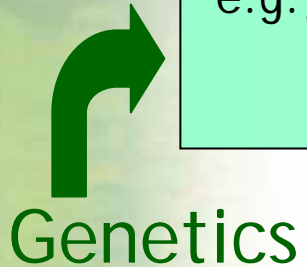
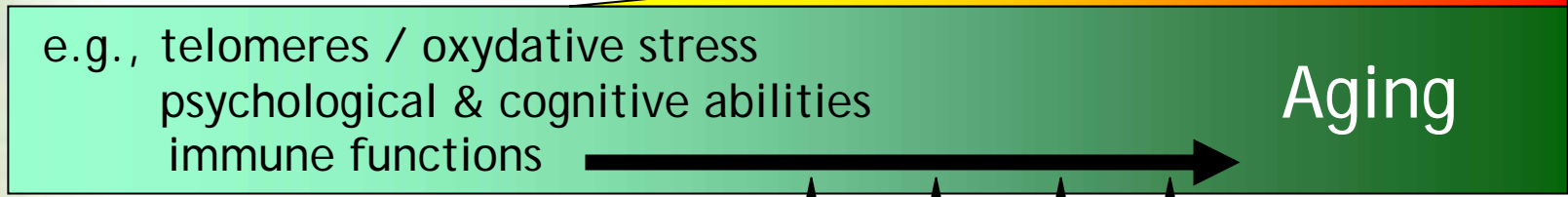
Environmental influences

(e.g., rural, socio-economic, exercise, nutrition)



Chronic diseases

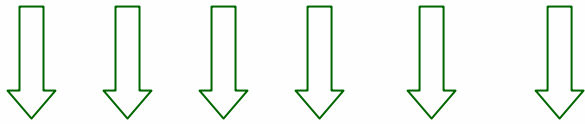
diabetes, cancer, dementia
arthritis, cardiac



Genetics



infections



Health Services Utilization



time



Canada Meets UK: Future Funding Opportunities?

- ❖ **New Dynamics of Aging (NDA)/ CIHR Institute of Aging:**
 - **September 2007 launch**
 - **Support Canada – UK collaborations**

- ❖ **Foundation for Canadian Studies (UK):**
 - **Canada/UK University Partnerships**
 - **Post-Graduate Training**



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Canada Meets UK: The Future is AGING!

