



### **Outline**

- Background and context
- Evidence
- Toolkit: Information pamphlet & calendar
- Impact
- Where to find the toolkit?

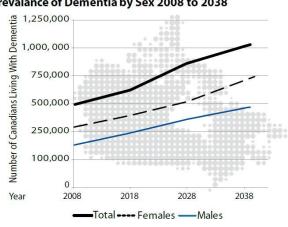
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### **Context**

- The Ontario Brain Institute's vision is to improve brain health
- Alzheimer's Disease and dementia are a priority
- Goal is to take what we know and make it what we do
- Focus on information that is actionable: Prevention

## Why Alzheimer's

#### Prevalance of Dementia by Sex 2008 to 2038



Rising Tide, 2010 Alzheimer Society of Canada

### What can be done?

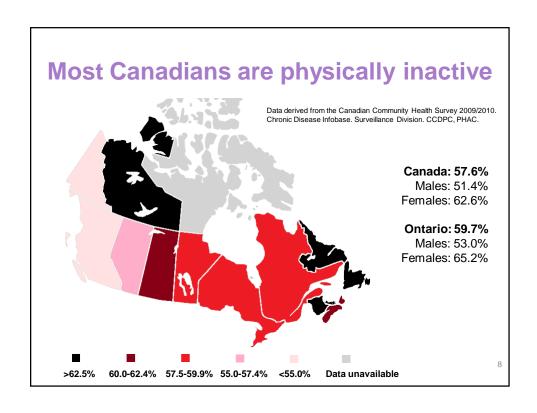
- Currently, there are few treatments available for Alzheimer's disease - although research is actively pursuing new options
- In the meantime, what can be done? What is costeffective and actually works?

Rising Tide, 2010 Alzheimer Society of Canada

## **Lifestyle Factors**

Five modifiable lifestyle factors linked to Alzheimer's Disease:

- Smoking
- Education
- Social Engagement
- Diet
- Physical Activity



## **Evidence**

The Role of Physical Activity in the Prevention and Man: Alzheimer's Disease—Implications for Ontario







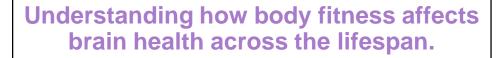
Physical activity can cut risk of Alzheimer's, report suggests WENCY LEUNG
The Globe and Mall
Published Friday, Mar. 08 2013, 7:00 AM EST
Last updated Tuesday, Mar. 19 2013, 1:56 PM EDT

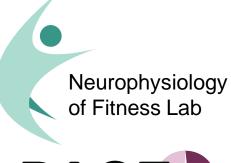


- > Over 30 print, tv, and radio features
- Every major city in CanadaPakistan Times, The Mirror

### **About Dr. Jennifer Heisz**









PACE

Physical Activity

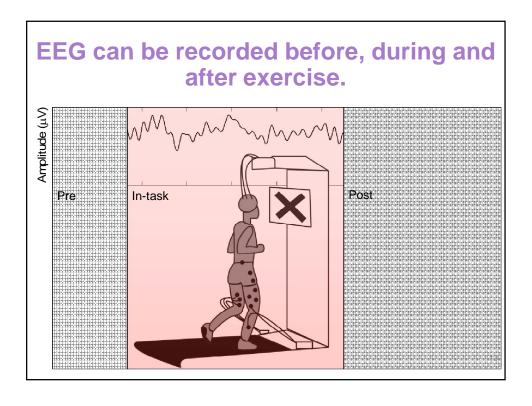
Centre of Excellence

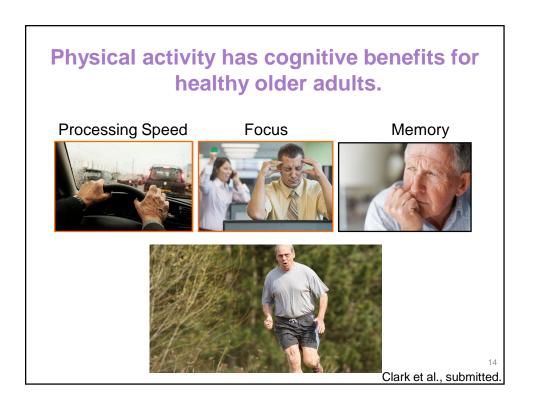
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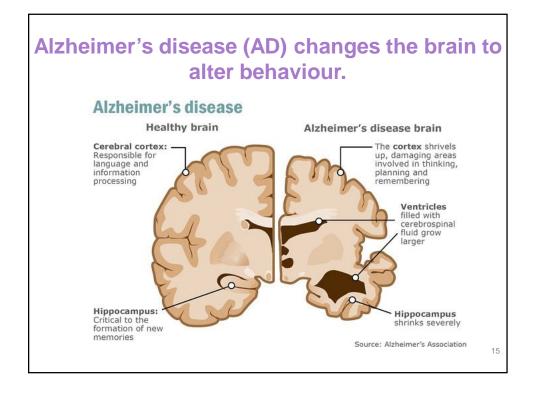
## Physical Activity Centre of Excellence (PACE) at McMaster University





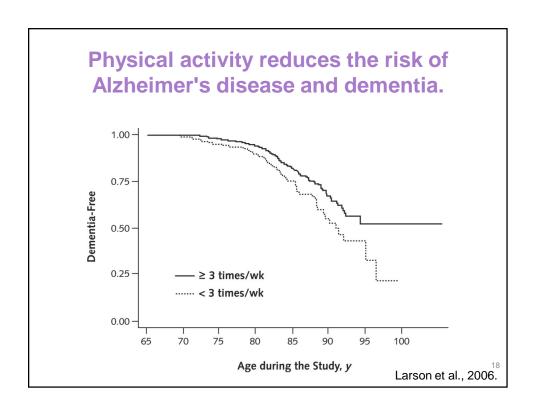






- 1. Can physical activity be used to prevent and manage Alzheimer's disease?
- 2. How do we motivate people to be sufficiently active for good health?

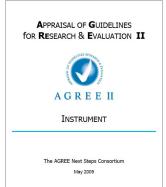
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## A key way to translate knowledge is to develop an evidence-based recommendation.



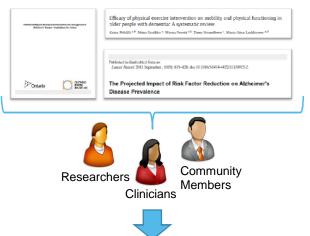
- 1. Scope and Purpose
- Stakeholder Involvement
- 3. Rigour of Development
- 4. Clarity of Presentation
- 5. Applicability
- 6. Editorial Independence

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### **Purpose**

To develop evidence-based resources to help those who have Alzheimer's Disease, and those who are trying to prevent Alzheimer's Disease, become more physically active.

## We reviewed the literature and developed an evidence-based recommendation.



Consensus statements on the benefits of physical activity for the prevention and management of Alzheimer's disease.

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# Physical activity for Alzheimer's disease prevention and management.

- 1. Habitual physical activity is associated with a reduced risk of developing Alzheimer's Disease.
- Among older adults with Alzheimer's Disease, routine/regular physical activity may help to manage some of the symptoms associated with the disease.

- 1. Can physical activity be used to prevent and manage Alzheimer's disease?
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# Most older adults are not sufficiently active for good health.



# How do we help citizens become more physically active?



# We conducted a systematic review of the literature and developed a tool.

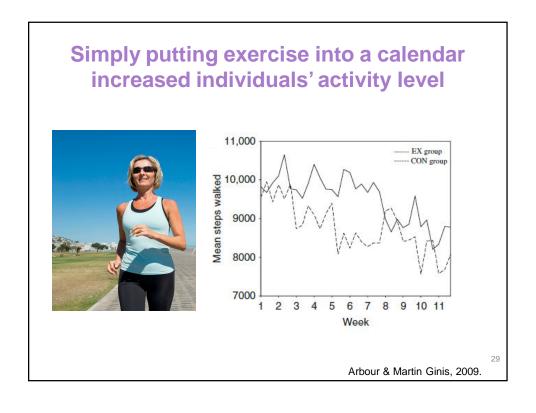
Promoting Physical Activity for Older Adults The Challenges for Changing Behavior Lawrence R. Bradey, Ph.D. W. Jark Rejesli, Ph.D. Abby C. King, Ph.D

The Theory of Planned Behavior: A Review Its Applications to Health-related Behaviors





Evidence-informed physical activity resources for people who have Alzheimer's disease or are trying to prevent it.



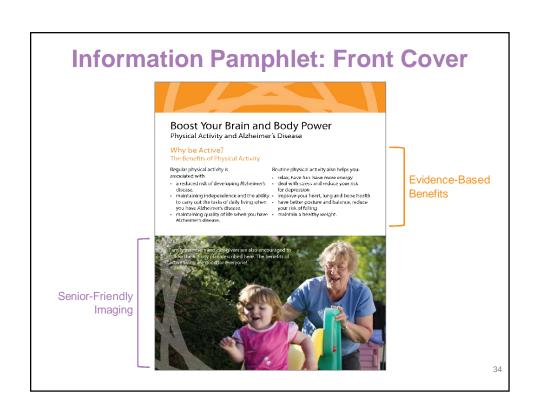


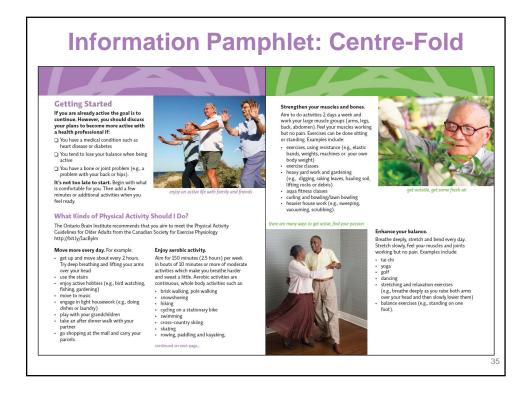
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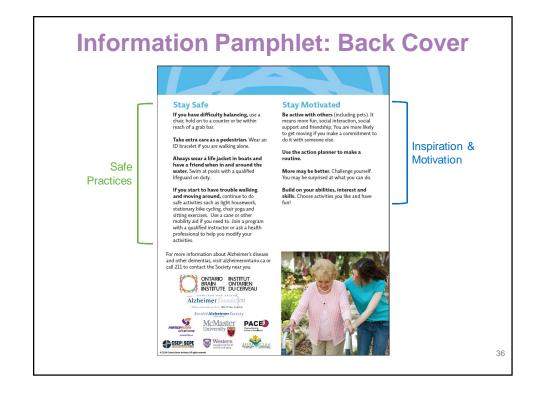


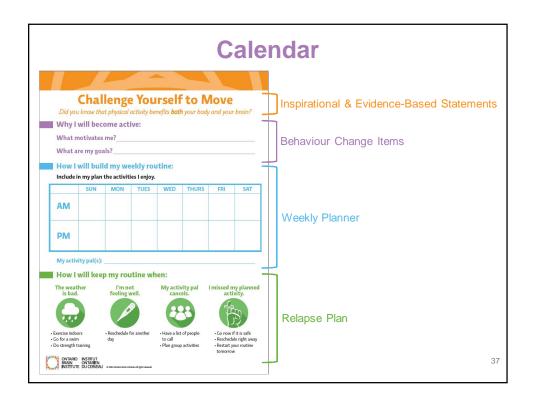
### What Does The Toolkit Include?

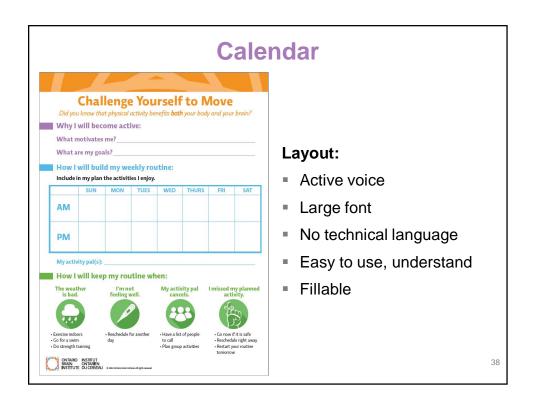
- 1. Information Pamphlet
- 2. Calendar



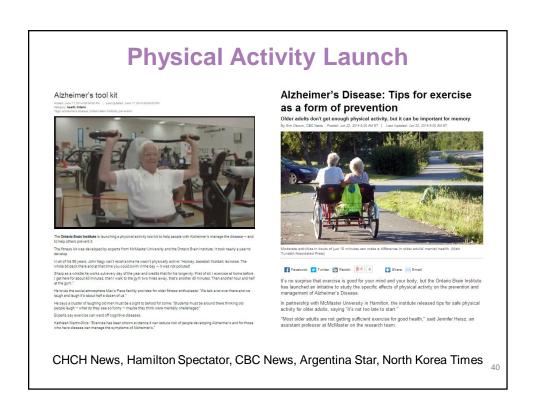






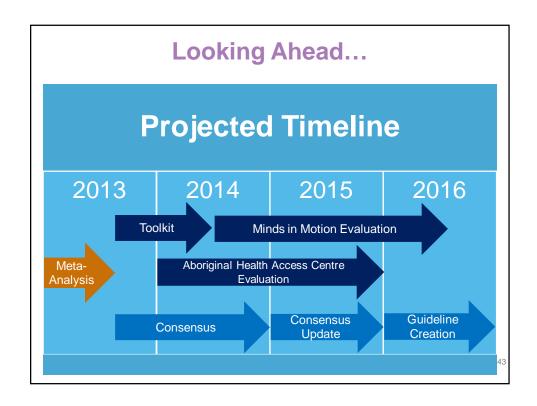














# Where Can I Get the Physical Activity Toolkit?

### **Hardcopies**

- Minds in Motion pilot sites
- Alzheimer Society
- Active Living Coalition of Older Adults (ALCOA)

### **Downloadable Copies**

 Ontario Brain Institute's website









