

**World Dementia
Council** Leading the Global Action
Against Dementia

Alzheimer's and Dementia; The Global Ecosystem

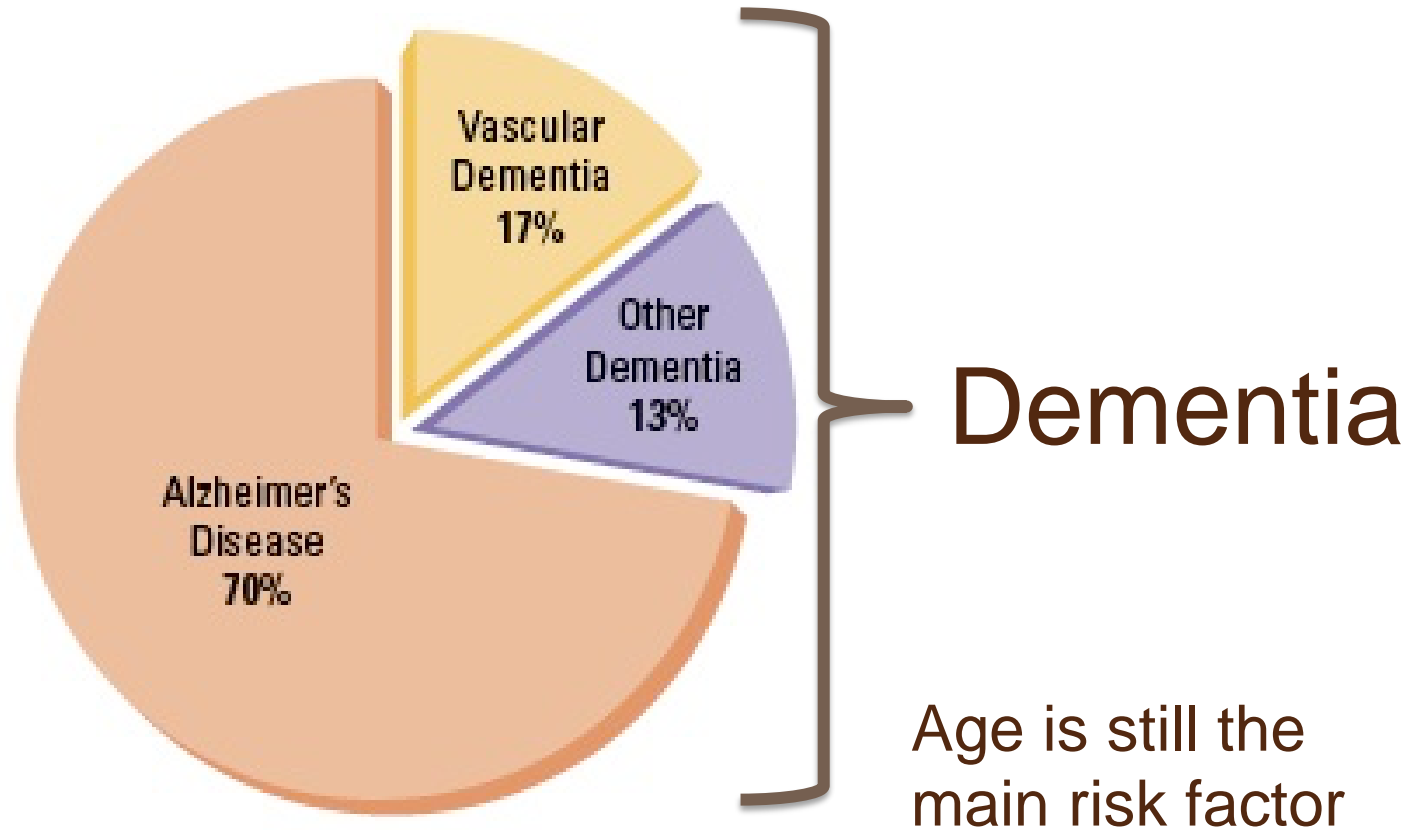
Yves Joanette, PhD, FCAHS
Chair, World Dementia Council

DIAD Meeting
Toronto, 2016

Goals of this Presentation

- Ultimate goal is to discuss the current global ecosystem advocating to face the global challenge of dementia
- Some of the elements we will discuss together
 - Extent of this global challenge
 - Extent to which global policy makers are aware of the challenge
 - Examples of global actions that are currently deployed
 - Importance of the role of those living with dementia and their families/carers
 - Where to next

Alzheimer's Disease Responsible for the Majority of Cases of Dementia



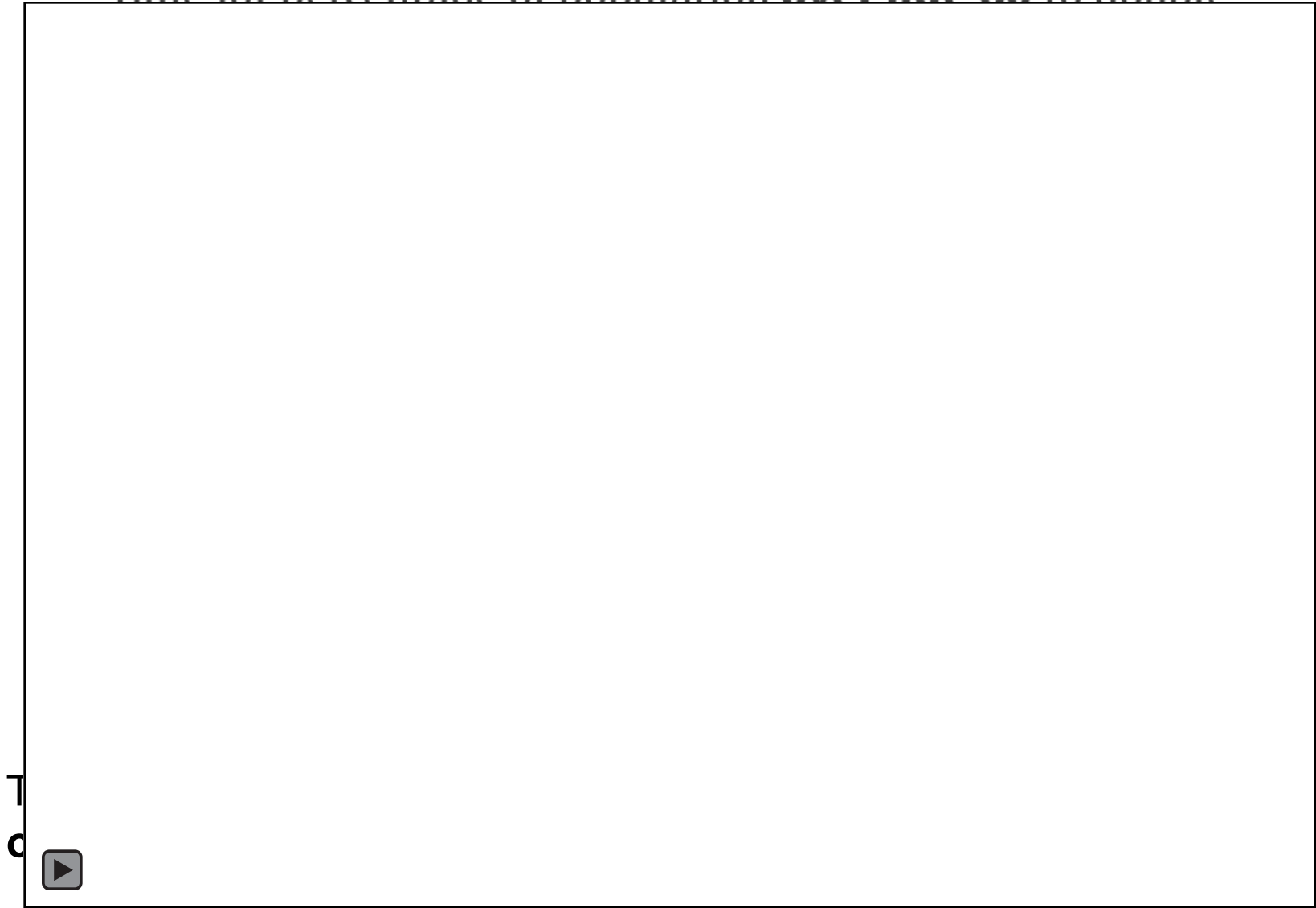
Source: Plassman, BL; Langa, KM; Fisher, GG; Heeringa, SG; Weir, DR; Ofstedal, MB, et al. "Prevalence of Dementia in the United States: The Aging Demographics, and Memory Study. *Neuroepidemiology* 2007; 29:125-132.³¹

Populations are getting older

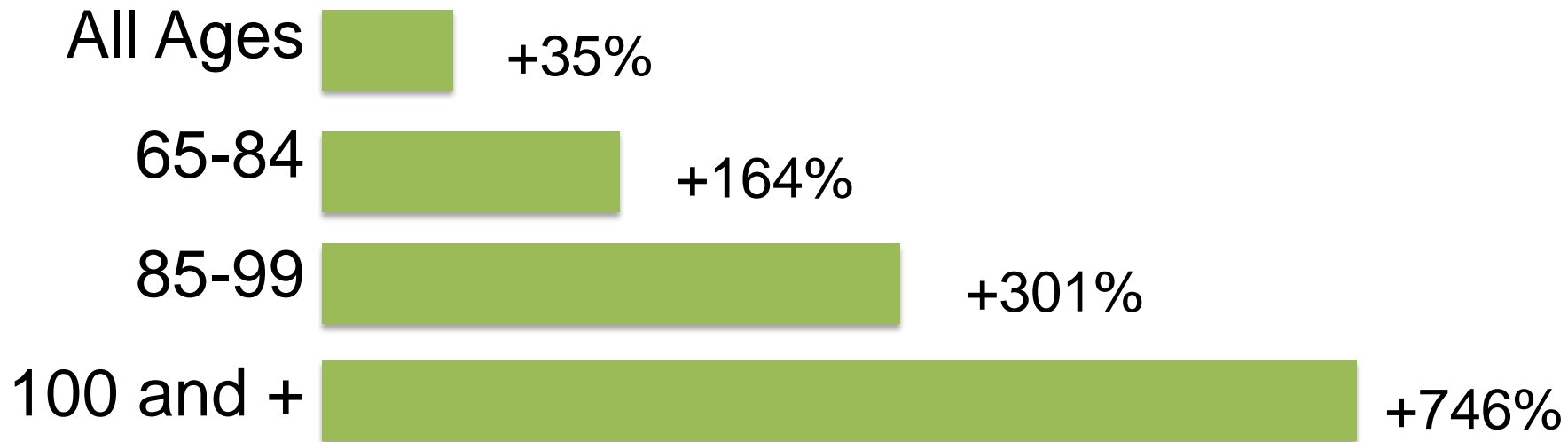


Population ageing is happening much more quickly than in the past

Time for percentage of population **over age 60** to double



% of Growth of Population 2005-2040



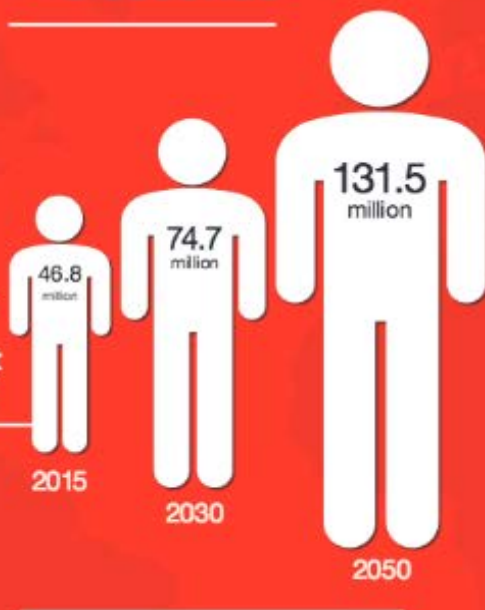
Source: US Census Bureau
Inspired by Daigo Fujirawa/Globe Staff

The global impact of dementia

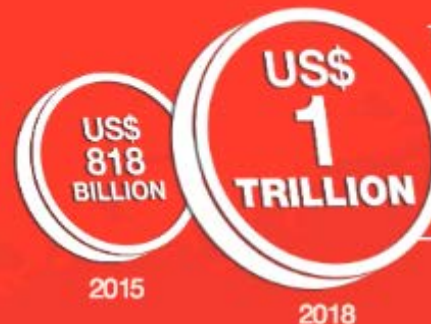
Around the world, there will be 9.9 million new cases of dementia in 2015,

one every 3 seconds

46.8 million people worldwide are living with dementia in 2015. This number will almost double every 20 years.



Much of the increase will take place in low and middle income countries (LMICs): in 2015, 58% of all people with dementia live in LMICs, rising to 63% in 2030 and 68% in 2050.



The total estimated worldwide cost of dementia in 2015 is US\$ 818 billion. By 2018, dementia will become a trillion dollar disease, rising to **US\$ 2 trillion by 2030**

If global dementia care were a country, it would be the

18th largest economy

in the world exceeding the market values of companies such as Apple and Google



(source: Forbes 2015 ranking)

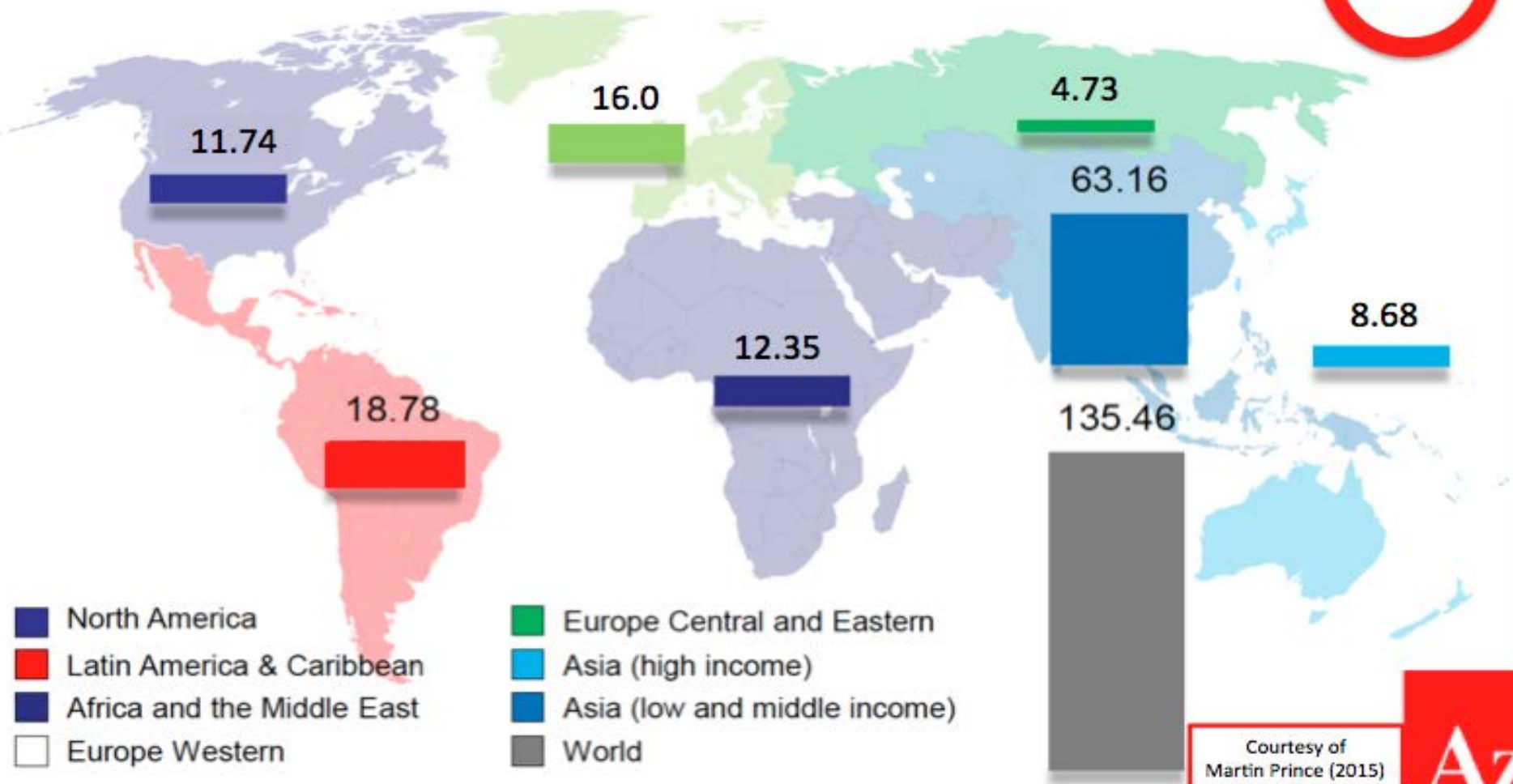


We must now involve more countries and regions in the global action on dementia.

The World Alzheimer Report 2015 was independently researched by King's College London and supported by Bupa.

Numbers of people with dementia by world region (2015-2050)

2015 2020 2025 2030 2035 2040 2045 2050



Courtesy of
Martin Prince (2015)

The Global Dementia Challenge

- Dementia is one of the most crucial public health challenges (WHO and ADI)
 - Not limited to high-income countries
 - Particularly challenging for low- and middle-income countries
- There is a global collaboration and synergy between:
 - WHO which brings together Member States and supports the Global Dementia Observatory
 - The World Dementia Council which provides a complementary role of bringing together individuals from all stakeholders groups in order to support, amplify and coordinate a global response
 - In coordination with ADI and OECD
 - Connecting with other initiatives (e.g., GBHI, GCBH)

The Initial World Dementia Council

- In Dec 2013, UK hosted a G8 Dementia Summit
- Goal was to bring together experts across the world to start a global conversation about solutions for dementia
- The Summit resulted in a declaration that set out an international response to dementia with the aim of identifying a cure or a disease modifying therapy by 2025



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France's President Sarkozy had put Alzheimer as a national priority in 2008 and lead a European rally around collaborative research at the origin of JPND



The Initial World Dementia Council

- In February 2014, the UK Prime Minister appointed Dr Dennis Gillings as the World Dementia Envoy & established the World Dementia Council (WDC)
- WDC Members are from a wide range of experts from research, academia, industry, the NGO sector, people living with dementia & governments



G7 to Global – The Continuity Model

- Following the WHO First Ministerial conference in March 2015 a broad consensus was reached amongst key global stakeholders & the WDC, on a global model to pursue with the challenge of dementia
- A complementarity approach:
 - Establishment of the WHO Global Dementia Observatory
 - Actions from the WDC Global Teams that are independent of governments & any one organisation or sector
 - No formal governance between these two pillars, but a collaborative approach to optimize global impact



The Current World Dementia Council

- Since February 2016, WDC membership has been expanded globally
 - New members drawn from a range of sectors & organisations across the wider global dementia community (24 Members)
 - Chair/Vice-Chair – Yves Joanette/Raj Long



The Current World Dementia Council

- Includes
 - People living with dementia

Hilary Doxford

Early onset AD at 53

Volunteer at UK Alzheimer's Society

Lots of international involvement

Works as Business Manager

with some accommodation

Kate Swaffer

Early onset AD

Very active in the Alzheimer's Australia

Dementia Committee

Co-founder, co-Chair and Editor of

Dementia Alliance International

“Nothing about us, without us.”



The Current World Dementia Council

- Includes
 - People living with dementia
 - Head of associations representing people living with dementia and their caregivers

Taiwan

India

UK

Indonesia

Nigeria

USA



Specificity of Young Onset Dementias

Alzheimer Society of Canada on Young Onset Dementias

- Be working at the time of diagnosis
- Have dependent children/parents living at home
- Have significant financial commitments (mortgage, children university fees, etc.)
- Be physically fit
- Be more aware of their symptoms
- Find it hard to accept losing skills
- Find it difficult to get information, support and services adapted to younger people with dementia



Health



- HOME
- HEADLINES
- DIET AND NUTRITION
- FITNESS
- BODY AND MIND
- LIFESTYLE

The younger face of dementia: Ottawa man shares wife's battle with the disease



CTV National News: A silent epidemic



Avis Favaro reports on the heartbreak and confusion when dementia strikes the young.

CTV News Channel: Early Alzheimer's diagnosis



Why aren't more people diagnosed with Alzheimer's earlier in life? Dr. Carmela Tartaglia of the Tanz Centre For Research explains.





Untangling Alzheimer's

Thursday, July 17, 2014 at 8 PM on CBC-TV



00:13



44:41





Wellness in Early Onset Familial Alzheimer Disease: Experiences of the Tahltan First Nation

Current Priorities of the Council

1. Global Team 1 - Raj Long, Lead
2. Global Team 2 – Chris Llewellyn, Lead
3. Global Team 3 – Philippe Amouyel, Lead
4. Global Team 4 – Harry Johns, Lead
5. Global Team 5 – Ron Petersen, Lead

Integrating cross-cutting issues

- Women and dementia
- Awareness
- Stigma
- Inequalities



An Independent Report on the Global Regulatory Approach to Achieve the Development of Safe, Effective and Affordable Drugs for Dementia

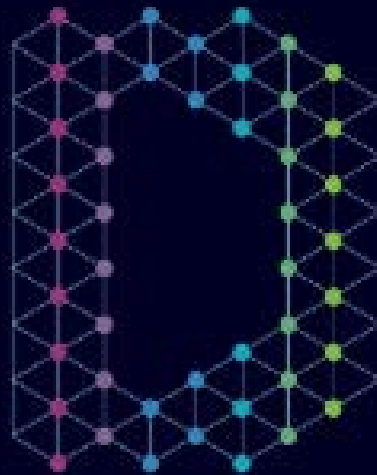
Executive Summary and Recommendations

Raj Long

March 2015

Progress – Finance Models

- In March 2015, the WDC helped to shape the UK Govt-led work to establish the ***Dementia Discovery Fund*** – a ground breaking public/private venture capital fund which aims to finance pre-clinical research to find new drugs to treat dementia. The initial fund level is just over \$100m & it aims to raise a further \$100m during 2016



Dementia
Discovery
Fund



Progress – Research, Open Science and Big Data



Dementia Research and Care CAN BIG DATA HELP?



ONTARIO
BRAIN
INSTITUTE

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DU CERVEAU



Institute of Health Policy, Management & Evaluation
UNIVERSITY OF TORONTO



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Addressing Dementia

THE OECD RESPONSE



The World Dementia Council Moving Forward

- The World Dementia Council is now ready to move forward
- The 5 Global Teams made up of Council Members and other experts will facilitate moving forward on all five priorities and cross-cutting themes
- The World Dementia Council will be working closely with WHO, OECD, ADI, Industry and all stakeholders to help promote, connect the dots and accelerate truly global approaches and solutions
- Important Action-Meeting on July 28-29 in Toronto

- WHO first...
 - WHO or...
 - The nex...
- On Ma...
- The pr...
- The w...

DEMENTIA

A PUBLIC HEALTH PRIORITY



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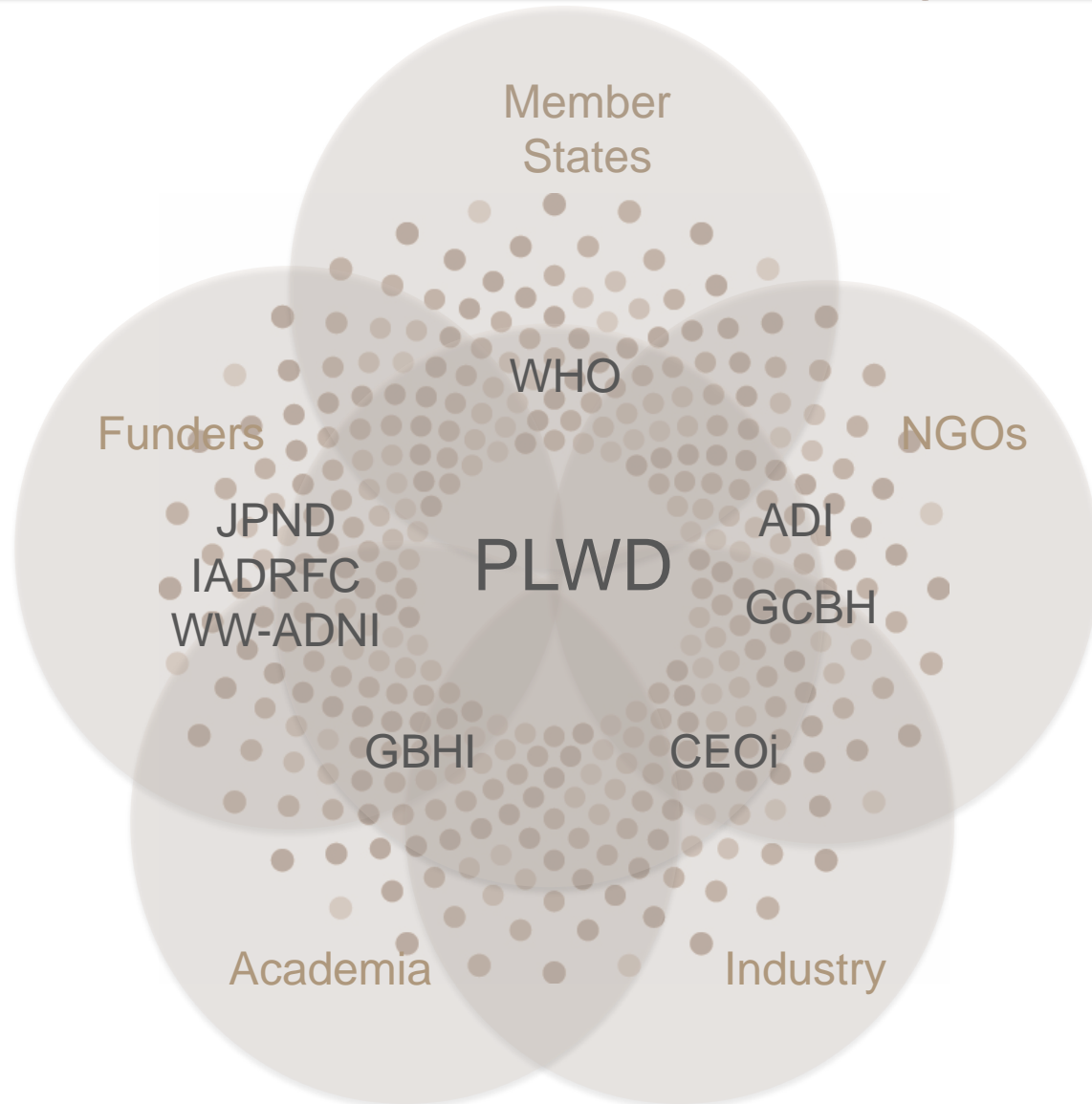


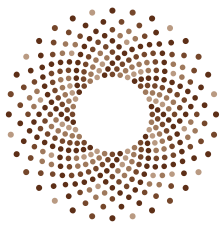
**Alzheimer's Disease
International**



**World Health
Organization**

Altogether Moving Forward





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info@worlddementiacouncil.com

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