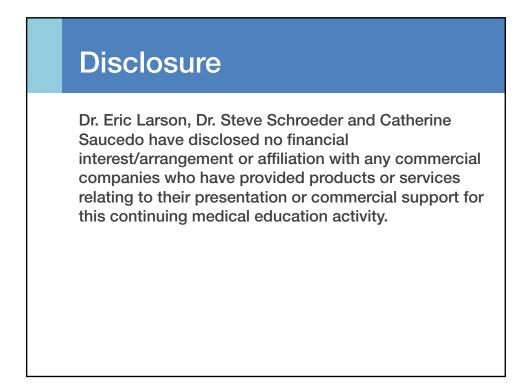
# Welcome

## Please stand by. We will begin shortly.

# Smoking and Dementia: Are You at Risk for Alzheimer's?

Wednesday, June 25<sup>th</sup>, 2014 · 2pm ET (90 minutes)





# Moderator



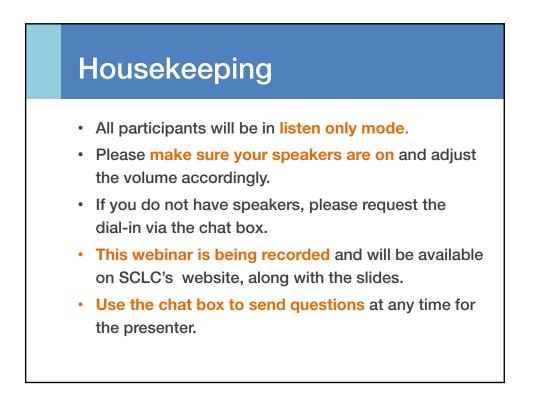
## **Catherine Saucedo**

- Deputy Director, Smoking Cessation Leadership Center, University of California, San Francisco
- csaucedo@medicine.ucsf.edu

# Agenda

- Welcome
  - Catherine Saucedo
- Presentation
  - Eric Larson, MD, MPH, MACP
- Q&A
- Closing Remarks





## **Poll question**

- How much do you know about the prospect of preventing Alzheimer's by quitting smoking?
  - I am unfamiliar with this topic
  - I know a little about this topic
  - I know a lot about this topic

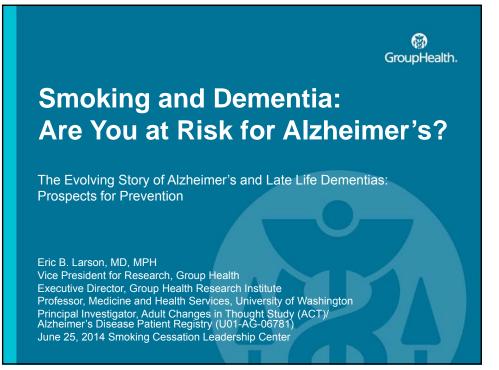
# Today's Speaker

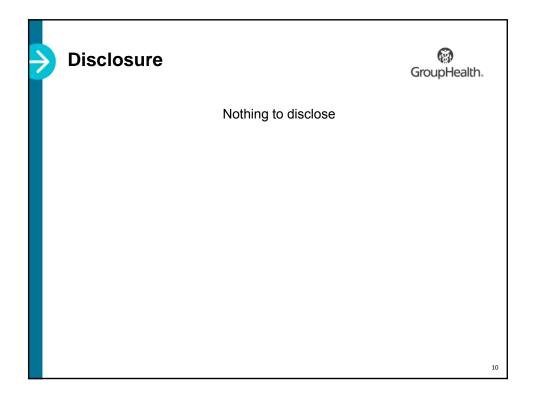


GroupHealth.

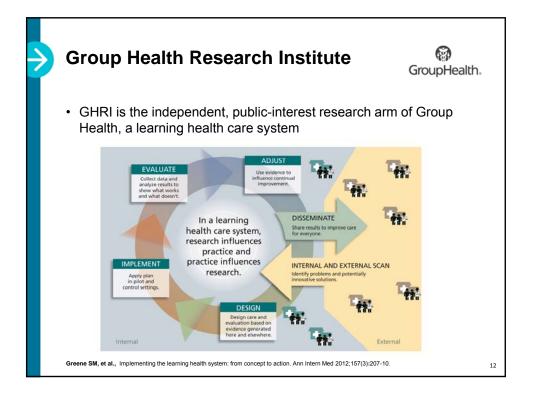
## Eric B. Larson, MD, MPH, MACP

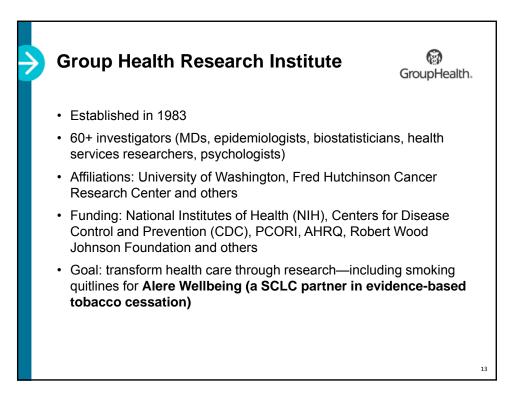
- Vice President for Research, Group Health
- Executive Director, Group Health Research Institute

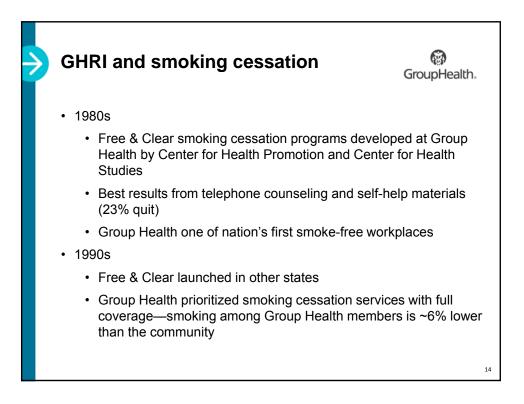


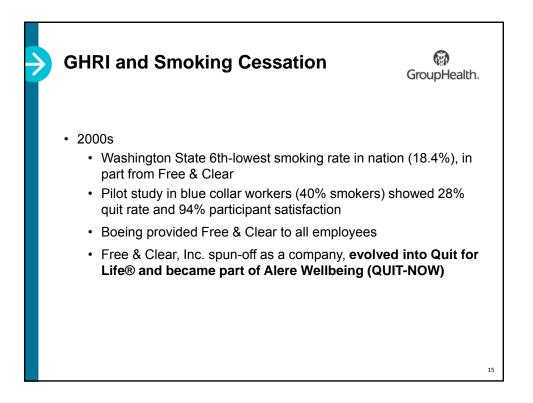


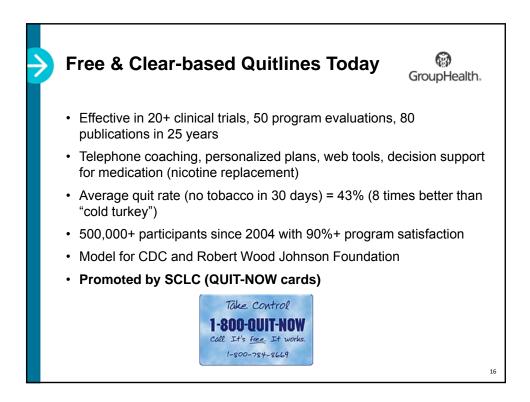


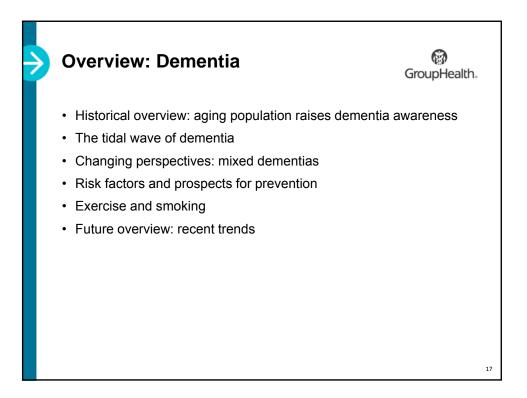


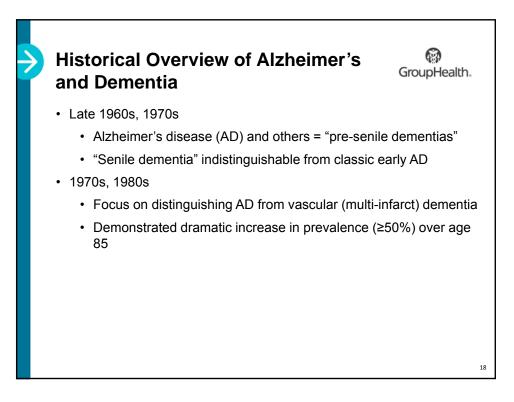


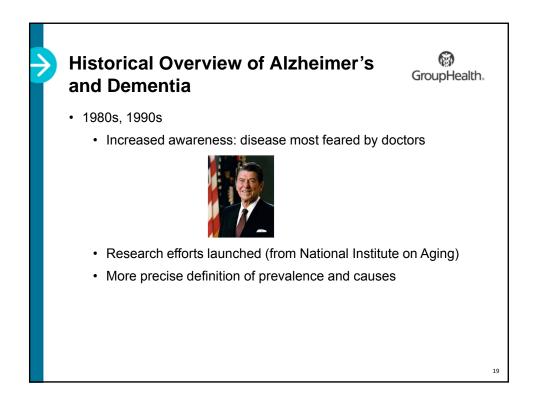


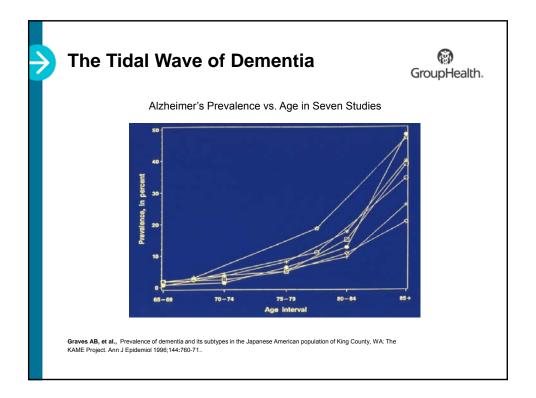




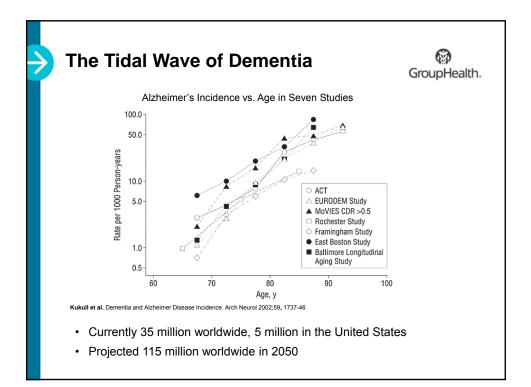


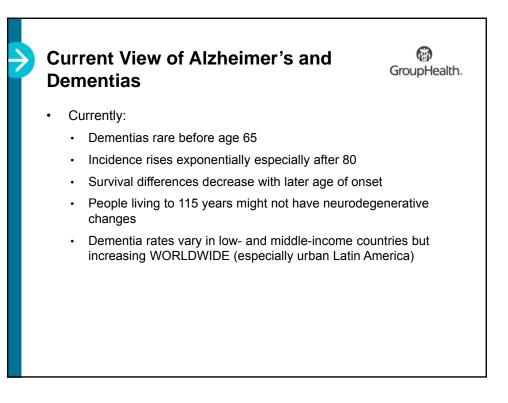


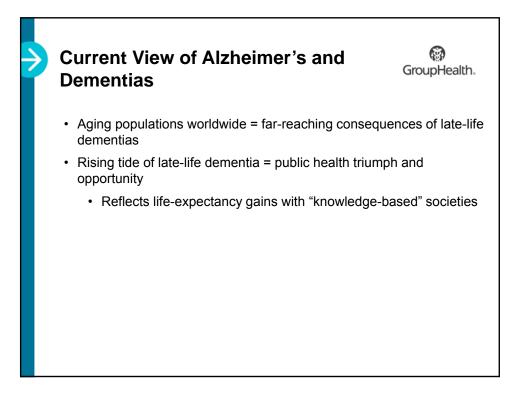


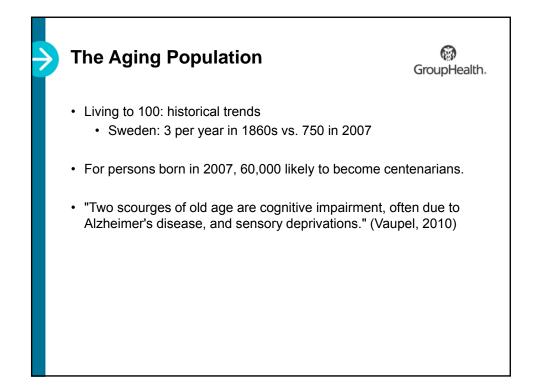


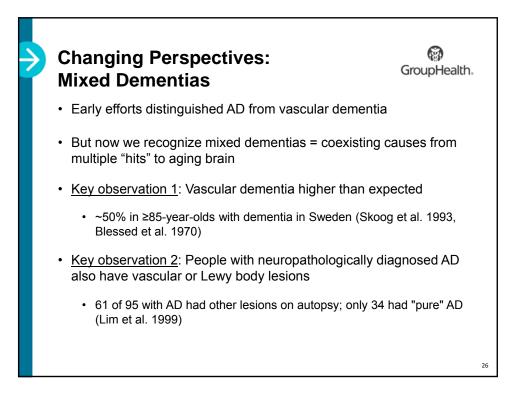
| > The Tidal Wave of Dem   | entia  | 🚱<br>GroupHealth. |
|---|--|-------------------|
| Alzheimer's Prevalence (Kame study)   |  |                   |
| <u>Age</u><br>65 - 69<br>70 - 74<br>75 - 79<br>80 - 84<br>85 - 89                               | Rate<br>.8 %<br>1.4 %<br>6.3 %<br>12.7 %<br>29.7 % |                   |
| 90 - 94<br>95+  | 50.2 %<br>74.3 %                                   |                   |
| Rule of thumb: Rates double every 5 years over 65 in developed countries, 7 in developing world |  |                   |

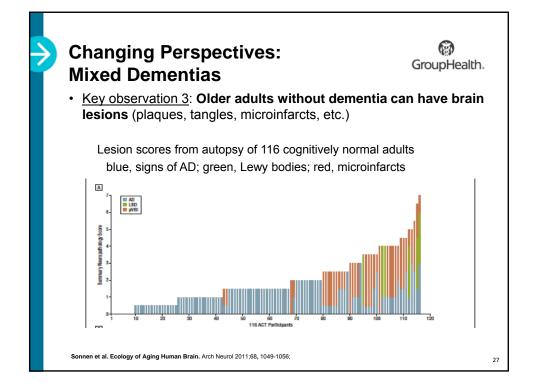


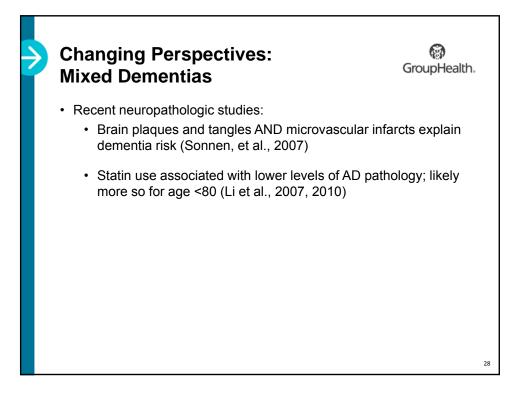










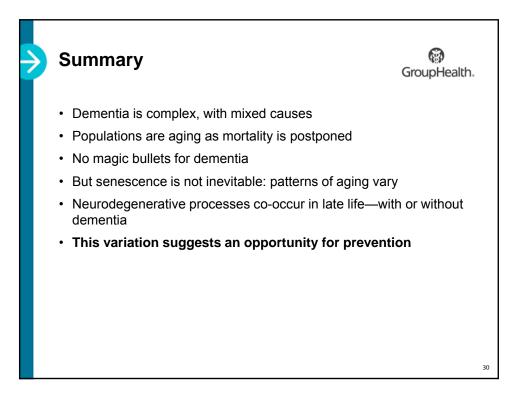


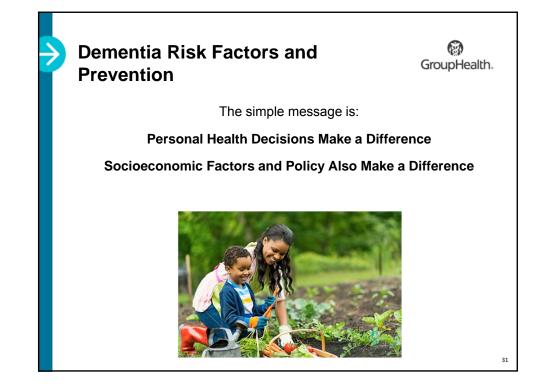


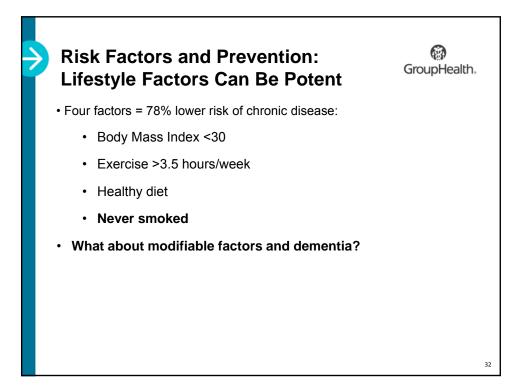


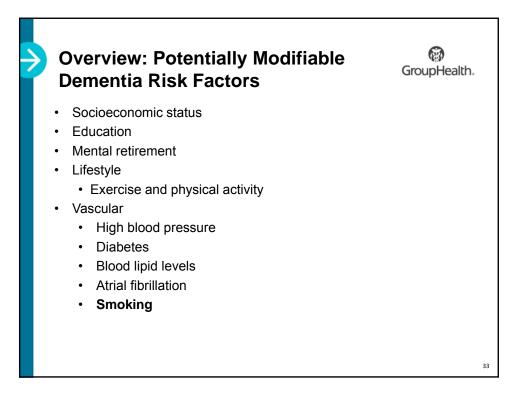
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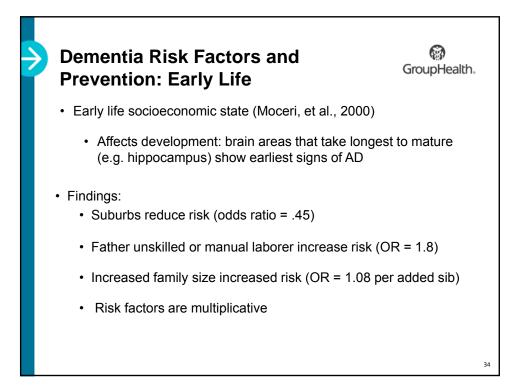
- · Examples of recent failures:
  - Antioxidant vitamins (Gray et al. 2008)
  - Non-steroidal anti-inflammatory drugs (Breitner 2009)
  - Ginkgo biloba (DeKosky et al. 2008)
  - H2 Blockers (Gray et al. 2011)
- · Cholinesterase inhibitors (e.g., donepezil) not likely the answer
  - · Improve cognition on tests but not necessarily daily function
- To date, no trials on amyloid-targeting drugs have been successful

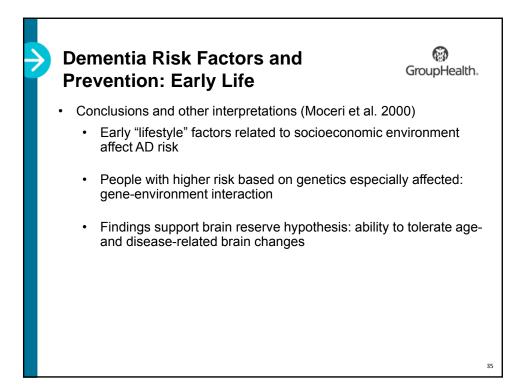


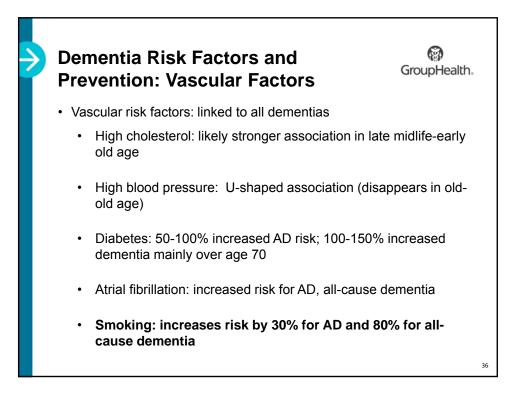






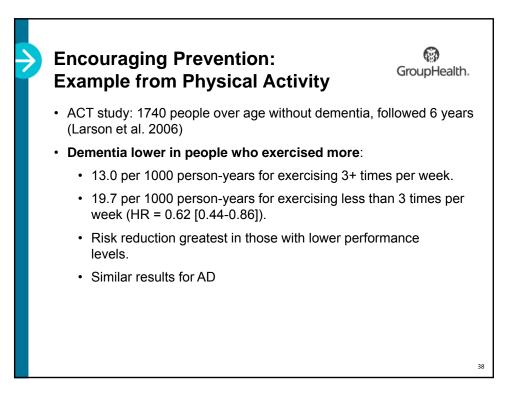


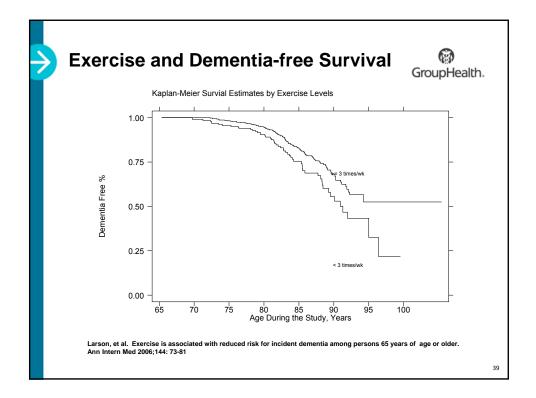


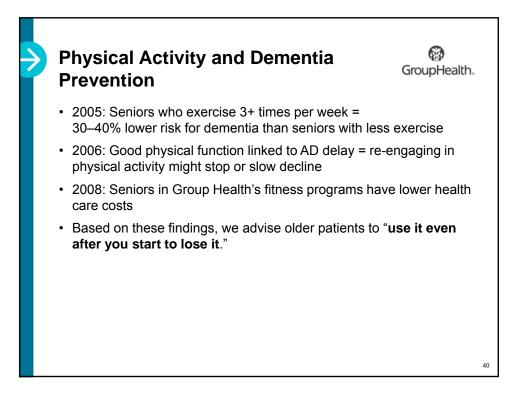


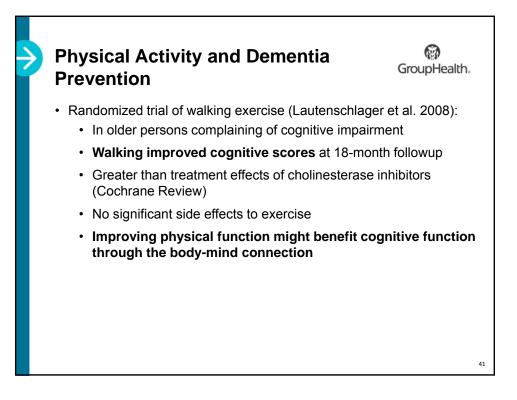
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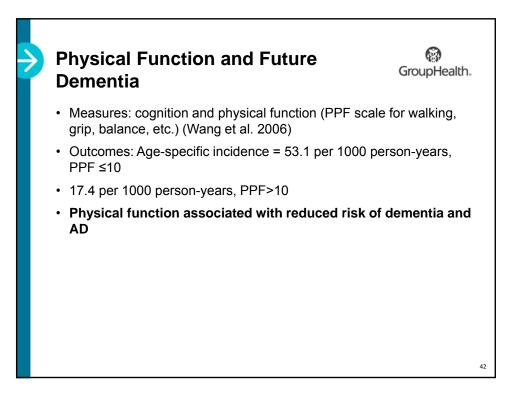
# Encouraging Prevention: CroupHealth Example from Physical Activity Activity and dementia: initial results were confusing Results from 9 studies from USA, Canada, Sweden, Japan, France with different measures of activity (Fratiglioni et al. 2004) 4/9 studies reported no association 4/9 reported higher activity associated with lower AD risk 1/9 found only DANCING was associated with lower risk

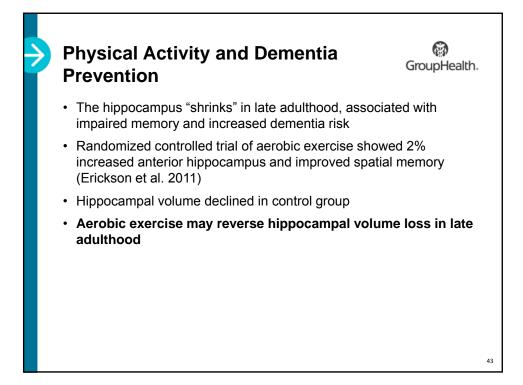


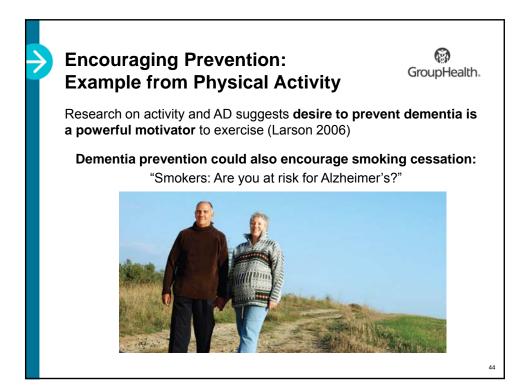


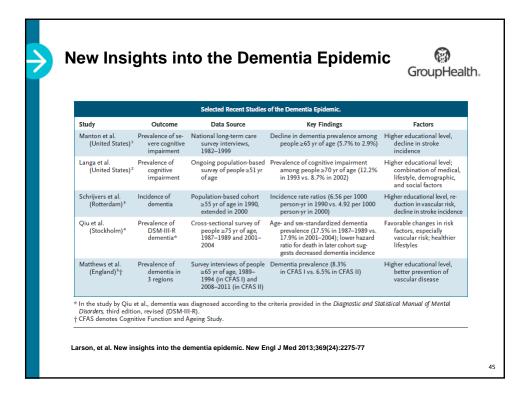


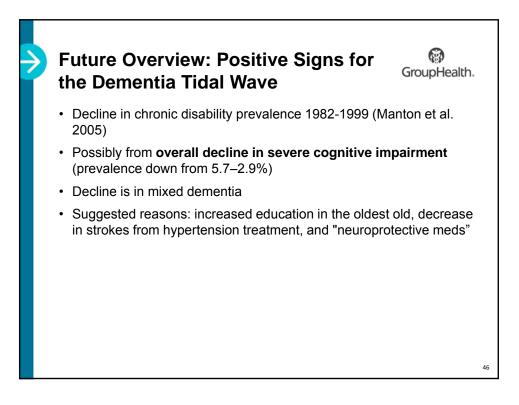


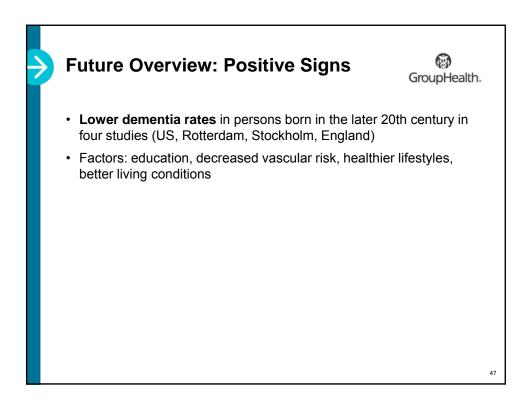


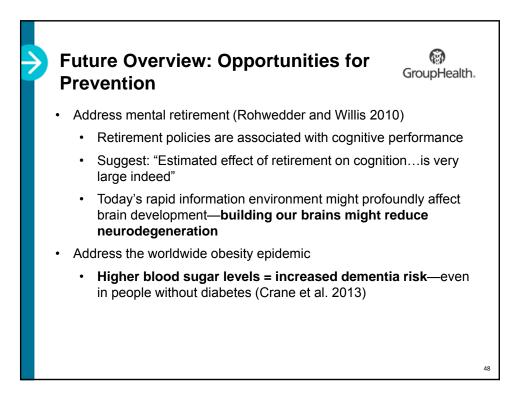


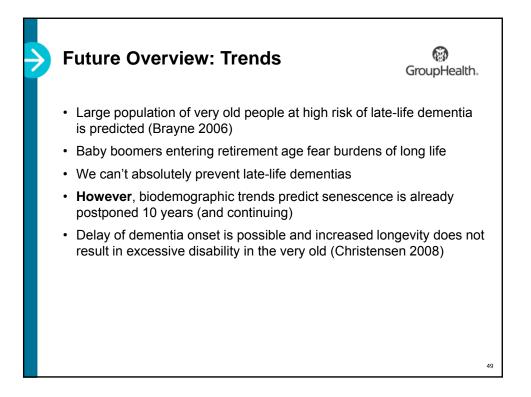


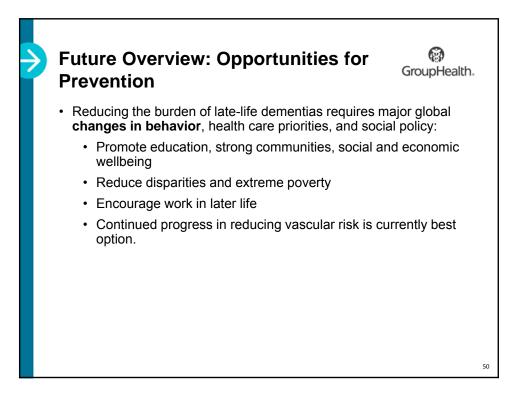
















## **Questions and Answers**



 Submit questions via the chat box

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# **Closing remarks**

- Please help us by completing the post-webinar survey.
- Thank you for your continued efforts to combat tobacco.

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