THANK YOU!

THE COALITION AGAINST MAJOR DISEASES (CAMD)

Accelerating the Development and Review of Medical Products for Neurodegenerative Diseases

CAMD Annual Meeting and Regulatory Workshop
October 19, 2016

Stephen P Arnerić, Executive Director

Volker D Kern, Senior Project Manager
Jennifer Ashley E Ferstl, Project Coordinator

WHEN WILL A LOVED ONE YOU KNOW BE DIAGNOSED WITH ALZHEIMER'S DISEASE?

Patient Data and Samples Matter !
They Represent the Cornerstone of <u>What</u> CAMD Does !
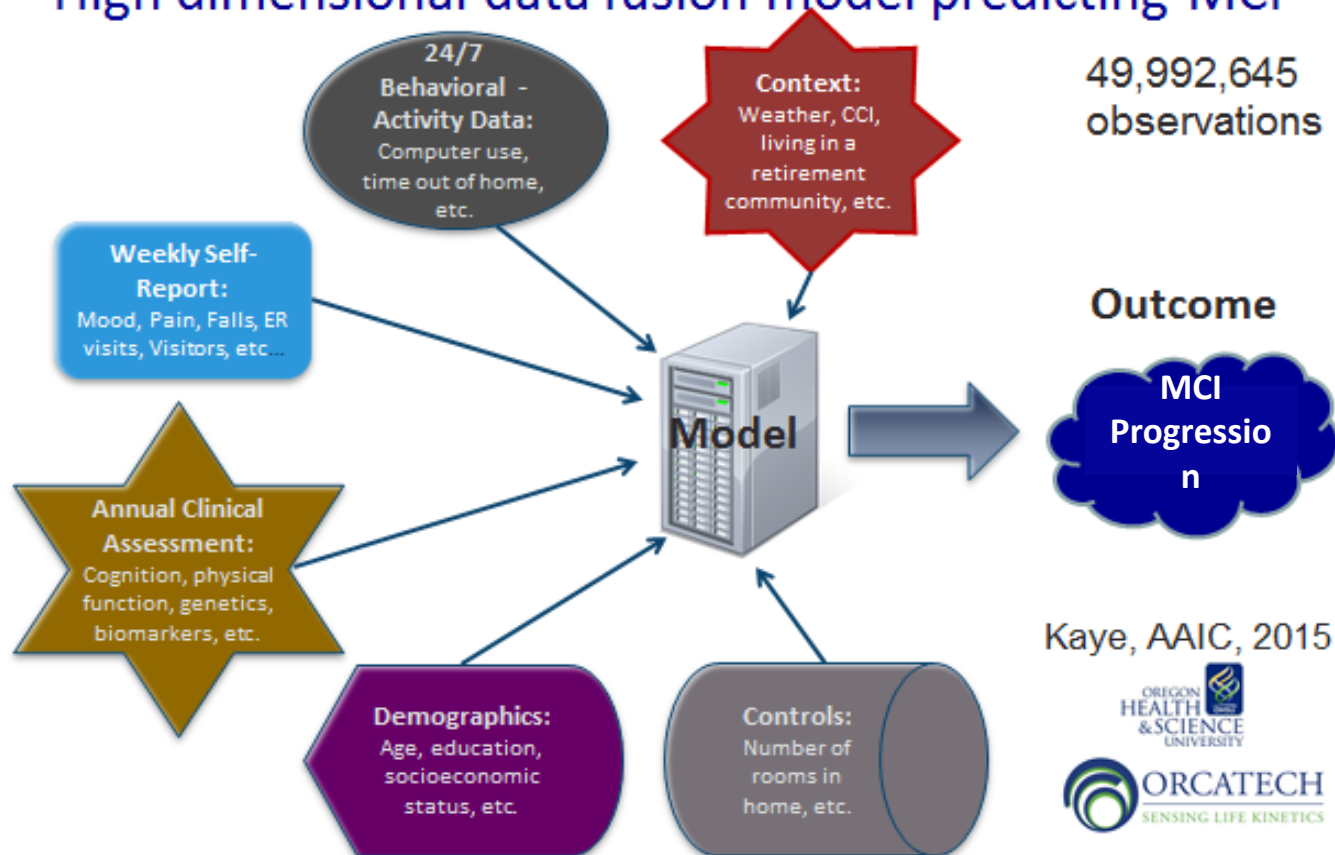
THE FUTURE OF HEALTH CARE

**Increasing the Probability of Success
for Early interventions of Chronic Diseases (e.g., AD) Will
Rely upon BMDs & Modeling of Clinical Data and RWE**

MODELING AND SIMULATION TO ENHANCE UNDERSTANDING OF CHANGES LEADING TO DEMENTIA

Putting it all together:
High dimensional data fusion model predicting MCI

49,992,645 observations

Kaye, AAIC, 2015

A GLOBAL ECO-SYSTEM

OUR FOCUS

We must leverage each other strengths !

Drug Development Tools for Alzheimer's Disease and Related Dementias:

Common Data Standards
Integrated, Actionable Database
Quantitative Modeling
Biomarker Qualification