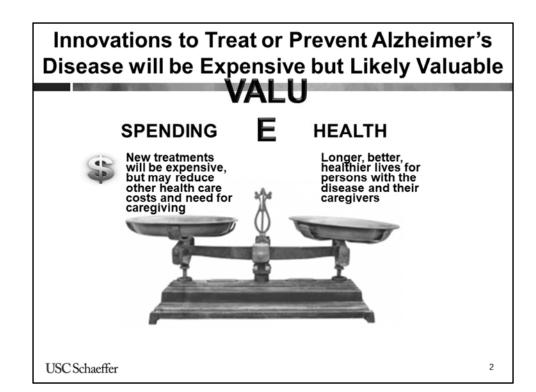
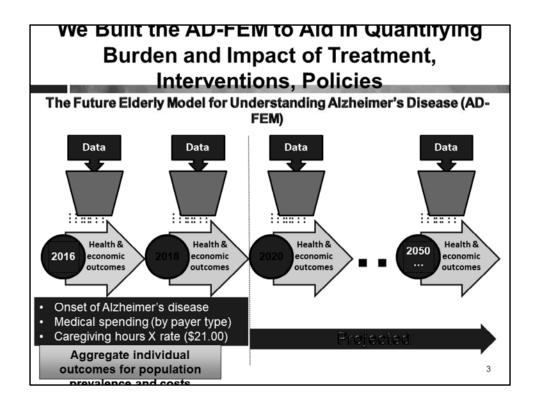
The Value of Delaying Onset of Alzheimer's Disease for Individuals, Caregivers, Society

Julie Zissimopoulos, PhD





We Estimate the Value of Innovation in Treatment and Prevention of Alzheimer's Disease

Two different scenarios

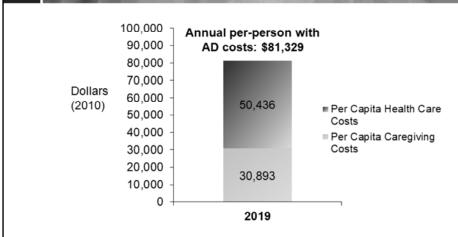
Baseline

Medical technology remains as it is today (treat symptoms of AD)

Delay Onset Americans develop Alzheimer's disease 5 years later than they would have without innovation

USC Schaeffer ⁴

value of Unpaid Caregiving is \$31,000 and 40% of Combined Health and Caregiving Costs

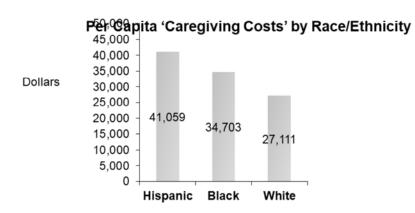


Per Capita Health Care Cost and Dollar Value of Unpaid Family
Caregiving

USC Schaeffer

SOURCE: FEM simulation results using data from HRS, ADAMS, MCBS

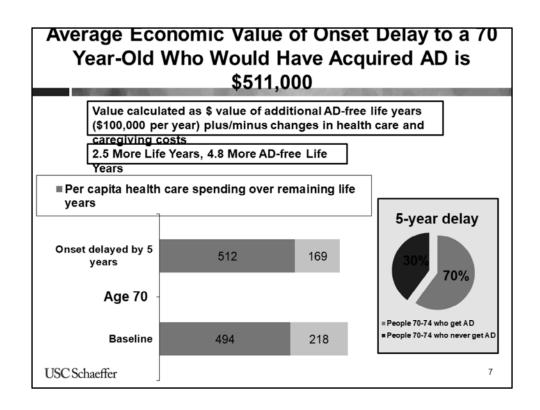
Costs Are Higher for Non-White Caregivers than White Caregivers

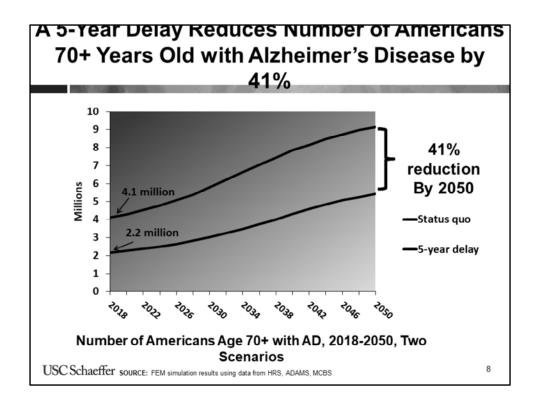


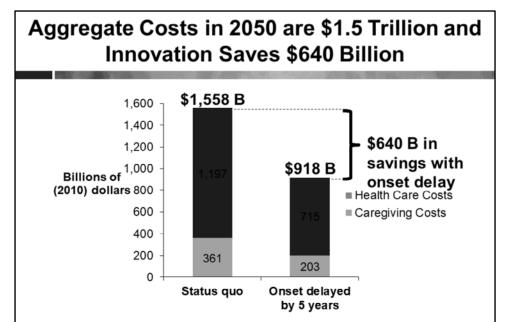
Per Capita Dollar Value of Unpaid Family Caregiving in 2019

USC Schaeffer

SOURCE: FEM simulation results using data from HRS, ADAMS, MCBS







Cost to Society from AD in 2050, Two Scenarios

USC Schaeffer

SOURCE: FEM simulation results using data from HRS, ADAMS, MCBS

No New Treatments but Policy Changes May Reduce Burden Now

N = Numbers with

ΑD

D = Duration of AD

^{c = Cost} Burden

Treatment reduces N X D



What policies reduce costs? Shift costs? For whom?

Paying family caregivers may reduce burden but may also shift costs to others if financed through taxes;

Reimbursement incentives to reduce post-acute institutional care reduce costs to Medicare but shift costs to families;

Better coordination of dementia care may reduce

hospitalizations, delay nursing home entry

USC Schaeffer

Health care and caregivers' time (\$) but other 'costs' to caregivers: physical, mental health, productivity, wealth loss....

