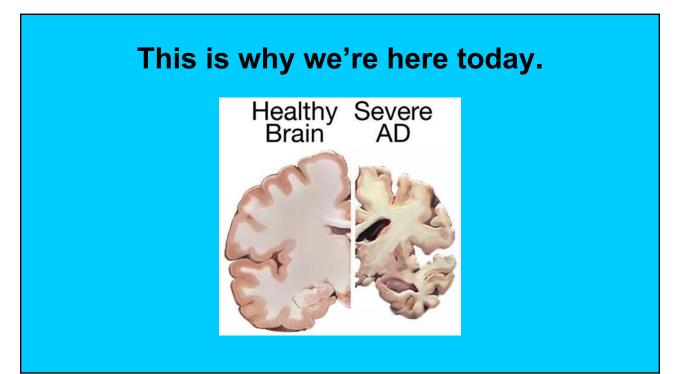
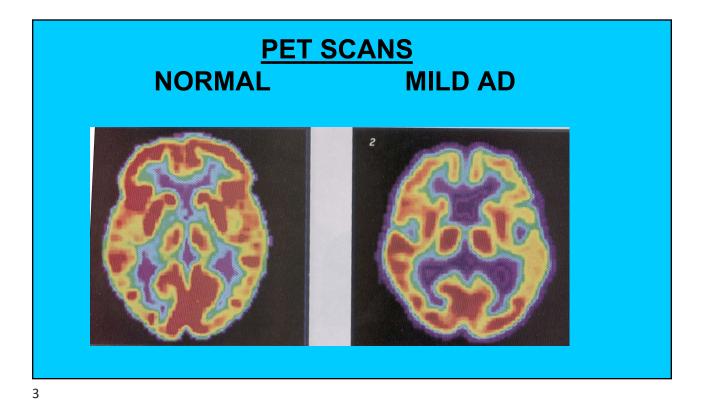
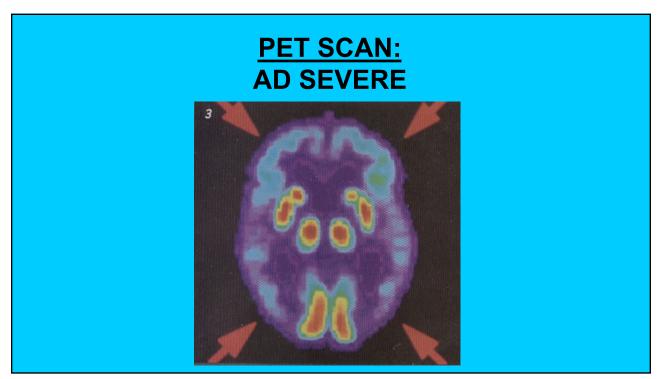
The Embodiment of Oppression: A Biocultural Hypothesis for American Indian/Alaska Native Dementia Causation and Risk Reduction Targets

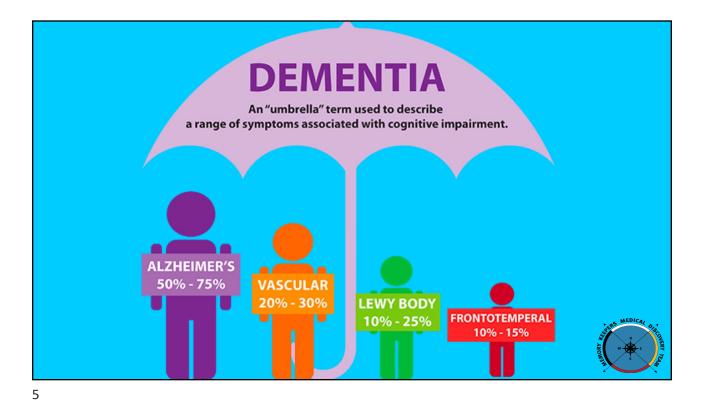
> University of North Dakota Department of Geriatrics GWEP project

J. Neil Henderson, Ph.D. (Oklahoma Choctaw) Professor Emeritus Department of Family Medicine & Biobehavioral Health University of Minnesota Medical School, Duluth campus

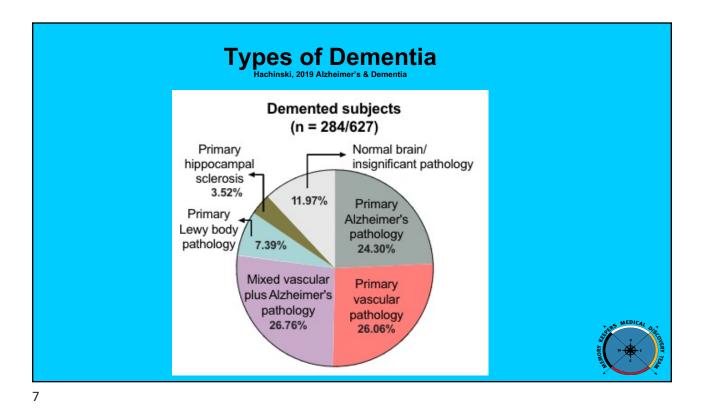


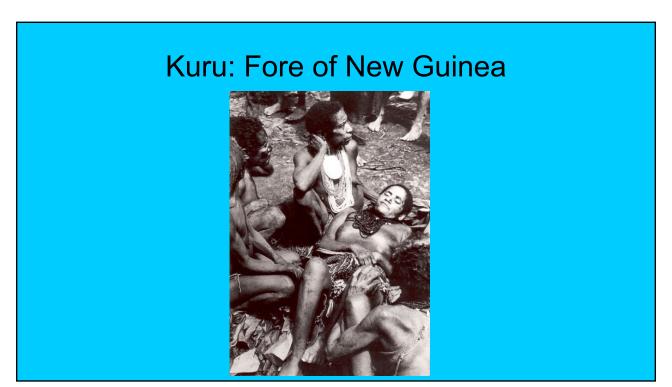


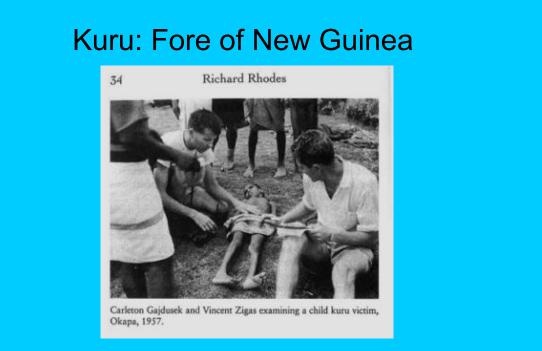




DEMENTIA: ORGANIC BRAIN DYSFUNCTIONS
ALZHEIMER'S DISEASE: 60-80%
VASCULAR DEMENTIA:10%
MIXED: 50%
DLB: DEMENTIA WITH LEWY BODIES: 20% +
FRONTO-TEMPORAL DEMENTIA 3%-10%
PARKINSON'S DEMENTIA .2%-.5%
CREUTZFELD-JACOB DISEASE below 2%







CAUSES OF AD

- BETA-AMYLOID: NEUROTOXIC
- TAU PROTEIN: NEUROTOXIC
- INFECTION: immune response/inflammation
- METABOLIC DYSFUNCTIONS
- GENETICS
 - APOLIPOPROTEIN E: APO-E
 - E2: protective
 - E3: most frequent; not problematic
 - E4: problem: homozygous = 8-12x; heterozygous = 3x

