

# UC Davis Alzheimer's Disease Research Center



# Advancing the science of healthy brain aging among diverse populations while caring for those affected





# The National Institute on Minority Health and Health Disparities Research Framework

Jennifer Alvidrez, PhD, Dorothy Castille, PhD, Maryline Laude-Sharp, PhD, Adelaida Rosario, PhD, and Derrick Tabor, PhD

Supplement 1 2019

Health Disparity Populations: Race/Ethnicity, Low SES, Rural, Sexual/Gender Minority Other Fundamental Characteristics: Sex/Gender, Disability, Geographic Region				
Domains of Influence	Levels of Influence			
	Individual	Interpersonal	Community	Societal
Biological	Biological Vulnerability and Mechanisms	Caregiver-Child Interaction Family Microbiome	Community Illness Exposure Herd Immunity	Sanitation Immunization Pathogen exposure
Behavioral	Health Behaviors Coping Strategies	Family Functioning School/Work Functioning	Community Functioning	Policies and Laws
Physical/Built Environment	Personal Environment	Household Environment School/Work Environment	Community Environment Community Resources	Societal Structure
Sociocultural Environment	Sociodemographics Limited English Cultural Identity Response to Discrimination	Social Networks Family/Peer Norms Interpersonal Discrimination	Community Norms Local Structural Discrimination	Societal Norms Societal Structural Discrimination
Health Care System	Insurance Coverage Health Literacy Treatment Preferences	Patient-Clinician Relationship Medical Decision-Making	Availability of Health Services Safety Net Services	Quality of Care Health Care Policies
Health Outcomes	Individual Health	Family/ Organizational Health	Community Health	Population Health

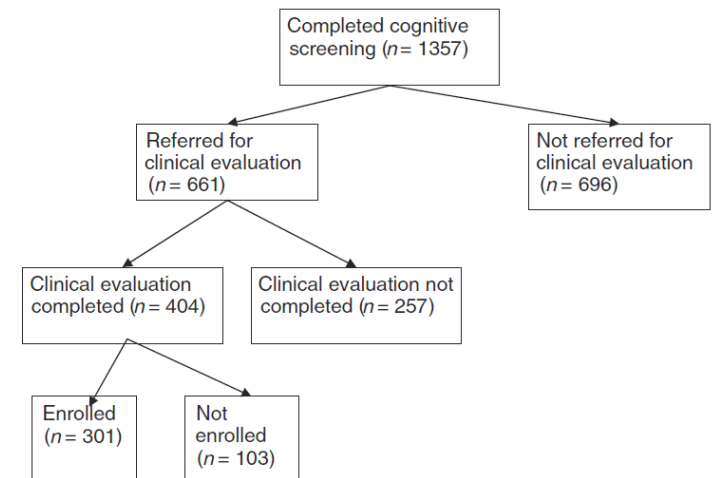
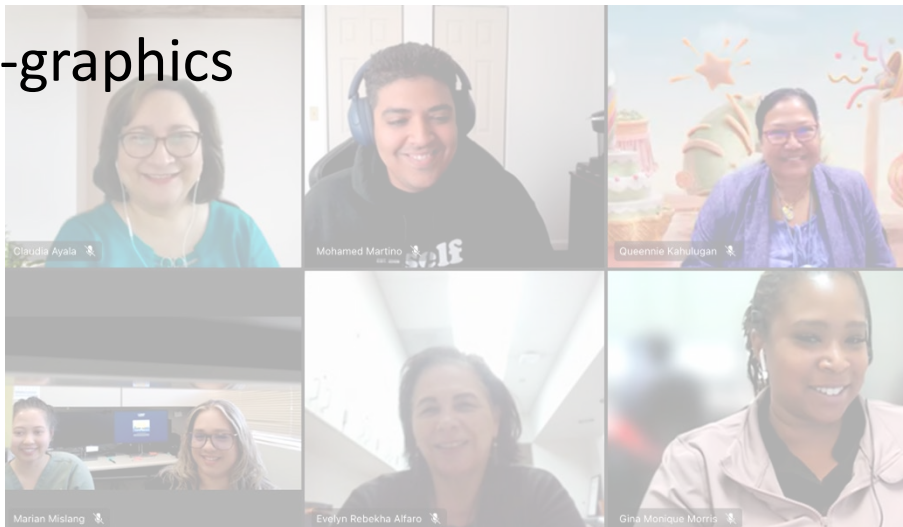


# Recruitment of a Community-based Cohort for Research on Diversity and Risk of Dementia

*Ladson Hinton, MD, Kimberly Carter, PhD, Bruce R. Reed, PhD, Laurel Beckett, PhD, Esther Lara, MSW, Charles DeCarli, MD, and Dan Mungas, PhD*

*Alzheimer Dis Assoc Disord • Volume 24, Number 3, July–September 2010*

- Active recruitment from the community
- Recruiters of same race, culture and language
- Recruiters consent and accompany participants to procedures
- Drivers available
- Payment in cash or card
- Info-graphics



Group	N	Female %	Age	Education
			M ± SD (Range)	M ± SD (Range)
White	447	61	74 ± 8 (60-96)	13.9 ± 3.1 (5-20)
African American	424	69	73 ± 7 (60-91)	12.9 ± 2.8 (3-20)
Hispanic	427	68	71 ± 7 (60-94)	6.4 ± 4.7 (0-20)

## OUR MISSION

We believe in providing meaningful opportunities for diverse communities to participate in brain health research so better tools can be developed for more people.

## OUR GOAL

Our goal is to be able to develop tools for medical doctors to diagnosis and treat cerebrovascular vascular disease before it causes cognitive decline or leads to dementia.



# DIVERSE VCID

## MRI Participant Information

## CONTACT US

123 Anywhere St., Any City, ST 12345

+123-456-7890

[info@diversevcid.ucdavis.edu](mailto:info@diversevcid.ucdavis.edu)

[diversevcid.ucdavis.edu](http://diversevcid.ucdavis.edu)





# WHAT IS A MAGNETIC RESONANCE IMAGE (MRI)?

MRI images are created using magnetic fields. It is a painless way to look inside the body. MRI does not use ionizing radiation (x-rays) but rather a super-conductive magnet, radio waves and a computer to scan the body. The detailed images that are produced provide important information about the brain, spine, joints and internal organs.



## WHAT TO EXPECT

It is important that you do not move during the exam. The table will move very smoothly into the opening of the scanner, positioning the body part that is to be scanned inside the magnet. Most people experience this as a safe and cozy feeling and many people become so relaxed they fall asleep.

The technologist is always present and they have direct visual contact with you at all times. If there is a need to talk to the technologist, a speaker inside the machine allows you to do so.

You will not feel a thing during the exam, but you will hear the humming and drumming of the machine. These sounds are all normal. To ensure your exam is as pleasant as possible, earplugs will be provided.

## WHY IS AN MRI IMPORTANT TO THIS STUDY?

*It is one of the most valuable diagnostic tools available to doctors, and can lead to early detection of disease.*

An MRI scan can range from 25-45 minutes, but you should prepare for about 60 minutes for the entire appointment. After you have changed into the clothes provided for you, our staff will review your medical history and answer any questions you may have. You will then be escorted to the scanner room and the technologist will assist you onto the scanning table.

## IS IT SAFE?

An MRI scan is extremely safe. It is a non-invasive test and there are no known side effects. MRI scanning does not use ionizing radiation or radioactive substances.

# The Result

