

## *African Americans have a greater risk for Alzheimer's disease*

### *what are the study facts?*

- ~ Study participation is voluntary.
- ~ Joining the study will not affect your healthcare or insurance.
- ~ All information is confidential.
- ~ There is no cost to the family.
- ~ A participant may withdraw from the study at any time.
- ~ Travel to the research center is not required.
- ~ Research progress will be sent to study participants in periodic newsletters.

For more information or to enroll yourself or a family member in this Alzheimer's research study, please contact:

Alzheimer's study coordinators toll free  
at 1-833-491-2817 or 1-877-686-6444

For additional information, please visit the  
following websites:

[MACHE@wakehealth.edu](mailto:MACHE@wakehealth.edu)

[www.hihg.org](http://www.hihg.org)

## *10 warning signs of Alzheimer's disease*

- ~ Recent memory loss that affects job skills
- ~ Difficulty remembering appointments
- ~ Difficulty performing daily tasks
- ~ Having trouble finding the right words to use when speaking
- ~ Disorientation or feeling lost in familiar surroundings
- ~ Poor or decreased judgment
- ~ Problems with abstract thinking
- ~ Misplacing objects
- ~ Changes in mood or behavior
- ~ Changes in personality

See a doctor if you recognize warning signs in yourself or a loved one. Finding out about Alzheimer's disease as early as possible is an important step in getting the right medical care and treatment.

For more information, please visit  
the following websites:

[MACHE@wakehealth.edu](mailto:MACHE@wakehealth.edu)

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This research study is funded by the National Institutes of Health and the National Institute on Minority Health and Health Disparities (P20 DM000546). Wake Forest School of Medicine IRB and University of Miami IRB have approved this study. It is conducted in accordance with federal guidelines and current U.S. laws. Wake Forest School of Medicine IRB Registry #00054717 University of Miami IRB Registry #0307

## *What Causes Alzheimer's Disease in African Americans?*



*Help us find the answers*

***Participate in a genetic research study***

**Wake Forest School of Medicine  
University of Miami Institute for Human Genomics**



### what is Alzheimer's disease?

Alzheimer's disease (AD) is the most common form of dementia (severe memory loss). The disease destroys parts of the brain that control memory, thinking, language and judgment. Overtime AD patients become totally dependent on others for their activities of daily living. Often, people think of severe memory loss as natural and normal aspects of aging. The number one risk factor for AD is age. Some people even refer to Alzheimer's disease as "old-timers' disease". As a result, many people are diagnosed at an advanced stage.

The cause of Alzheimer's disease is not known. Although treatments are available to address symptoms, they do not slow the progression of the disease. There is no cure for Alzheimer's disease. Research studies show that individuals who have a first degree relative with Alzheimer's disease have a greater chance of developing the disease.

A treatment that could delay Alzheimer's or cure Alzheimer's would save millions of lives and billions of dollars per year in tax payers dollars.

*Help us find the answers.*

### why is this study important?

According to the Alzheimer's Association, African Americans are twice as likely to have AD and other dementias as Whites. By studying a large group of people with AD, researchers at the Maya Angelou Center for Health Equity at Wake Forest Baptist Health and at the University of Miami are working together to find genes associated with Alzheimer's disease in African Americans. Finding genes that cause AD and learning how they interact with factors such as diet and the environment, will lead to improved tools for diagnosis and better treatments for AD. It will also contribute to understanding why African Americans are twice as likely to have Alzheimer's. We are particularly seeking families where there are multiple members affected with Alzheimer's.

### who can join the study?

Affected individuals and their families are needed to take part in this study.

- ~ Individuals and their family members with severe memory loss **who have problems with thinking clearly, dementia, or Alzheimer's disease** are needed to participate. People within a family who are not affected may participate as well.



### what will participants do?

- ~ Read and sign a consent form
- ~ Give family and medical history
- ~ Answer a short environmental risk factor questionnaire
- ~ Do a test of memory, thinking, mood and concentration
- ~ Complete a brief neurological examination
- ~ Give permission to review the medical records of the individual with memory and thinking problems
- ~ Provide a blood sample

### how do I join the study?

Call the Alzheimer's study coordinators toll free at **1-833-491-2817**

**Maya Angelou Center for Health Equity-MACHE**  
**Wake Forest School of Medicine**

**1-877-686-6444**

**John P. Hussman Institute for Human Genomics**  
**Miller School of Medicine (M-860), Miami, FL 33101**

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