

# Participate in research?!

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# Why participate in research

- We are looking for people that:
- want to make an impact
- want to contribute
- want to learn
- study partner





## Different kinds of research

### Observational

- Analysis of information in the “natural” context- e.g., study of a certain chemical substance in a particular population
  - VCS
  - Exosome
  - NoMAD

# Vascular Cohort Study VCS II + PPG II VCS-GT

MRI with contrast  
Lumbar puncture  
Diabetes  
2-5 years



# Exosome Study

- 12 weeks
- 2 blood draws
- Cognitive testing
- Age 51-62 and 70-82 CN or
- 70-82 with mild to moderate AD







A photograph of several elderly people participating in a race. In the foreground, a woman with short grey hair, wearing an orange tank top and a race bib with the number 0724, has her arms raised in a celebratory gesture and is smiling broadly. Behind her, a man in a red polo shirt and glasses also has his arms raised and is smiling. To the left, another man in a white shirt and glasses is visible. The background consists of lush green trees and a clear sky, suggesting an outdoor park setting. A semi-transparent dark grey banner is overlaid on the bottom half of the image, containing text.

## Interventional

- Researcher introduce an intervention and study the effects
- Experimental studies are usually meaning the participants are grouped by chance eg randomized controlled double blinded trail measuring the effectiveness of new pharmaceutical drugs





## AHEAD

- First research study that aims to help prevent Alzheimer's disease
- healthy, non-smoker, between the ages of 55 and 80
- Have not be diagnosed with Alzheimer's disease
- Elevated or intermediate levels of amyloid in the brain





## Escitalopram for Agitation in Alzheimer's Disease (S-CITAD)

- Age 50+
- moderate agitation
- 24 weeks
- Caregiver/study partner

# Studies at the ARDC at USC

- Uniform Data Set (UDS)
- Brain Research Study (BRS)
- Vascular Cohort Study (VCS)
- Dynamic Vascular (DVR)
- SCAN
- Diverse VCIC
- TRC PAD
- Latino AD- with or with out AD or 18+ with family history of AD mutations



# How to contact US

- 
- [brainhealth.usc.edu](http://brainhealth.usc.edu)
  - 323-442-5775
  - 313-442-7600

