

# From Labs to Lives

## How Research Funding Solves Real-World Problems

### NIH-Funded Research to Prevent Alzheimer's

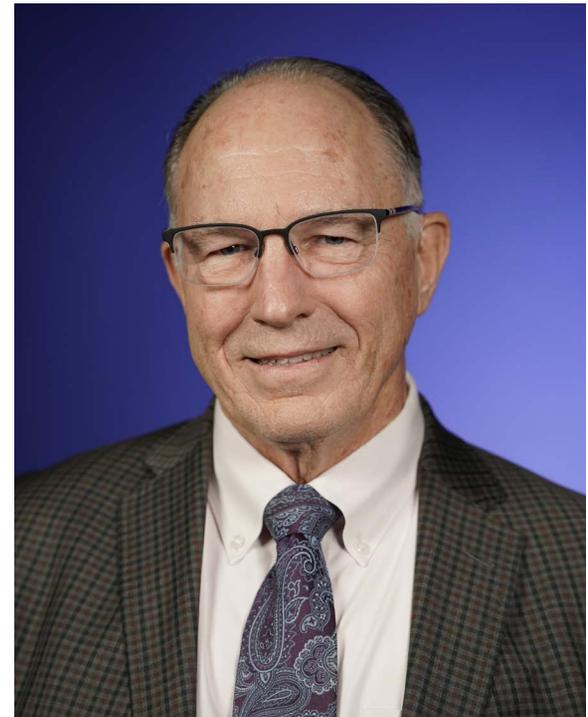
Alzheimer's disease slowly erases memory, independence and quality of life. At UC Davis, Dr. Charles DeCarli is studying how the brain changes before symptoms appear. His team uses detailed brain scans and genetic research to look for early warning signs — small changes that could help doctors predict who is most at risk. By identifying these clues, his research could lead to earlier diagnosis and new ways to keep the brain healthier for longer.

### Helping Humanity

Alzheimer's affects millions of families, yet there is still no cure. Dr. DeCarli's work is critical to understanding who is at risk and how we can protect brain health as we age. Without continued research funding, we risk delaying the discovery of treatments that could help people stay mentally sharp longer. Supporting this work means investing in a future where fewer families face the devastating impact of Alzheimer's — offering hope for longer, healthier lives.

**// The most important aspect of academia is its contributions to society in general. I think most people would agree — and experts certainly would agree — that most of the innovation that we see in science and technology today have, at its roots, academic institutions.”**

**— Dr. Charles DeCarli**



**Dr. Charles DeCarli**

School of Medicine

**Alzheimer's Disease**

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