

# From Labs to Lives

## How Research Funding Solves Real-World Problems

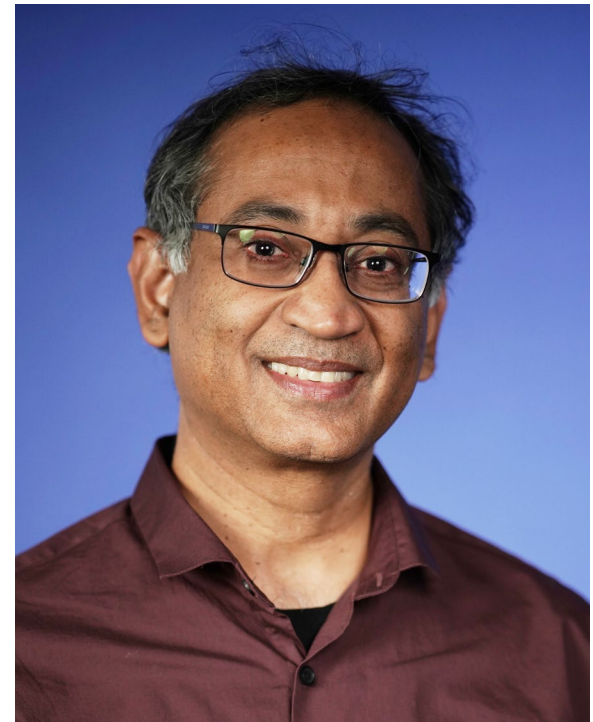
### **DOE-Funded Research Powering a Cleaner, More Efficient Power**

At UC Davis, Professor Vinod Narayanan develops next-generation technologies that help power plants and factories use energy more efficiently. His federally funded research aims to reduce how much energy these systems waste, which can lower electricity bills and make everyday products more affordable.

### **Helping Humanity**

Narayanan's innovations could dramatically cut energy use and carbon emissions in the industries that power daily life, from food processing to heating and cooling systems. Without sustained federal funding, these breakthrough technologies wouldn't reach people and communities, slowing down our ability to tackle climate change, reduce energy costs and build a more sustainable future.

**// Without this funding, the United States loses ground in advancing manufacturing and energy security.”**  
— **Vinod Narayanan, Ph.D.**



**Vinod Narayanan, Ph.D.**

College of Engineering  
**Energy Security**

Media Contact: Andy Fell  
[ahfell@ucdavis.edu](mailto:ahfell@ucdavis.edu)

**UCDAVIS**

[ucdavis.edu/labs-to-lives](https://ucdavis.edu/labs-to-lives)

#fromlabstolives