

## A Revolutionary Space

This year, USC celebrated the ribbon-cutting ceremony for the new **Dr. Allen and Charlotte Ginsburg Human-Centered Computation Hall**. The eco-friendly, 116,000-square-foot facility is a key component of USC President Carol Folt's **Frontiers of Computing**, a groundbreaking \$1 billion dollar initiative to fast-track ethical developments in advanced computing. Additionally, the department joined the newly established **School of Advanced Computing**, part of the Viterbi School of Engineering.



USC'S 1<sup>ST</sup> LEED PLATINUM-CERTIFIED BUILDING



500,000 HOURS OF LABOR



12,000,000 POUNDS OF CONCRETE



145,000 BRICKS



**“This remarkable building serves as a nexus for computer science research and collaboration across USC.”**

—PROFESSOR NENAD MEDVIDOVIĆ  
CHAIR OF THE THOMAS LORD DEPARTMENT OF COMPUTER SCIENCE

## PIONEERING SOLUTIONS TO GLOBAL CHALLENGES



### MENTAL HEALTH EPIDEMIC

With a \$1.2 million National Science Foundation (NSF) grant, researchers are designing a personalized socially assistive robot to enhance Cognitive Behavioral Therapy (CBT) engagement for college students with anxiety.



### EXTREME WEATHER

Researchers are creating a novel optimization system to manage wildfire risks, aiming to balance the protection of endangered species, buildings, and important water sources.



### BATTLING CANCER

USC researchers created an AI model that predicts ovarian cancer tumor responses to chemotherapy, offering personalized treatment recommendations and insights into resistant tumors.



### LIVING BETTER

A new study is examining if ocean surfing therapy can reduce chronic pain by studying its impact on the brain, using virtual reality (VR) to replicate the experience and increase accessibility.



### FIGHTING MALNUTRITION

USC researchers are leveraging AI to predict acute malnutrition among children in Kenya by analyzing past data and satellite imagery, aiming to enable earlier interventions and improve health outcomes.

## BY THE NUMBERS

**1,660**

undergraduate students

**3,502**

master's students

**429**

doctoral students

**96**

full-time faculty

**25**

faculty hired since 2022

## NEW FACULTY

### SAI PRANEETH KARIMIREDDY

Assistant Professor  
Data challenges in machine learning

### MENGYUAN LI

Assistant Professor  
System security, cloud security, confidential computing

### CARTER SLOCUM

Lecturer  
Virtual reality, augmented reality

### MÁTÉ SZABÓ

Senior Lecturer  
History and philosophy of logic and computing

## RECOGNIZING FACULTY ACHIEVEMENTS

### HEATHER CULBERTSON

Mass Robotics, Rising Star Award

### RUISHAN LIU

Google Gemma Academic Program Award

### MAJA MATARIĆ

ACM Athena Lecturer Award

### STEFANOS NIKOLAIDIS

Okawa Foundation for Information and Telecommunications Research Grant

### GAURAV SUKHATME

American Association for the Advancement of Science Fellow

### WEIHANG WANG

N2Women Rising Stars in Networking and Communications

### YUE WANG

Charles Lee Powell Foundation, Powell Faculty Research Award

### YUE ZHAO

Google Cloud Research Innovator

## WORLD-CLASS RESEARCH SINCE 1976

**48 years**

since the department was founded in 1976

**\$41M+\***

in research expenditures

**60**

new faculty hires planned for the School of Advanced Computing

**\$121M**

R&D expenditure for computer and information science at USC

**\$50M**

naming gift donated by the Lord Foundation of California

*\*Includes expenditures from the Information Sciences Institute and the Institute for Creative Technologies*