

USC Viterbi

School of Engineering
*Thomas Lord Department
of Computer Science*

A New Era, A New Name

Almost 50 years since its founding in 1976, computer science at the University of Southern California (USC) has marked a new era with a new name: the **Thomas Lord Department of Computer Science**.

The naming gift is part of the Frontiers of Computing, the largest and most comprehensive academic initiative in the university's history.

More Than a Building

The department will be housed in a **new centralized hub for computer science at USC**, the Dr. Allen and Charlotte Ginsburg Human-Centered Computation Hall, expected to open in spring 2024.



The gift also supports a new chair, the Donald M. Alstadt Chair of Advanced Computing, awarded to **Gaurav Sukhatme**.



By The Numbers

FACULTY AND RESEARCH

\$34M+

in research
expenditures*

\$19M+

in research proposals
requested

93

full-time
faculty

50

full-time
tenure-track
faculty

21

new full-time
faculty hired
since 2022

6

members of the
National Academy
of Engineering

2

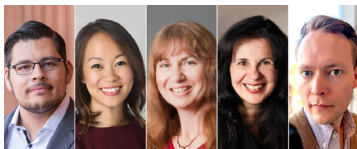
members of the
National Academy
of Sciences

1

Turing Award
Winner

Faculty Research Highlights

Supported by a \$1.9M grant from the National Institutes of Health (NIH), researchers from Kaiser Permanente and **Bistra Dilkina** are using machine learning to better understand the risks of early substance use in youth populations.



A team of researchers led by **Maja Matarić** was awarded a National Science Foundation (NSF) Convergence Accelerator grant to create inclusive coding technology for people with disabilities.



Lars Lindemann and **Souti Chattopadhyay** are building trustworthy AI-based code generation, funded by the USC + Amazon Center for Secure and Trusted Machine Learning.

Jyo Deshmukh received a University Research Program grant from Ford Motors for monitoring learning-enabled components in cyber-physical systems.

ENROLLMENT

1,800

undergraduate
students

3,600

master's
students

400

doctoral
students



40%

of undergraduate
students identify as female

TEN NEW TENURE-TRACK FACULTY

Erdem Biyik

Assistant Professor
Robot learning,
human-robot interaction,
multi-agent systems

Ibrahim Sabek

Assistant Professor
Machine learning for
data-intensive systems

Ruishan Liu

Assistant Professor
Machine learning
for healthcare
and biomedicine

Daniel Seita

Assistant Professor
Robotics, computer vision,
machine learning

Evi Micha

Assistant Professor
Algorithmic fairness and
computational social
choice

Yue Wang

Assistant Professor
Computer vision,
computer graphics,
robotics

Willie Neiswanger

Assistant Professor
Machine learning, AI for
science, optimization

Jieyu Zhao

Assistant Professor
Machine learning,
natural language
processing

Seo Jin Park

Assistant Professor
Parallel computing

Yue Zhao

Assistant Professor
Machine learning and
data mining

Recent Faculty Accolades

Maja Matarić

American Academy of Arts and Sciences

Nenad Medvidović

University of California, Irvine,
Information and Computer Sciences
Hall of Fame

Xiang Ren

Okawa Foundation Research Grant Award

Vatsal Sharan

NSF CAREER Award,
"Computational Foundations of Modern
Machine Learning"

Swabha Swayamdipta

Intel Rising Star Award,
Allen Institute for AI Young Investigators Award

*Includes expenditures incurred by computer science faculty at the Information Sciences Institute and the Institute for Creative Technologies