



University of California, Merced – CAPABILITY STATEMENT

UC Merced opened in the Fall of 2005, as the 10th campus of the University of California system and the first American research university of the 21st century. Situated in the central valley of California, Merced is a rural and primarily agricultural area of the state characterized by high unemployment, high poverty rates and low levels of academic attainment. Not only does this university serve as a base for promoting higher education for all members of this community but also expands access to the UC system for students throughout the state. This campus promotes research and innovation that will stimulate the economic growth of the region.

UC Merced is carrying on UC's excellent tradition in education, research and service, benefiting society through discovering and transmitting new knowledge and functioning as an active repository of organized knowledge. UC Merced is building strong graduate and research programs intermeshed with high-quality undergraduate programs. Creativity often requires multi-disciplinary knowledge. Integration of multiple disciplines is critical for cutting-edge research. UC Merced fosters cross-disciplinary inquiry and discovery.

Over 500 faculty and staff members provide high-quality instruction and valuable research experience to 6,685 students.

INSTITUTES, CENTERS AND CORE FACILITIES

We have established major centers and institutes including Sierra Nevada Research Institute, Health Sciences Research Institutes, University of California Institute of Advanced Solar Technologies, the NASA-funded Merced Nanomaterials Center for Energy and Sensing (MACES), NSF-funded Center of Research Excellence in Science and Technology (CREST) for Cellular and Biomolecular Machines.

During the short period of time and despite the State's financial crisis, UC Merced has established core facilities including Environmental Analytics Lab, Imaging and Microscopy Facility, Natural Reserve System, Stem Cell Instrumentation Foundry, etc.

CORE COMPETENCIES

UC Merced has identified the following interdisciplinary themes as the university's strategic "pillars."

- Toward a Sustainable Planet
- Computational Science and Data Analytics
- Adaptive Matter
- Advanced Functional Materials
- Entrepreneurship and Management
- Human Health Science

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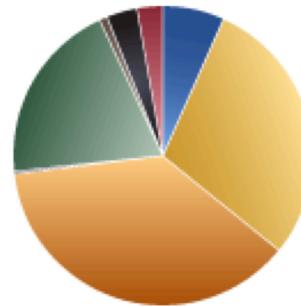
AWARDS AND PARTNERSHIPS

UC Merced has received diverse funding from both industry and federal agencies to support fundamental and applied research. More than \$33 million in grant and contracts are being managed at UC Merced for the 2016 fiscal year.

UC Merced has also entered into collaborative research partnerships with national laboratories such as Lawrence Livermore National Laboratory and the Central Valley Higher Education Consortium. UC Merced faculty members and students have user access to Department of Energy's National Renewable Energy Lab, Molecular Foundry and Advanced Light Source and Imaging Facilities at Lawrence Berkeley Laboratory, etc.

DEMOGRAPHICS

The majority of our students are first-generation college students. Almost 50% of our undergraduate population is Hispanic.



African-American	4.8%
Asian/Pacific Islander	23.8%
Hispanic	48.5%
Native American	<1.0%
White	12.7%
Nonresident Alien	5.3%
Two or More Races	3.8%
Unknown/Declined to State	<1.0%