The University’s impact is truly transformative and far-reaching

About the University of California

AT GLANCE

- 800 Degree programs
- 280,380 Students
- 2.0 M Living alumni
- Secures $7 in federal and private dollars for every $1 in research funding provided by the state of California
- + $50 billion farm revenues that contributed to CA being top agricultural state

- 10 Campuses
- 5 Medical Centers
- 3 National laboratories
- 160 Academic disciplines
- 58 Cooperative extension offices
- 227,700 Employees
- 68 Nobel laureates

$82 billion annually to California’s economic output
Alianza UCMX was established through the integration of three preexisting UC systemwide programs:

- UC Institute for Mexico and the United States (UC MEXUS)
- UC-Mexico Initiative
- Casa de la Universidad de California en Mexico (Casa de California)
Solid foundations for Alianza UCMX

A systemwide program to Mexico-related research and academic activities
Casa de la Universidad de California en México

**HISTORY**

Historical and emblematic property

Inaugurated in **2005**

Headquarters for UC-Education Abroad Program in Mexico
Launched in January by President Janet Napolitano:

- Strategic and equal partnership
- Addressed issues of mutual concern and interests
- Increased policy-engagement and partnership-building
Why Alianza UCMX

The University of California is the premier research partner of Mexico
UC MEXUS-CONACYT SINCE 1998

- +800 Collaborative Grants to bilateral research teams
- +300 Postdoctoral research stays at the UC and at Mexican institutions of higher education
- +500 Mexican students in UC doctoral study, 113 currently in progress
- 29 UC MEXUS Scholars in Residence since (2010)
**UC MEXUS- CONACYT collaborative grants**

- **Collaborative grants to bilateral teams of researchers**: 842
- **By academic discipline**:
  - Natural Sciences: 147
  - Medical/Health Sciences: 11
  - Engineering: 44
  - Social Sciences: 56
  - Computer Sciences: 40
  - Physical Sciences: 43
  - Earth Sciences: 12
  - Humanities: 11

- **Jointly contributed by UC MEXUS and CONACYT**
  - $20 million

- **Additional leveraged by researchers from other sources**
  - $57.5 million

- **95% of Mexico researchers supported come from public universities and institutions**
RICH HISTORY OF UC COLLABORATIONS WITH MEXICO

UC-UNAM COLLABORATION

Dates back to 1910 when UNAM was created & UC was “Madrina de Honor”

2010-2020

UC MEXUS-Conacyt Collaborative Grants Awarded to UC-UNAM research teams

% by campus

- Berkeley: 17%
- Davis: 13%
- Irvine: 15%
- Los Angeles: 10%
- Merced: 8%
- Riverside: 15%
- San Diego: 15%
- San Francisco: 13%
- Santa Barbara: 13%
- Santa Cruz: 3%

% by discipline

- Biological Sciences: 38.18%
- Physical Sciences: 28.18%
- Earth Sciences: 13.64%
- Health & Medical Sciences: 5.45%
- Social Sciences: 4.55%
- Environmental Sciences: 3.64%
- Engineering: 2.73%
- Humanities: 2.73%
- Computer Science: 0.91%
Number of Joint UC-UNAM publications by campus & top research areas

2010-2020

Total joint UC-UNAM publications: 2,220
Number of Joint UC-UNAM publications by campus & Top research areas

- **UCB**: 699 publications
  - Physics, Astronomy & Astrophysics, EEB
- **UCLA**: 295 publications
  - Astronomy & Astrophysics, Chemistry, Physics, Ecology
- **UCSD**: 270 publications
  - Astronomy & Astrophysics, Physics, Materials Science, Chemistry
- **UCSC**: 228 publications
  - Astronomy & Astrophysics, Physics, Ecology, Conservation
- **UCI**: 205 publications
  - Astronomy & Astrophysics, Ecology, Physics, Neuroscience
- **UCD**: 204 publications
  - Ecology, Astronomy and Astrophysics, Evolutionary Biology, Physics
- **UCR**: 134 publications
  - Astronomy & Astrophysics, Molecular Biochemistry, Chemistry
- **UCSB**: 88 publications
  - Astronomy & Astrophysics, EEB, Geology
- **UCSF**: 79 publications
  - Molecular Biochemistry, Internal Medicine, Genetics, Respiratory System
- **UCM**: 18 publications
  - Molecular Biochemistry, EEB, Chemistry

2010-2020
INCREASING DIVERSITY

More state universities & research centers from outside of Mexico City
In 6 years, academic participants came from 100 Institutions throughout Mexico.
UC FACULTY HAS A STRONG INTEREST IN MEXICO

+500 UC faculty members work on Mexico

UC Faculty Directory

A database of UC researchers and faculty who have worked or would like to work alongside Mexican institutions.
There are **90 centers** and programs at UC that work on Mexico or Mexican relevant topics

**UC Centers and Resources interested in Mexico**
The UC has numerous research centers and institutions that support research, teaching, and mobility in many fields of study as they relate to Mexico

**Research Centers focusing on Latin America and Mexico**
- **UC Berkeley**: Center for Latin American Studies
- **UCLA**: The Latin American Institute and Center for Mexican Studies
- **UCSD**: The Center for US-Mexican Studies, The Institute of the Americas
- **UC Irvine**: Latin American Studies Center
- **UC Santa Cruz**: Research Center for the Americas

**Research Centers focusing on Chicanx/Latinx studies**
- **UC Santa Barbara**: Chicano Studies Institute
- **UCLA**: Center for the Study of Latino Health and Culture (CESLAC), Chicano Studies Research Center
- **UC San Francisco**: Latino Center for Medical Education and Research
- **UC Berkeley**: The Latinx Research Center
- **UC Riverside**: Latino and Latin American Studies Research Center

**Research Centers focusing on Migration**
- **UC Berkeley**: Health Initiative of the Americas
- **UC Davis**: Global Migration Center, Migration and Health Center
- **UCLA**: Center for the Study of International Migration
- **UCSD**: Center for Comparative Immigration Studies
STRONG INTEREST IN UC TO ENGAGE WITH MEXICO

Self-identified faculty working on Mexico or Mexican issues: +500

Centers in the 10 UC campuses working on Mexico or Mexican-related issues: 90

UC campuses designated Hispanic serving institutions: 5

Riverside located in the 8th largest metro areas with more than 1 million Mexicans (half the number in Los Angeles):
California's population in 2017:

- **39%** HISPANIC
- **37%** WHITE
- **14%** ASIAN
- **5%** BLACK

UC is committed to advancing inclusion and equity while increasing diversity

- **40%** Undergraduates are the first in their family to attend college
- **37%** Come from low-income families

5 of 10 UC campuses are Hispanic serving institutions < 25% Hispanic population

- University of California, Irvine
- University of California, Merced
- University of California, Riverside
- University of California, Santa Barbara
- University of California, Santa Cruz
<table>
<thead>
<tr>
<th>Rank</th>
<th>Metropolitan Area</th>
<th>Population</th>
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<tbody>
<tr>
<td>1</td>
<td>Valley of Mexico</td>
<td>21,800,000</td>
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<tr>
<td>2</td>
<td>Monterrey</td>
<td>5,340,000</td>
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<tr>
<td>3</td>
<td>Guadalajara</td>
<td>5,290,000</td>
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<td>4</td>
<td>Los Angeles</td>
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<td>5</td>
<td>Puebla-Tlaxcala</td>
<td>3,200,000</td>
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<tr>
<td>6</td>
<td>Toluca</td>
<td>2,350,000</td>
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<tr>
<td>7</td>
<td>Juarez-Elsa Paso</td>
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<td>8</td>
<td>Riverside-San Bern</td>
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<tr>
<td>25</td>
<td>Culiacan</td>
<td>1,000,000</td>
</tr>
</tbody>
</table>

Source: INEGI 2020, US Census Bureau 2019 estimates
Alianza’s Current Initiatives
Renewal of the **5-year Agreement**, work with 26 Conacyt Centers

- **Health** (COVID 19, virology and tropical diseases)
- **Marine & coastal conservation**
- **Food security** Water and sustainable agriculture
- **Energy transition and climate change**
- **Artificial Intelligence**
Renewal of the **5-year Agreement**
Around sustainability with an interdisciplinary perspective

**Ongoing initiatives**

- **Innovation & COVID 19 Special binational call**
  - Over 100 submissions, of which 20 were funded
  - 2nd call, expected support for 7 most potentially impactful projects
  - A video will be produced to disseminate results

- **US-Mexico Energy Dialogues**, UC-UNAM, led by the Lawrence Berkeley Energy Lab, with the goal of creating a US-Mexico Joint Research Center

- **Berkeley-UNAM-IMSS consortium**
  - Received a C3.ai COVID 19 award, using AI and the IMSS data to understand the determinants of infection and its severity
Binational Border Innovation and Research Consortium

Collaborating with UCSD’s Border Solutions Alliance to expand engagement systemwide:

- Healthcare delivery; emergency and disaster management
- Urban & Rural resilience; transboundary watershed & aquifer resources
- Healthcare delivery; emergency and disaster management

UC, Arizona State University, Texas University, UNAM, Tec de Monterrey, CINVESTAV
RESEARCH

Colegio de la Frontera Norte, Colegio de México & Mexican General Consulate in Sacramento

California-Mexico Relations 2030:
Research and webinars on the future of California-Mexico relations
Virtual Joint Courses

UC faculty co-create collaborative virtual online courses with partner institution in Mexico.

Students We Share Conference

A binational symposium to share research updates on the status of students (US citizens in Mexico and MX citizens in US), education programs and policies in both regions.
ACADEMIC MOBILITY

Academic Mobility Workshop

A one-day annual workshop to inform UC staff and faculty of potential academic and research opportunities with Mexico.

ENLACE/MSRIP-MX

To introduce and prepare participating students for graduate opportunities at a UC campus, through professional development workshops.
ACADEMIC MOBILITY

UCSD ENLACE

The most successful program recruiting students in STEM

Summer 2020
+500 applications

200 students participated in a virtual summer program

Summer 2021
Expanding to other UC campuses
Other Initiatives
Stakeholder Engagement

Migration Dialogues

Led by UC Davis’ Global Center of Migration, with UCLA’s Center for the Study of International Migration & UCSD’s Center for Comparative Immigration Studies

High-level forum on Immigration and Education to be convened in Washington DC (Nov 2021) to address US and Mexico education and immigration policies
Other Initiatives
Stakeholder Engagement

Memorandum of Understanding (MOU)

Between the Secretaría de Educación Publica, the California Department of Education, the Secretary of Education of Baja California, and UC

19 co-sponsored weekly webinars with UCSD on the COVID 19 pandemic

300-500 interactively participants in Zoom. US and Mexico ambassadors, the California Lieutenant Governor. Governor and many other prominent scientists and policy-makers participated

Mexican Network of UC alumni

As Mexico is home to the largest community of UC alumni in the world, at Casa, established the Leadership Council to create the Mexican Network of UC alumni