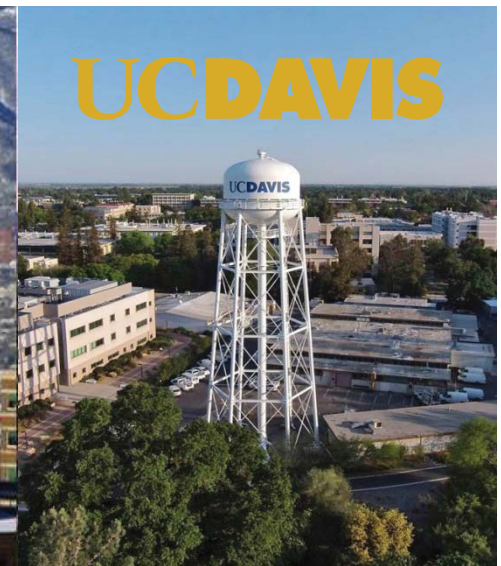
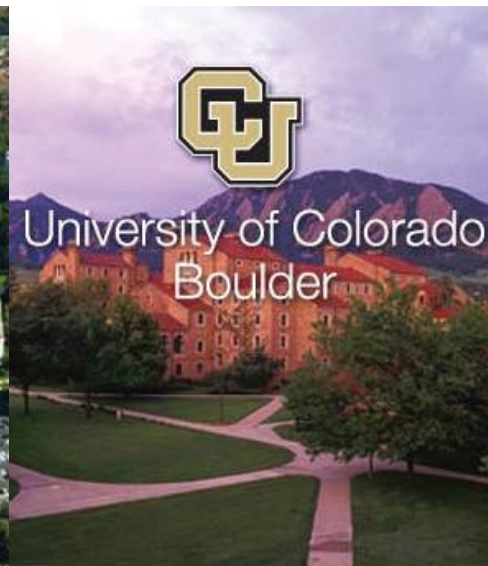
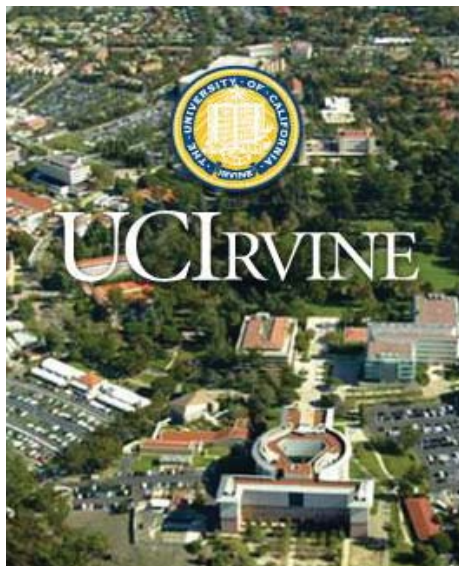


# *Balsells* Fellowship Programs

Balsells Foundation—University of California—University of Colorado—Generalitat de Catalunya



## **Faculty Representatives**

**Professor R. “Dan” Dandapani, UCCS**

**Professor Robert Davis, CU Boulder**

**Professor Edwin Lewis, UC Davis**

**Professor Roger Rangel, UC Irvine**

**Professor Greg Washington, UC Irvine**

# What to do after graduation?



- Get a job

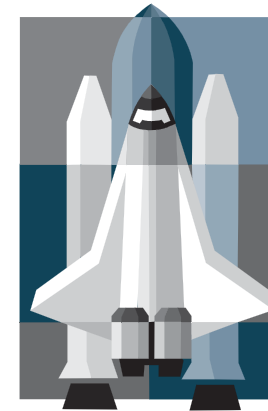
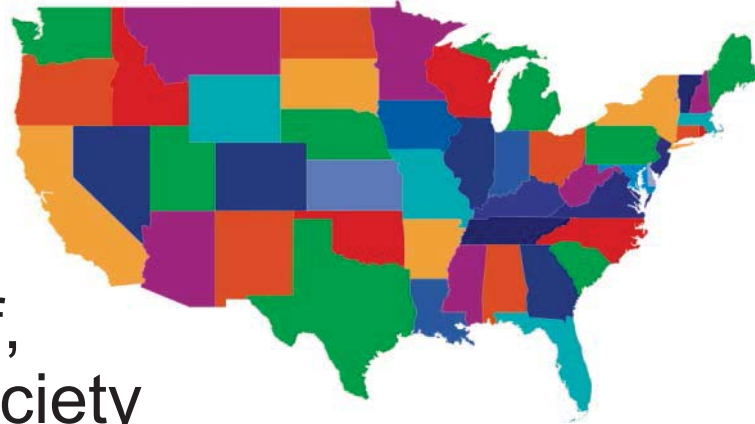


- Learn more, become an expert and **leader** in your field



# Why Graduate School in the USA?

- Opportunity to travel
- Learn more, better yourself, and benefit society
- Live abroad
- Expand your career options
- Achieve competitive positions and salaries



# Why the Balsells Fellowship Program?

- Tailored for students from Catalonia
- Financial support available:



**Pete Balsells**



**Generalitat de  
Catalunya**



UNIVERSITY of  
CALIFORNIA  
**IRVINE**

**UC DAVIS**  
UNIVERSITY OF CALIFORNIA

**UCCS**

University of Colorado  
Colorado Springs



University of Colorado  
Boulder

# Peter J. Balsells

- Born in Barcelona in 1928
- Moved to United States at age 18
- Graduated from CU Boulder in 1952
  - B.S. degree in Mechanical Engineering
- Started **Bal Seal Engineering Company** in California in 1958 with his wife, Joan
  - Located near Irvine, California, and Colorado Springs, Colorado, the company today employs over 500 people
- Started the Balsells Fellowship Program at UCI in 1996
- Started the Balsells Graduate Fellowship Program at CU Boulder in 2010; at UCCS in 2013; and at UCD in 2015
- Received the Francesc Macia Medal in 2003
- Awarded the Creu de Sant Jordi in 2013
- Honorary doctorates from CU Boulder (2014) and UdG (2016)



# The Balsells Effect

The Balsells Effect link to video

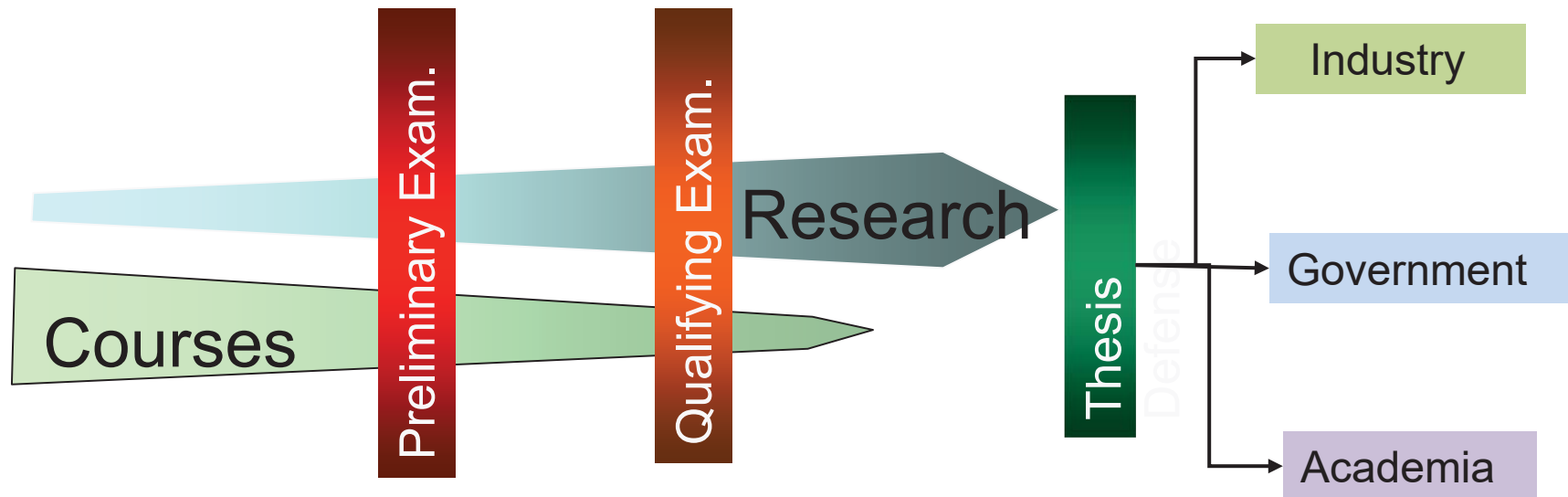


# Graduate Programs

**Master's: 1.5 – 2 years with thesis**



**Ph.D.: 4-5 years total**



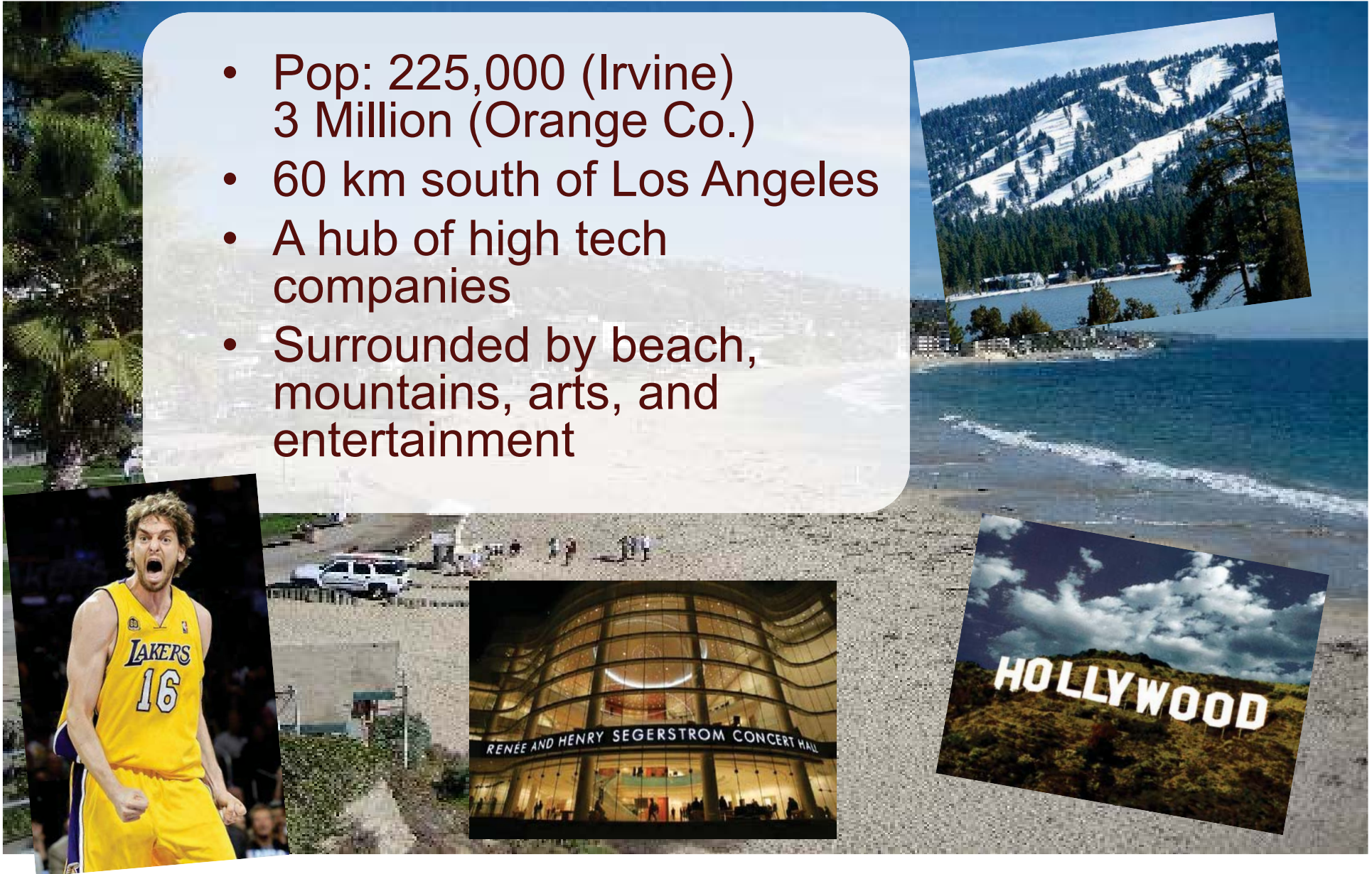
# From Catalonia to California and Colorado





# Irvine - Orange County - Southern California

- Pop: 225,000 (Irvine)  
3 Million (Orange Co.)
- 60 km south of Los Angeles
- A hub of high tech companies
- Surrounded by beach, mountains, arts, and entertainment

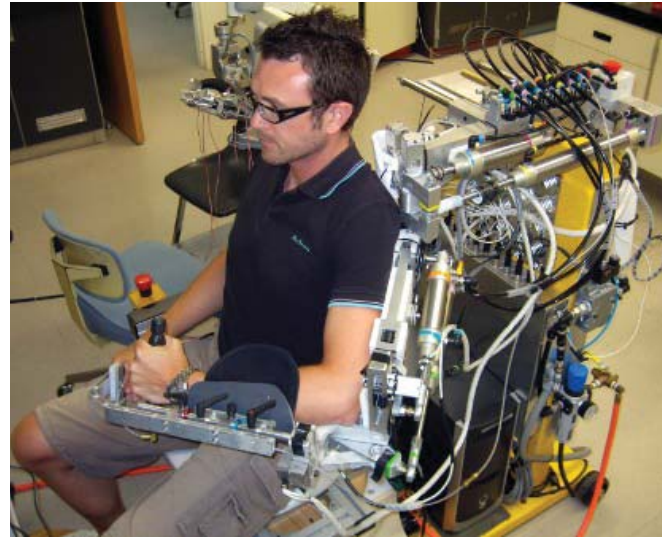




# University of California, Irvine Snapshot



- [www.uci.edu](http://www.uci.edu)
- 31,500 students
- 14 schools and programs
- 3,000 teaching faculty members
- 9<sup>th</sup> among all U.S. public universities (USNWR)
- 3 Nobel prizes



# Henry Samueli School of Engineering



3,232 Undergraduates  
1,042 Graduate students  
150 Faculty Members

## Five Departments:

[www.eng.uci.edu](http://www.eng.uci.edu)

- Biomedical Engineering
- Chemical Engineering & Materials Science
- Civil & Environmental Engineering
- Electrical Engineering & Computer Science
- Mechanical & Aerospace Engineering



# Boulder, Colorado

- 105,000 people
- 1,655 m elevation
- 40 km from Denver
- 300 days of sunshine per year
- Recreation
- Culture



# University of Colorado Boulder

- Founded 1876
- 32,000 students
- 5 Nobel Prize Winners
- 8 Schools & Colleges



- Balsells Graduate Fellowship Program started 2010
- Special strengths in aerospace, bioengineering  
chemical, civil, computer, electrical/telecom,  
materials and mechanical engineering



# College of Engineering and Applied Science

## 8 Departments/Programs

Aerospace Engineering Sciences  
Chemical and Biological Engineering  
Civil, Environmental, and Architectural Engineering  
Computer Science  
Electrical, Computer, and Energy Engineering  
Interdisciplinary Telecommunications  
Materials Science and Engineering  
Mechanical Engineering

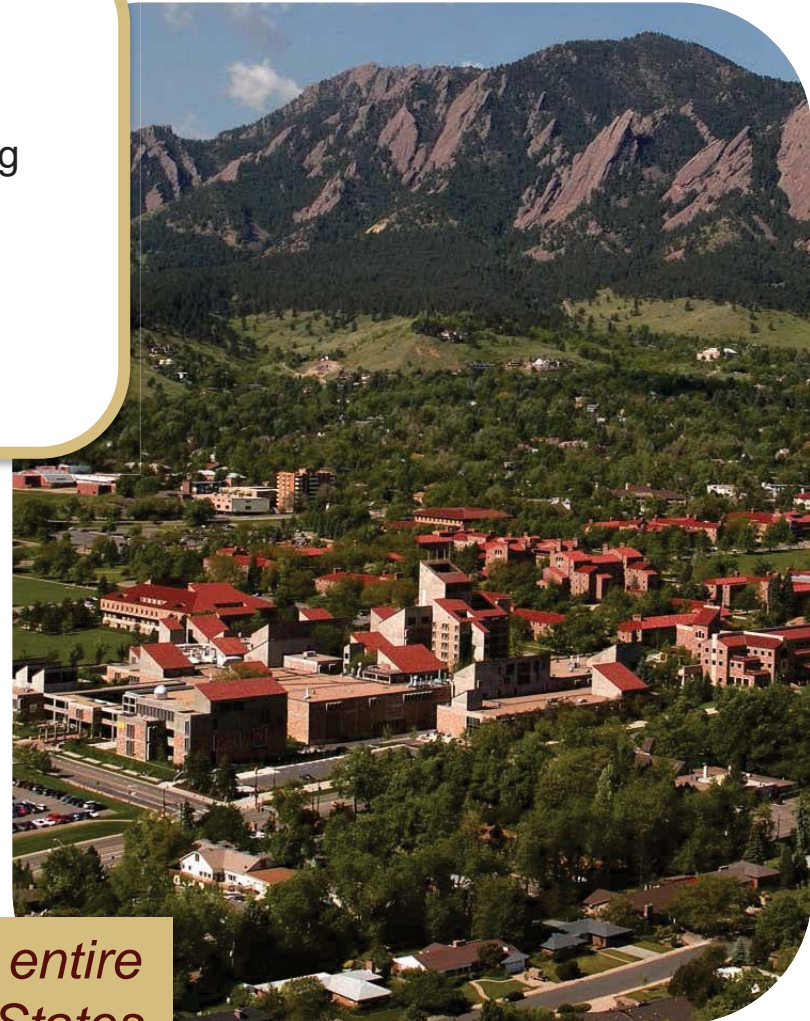
**4,650** undergraduates

**1,900** graduate students

**300** faculty members

**[engineering.colorado.edu](http://engineering.colorado.edu)**

*Top-ranked engineering school in the entire  
Rocky Mountain region of the United States*



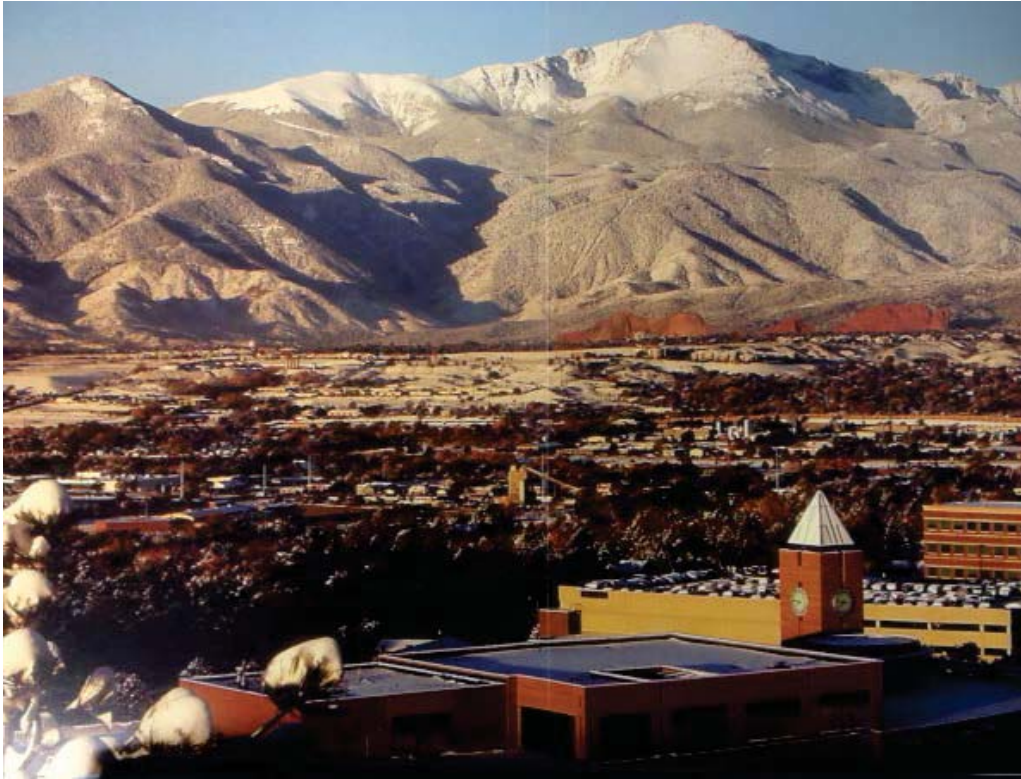


# Colorado Springs, Colorado

- 460,000 people
- 1,839 m elevation
- 110 km from Denver
- Home to the U.S. Olympic Training Center
- A city for people who love the outdoors – great outdoor recreation year round
- Pikes Peak
- Garden of the Gods



# University of Colorado / Colorado Springs



- Founded 1965
- 12,000 students
- 9<sup>th</sup> among Western regional public universities (2017)
- 6 Schools & Colleges

- Balsells Graduate Fellowship Program
- Computer Science, Electrical Engineering, and Mechanical Engineering, cutting-edge applied research in the College of Engineering and Applied Science



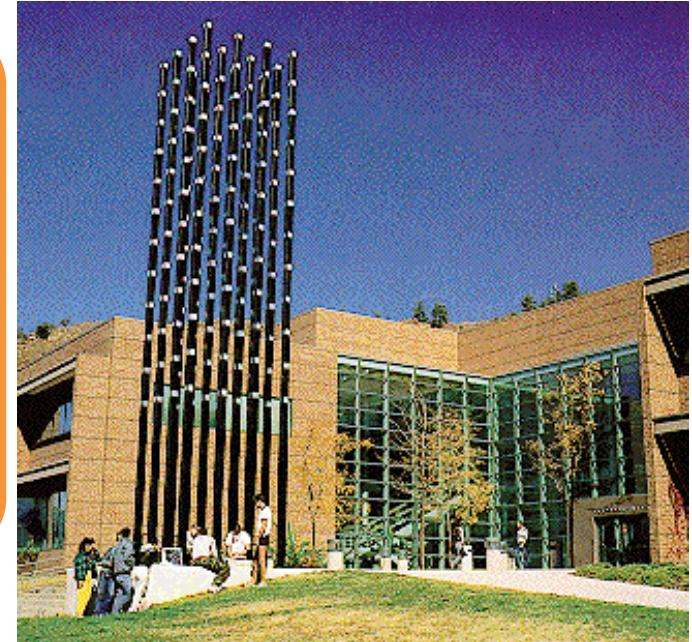
# College of Engineering and Applied Science

## 3 Departments

Electrical & Computer Engineering

Mechanical & Aerospace Engineering

Computer Science



Local connections to industry, including Bal Seal Engineering R&D Facility.

Personal attention by  
faculty on research projects

[www.uccs.edu/eas](http://www.uccs.edu/eas)



# Davis – Yolo County – Northern California

- Pop: 66,000 (Davis) – 200,000 (Yolo Co.)
- 18 km from Sacramento; 110 km from San Francisco
- In the center of agricultural production
- Close to mountains and coast

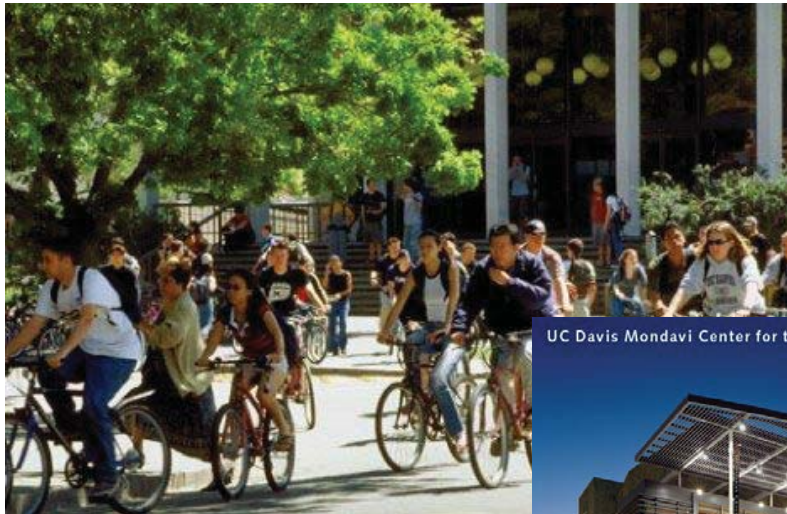




# University of California, Davis Snapshot



- [www.ucdavis.edu](http://www.ucdavis.edu)
- 35,400 students
- 104 undergraduate majors
- 96 graduate programs
- 9,500+ degrees awarded annually



- **#1 Ranking University in the World for Research and Teaching in Agriculture**





# UC Davis College of Agricultural and Environmental Sciences

- 15 academic departments
- Centers and Institutes – many
- People
  - 360+ faculty / 800 staff
  - 6,635 undergraduate students
  - 1,000+ graduate students
- 5,000 acres on campus
  - 3,700 acres for ag. research and teaching
  - Classrooms / Laboratories
  - Greenhouses / Growth chambers





# Balsells Graduate Fellowship

## The Fellowship includes:

- Monthly stipend: **\$1,600-2,050 per month**
- Tuition, Fees & Insurance: **\$27,000-36,000 per year**
- Travel payment: **\$1,500 per year**
- Total value: **\$45,000-60,000 per year**
- Fellowship available for up to 2 years
- Research & teaching assistantships available after 2 years for students continuing to the PhD
- 15 to 20 new fellowships each year

## U.C. Irvine also offers Postdoctoral Fellowships in Engineering

- Yearly stipend: \$45,000
- Total value: \$69,000
- 2 Fellowships each year





# Balsells Eligibility

## **Who can apply?**

Spanish citizens who are permanent residents of Catalonia; speak English, Catalan and Spanish; and are graduates from Catalan or other European universities majoring in engineering or related fields.





# Balsells Fellowships 1996-2016

## 129 Fellows at UC Irvine

116 MS and PhD fellows  
13 Post-doctoral fellows

### UPC

ETSEIB  
ETSETB  
ETSECCPB  
EUETIB (EEBE)  
EUETIT  
ETSEIAT  
FIB  
FME

### URV

ETSEQ  
FE

## 36 Fellows at CU Boulder

36 MS and PhD fellows

## 15 Fellows at UCCS

14 MS and 1 MS/PhD

### UB

Phys and Chem

### URL

IQS  
La Salle

### UdL

### UdG

EPS

### UAB

Chem Eng  
Comp Sci  
Telecom

### UPF



# Timeline for Applications

	<u>UCI/UCD</u>	<u>CUB/UCCS</u>
Take GRE and TOEFL or IELTS exams	Nov/Dec	Nov/Dec
Complete application to the university	Dec/Jan	Dec/Jan
Admissions decision by the university	March	Feb/March
Admitted students apply for Bellsells Fellowship	March/April	March
Decisions on Bellsells Fellowships announced	May	April/May
Fall term starts	Sept	Aug

Information on GRE, TOEFL & IELTS exams:

[www.gre.org](http://www.gre.org), [www.toefl.org](http://www.toefl.org), [www.ielts.org](http://www.ielts.org)

Information on applying to UC Irvine:

<http://www.grad.uci.edu/admissions/applying-to-uci/>

Information on applying to CU Boulder:

<http://www.colorado.edu/admissions/graduate/international>

Information on applying to UCCS

<http://www.uccs.edu/eas/academics/bellsells.html>

# Balsells Fellowship

**Balsells Foundation – UC Irvine – CU Boulder – UCCS – UC Davis -- GenCat**

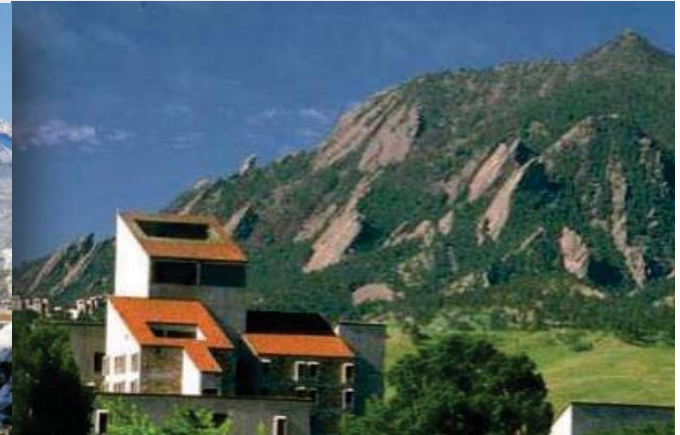
***For additional information please contact:***

**University of California, Irvine**

[balsells@uci.edu](mailto:balsells@uci.edu)  
[balsells.eng.uci.edu](http://balsells.eng.uci.edu)

**University of Colorado Boulder**

[sharon.powers@colorado.edu](mailto:sharon.powers@colorado.edu)  
[colorado.edu/engineering/balsells](http://colorado.edu/engineering/balsells)



**University of Colorado Colorado Springs**

[balsells@uccs.edu](mailto:balsells@uccs.edu)  
[www.uccs.edu/eas/academics/balsells.html](http://www.uccs.edu/eas/academics/balsells.html)

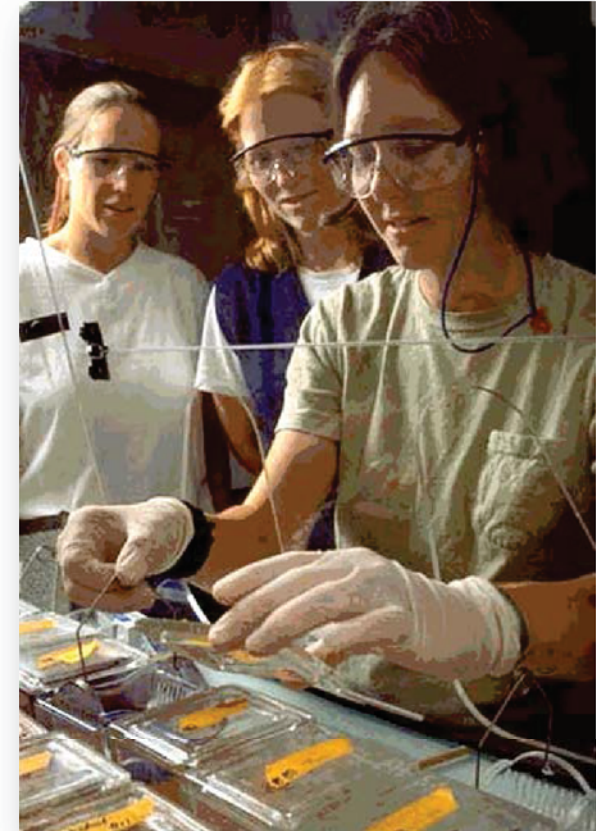
**University of California, Davis**

[eelewis@ucdavis.edu](mailto:eelewis@ucdavis.edu)

# Balsells Mobility Program

## Balsells International Mobility Program

- Undergraduates or master's students from Catalonia
- Undertake final project or master's thesis typically for one semester (4-6 months) at UC Irvine, CU Boulder or UCCS
- UC Irvine: [balsells.eng.uci.edu](http://balsells.eng.uci.edu)
- CU-Boulder: [colorado.edu/engineering/balsells](http://colorado.edu/engineering/balsells)
- UCCS: [www.uccs.edu/eas/academics/balsellsmobility.html](http://www.uccs.edu/eas/academics/balsellsmobility.html)
- UC Davis: Associate Dean Susan Ebler at [seebler@ucdavis.edu](mailto:seebler@ucdavis.edu)
- Transportation and partial living expenses provided



# How to Apply for the Mobility Program

## Students interested in the Balsells Mobility Program should:

- Be interested in future Master's or PhD study in the USA and intend to apply for the Balsells Graduate Program
- Have a strong academic record and at least intermediate English proficiency
- Provide letter of interest, curriculum vita, and academic transcript (all in English) to:
  - **UC Irvine:** Balsells Fellowship Program at [balsells@uci.edu](mailto:balsells@uci.edu)
  - **CU Boulder:** Mr. Andrew Wingfield at [andrew.wingfield@colorado.edu](mailto:andrew.wingfield@colorado.edu)
  - **UCCS Colorado Springs:** Mr. Christopher Nelson at [balsells@uccs.edu](mailto:balsells@uccs.edu)
  - **UC Davis:** Associate Dean Susan Ebler at [seebler@ucdavis.edu](mailto:seebler@ucdavis.edu)

**Questions?**