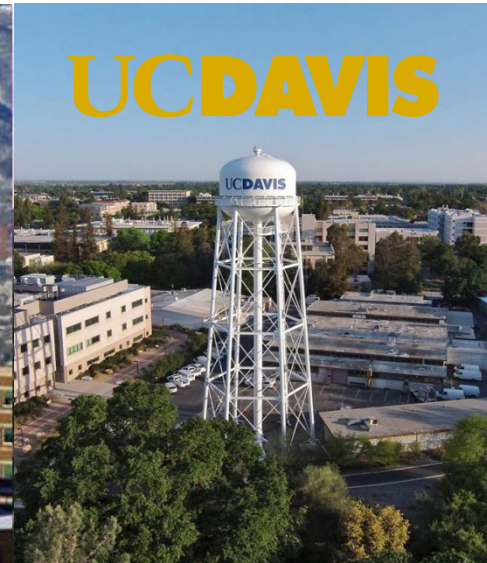
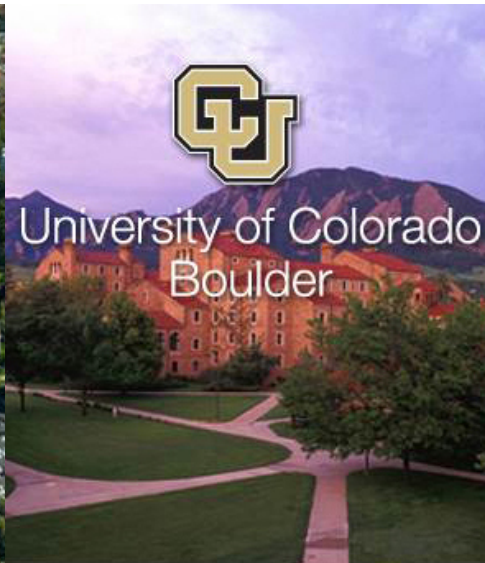
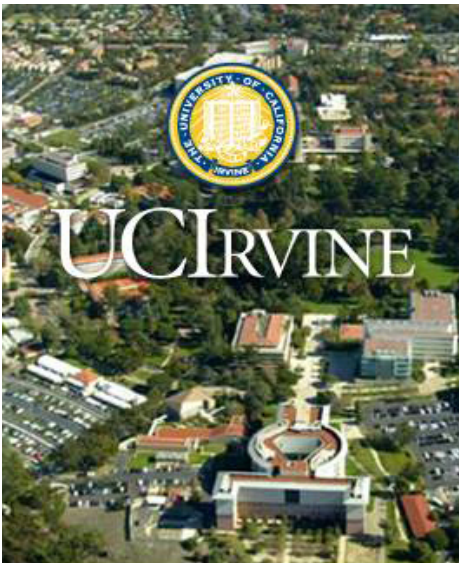


Balsells Fellowship Programs

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



Faculty Representatives

Professor Robert Davis, CU Boulder

Professor Anita Oberbauer, UC Davis

Professor Roger Rangel and Dean Greg Washington, UC Irvine

Professor and Interim Dean Charles Zhou, UCCS

What to do after graduation?

- Get a job

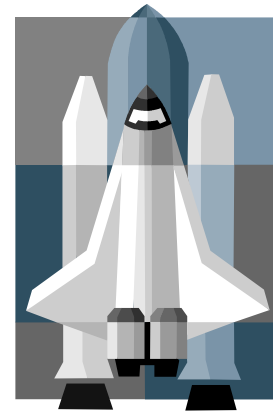
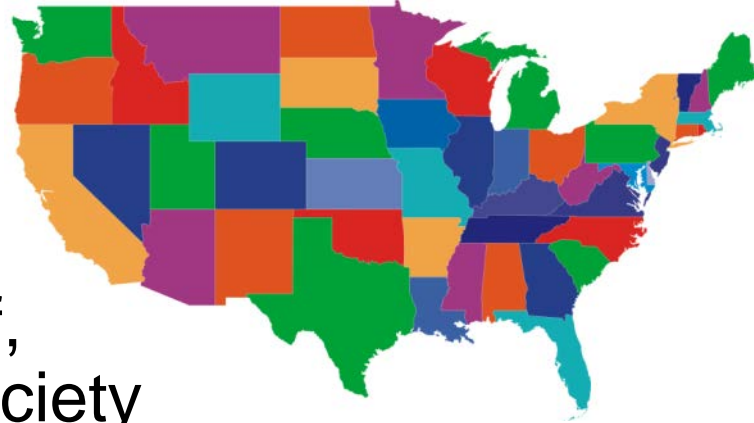


- Learn more, become an expert and **leader** in your field



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

UCDAVIS
UNIVERSITY OF CALIFORNIA



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



Balsells Fellowship Program

Balsells Mobility Program

Short-term visits of 4-6 months to the U.S. to carry out final project for Bachelor's or Master's degree and to explore possibility of returning to the U.S. for a Master's and/or PhD.

Balsells Graduate Fellowship

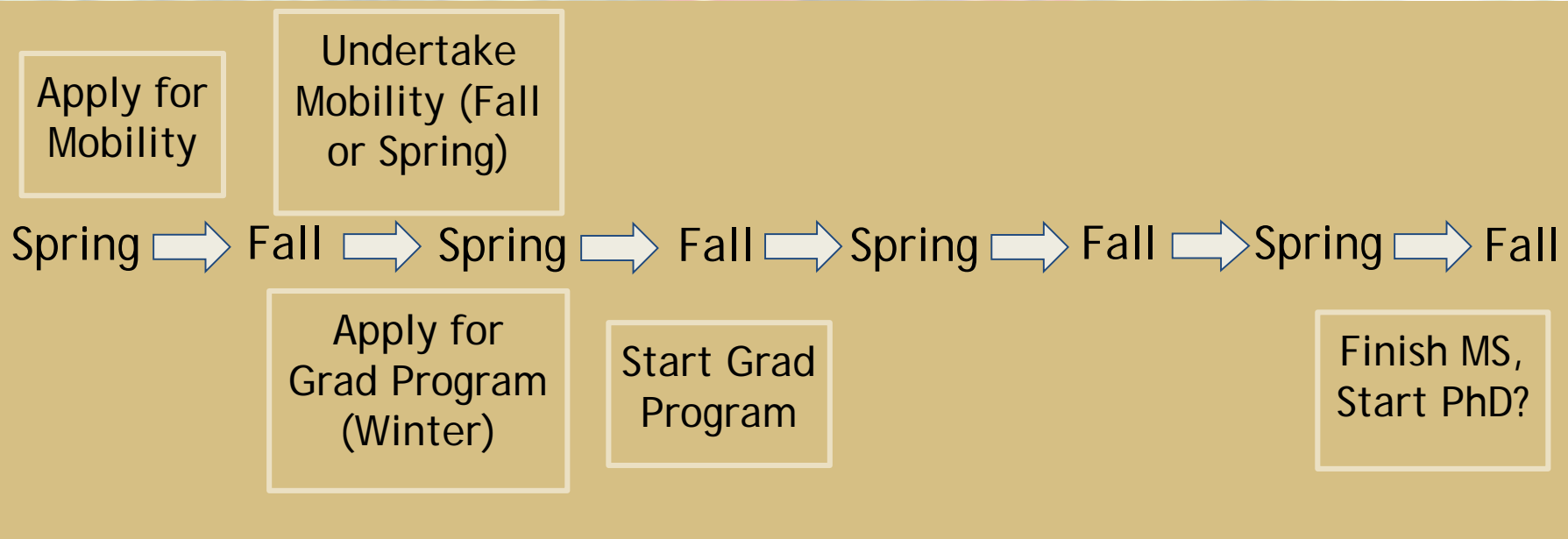
Long-term visits of 1.5 - 5 years to the U.S. to obtain Master's degree (1.5 - 2 years) and/or PhD degree (4 – 5 years) from a U.S. university.

Balsells Postdoctoral Fellowship (UC Irvine)

One-year visit for PhD holders to conduct research at UC Irvine under the guidance of a faculty member.

Balsells Mobility and Graduate Programs

Mobility: Short-term visit of 4-6 months to U.S. to do final project for Catalan undergraduate or Master's degree, **and to explore possibility of returning to the U.S. for M.S. and/or Ph.D.**



Graduate Fellowship: Long-term visit of 2-5 years to U.S. to obtain M.S. degree (1.5-2 years) and/or PhD degree (4-5 years) from U.S. university

Balsells Fellowships 1996-2018

UC Irvine

**132 MS and PhD fellows
13 post-doctoral fellows
64 mobility fellows**

CU Boulder

**47 MS and PhD fellows
45 mobility fellows**

UCCS

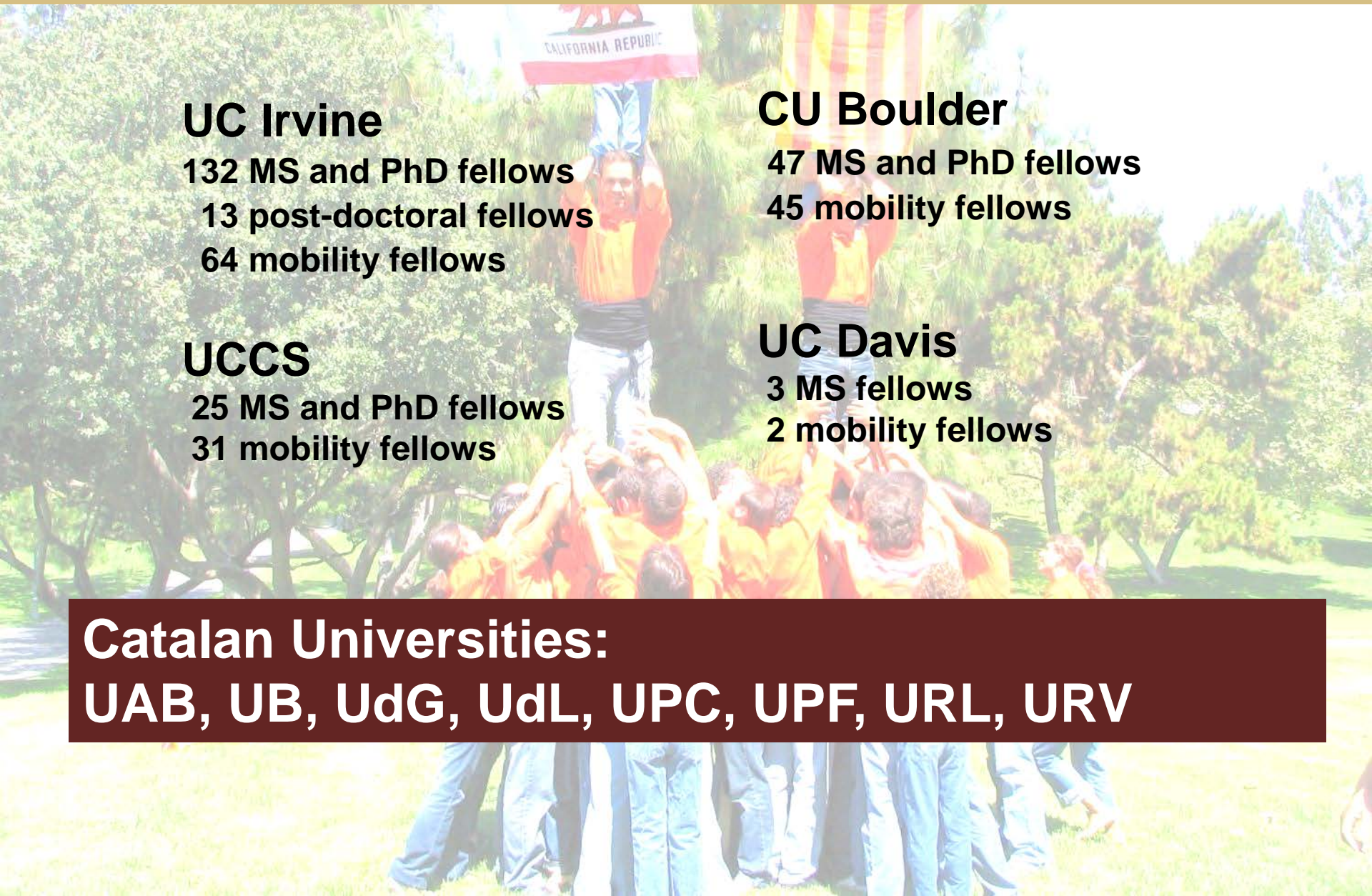
**25 MS and PhD fellows
31 mobility fellows**

UC Davis

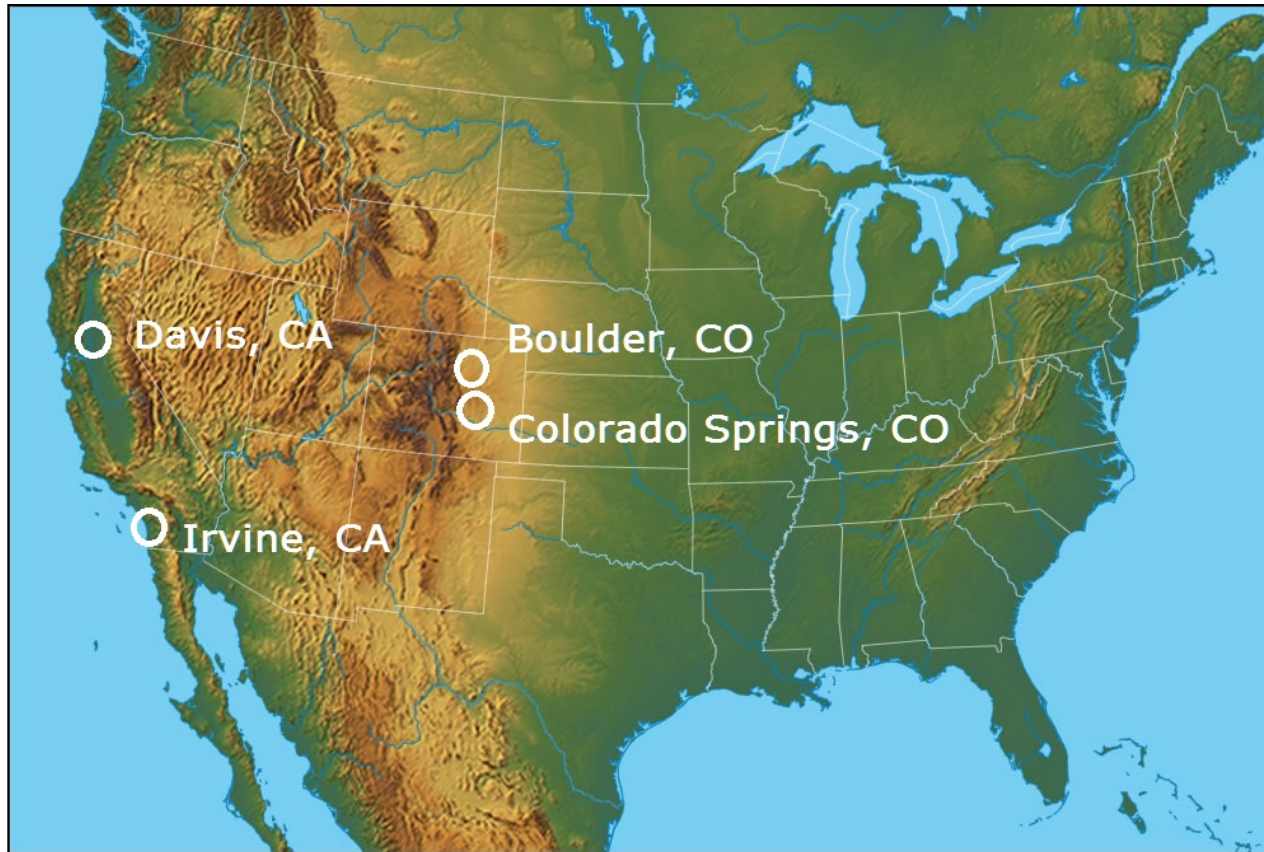
**3 MS fellows
2 mobility fellows**

Catalan Universities:

UAB, UB, UdG, UdL, UPC, UPF, URL, URV



From Catalonia to California and Colorado



Irvine - Orange County - Southern California

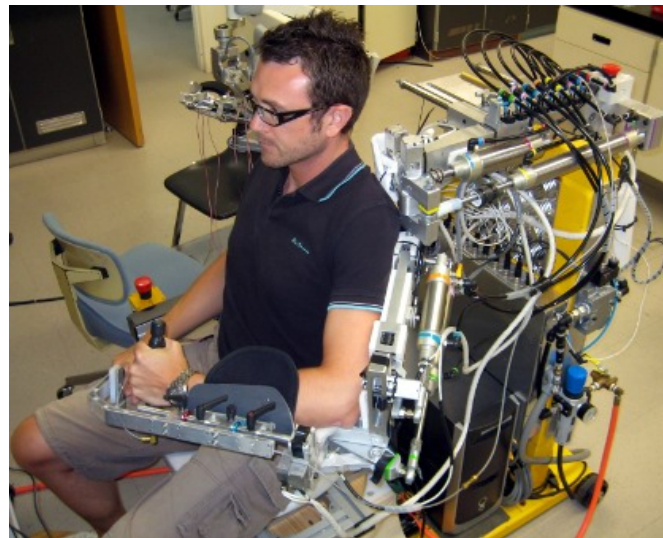
- Pop: 267,000 (Irvine)
3.2 Million (Orange Co.)
- 60 km south of Los Angeles
- A hub of high tech companies
- Surrounded by beach, mountains, arts, and entertainment



University of California, Irvine Snapshot



- www.uci.edu
- 36,000 students
- 15 schools and programs
- 3,100 teaching faculty members
- 7th among all U.S. public universities (USNews&WR 2019)
- 3 Nobel prizes



Henry Samueli School of Engineering



3,600 Undergraduates
1,000 Graduate students
150 Faculty Members

Five Departments:

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
- 33,000 students
- 5 Nobel Prize Winners
- 8 Schools & Colleges



- Bells 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

9 Departments/Programs

Aerospace Engineering Sciences
Alliance for Technology, Learning and Society
Chemical and Biological Engineering
Civil, Environmental, and Architectural Engineering
Computer Science
Electrical, Computer, and Energy Engineering
Interdisciplinary Telecommunications
Materials Science and Engineering
Mechanical Engineering

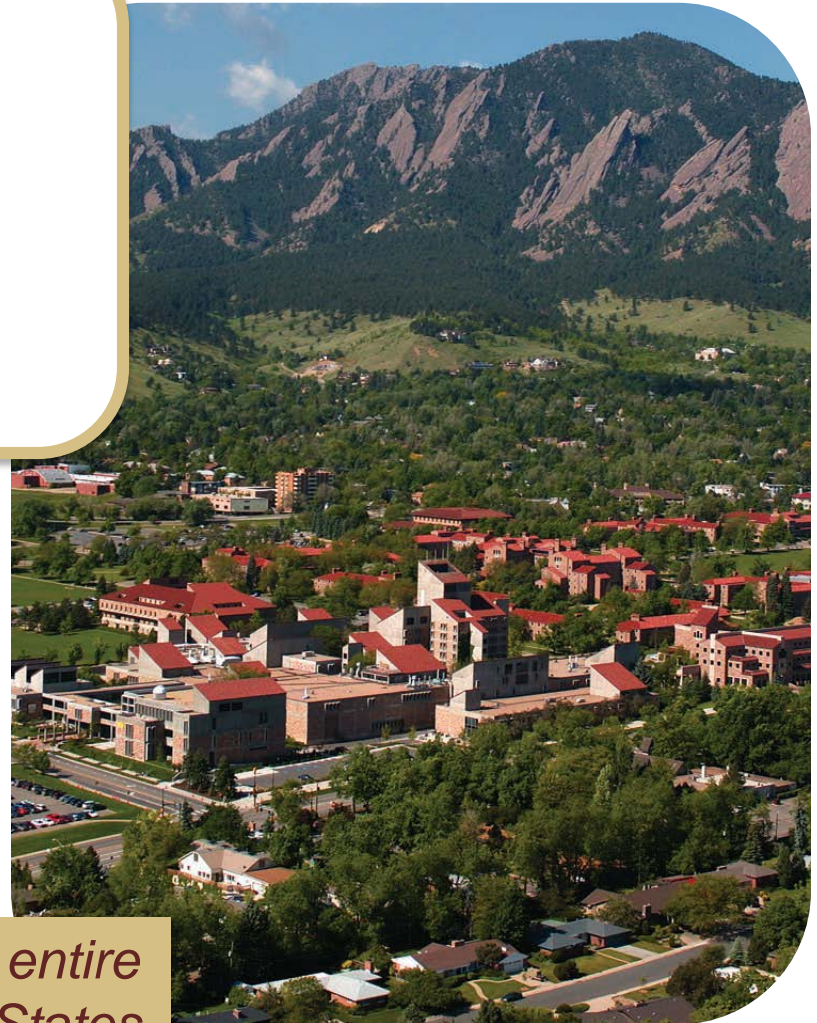
4,850 undergraduates

1,960 graduate students

370 faculty members

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
- 6th among Western regional public universities (2018) USN&WR
- 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

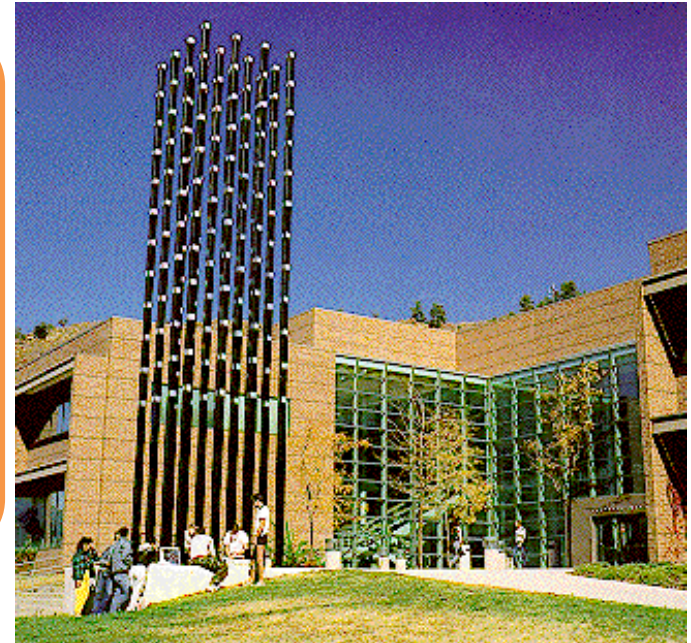
College of Engineering and Applied Science

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

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
- 37,400 students
- 104 undergraduate majors
- 96 graduate programs
- 10,200+ degrees awarded annually
- Top 10 US public university
- **#2 Ranking University in the World for Research and Teaching in Agricultural Sciences**



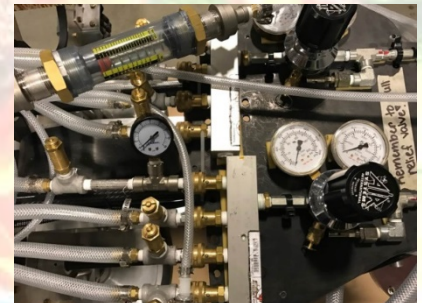
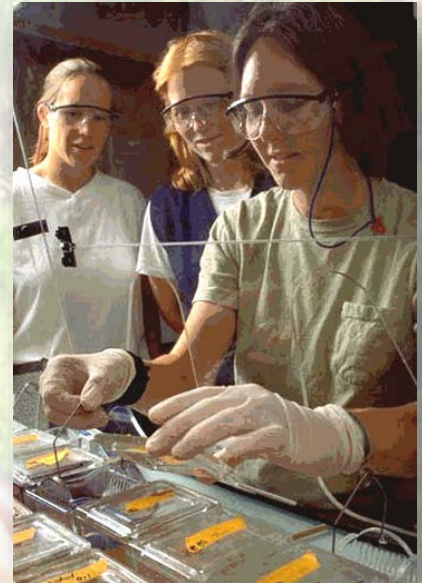
UC Davis College of Agricultural and Environmental Sciences

- 15 academic departments
- Centers and Institutes – many
- People
 - 381+ faculty / 800 staff
 - >7,300 undergraduate students
 - 1,100+ graduate students
- 5,000 acres on campus
 - 3,700 acres for Agricultural research and teaching
 - Classrooms / Laboratories
 - Greenhouses / Growth chambers



Balsells Mobility Program

- Undergraduates or master's students from Catalonia
- Undertake final project or master's thesis typically for one term (4-6 months) at UC Irvine, CU Boulder, UCCS, or UC Davis
- UC Irvine: balsells.eng.uci.edu
- CU Boulder: www.colorado.edu/engineering-international/balsells
- UCCS: <https://www.uccs.edu/balsellseng/mobility-program>
- UC Davis: Associate Dean Susan Ebler at seebler@ucdavis.edu
- Transportation and partial living expenses provided (approximately \$1,000 per month)
- **Great way to explore returning for graduate study!**



How to Apply for the Mobility Program

Students interested in the Balsells Mobility Program should:

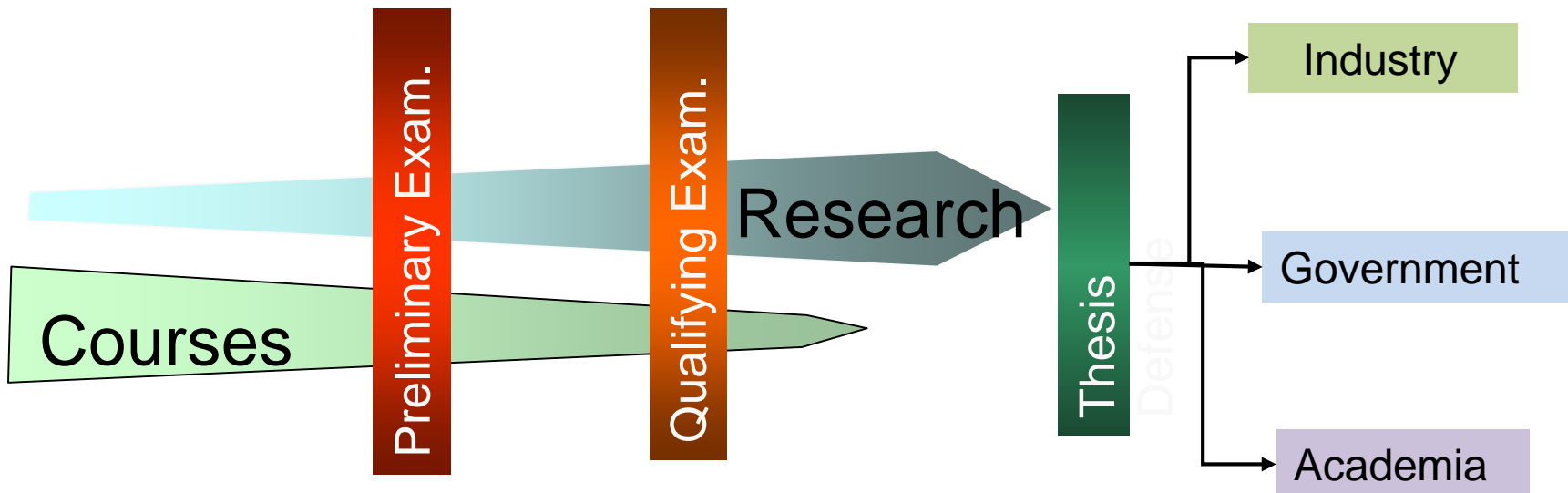
- Be interested in future Master's or PhD study in the USA and intend to apply for the Balsells Graduate Program
- Have a strong academic record and at least intermediate English proficiency
- Provide letter of interest, curriculum vita, and academic transcript (all in English) to:
 - **UC Irvine:**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

Graduate Programs

Master's: 1.5 – 2 years with thesis



Ph.D.: 4-5 years total



Balsells Graduate Fellowship

The Fellowship includes:

- Monthly stipend: **\$1,700-2,250 per month**
- Tuition, Fees & Insurance: **\$27,000-36,000 per year**
- Travel stipend: **\$1,500 per year**
- Total value: **\$45,000-62,000 per year**
- Fellowship available for up to 2 years
- Research & teaching assistantships available starting 3rd year of PhD
- 15 to 20 new fellowships each year

Postdoctoral Fellowship in Engineering (UC Irvine)

- Monthly stipend: **\$4,150 per month**
- Health Insurance: \$10,000-25,000 per year
- Travel stipend: \$1,500 per year
- Total value: **\$75,000 per year**
- 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.



Timeline for Graduate (MS/PhD) application

For students currently in 4th year

What

When

| | |
|--|----------------------------|
| This presentation | Sep 2018 |
| Take GRE and TOEFL or IELTS exams | Nov/Dec 2018 |
| Complete graduate application..... | Dec 2018 / Jan 2019 |
| Admissions decision by the university..... | Feb/Mar 2019 |
| Admitted students apply for Bellsells Fellowship..... | Mar 2019 |
| Decisions on Bellsells Fellowships announced..... | Apr 2019 |
| Fall term of graduate school starts..... | Aug/Sep 2019 |

Timeline for Mobility and Graduate application

For students currently in 3rd year

| What | When |
|---|--------------------------|
| This presentation | Sep 2018 |
| Apply for Mobility | Feb 2019 |
| Start Mobility..... | Fall 2019 or Spring 2020 |
| Take GRE and TOEFL or IELTS exams | Dec 2019 |
| Complete graduate application..... | Dec 2019 / Jan 2020 |
| Admissions decision by the university..... | Feb/Mar 2020 |
| Admitted students apply for Balsells Fellowship.... | Mar 2020 |
| Decisions on Balsells Fellowships announced..... | Apr 2020 |
| Fall term of graduate school starts..... | Aug/Sep 2020 |

Admissions—How To

Requirements for admission to any of the Master's Programs:

- Undergraduate transcripts (original and English translation)
- GRE Scores
- TOEFL/IELTS Scores
- 3 Letters of Recommendation
 - Highlighting your potential for performing independent, thoughtful research, and ability to think beyond formal course assignments
- Candidate statement (Statement of Purpose)
 - How you prepared for the graduate degree (courses, experiences)
 - Interests and career goals (why you want to pursue this degree)
 - Fit (why you are a good match for the program)
 - Your personal history that helped you decide to pursue this degree

Admissions—How To for UC Davis

Coursework requirements for admission differ for each of the Masters graduate programs:

➤ Food Science & Technology M.S.

<http://foodscience.ucdavis.edu/graduate/courseprep.html>

(BS in Physical Science, Biological Science, or Engineering)

➤ Biological Systems Engineering M.S.:

<http://bae.engineering.ucdavis.edu/graduate/admission-requirements/>

(coursework in math, physics, chemistry, and engineering)

➤ Viticulture & Enology M.S.:

<http://vengg.ucdavis.edu/admissions/academic-preparation>

(coursework in biology, chemistry, biochemistry, economics, math, microbiology, plant science, statistics, and industry experience)

Balsells Website for UC Davis: <http://balsells.ucdavis.edu>

Balsells Fellowship: Application and Exam Websites

Information on GRE, TOEFL & IELTS exams:

www.gre.org, www.toefl.org, 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:

<https://www.uccs.edu/balsellseng/graduate-fellowship>

Information on applying to UC Davis:

<http://balsells.ucdavis.edu>

Balsells Fellowship

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

For additional information please contact:

University of California, Irvine

balsells@uci.edu
balsells.eng.uci.edu

University of Colorado Boulder

brittany.bergstrom@colorado.edu
colorado.edu/engineering/balsells



University of Colorado Colorado Springs

balsells@uccs.edu
<https://www.uccs.edu/balsellseng>

University of California, Davis

nerabaud@ucdavis.edu
<http://balsells.ucdavis.edu>