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 Colorado Boulder

University of Colorado Colorado Springs
• 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

Courses → Research → Thesis → Industry, Government

Ph.D.: 4-5 years total

Courses → Preliminary Exam. → Qualifying Exam. → Research → Thesis 
Ph.D. Defense → Industry, Government, Academia
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
- 9th among all U.S. public universities (USNWR)
- 3 Nobel prizes
Henry Samueli School of Engineering

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

www.eng.uci.edu

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

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

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

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

<table>
<thead>
<tr>
<th>Institution</th>
<th>Fellows</th>
<th>Type of Fellow</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC Irvine</td>
<td>129</td>
<td>116 MS and PhD fellows, 13 Post-doctoral fellows</td>
<td>129 Fellows at UC Irvine</td>
</tr>
<tr>
<td>CU Boulder</td>
<td>36</td>
<td>36 MS and PhD fellows</td>
<td>36 Fellows at CU Boulder</td>
</tr>
<tr>
<td>UCCS</td>
<td>15</td>
<td>14 MS and 1 MS/PhD fellow</td>
<td>15 Fellows at UCCS</td>
</tr>
<tr>
<td>UPC</td>
<td>116</td>
<td>116 MS and PhD fellows</td>
<td>116 MS and PhD fellows</td>
</tr>
<tr>
<td>UB</td>
<td>13</td>
<td>13 Post-doctoral fellows</td>
<td>13 Post-doctoral fellows</td>
</tr>
<tr>
<td>UdG</td>
<td>14</td>
<td>14 MS and 1 MS/PhD fellow</td>
<td>14 MS and 1 MS/PhD</td>
</tr>
<tr>
<td>UAB</td>
<td>1</td>
<td>1 MS/PhD fellow</td>
<td>1 MS/PhD</td>
</tr>
<tr>
<td>URV</td>
<td>10</td>
<td>10 MS and PhD fellows</td>
<td>10 MS and PhD fellows</td>
</tr>
<tr>
<td>URL</td>
<td>7</td>
<td>7 MS and PhD fellows</td>
<td>7 MS and PhD fellows</td>
</tr>
<tr>
<td>UdL</td>
<td>5</td>
<td>5 MS and PhD fellows</td>
<td>5 MS and PhD fellows</td>
</tr>
<tr>
<td>UPF</td>
<td>3</td>
<td>3 MS and PhD fellows</td>
<td>3 MS and PhD fellows</td>
</tr>
</tbody>
</table>
## Timeline for Applications

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

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/](http://www.grad.uci.edu/admissions/applying-to-uci/)

Information on applying to CU Boulder: [http://www.colorado.edu/admissions/graduate/international](http://www.colorado.edu/admissions/graduate/international)

Information on applying to UCCS: [http://www.uccs.edu/eas/academics/balsells.html](http://www.uccs.edu/eas/academics/balsells.html)
For additional information please contact:

**University of California, Irvine**
- balsells@uci.edu
- balsells.eng.uci.edu

**University of Colorado Boulder**
- sharon.powers@colorado.edu
- colorado.edu/engineering/balsells

**University of Colorado Colorado Springs**
- balsells@uccs.edu
- www.uccs.edu/eas/academics/balsells.html

**University of California, Davis**
- eelewis@ucdavis.edu
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
- CU-Boulder: colorado.edu/engineering/balsells
- UCCS: www.uccs.edu/eas/academics/balsellsmobility.html
- UC Davis: Associate Dean Susan Ebler at 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
  – 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

Questions?