

An aerial photograph of the University of Colorado Boulder campus. In the foreground, there are several large, multi-story brick buildings with red-tiled roofs. A large green field, likely a sports field, is visible in the lower left. In the background, there are large, rugged mountains with patches of green vegetation and rocky outcrops under a clear blue sky.

Europe-Colorado and Balsells Programs

Professor Robert Davis



University of Colorado
Boulder

What to do after graduation?

- Get a job

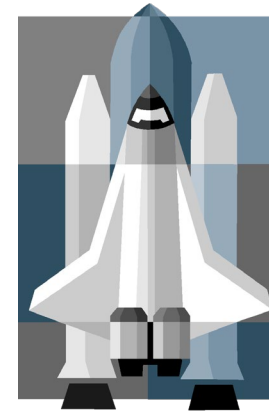
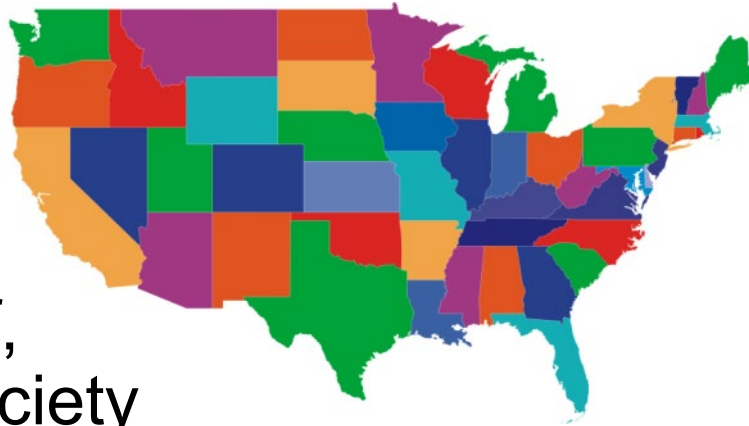


- Learn more, become an expert and **leader** in your field



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



Historical Perspective

The Balsells Fellowship (1996-present)

Pete Balsells



Historical Balsells funding discontinued after 2019-2020 school year, but other funds allow programs to continue at UC Irvine and CU Boulder.



University of Colorado **Boulder**

Balsells Fellows at CU Boulder



**52 MS and PhD
fellows
54 mobility
fellows**



**Catalan Universities:
UAB, UB, UdG, UdL, UPC, UPF, URL, URV**



University of Colorado **Boulder**

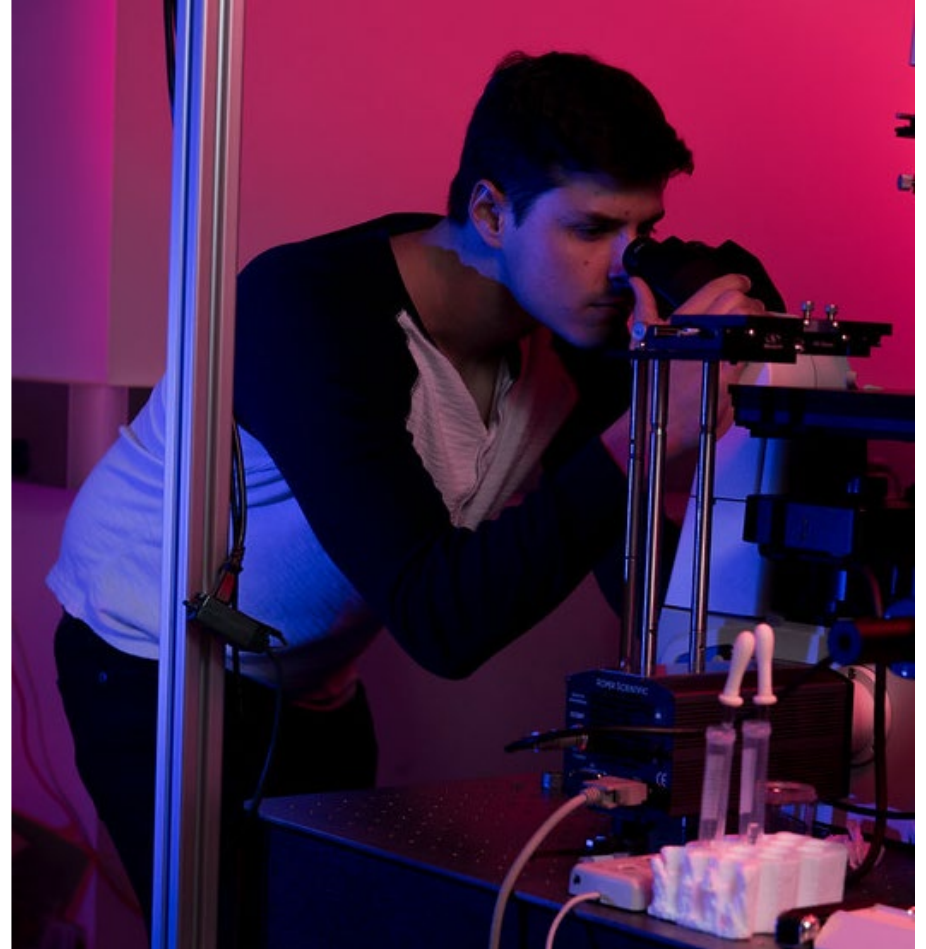
Student Opportunities

Mobility Program

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

Graduate Studies

Long-term visits to obtain Master's degree (1.5 - 2 years) and/or PhD degree (4 - 5 years).



From Europe to 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
- 34,975 students
- 5 Nobel Prize Winners
- 8 Schools & Colleges



- Europe-Colorado Program started in 2020
- Special strengths in aerospace, bioengineering, chemical, civil, computer, electrical/telecom, environmental, 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

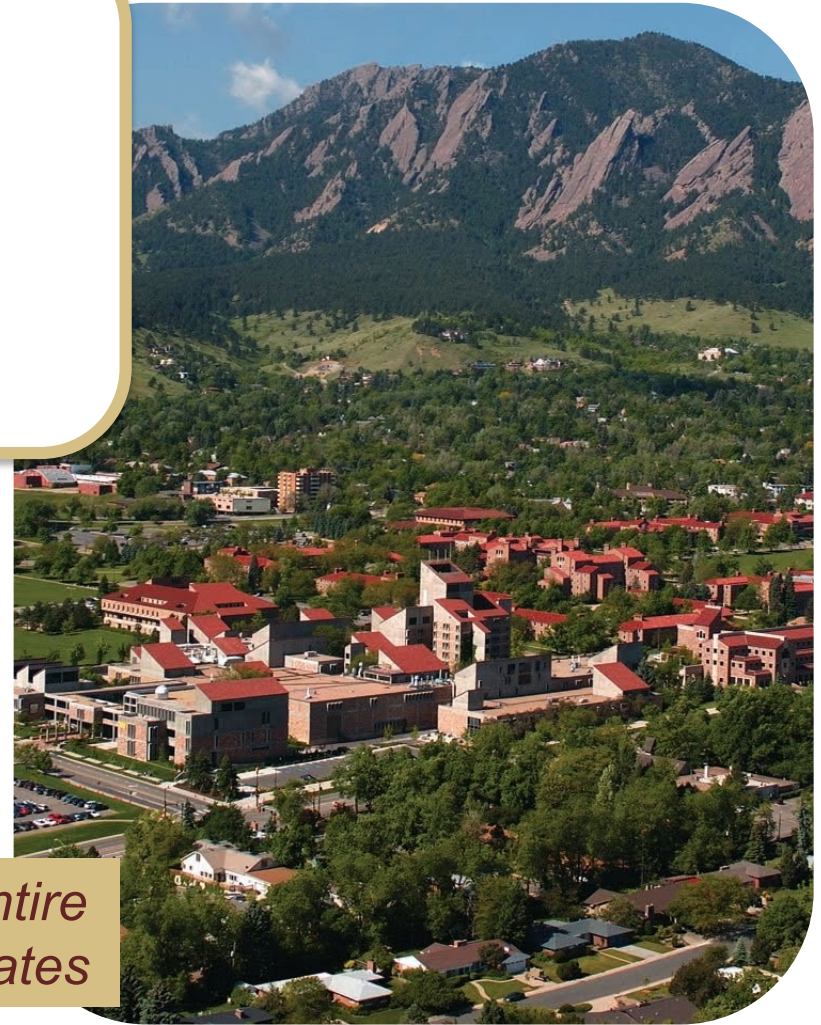
5,489 undergraduates

2,127 graduate students

342 faculty members

colorado.edu/engineering

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



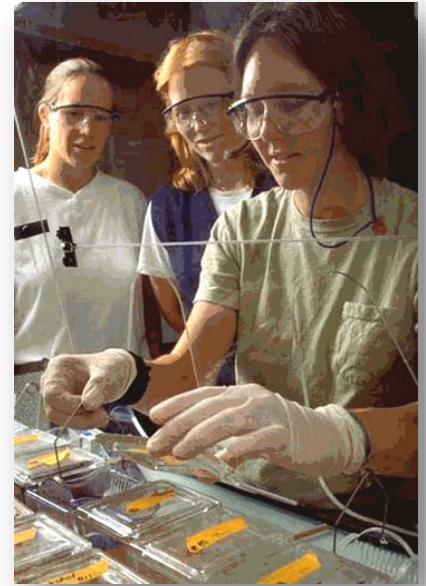
University of Colorado **Boulder**

Mobility Program

- Undergraduates or master's students
- Undertake final project or master's thesis typically for one term (4-6 months) CU Boulder
- Partial funding provided (up to \$5,500)
- **Great way to explore returning for graduate study!**

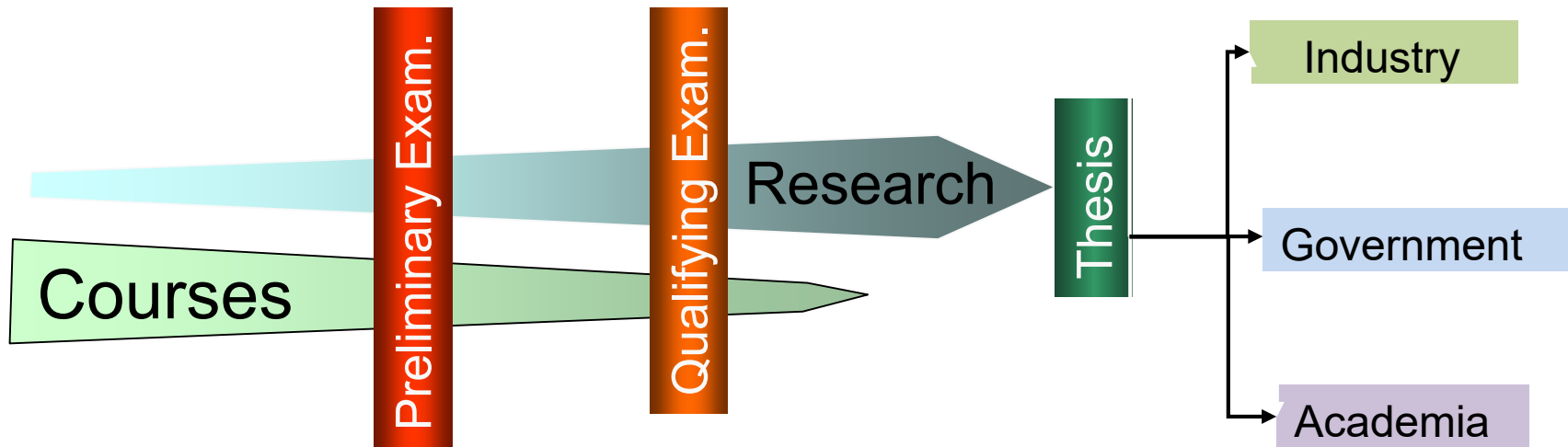
Please visit the following website for more information (deadline 1 March):

<https://www.colorado.edu/engineering-international/europe-colorado-program>



Graduate Program

M.S.: 1.5-2 years; Ph.D.: 4-5 years total (including MS)



Graduate student support typically includes:

- Research & teaching assistantships available for students seeking a PhD
- Monthly stipend: **\$2,500 to \$2,750 per month, approximately**
- Tuition & Insurance: **\$30,000 to \$36,000 per year, approximately**
- Partial funding through the Balsells Program available for Catalan students
- See website above for more information (deadline 1 December)



Timeline for Graduate Application

For undergraduate students currently in their 4th year or
M.S. students in their final year

What	When
This presentation	Nov 2020
Take English exam or conduct virtual interview.....	Nov/Dec 2020
Complete graduate application.....	Dec 2020
Admissions & funding decision by the university.....	Feb/Mar 2021
Fall term of graduate school starts.....	Aug 2021



Student Profile: From Cataluña to Colorado



Oscar Fuentes Muñoz

- Received BS in Aerospace Engineering from Universitat Politècnica de Catalunya Terrassa
- Came to CU Boulder in Spring 2017 to complete TFG (Bachelor's Thesis) with the Balsells Mobility Program
- Awarded the Balsells Fellowship and received Master's Degree in 2019
- **Currently a PhD student at CU Boulder researching astrodynamics (extremely long-term asteroid propagation)**



Student Profile: From Italy to Colorado



Ilaria Angelini

- Received BS in Chemistry from University of Rome Tor Vergata
- Awarded the Europe-Colorado Mobility Scholarship
- Currently completing Master's Thesis at CU Boulder in Biomedical Engineering
- Her research project is about Ultrasound Molecular Imaging, studying how size-isolated microbubbles can be targeted with different ultrasound frequencies
- **Plans to begin PhD at CU Boulder Fall 2021**



Thank you! Any Questions?

For additional information please contact:

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colorado.edu/engineering-international/europe-colorado-program



University of Colorado **Boulder**