

An aerial photograph of the University of Colorado Boulder campus. The foreground shows 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 rolling green hills and large, rugged mountains under a clear blue sky. The text "Europe-Colorado Balsells Program" is overlaid in a white box across the middle of the image.

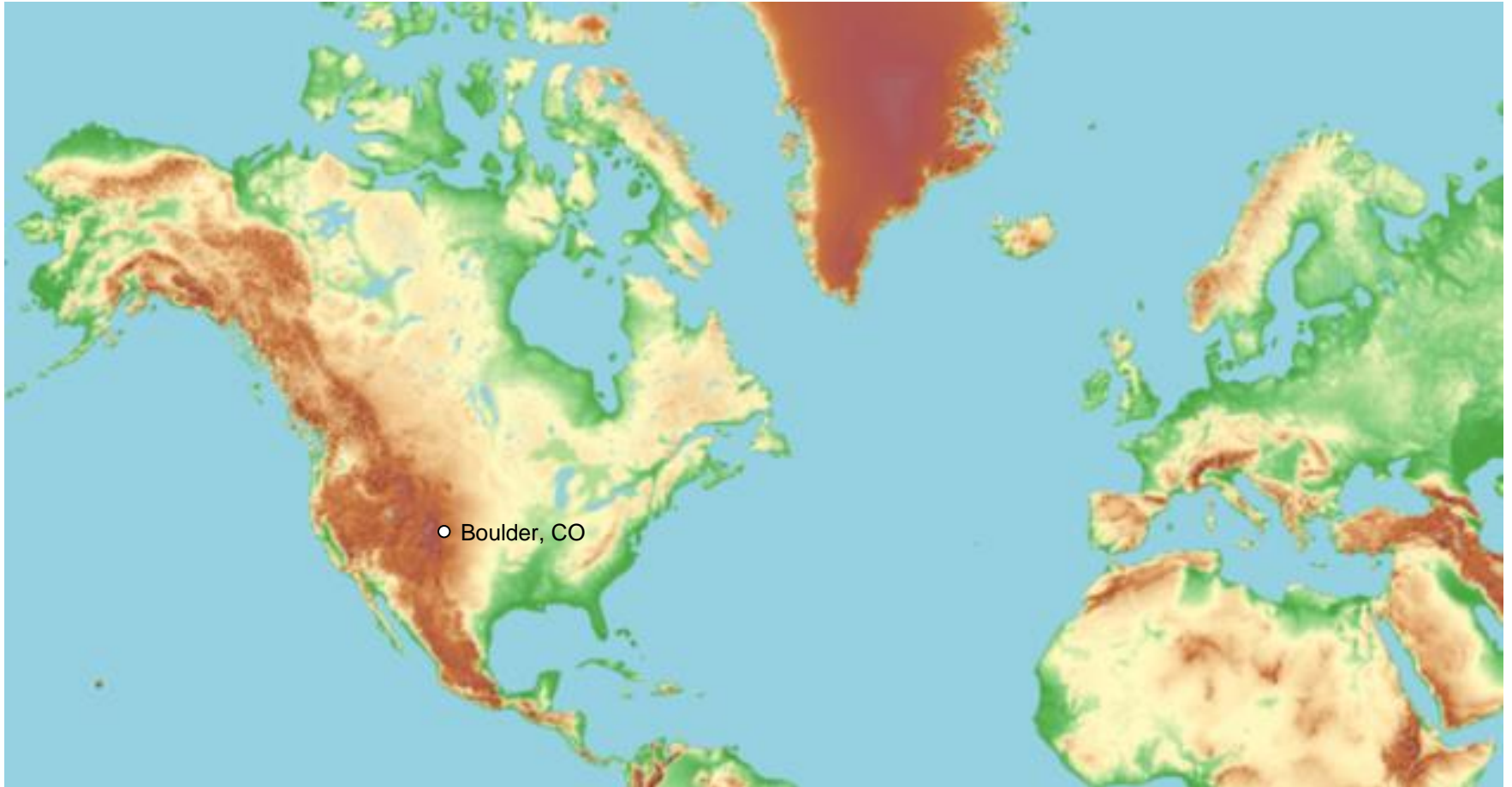
Europe-Colorado Balsells Program

Professor Robert Davis and Britta Bergstrom



University of Colorado
Boulder

From Europe to Colorado



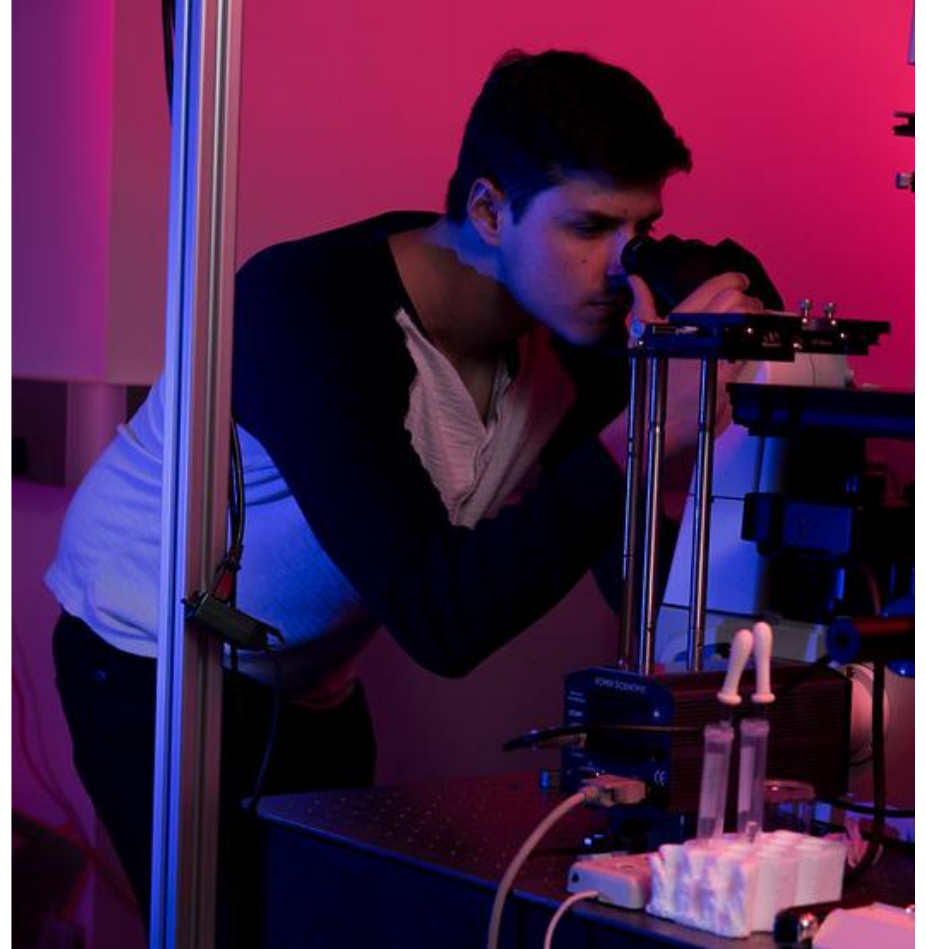
Two Student Opportunities

Mobility Program

Short-term visits to Colorado 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 Study

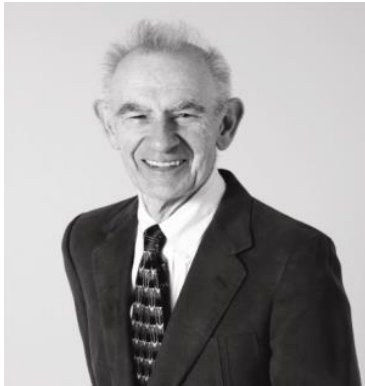
Long-term visits to obtain Master's degree (1.5 - 2 years) and/or PhD degree (4 - 5 years, including Master's).



Historical Perspective

The Balsells Fellowship (1996-present)

Pete Balsells



1928 - 2022



UNIVERSITY of
CALIFORNIA
IRVINE



University of Colorado
Boulder



Europe-Colorado (EC) Program (2020-present)

Expanded opportunities for students from any European country



University of Colorado **Boulder**



- 110,000 people
- 1,655 m elevation
- 40 km from Denver
- 300 days of sunshine per year
- Recreation
- Culture



Boulder: Summer and Winter



Europe-Colorado Community Events



University of Colorado Boulder

- Founded 1876
- 36,000 students
- 5 Nobel Prize Winners
- 8 Schools & Colleges

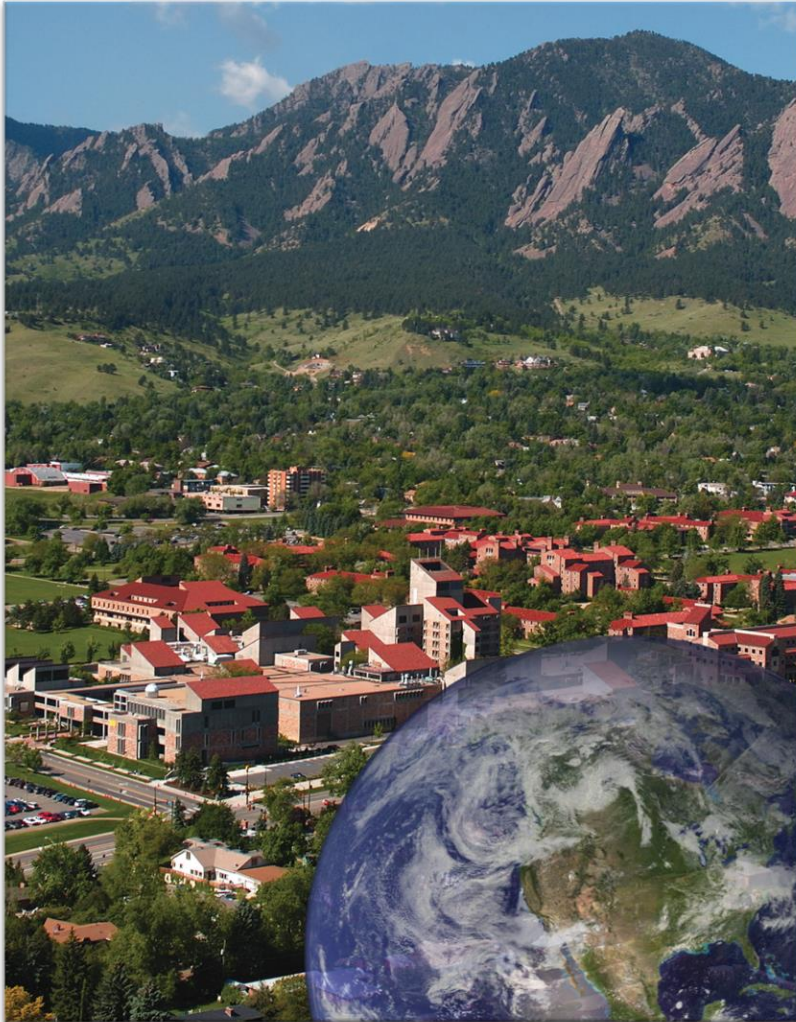


College of Engineering & Applied Science

- 9,000 students
- Top ranking in region
- 9 departments/programs



CU Engineering Excellence



World-class expertise:

- Aerospace
- Computing
- Energy/Env. Sustainability
- Health/Bioengineering
- Materials

Top-10 public rankings:

- #5 Aerospace Engineering
- #9 Environmental Engineering
- #10 Chem Eng, Civil Eng

Ties to Industry/National Labs



Mobility Program

- Undergraduates or master's students
- Undertake final project or master's thesis for one term (4-6 months) at CU Boulder
- Partial funding provided (up to \$6,000)
- **Explore research interests and the possibility of returning for graduate study!**



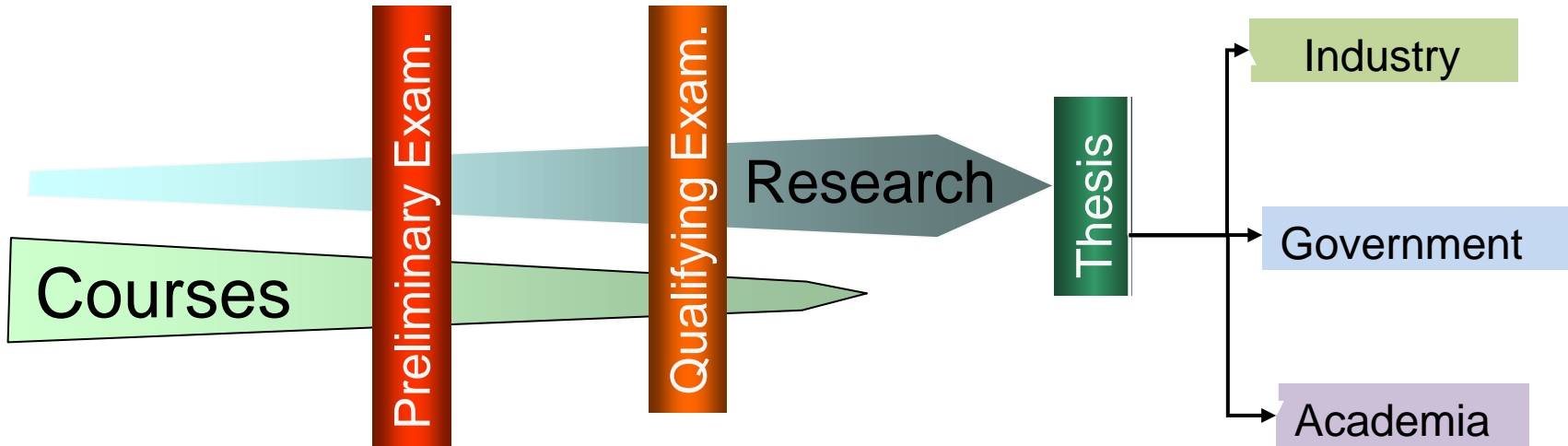
Please visit the following website for more information (it is recommended that you apply by 15 March for the next school year):

<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: **approximately \$36,000 per year (\$3,000 per month)**
- Tuition & Insurance: **approximately \$40,000 per year**
- Travel funding through the Balsells Program available for Catalan students
- See website in previous slide for more information **(deadline 1 December)**



Special Opportunity for Dual Master's



- UPC ESEIAAT (Terrassa) & CU Boulder Aerospace
- First year in Terrassa
- Second year in Boulder
- Thesis and some coursework counted at both universities
- Funding available for second year if continuing for PhD at CU Boulder



Balsells & EC Fellows at CU Boulder



**59 MS and PhD
fellows
101 mobility
fellows**



Countries represented to-date:

Spain, Netherlands, Italy, Ireland, Germany, Hungary, France



University of Colorado **Boulder**

Student Profile: From Catalunya 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 and PhD in 2023 studying astrodynamics
- **Currently a postdoc at NASA's Jet Propulsion Lab in California**



Student Profile: From Ireland to Colorado



Aoife Henry

- Received BS in Electrical Engineering from University College Dublin and MS in Energy Science and Technology from ETH Zurich
- Awarded the Europe-Colorado Mobility Scholarship to complete her MS thesis at CU Boulder
- **Currently a PhD student at CU Boulder in Electrical, Computer & Energy Engineering researching wind turbines**



Student Profile: From UPC North to Colorado



Ulises Techera

- Received BS-MS in Civil Engineering at Univ. Politècnica de Catalunya
- Came to Boulder as a Balsells Fellow and completed PhD in Civil Engineering
- **Currently a Teaching Assistant Professor at Colorado Mesa University/University of Colorado Partnership Program**





One student's experience



Thank you!

For additional information please contact:
brittany.bergstrom@colorado.edu
colorado.edu/engineering-international/europe-colorado-program



Chemical & Biological Engineering at CU

Two choices for PhD:

- Chemical Engineering
- Biological Engineering

Research Expertise:

- Biomaterials/biotechnology
- Energy & sustainability
- Polymers & soft materials

Students:

- 340 ugrad, 165 grad
- 47% female, 53% male



Student Profile: From UPC South to Colorado



Victor Crespo Cuevas

- Received BS in Industrial Engineering from Escola Tècnica Superior d'Enginyeria Industrial de Barcelona (ETSEIB) at the Univ. Politècnica de Catalunya
- Came to Boulder as a mobility student for his M.S. project
- Returned to Boulder and finished his PhD in Mechanical Engineering in 2023
- **Currently a Senior Research Engineer at 3M Corporation in Colorado**

Student Profile: From Tarragona to Colorado



Rocio Navarro Vázquez

- Received BS and MS degrees in Chemical Engineering from Universitat Rovira i Virgili
- Came to Boulder in 2015 to complete MS thesis with the Balsells Mobility Program
- Awarded Balsells Fellowship and completed PhD degree in 2020
- **Currently a Microfluidics Engineer with Chronus Health in California**



Student Profile: From Barcelona to Colorado



Aina Solsona Pujol

- Received BS degree in chemistry from the University of Barcelona
- Came to Boulder in Spring 2023 to do final project through the Europe-Colorado Mobility Program
- **Currently a PhD student in Biological Engineering at the University of Colorado as a Balsells Fellow**

