UC Davis was recently designated as a lead host U.S. university in a major initiative focused on STEM (Science, Technology, Engineering and Mathematics) fields sponsored by the Brazilian government. Brazilian faculty, postdoctoral researchers, graduate students, and undergraduate students will conduct research and study at the top universities in the world.

The UC Davis Extension Center for International Education manages the visiting undergraduate students from Brazil’s Science Without Borders Program for six to twelve months on a non-degree basis in STEM fields. Since the program launched in January 2012, UC Davis has hosted nearly 50 undergraduate students from Brazil and is the most popular destination for Brazilian undergraduates of all U.S. universities.

According to the report, 1,954 Brazilian undergraduate scholarship students have been placed at 238 U.S. host institutions in 46 U.S. states as of the fall 2012 semester. The program is projected to enroll 2,500 students per academic year for the next five years of the program.

Nearly three-fourths (71 percent) of the students are enrolled in engineering and computer science courses, specifically in mechanical engineering, electrical engineering, computer sciences, industrial engineering, and chemical engineering.

The top five U.S. host states are: California, New York, Michigan, Illinois, and Ohio.

The top five U.S. host institutions are University of California, Davis, University of Nebraska, Lincoln, Iowa State University, University of Colorado, Boulder, University of Illinois at Urbana, Champaign, and Western Michigan University, each hosting more than 30 Brazilian undergraduate scholarship students.

“UC Davis is the most cooperative and efficient institution I have worked with on the Brazil Scientific Mobility Program. UC Davis should serve as the model for how U.S. universities can successfully host large numbers of students to maintain the U.S. as the leading host country for this program.”

-Edward Monks, Director

Institute of International Education

2012 STUDENT RESEARCHERS

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<th>Faculty Mentor</th>
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<td>Paulo Lucena Kreppel Paes</td>
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<td>Cornelis Van Dam</td>
<td>Guilherme Miranda Moresco</td>
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<td>Paul Erickson</td>
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<td>Ricardo Castro</td>
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<td>FEI</td>
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<td>Elizabeth Maga</td>
<td>Claudia Regina Appio Duarte</td>
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<td>Frank Milloehner</td>
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<td>Andreas Baumler</td>
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<td>Renee Tsolis</td>
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<td>Eduardo Blumwald</td>
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<td>Cassandra Tucker</td>
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<td>Vladimir Filkov</td>
<td>Tarciso Braz de Oliveira Filho</td>
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<td>Prasant Mohapatra</td>
<td>Amanda Micoski Lins</td>
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<tr>
<td>Walter Leal</td>
<td>Bianca Carbogim Soares</td>
<td>Universidade Federal Rural do Rio de Janeiro</td>
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SCIENCE WITHOUT BORDERS: BY THE NUMBERS

1

Ranking of UC Davis among all U.S. institutions in the number of Brazilian undergraduates hosted in the Science Without Borders program, Institute of International Education

16

Brazilian student researchers in 2012

15

UC Davis faculty mentors in 2012

48

Number of Brazilian undergraduates hosted in 2012

3.27

Cumulative GPA of Brazilian students on a 4.0 scale
**Student Testimonials**

**Flavia Yamakawa**

**Animal Science**

There are some unique opportunities in life that we cannot miss. Science Without Borders is one of them; it provides Brazilian students all the tools required for an excellent experience living abroad.

With Science Without Borders I had the chance to get to know one of the best universities in U.S., UC Davis.

First, the campus is fantastic! It’s impossible not to be amazed by how big and organized it is; professors are prepared and highly qualified and the students focused. During these six months that I lived in Davis I improved my English skills, had the privilege of living with people from all cultures and learned new lab techniques that I brought back to my home university. Also, these few months as an Animal Science student helped me to choose my future career after graduating.

It was for sure the best experience of my life!*

**Isabella Oliveira da Cunha Hines**

**Environmental Management**

When I found out I was going to the small town of Davis, California, I immediately got excited. UC Davis is known for its excellent Environmental studies program as well as its Earth Sciences, Geology, Conservational Biology and Astronomy departments.

One of the many highlights of my time spent abroad was my program at Bodega Marine Laboratory this last summer. Living 24/7 in the research and learning process along with the great deal of fieldwork made my time in Bodega unforgettable. The sense of accomplishment after presenting my 8-week research project in front of an audience composed of friends, professors, and scientists, and in a language that is not my mother tongue was extremely rewarding.

I lived intensely during my year abroad, taking every opportunity to study hard, meet people, experience the culture and explore new places during the breaks. If family and friends were missed back home, the freshness of the morning air when biking in Davis helped make it better.

Studying abroad is a challenge, but a very rewarding one. I embraced my adventurous spirit and ended up having one of the best times of my life.

**Tarciso Oliveira**

**Computer Science**

I always wanted to go to the U.S., and studying in an American university was an even greater idea.

During my time at UC Davis, I did research in computer science on the following theme: How do ideas spread in the scientific community? We analyzed millions of papers using data mining approaches with computer scripts. In order to do it, I had to learn how to deal with new technologies and develop skills which are surely going to be important for my future as a student or as a professional.

The experience was extremely enriching for my life academically and personally.

**Felipe Fadel Sartori**

**Plant Pathology**

Studying abroad was my dream since I entered college and making this dream come true here at UC Davis couldn’t be better. Here I have a completely different routine and academic life. Spending this year at UC Davis will help me to improve my English, face different situations and gain experience out of my country.

Two of the most amazing things that will change my life are the contact with the diversity that UC Davis has and the network that I can have with important professors and researchers of my area.

As I arrived here at UC Davis, my first goal was involve myself with important researchers of my specific area of study. This kind of opportunity is really helpful when you arrive at a new place because you get in touch with your field of study, with real problems of the region and you are able to face things that you are not used to.

I can already see many changes in my life that certainly will help me throughout my academic life in Brazil. Some of them are the improvement of my English, experience of life, network, working group experience, creativity and knowledge.

**Allex de Souza Cabral**

**Chemical Engineering**

The Science Without Borders program gave the chance to go to United States to study which was a dream that I never thought that would be realized so soon.

Thanks to this program, I studied my major in a different point of view and enhanced my abilities in English too; I didn’t speak English before this program. I also had the chance to conduct research. I still have a lot to learn, but now I can use this knowledge I gained at Davis in my home university, in my country and with this I can also help my family.

Science Without Borders is a priceless experience beyond the academic knowledge. I met new friends, new cultures; I learned how to interact with people, how to solve my own problems, how to be a better person, so beside everything that the college taught me, this program help me to grow up. I am grateful for this program for every single thing I learned and for my friends and the Global Study Program for helping me in this journey.