



# the GREEN Wave

Volume 2, Issue 3

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## CSULB Energy Savers Awarded for Energy Competition

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*Green Campus Program is a student-led outreach program designed to educate the campus about energy efficiency.*



The Green Campus interns award the trophy to the two stakeholders of Housing and Residential Life (pictured to the left).



Team Manager Felix Navarrete unveils the trophy to VP of Finance Mary Stephens.

The CSULB Forty-Niners beating the CSUF Titans in the Residential Life energy competition is yesterday's news. This month long competition between the two schools held the purpose of saving energy, water, and natural gas. The competition may have been friendly, but it was not cheap...at least for Fullerton. At the start of the competition, each Green Campus team put a \$200 wager into the competition

so that that the winning school would receive their deserved prize. CSULB interns used their \$200 winnings to award Housing and Residential Life with a trophy recognizing their achievements, and the residential students with a foosball table. The foosball table was placed in RLC because they saved the most energy, water, and natural gas during the competition.

The CSULB Green Campus interns would like to thank the Housing and Residential Life staff for their support and the CSULB Residential Life students for their participation. Looking forward to the next Residential Life energy competition in Spring 2013!

### First Green Campus Club Meeting of the Spring Semester

**Date:** Wednesday, February 8th  
**Time:** 12:30  
**Room:** USU- 307



# Lighting Retrofit in the Japanese Garden

The Green Campus Program interns are excited to start up a new project that will actualize energy savings with their beloved stakeholders in the Japanese Garden.

The Japanese Garden came to the interns at the end of fall 2011 semester to team up for a lighting retrofit project to make their garden more sustainable. The lighting retrofit has the potential to save a lot of energy and money through rebates with the UC/CSU IOU Program that will give the Japanese Gardens \$.24 for every kilowatt hour saved versus the Southern California Edison program that only gives commercial settings \$.10.

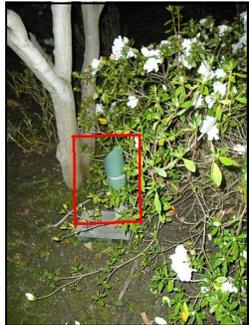
The Green Campus interns and the Japanese Garden are looking for lights that have the highest demand to be replaced such as broken, flickering or downright inefficient lighting. The garden hopes to keep warm toned lights in the garden to keep the "moonlight" atmospheric setting, which means L.E.D (light-emitting diodes) will most likely be placed in the pathways, the courtyard and areas that light up the many different trees. The garden hopes to complete this project by April, which is the beginning of their wedding season. With the help of the CSULB Energy and Sustainability Manager Paul Wingco, the interns hope to find many rebates and lighting alternatives that will help the garden save energy and leave a bigger Green Campus footprint on the greater CSULB campus.



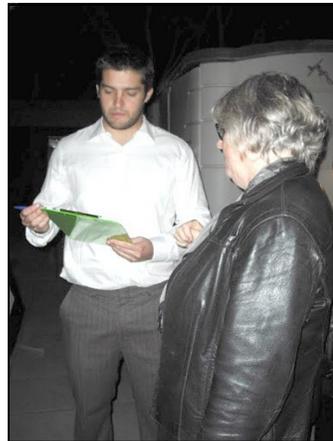
Japanese Garden Director Jeanette Schelin shows intern Brianna Pagan where she would like to replace lighting.



Team Manager Felix Navarrete checks a light for efficiency in the garden.



These three lights are examples of the types of lights that the garden wishes to replace for efficiency.



Team Manager Felix Navarrete and JG Director Jeanette Schelin discuss the lights with the greatest demand to be replaced.

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or

Check out our website: csulbgreencampus.com



## The Green Campus Program Welcomes New For-Credit Interns

### Meet Alben:

Hey 49ers! My name is Alben Phung and I am one of the for-credit interns at CSULB's Green Campus program. I am of Chinese ethnicity, born and raised in the beautiful state of California. I can speak Cantonese, but I cannot read or write in Chinese because it is far too difficult!

This spring semester marks my fourth year here as an undergraduate student. Originally a Communications major, I switched my major to Environmental Science & Policy after taking a couple of geology and geography courses and made Communications my minor. I fell in love with learning about the natural environment and became more aware of how humans can desiccate such beauty. Outside of school I really enjoy running. Through the stresses of work and school I find that running is really soothing. I also enjoy playing basketball even though I am not very good at it. I love eating junk food and I think I should not eat so much of it but it is just so delicious!

I am very excited to intern with Green Campus and work with the staff there. I truly believe that to make a difference the efforts begin at the smallest and simplest stages. With the projects that Green Campus gets involved in I believe that we can make a difference one semester at a time! Let the fun begin!



### Meet Aliya:



Hi! My name is Aliya Wishner, and I am a new for-credit intern with Green Campus. I was born in San Francisco, where I first acquired an interest in and respect for nature and the local environment. When my family relocated to Long Beach, this interest turned into passion. Here I witnessed profitable organizations such as the Port of Long Beach begin to develop an environmental consciousness and implement more sustainable practices. This helped inspire my future career aspiration to foster the relationship between commerce and conservation through sustainability consulting.

Currently, I am a Business and Environmental Science and Policy student at CSULB. Since beginning these courses, I have gained additional experience by campaigning against Proposition 23 on the California Ballot in Fall 2010, working for Environment California, and volunteering at the Aquarium of the Pacific. I spent this past Fall studying in London, where I interned at the Campaign to Protect Rural England, a British organization focused on environmental planning policy.

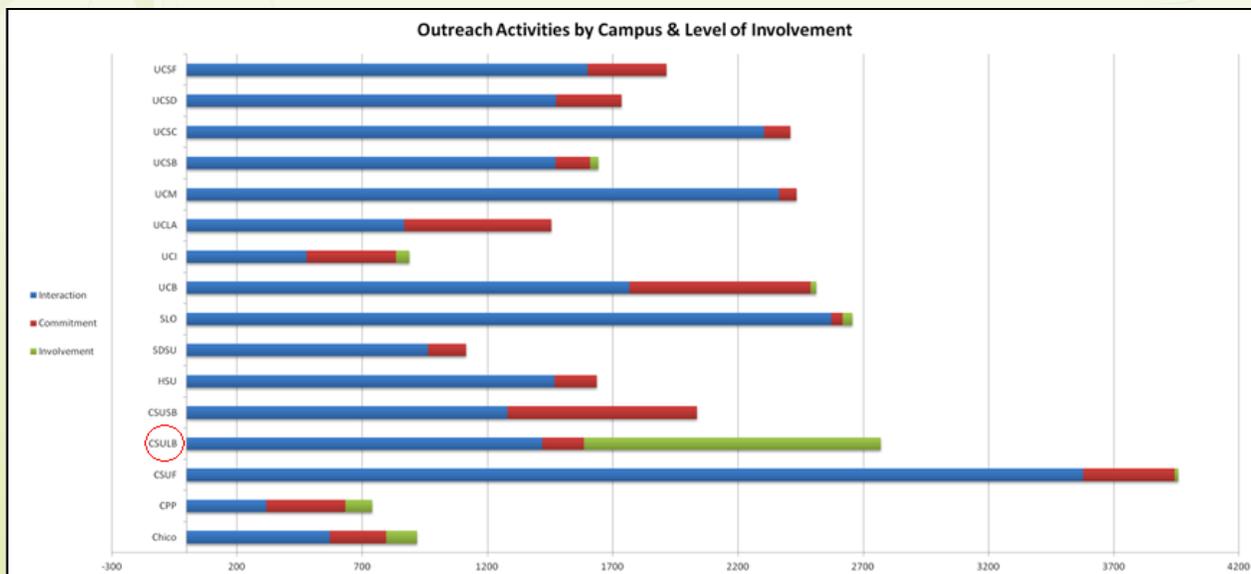
Outside of my career pursuits I enjoy traveling, hiking, and pretty much any activity that involves water! As such, I was a competitive diver for eight years, and my favorite place to be is the beach. I love nature, and welcome any activity that keeps me outdoors.

I'm very excited to be a new member of the team, and I look forward to the challenge of helping CSULB become a more sustainable campus!



## 2011 End of the Year Metrics

The CSULB Green Campus interns finished off the 2011 year with much to show for! Each year and semester the interns have certain goals to reach through outreach numbers, actual savings, academic infusion and incorporating green careers within CSULB. Thanks to projects such as the installation of new motion sensor powerstrips around the campus and the completion of the HOB0 meter audit, CSULB Green Campus program exceeded the required savings of 80,000 kwh by saving an incredible 2,562,128 kwh! This is equivalent to saving the school \$281,032 and reducing the carbon footprint by 1,747,463.5 pounds. The team also aims to reach out to at least 750 students a semester, yet the team managed to interact with 3,035 CSULB students, faculty and staff! The interns hope to continue their success throughout the year of 2012 and break even more team records for saving energy and educating fellow campus members.



This graph demonstrates the metrics by each campus involved in the Green Campus Program. CSULB is represented fourth from last. As the graph shows, CSULB was just second from beating out CSU Fullerton from level of outreach altogether, but CSULB won for greatest number of involvement of students out of all 16 campuses!

## Green Office Certification Updates

CSULB's faculty and staff are dominating the brand new Green Office Certification program. Right before students kicked off the much needed winter break, Erica Miller, a manager of one of the 49er shops Starbucks achieved the unprecedented and evasive platinum certification level. This award highlights exactly what type of office the calculator deems as the highest level of sustainability. Note-worthy differences between Ms. Miller's office and other offices are the use of energy star appliances to changing simple computer settings like double sided print and a 5-minute sleep mode timer. With the first successful platinum office, the Green Campus interns hope this lights a fire for more ambitious offices to not only participate, but excel as well!

## Goodbye and Thank You to Allie Bussjaeger



Graduating intern Allie Bussjaeger wonders if this confetti is from 100% recycled materials?

If you asked the ES&P department, ASI, faculty or staff on campus if they knew an Allie Bussjaeger, they may have said “no.” However, if you asked those same people if they knew that red haired girl who is extremely passionate about the environment- they would say “yes” and ask you how she is doing.

Allie was the first Green Campus intern at CSULB and was the team manager for just under two years. She assembled a team of students and turned them into the Green Campus interns. During her time as team manager the Green Campus interns saved energy and spread energy awareness via countless projects including: the

Residential Life energy competition, green career panels, I heart green careers campaign, sustainable workshops, green office certification, the HOBOMeter project, the energy star vending machine exchange, and Soarin’ over the Japanese Garden. Allie led the team with diligence and a great work ethic that established a prominent name for the Green Campus interns at CSULB.

Allie led by example and motivated everyone around her to work to their potential. The Green Campus Program at CSULB would not have been as successful without her. Her passion and work ethic towards sustainability will continue to be seen through the interns that she managed. Thank you Allie Bussjaeger for all your efforts towards making CSULB more sustainable and widening the door for students to make a difference on their campus. The Green Campus Program wishes you the best of luck at your new job as Programs and Outreach Coordinator at Grades of Green.

## Meet the Interns

**Team Manager**  
Felix Navarrete

**Treasurer**  
Jeremy Broad

**Project Coordinator**  
Brianna Pagan

**Public Relations**  
Kaylee Weatherly

**For-credit Interns**  
Alben Phung  
Aliya Wishner



## Green Office Certification

One more CSULB office just received a green office certification :

**Erica Miller, a 49er Shop’s manager received Platinum! Congratulations!**

If any office is interested in becoming Green Office Certified, please contact the interns at:

[csulbgreencampus@gmail.com](mailto:csulbgreencampus@gmail.com)