



ENGINEERS WITHOUT BORDERS- UNIVERSITY OF ARIZONA

EWB-UA.ORG

SPRING 2015

INTRODUCTION:

As we wrap up another exciting year, EWB-UA would like to share with you the strides we have made. After a long year of hard work from our members and supporters, we have successfully obtained several grants, held five skill-building



workshops, hosted our annual fundraisers Noche Boliviana and Frisbees Without Borders, and volunteered with the Tucson community. Additionally, we have volunteered at our school's Spring Fling fair, and we have won second place in E-Week. We would like to thank you for all your support and contributions to making our chapter so successful, and update you on what we have accomplished this year.

PROJECT UPDATE

Our current sanitation project in Marquirivi, Bolivia focuses on sustainable design and the implementation of communal showers and family owned latrines, with emphasis on instructing the community in construction technology and health education. We are going on an implementation trip for the latrines on May 26th- June 9th, 2015.

FAST FACTS:

- Community Elevation
14,000 ft
- 300 residents
- Solar water heating shower
- 54 Ventilated Improved Pit Latrines
- For more info visit
ewb-ua.org



WORKSHOPS

In order to better prepare for the implementation trip this summer, our professionals and project managers organized and participated in five workshops: soil characterization; land surveying; concrete mixing and slab formation; pit digging and brick laying; and finally superstructure assembly. These

workshops gave our chapter members hands-on experience and guidance from experts that culminated in a fully built latrine at the Campus Agriculture Center. We plan to continue developing useful skills next year with more workshops in SolidWorks and other useful skills.



The best night of the year, Noche Boliviana was a resounding success. With a silent auction (that included a Mexico vacation), flamenco music, and tapas, our outreach efforts paid off with a total profit over 5,000 dollars. Thank you to all the corporate and individual sponsors who supported this fantastic event and our project. We are excited to make this event a tradition and hope you join us next year as we try to outdo ourselves once more.

NOCHE BOLIVIANA



SPRINGFLING

In the most anticipated weekend of the Spring semester, we once again enjoyed the carnival worker's life and spent over 50 hours squeezing lemons to provide lemonade to the masses of Tucson at the Nation's biggest student-run carnival. As in past years, we were incredibly excited to participate in this event and bond with each other while raising money for our organization the old fashioned way. Be sure to see us next year when we will once again be transforming lemon juice, sugar, and water into the best lemonade ever.

FRISBEE WITHOUT BORDERS



In an event highly supported and organized by our newest members, we are proud to say that we had 8 teams participate in our annual tournament with over 200 dollars in sponsored prizes and over 400 dollars in profit. With tie-dye, Egees, Jimmy Johns, some friendly competition, and countless hours of fun, FWB 2014 will go down as another triumph in EWB-UA history. And as anyone can tell you, it's not Fall until Frisbee Without Borders is held.

ENGINEERS WEEK

With active participation in Engineers Week, we were able to win second place against the College of Engineering's most competitive clubs, placing first in many events such as the food drive and Rube-Goldberg. Thank you all for participating and proving for the third year in a row that we have some of the most dedicated and talented members in the College of Engineering.



CONCLUSION

With another successful academic year and an even more exciting one in the future, we would like to thank you for all your support and contribution. Without you, we could not do the things we love and we are ever grateful that you continue to stick with us through it all. We are excited to continue changing the world, one project at a time, and hope you stay tuned for all the new adventures that our organization is about to embark on.

Best,

Nikitha Ramohalli

President EWB-UA (2015-2016)

GRADUATING MEMBERS MAY 2015

VICKY
KARANIKOLA



Civil and Environmental Engineer, Vicky Karanikola has been one of the most active members of EWB-UA for over two years. As Co-Project Manager for two years, she effectively split the project into two parts and garnered much professional support for our implementation. She has been on two travel trips and presented at countless conferences. We know without her, we would not be as far as we are today. We wish her luck in her future endeavors and know she will continue to be a valuable asset wherever she goes next.



CODY
PEDERSON

Electrical Engineer, Cody Pederson has been a part of EWB-UA for over three years, serving as Secretary and President. His leadership resulted in a brand new sophisticated website, a second place e-week win, and successful undergraduate recruitment and retention. We are thrilled that he will be assuming the role of EWB-USA Arizona State Representative for the 2015-2016 academic year. We would like to congratulate him on his acceptance of a position at Honeywell and wish him buena suerte as he embarks on this next chapter.

TIANNA
BENSON



LIZZIE GREENE

Systems Engineer, Lizzie Greene has been a part of EWB-UA and EWB Phoenix Professionals for over four years. Serving as Project Manger and EWB Arizona State Rep, she was instrumental in the success of the club and its communication with the national organization. We appreciate the amount of enthusiasm you have brought to our events and activities and wish you the best at John Deere, where we are sure you will excel.



Biomedical Engineer, Tianna (Ti) Benson has contributed an invaluable amount to EWB-UA. Serving as Volunteer Chair, ESC Rep, and Co-Project Manager in her over three years as a member, Ti Benson is a key factor in our accomplishments as a club. She has traveled on the shower implementation trip and will be leading the latrine implementation trip this May. Congratulations on your awe-inspiring college career and we know that you will continue to achieve great heights in whatever you do.

FOR MORE INFORMATION

- See ewb-ua.org for upcoming events
- Like us on facebook at Engineers Without Borders-University of Arizona
- Follow us on twitter at [@ewb-ua](https://twitter.com/ewb-ua)

ADDITIONAL INFORMATION

o OFFICERS 2014-2015

CODY PEDERSON

President

VICKY KARANIKOLA

Co-Project Manager

TIANNA BENSON

Co-Project Manager

KRISTINA RIVERA

Internal Vice President

JAKE GARAN

External Vice President

LUKE YARNALL

Treasurer

LAUREN CHON-LOPEZ

Secretary

LIZZIE GREENE

EWB-USA Arizona State Rep

ALANYEH

Engineering Student Council Rep



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NIKITHARAMOHALLI

President

NORMAN VILLAGOMEZ

Co-Project Manager

DAN SERWON

Co-Project Manager

AARON WOODWARD

Internal Vice President

LUKE YARNALL

External Vice President

KRISTINA RIVERA

Treasurer

JAKE GARAN

Secretary

SARAH MOORE

EWB-USA Mountain Region Secretary

ACKNOWLEDGEMENTS

THANK YOU TO ALL OUR SPONSORS INCLUDING:

- Schlesinger Consulting Engineering,
- Westland Resources,
- Tucson Electric Power
- Boeing
- Rotary Club
- University of Arizona
- UA College of Engineering
- Casa Vicente
- ...and many others

THANK YOU TO OUR IN-COUNTRY PARTNERS:

- Engineers in Action
- Rotary Club,