

## Engineering Abroad Group - January 2014



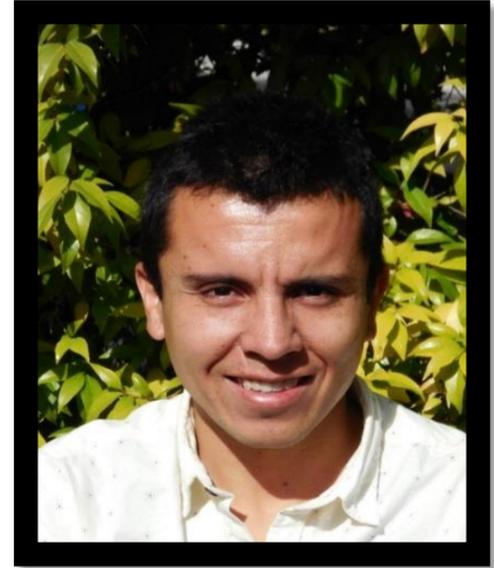
Tom Dahl

Tom Dahl is a Mechanical Engineer major from Los Gatos who is transferring in fall 2014. He is a math tutor at Cabrillo's Math Learning Center. In his free time he enjoys fishing, backpacking, snowboarding, and attending concerts. He is ingenious (like a fox!) and likes puppies.



Hayley Graves

I am a 41 year old returning student who graduated from trade school as an electrician in 2005 and return to it from time to time to pay the bills. However, my end goal is to get a degree in Mechanical Engineering and work on micro-hydro and water filtration systems in impoverished communities.



Santiago Delgadillo

I am a very grateful human being who is pursuing an engineering degree at Cabrillo College, one of the best community colleges in the U.S. My dream to become an engineer has fostered my reputation for steadfastness, perseverance, and ability to rise above poverty, violence, and incredible adversity. My intent is to use engineering to support my community in the U.S. and my birthplace, Colombia.



Toby Gay

Toby Gay is from Oakland, CA and is seeking his degree in mechanical engineering. He works at the Boys & Girls Club of Santa Cruz and enjoys chess, music, and making beer.



Gracie Harder

Gracie Harder is from Humboldt County, CA. In 2011, she earned an AS Degree in Science Exploration at College of the Redwoods while working full time at a gas station on a Native American reservation. She is presently studying Engineering at Cabrillo College, is a member of the robotics club, engineering society, and the engineering abroad club. Gracie also works as a part time math and chemistry tutor in MESA, the STEM center, and privately for young children. Gracie aspires to help create balance and harmony between people, and between people and their environment, with the help of biomimicry, sustainable energy, and rising technology. She loves to surf and enjoys creating new flavors of vegan ice cream.



Sarah Kalman

A little over two years ago, Sarah was taking random general education classes with no clear path ahead of her. Now she is immersed in the Engineering Department as a full time student and founder/president of the Engineering Abroad Club at Cabrillo College. She hopes to continue her education as a Civil Engineer and become a master of sustainable design. Sarah wants to be heavily involved in furthering the education of children in impoverished countries. Sarah is also very passionate about her music and uses singing as a creative outlet form all the heavy science and math based courses. She also enjoys adventurous outdoor activities and backpacking.

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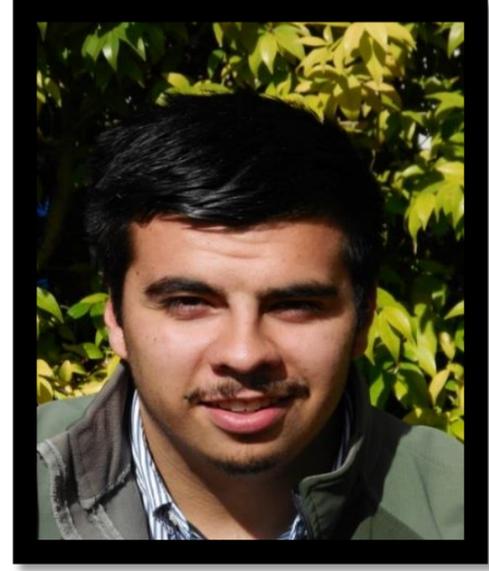
Jill Winter

Jill graduated from the University of California at Santa Cruz with a degree in Environmental Studies in 2011. After a two year hiatus from school she began taking courses at Cabrillo College to pursue a degree in Civil Engineering and is an active member of the Engineering Abroad. She spends her free time playing trumpet, dog-walking, hiking, and playing soccer.



Brandon Faria

Brandon Faria grew up in California's foothills on his family's farms, where he formed a strong respect for the natural world. He was also exposed to machines, equipment, and tools, as well as how to build and repair things. After pursuing an education in ecology he was drawn back to the land to run his family's farm. He has now returned to school to study mechanical engineering, where he plans to combine his natural mechanical skills with ecological principles to develop sustainable technologies and devices. He currently works as a mechanical engineering technician and does construction projects on the side. Brandon enjoys rock climbing, building things, backpacking, and jumping in puddles.



Jose Jimenez

My name is José Jimenez; and I am currently a civil engineering student at Cabrillo College. I always loved math and science and using them to solve real world problems. After obtaining my degree I want to work on designing and building more sustainable and better highways, bridges, buildings, water systems and anything a civil engineer can work on. I also want to create a foundation that gives scholarships and helps young students with social or money problems become engineers. My hobbies include but are not limited to playing soccer and football, reading, running, and watching movies.



Kenny Murray

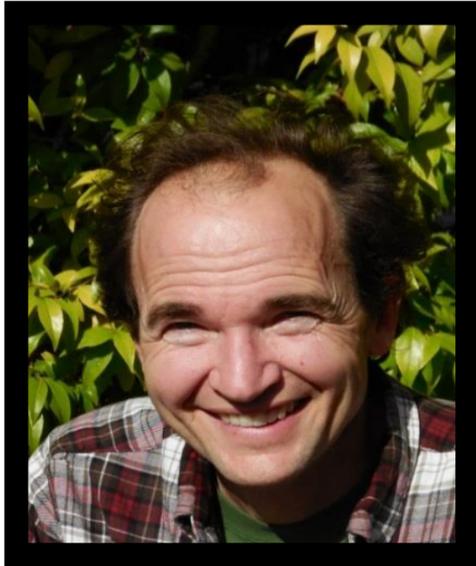
I am a reentry student that formerly worked as project manager in advance optical network engineering. After a round of layoffs I found that without a college degree I was at a severe disadvantage. I volunteered my time and skills to non-profits then eventually returned to school on a part time basis to hone my job skills. I found the support and encouragement on campus to pursue a graduate degree. For fun I took a class on Solar Photovoltaic, which rekindled my passion for sustainability and alternative energy. I will be among the first in line for Cabrillo's new Energy Management degree. At the same time, I became a member of MESA and, with help I am pursuing a degree in the emerging field of Energy Engineering.



Patrick Mojica

For as long as I can remember, I have been in awe of the Universe and loved learning about science and from my family members. As a teenager I developed a deep respect for Nature and Earth's Ecosystems. Naturally I am now pursuing a degree in Environmental Engineering where I hope to apply my love for science to implement ecologically sustainable technologies for society.

## Engineering Abroad Group (Faculty) - January 2014



Karl Ewald

Karl, trained as a Materials Scientist, has recently returned to academia after 15 years working as a computer programmer. Ever curious, he's often found crossing boundaries to collaborate with people making interesting things.



Jo-Ann Panzardi

This abroad experience combines what I love: engineering, teaching, and traveling. Traveling has given me the opportunity to be immersed in many cultures which has shaped who I am today. I am very excited that engineering students will have the opportunity to learn that engineering is a helping profession and the world has so many wonderful places to explore while learning about other cultures.

## Engineering Abroad Group (Alternates) - January 2014



David Vaiz

My name is David Vaiz and I am a Mechanical Engineering major. Growing up in Santa Cruz county, I grew up surfing, skateboarding, playing baseball, and the guitar, but I always had an interest in building, designing, and innovating as well. I hope to eventually study in Germany, adopting their well established sustainable engineering approaches and their diverse culture, returning to California with a broad perspective and fresh ideas.



Janaye Marshall

I spent my childhood in the Santa Cruz Mountains surrounded by redwoods and fresh air before moving into Santa Cruz after high school. I am majoring in engineering here at Cabrillo College and continuing to meet great people along my journey. I enjoy helping to fundraise/ be a part of school events as the vice president of the engineering abroad club. I currently work two jobs but when I have free time I like to hike, snowboard, and watch hockey. GO SHARKS!



Eric Wells

I am a current sophomore at Cabrillo College as a Civil Engineering student. My career interests are sustainability and construction, but I also enjoy outdoor activities and travel. I am 19 years old, and hopefully my academic pursuits will allow me to transfer to a UC or CSU and obtain a bachelors degree.