
SCHOLARSHIP RECIPIENTS FLOURISH AT OREGON STATE

Four students currently hold ACEC Oregon scholarships. Following is an update on their activities.

■ DEREK MANWILL, Senior

(began scholarship September 2006)

Derek says, “Here’s a little bit about what I have been up to:

“I am President of our student chapter of ASCE. Much of what I do for ASCE is outreach to get children and younger students interested in engineering. Some of the things I have done in this area are: giving a presentation to Cub Scouts about bridges; giving presentations about ASCE and civil engineering at events for high school students; and giving presentations about ASCE to underclassmen at OSU.”

Some projects Derek has worked on include:

Snow Creek Bridge Forensic Study

– I aided two of our ASCE advisors in the inspection of a pedestrian bridge that collapsed during the heavy snows last winter. Using the information from our inspection and some calculations we performed based on nearby snow data, we wrote a report to the United States Forestry Service (the owner of the bridge) about possible reasons for the bridge’s failure and recommendations for its replacement.

Captain of Timber Pedestrian

Bridge Design – Our team developed five different bridge design alternatives that we will present to ODFW (Oregon Department of Fish & Wildlife) and other stakeholders for the potential pedestrian bridge at the Oregon Hatchery Research Center in Alesia, OR.

Captain of the OSU team competing in the 2009 Undergraduate Seismic Design Competition.

Future Plans: “After graduating in June, I will move to Olympia, WA to work for Sargent Engineers, a structural engineering firm. After working for six months, I will return to OSU for Winter and Spring terms to earn a Master of Engineering in Structural Engineering. After earning my Master’s, I plan to continue to work for Sargent and earn my PE and SE.”

■ CIERRA EBY, Junior

(began scholarship Sept 2007)

Cierra writes, “I’m in my second year as a Civil Engineering Student at OSU and I am especially interested in Geotechnical Engineering.

“School is going well. I am really enjoying my introductory GIS course and I am thankful to be finishing my last Physics course this term.

“I am beginning to get involved with Engineers Without Borders and am excited about the opportunity to help with the projects they have here in Corvallis and abroad.”

■ KYLE McVAY, Freshman

(began scholarship September 2008)

Kyle is attending Oregon State and conveys, “College is going well for me thus far. I’m kept fairly busy between classes, homework, and work; however, I have plenty of time to enjoy college life.

“I’m still keeping my mindset on the main task. I received good grades last term with three A’s and a B+ and am taking sixteen credits this term and am cruising along. I’m also enjoying the entrance into the world of engineering. Thus far I am declared general engineering however I’m heavily leaning toward nuclear engineering, interactions at an atomic level fascinates me, and I believe nuclear power and other nuclear technology to play a big role in the future.

“I would like to thank ACEC for all the support they have given me. With their help I can enjoy college life and still learn to my fullest potential.”

■ BRAD MILLER, Freshman

(began scholarship September 2008)

Brad reports, “Things here at OSU are going very well.

“All of my classes are in big, 200+ seat lecture halls, but I have learned to appreciate large lectures because each class is a professional presentation where everybody is serious about learning. My friends and I sit near the front, so the class doesn’t seem too intimidating, unless I turn around and see the multitude of students behind me typing furiously on their Macbooks.

“I’m also playing trombone in concert band and a fantastic jazz ensemble. I was surprised at the amount of talent in the jazz program here at Oregon State.”

