

## Advanced Technology and Applied Science "Good Stuff"- March and April 2010

### Rapid Digital Manufacturing Ed Tackett and Ben Dolan reports:

- This is a great video segment on RapidTech and Saddleback College <http://www.atetv.org/home.aspx?e=1603&c=1612>
- helped several UCI students with their senior projects by infiltrating samples for pyrolysis with epoxies
- helped the foundation repair damaged bricks for the Saddleback College Veterans Memorial
- started producing more models for people who make large donations to the veterans memorial for the foundation
- attended a manned a booth at Westec at the LA Convention center, disseminating information on all of the ATAS programs
- continued working on the casting project for the stroke victims
- continued working on a dental hygienic device for a local company
- continued working on enclosures for a veterinary device

### Architecture Blake Stephens reports:

- Here's an update on the Saddleback Architecture Club: The club had a successful tour of The NewSchool of Architecture and Design in San Diego on March 27th. A \$1,000. scholarship for a Saddleback transfer student attending NewSchool next year was offered based on attendance of a Saddleback professor at the orientation. NewSchool is one of only nine NAAB accredited architecture schools in California, such as UCLA, USC. Cal and the Cal-Polies.
- A tour of the Huntington Library, Art galleries and Gardens is planned for 9:30 to 4:30 on Saturday, April 17th. Any students, faculty or classified employees are welcome to join the group.
- The club is volunteering for a San Juan Capistrano Habitat for Humanity home construction project on Friday, April 23rd from 8:00 to 3:30.
- A tour of the Stahl House in the Hollywood Hills, a private home with very limited access, is being planned for a Saturday in late May.

An iconic photo of the Stahl House



### Foods and Nutrition Suzanne Hewett reports:

- The 3rd annual competition of culinary arts students was held in the Culinary Arts Laboratory, Village 3-03 on Wednesday, March 31st. The competition brought out the finest from our program, Gerri Anderson, Allison Sanchez and Armando Contreras. They completed the 2 1/2 hour event and produced fine products. Photos of their products are attached. Please note any one of these products could be a winner at the regional competition on April 16th. Winner: Gerri Anderson
- Gerri will represent Saddleback College at the Regional Consortium and Culinary Competition on April 16th in Downey, Calif. Please wish her luck as she competes with the area community college and culinary institute students.

### Lori Hoolihan reports:

- Lori Hoolihan presented a session at the Texas Dietetic Association conference on March 18-20 on "Unintended Consequences of Simplistic Dietary Recommendations: Good

Advice Gone Awry" which is intended to increase awareness of the pitfalls of providing overly simplistic dietary recommendations. For example, the low-fat messages of the 90s resulted in increased incidence of obesity/overweight because people thought they could eat as much low-fat food as they wanted (not considering calories). The recent push toward plant-based diets is resulting in people avoiding meat and dairy products which may lead to nutritional deficiencies in nutrients such as iron, calcium, magnesium, potassium, vitamin D and many others. Health professionals need to help consumers adopt healthy diet and lifestyle messages that look at the 'bigger picture' of their overall nutritional needs before adopting simplistic dietary change.

### **Aquarium and Aquaculture Science Julie Anderson reports:**

We will be awarding \$6,500.00 Scholarships this year;

- \$1,200.00 to L. Irene Richards will continue the program here and pursue more specific areas of chemistry and molecular biology to pursue her desire to work in research areas relating to coral biology and ecology for the benefit of coral conservation and sustainability.
- \$1,200.00 to Lindsey Etheridge wants to complete this program, get hired full-time and pursue a Master's degree in related field so that she can climb the career-ladder and contribute to the Aquarium and Aquaculture Science. She has a BS degree in behavioral sciences and has volunteered, interned and worked at local aquariums, but desires the in-depth training our program provides.
- \$1,200.00 to Ann-Marie McCann is a local Sea Horse breeder (and SCUBA instructor) and plans to continue her studies in Aquarium and Aquaculture Science and Marine Biology here at Saddleback College. She collaborates with other Sea Horse farmers contributes to the development of culture protocols for the threatened Tiger-Tail Seahorse. (She is also a SCUBA instructor and nurse!)
- \$1,200.00 to Pamela Jackson will earn her Certificate of Achievement and graduate at the end of Spring. She has volunteered and worked at local aquariums and wants to work at an AZA accredited Aquarium. She has plans to educate the public; Write and publish a series of Children's books about the care of ocean creatures and work with the Discovery Ed Pilot Program through Cousteau's Magnet Schools.
- \$ 850.00 to Patricia Seabourne is a double major, Marine Biology and Aquarium Science student from Spain, and came to Saddleback College specifically for this program. She has volunteered countless hours from early teens through current at several world-class Public Aquariums and has plans to complete what she is able to here and transfer to the University of New England to complete her double-major.
- \$ 850.00 to Ryan Vazquez will be transferring to Humboldt State University in the Fall where he will pursue an advanced degree in Wildlife Biology with a minor in Freshwater Fisheries or Aquaculture.

### **Marine Science Technology Morgan Barrows reports:**

- The MST 214B/215 class successfully completed their February sailing cruise to Catalina Island. The weather for the cruise turned out to be perfect for this time of the year with sunny skies and warmer weather. There were approximately 20 students that participated in the event. The next cruise will be in April.
- Participated in High School Senior Day discussing the program with potential students

### **Environmental Studies Morgan Barrows reports:**

- Dick Zembal, Saddleback College associate faculty and natural resources director at the water district who previously was a field supervisor at Fish and Wildlife, received for his work with the Light-footed clapper rail ,the U.S Fish and Wildlife Agency's [2009](#)



[Recovery Champion Award](#) — one of three to receive it in the state and one of 18 nationwide.

<http://greenoc.freedomblogging.com/2010/03/29/biologist-lauded-for-work-on-endangered-bird/21679/>

- On going restoration activities in the Outdoor Garden with the assistance of the students from the ENV 1 and 18 classes. Students have performed planting of native plants, weeding, beginning the new water feature to demonstrate stream and riparian habitats, and completion of our “on-site” new native plant nursery.
- Ecology Students had a rain-free field trip to Fullerton Arboretum to have a hands-on experience with a variety of ecosystems and ecological adaptations.
- High School Senior Day was a great success with several hundred students stopping by to learn more about the Environmental Studies Program. The table was manned by current Environmental Studies Students.
- The Advanced Ecological Restoration class visited Irvine Ranch Conservancy for ongoing invasive plant removal activities. The class also visited the Tree of Life Nursery to become familiar with a commercial production facility for a wide variety of California Native Plants.
- A \$1000.00 donation, which was matched by the Saddleback College Foundation, was given to the MorganTree Environmental Education Scholarship Endowment.

**John Richards reports:**

- We are all set up with a tent, table, and power for the May 1 event being sponsored by Santa Margarita Water District. As I understand it our tent will be next to Moulton Niguel Water District’s tent. RMWD is expecting from 1000 to 2000 attendees. Robert Farnsworth will also be manning the booth for the Horticulture department recruitment.

**Fashion Design and Fashion Merchandising Malia Hill reports:**

- The Fashion Department had two booths on Senior Day. One for the whole department (design and merchandising) and one for the Fashion Club. High School students learned about certificate options in the Fashion Department, as well as learned about the guest lecture series of local industry professionals from Oakley, Quiksilver, Anthropologie, etc happening this semester. *(insert photo)*
- Join the 2010 Annual Saddleback College Fashion Show Facebook page! This



year's theme is "Ethereal". Design students may enter their garments to be in the show.

More details visit: [www.facebook.com/fashionshow2010](http://www.facebook.com/fashionshow2010)

#### Field Trips:

- BGreen hosted the students of Eco-Friendly fashion class from Saddleback College and Instructor Ms. Irma Salazar at their facility last week. The students were shown the different stages of manufacturing process from Sample-making, Knitting, Cutting & Sewing, Printing, Packing and quality control followed by Q&A session. B green Apparel - See photos on their facebook: <http://www.facebook.com/pages/bgreen-apparel/60054471579?ref=mf>

#### Internships:

- Brittany Fulton is doing her internship in the swimwear dept of Billabong.
- Zeinat Ahmed, one of the Egyptian students here at Saddleback, is working as a costume design intern with Diane Lewis in the theater department.

#### Guest Speakers - The Fashion Department had the following guest speakers:



- Wed. March 10th: **Tracy West from Cach Cach** - *High End Children's line Designer*
- Mon. March 22nd: **Paul Jaurequi from Harvey's Seatbelt Bag** - *PR and Director of Wholesale*
- Sat. March 27th: **Adrienne Ernst from Oakley** - *Merchandising Director*

#### Student Work:

- The Saddleback film "Quest" that fashion student Kelly Erbstoesser

worked on costumes for will be in the Newport Film Festival 2010. It will be showcased with a few other Saddleback films on April 25, 2010 at 1:00pm at OCMA. If you would like to come check it out and support them, visit the link to purchase tickets! Ticket Purchase for "Quest" <http://newportbeachfilmfest.tix.com/Event.asp?Event=256899>

#### Faculty News:

- Malia Hill has been the fashion writer at the OC Gazette. You can view her articles at [http://www.theocgazette.com/GazetteMagazine/Welcome\\_to\\_the\\_Gazette.html](http://www.theocgazette.com/GazetteMagazine/Welcome_to_the_Gazette.html)

#### **Interior Design Arlene Thomas reports:**

- Our students, along with fashion students, attended: **Your Design Career: Color It Green** at the Gas Company facility in Downey on Friday, March 5, 2010. The program highlighted organizations that will involve energy conservative designers in the future.
- On Tuesday, March 16, 2010, Joni Owen, NKBA, and Arlene Thomas, ASID, CID, NCIDQ, and other students, attended an **NKBA** meeting at the Lutron Technology Center in Irvine to visually see the new technology that has evolved to ensure energy conservation and aesthetically pleasingly lighting environments for the future.



- On March 23, 2010, **Spring Market** at **Laguna Design Center**, Faculty members, Arlene Thomas & Ruth Jacobson, attended this annual event to find many of our students also taking advantage of this special day for Interior Design professionals and aspiring students. The showrooms were open all day for everyone's educational development and enjoyment. Students came back inspired! We **love** that engagement for our students!!



- Alinde Herron attended the **2010 Interior Design Educators Council Annual Conference** in Atlanta, Georgia March 23<sup>rd</sup> through March 27<sup>th</sup>. This proved to be a very exciting and informative conference, bringing together one of the largest gatherings of Interior design educators, over 300, in recent years. Alinde had the opportunity to hear nationally-recognized Interior Design educators present papers on various current topics, as well as, industry leaders, business experts, and other design gurus share their insights into today's current trends, issues, and to celebrate teaching scholarship service. Alinde had the opportunity to tour SCAD, Savannah College of Art and Design, Atlanta: The University for Creative Careers was a beautiful state-of-the-art facility that included a new, innovative Interior Design facility and program.
- While in Atlanta, Alinde also attended a two-day pre-conference workshop, Lighting Fundamentals For Educators, sponsored by SOURCE Cooper Lighting Center located in Peachtree Georgia. This proved to be a very informative and inspiring seminar held in Cooper Lighting's new 10,000 square foot lighting education and innovation center. Alinde is currently teaching **ID 127 Lighting Fundamentals for Interior Design** which made this program extremely valuable to herself and her students because it provided the most up-to-date lighting techniques, technology, and innovative information.

