

## **Advanced Technology and Applied Science Summer and August, 2008 “Good Stuff”**

### **Digital Rapid Manufacturing**

#### **Ben Dolan reports:**

- Floored an EnvisionTEC Perfactory high resolution DLP machine for fine detail parts like jewelry and medical devices
- Flooring a 3D Systems SLA 250 stereolithography machine to run high strength photopolymer materials

#### **Susan Zimmer reports:**

RapidTech Center held annual 3-day teacher's resource conference August 13-15 for those interested in entering or evolving rapid digital manufacturing capability at their schools

- 55 attendees including instructors, professors and deans from Community Colleges and Universities nationwide
- Hands-on workshops in:
  - Solidworks
  - Materialize Magics
  - silicone mold making
  - RP finishing techniques
- 3D Rapid Prototyping demo of Stratasys Dimension machine
- 3D Rapid Prototyping demo of Sony SLA
- Vendors hosted booths in the student center location, answering questions
- Ed Tackett and Tom Smith were instrumental in a smooth-running event enjoyed by all

### **Drafting Technology No report:**

### **Fashion Design and Fashion Merchandising Lindsay Fox reports:**

#### **Department News**

- We are happily back in the BGS building with beautiful new facilities!
- Our summer classes went very well including Basic Sewing and the new AIMS Certification Class
- The Fashion Dept. has had a surge of students getting certificates and AA's
- Fall semester is already off to a good start with many returning students and classes filling. Many new students have been attracted to our department filling the introductory classes to the maximum enrollment. This includes new sections of Basic Sewing and studio classes being offered for the first time on Saturdays.
- New students are traveling from as far as LA because of our excellent reputation in the industry and the wide range of classes we are offering!

#### **Faculty News**

- We have added two new instructors to the Fashion Department: Kyla Benson and Malia Hill. Kyla is teaching the Basic Sewing class on Saturdays and Malia Hill is teaching the Internship and CWE classes on Wednesday evening.

## **NEW FACULTY BIO's**

### **Malia Hill**

- When I was 14 I knew that I wanted to pursue fashion without a doubt in my mind. After High School I attended Saddleback College and took classes in the fashion program. I transferred to CSU Long Beach and started my first internship through a contact of Lindsay Fox, the head of the department of fashion at Saddleback College. The internship was at the California Market Center working under the director of marketing a Saddleback grad named Karen Mamont. That first internship lead to many other contacts. I went on to intern at Trina Turk in Los Angeles and an internship with California Apparel News. During the summers of my Junior and Senior year at CSU Long Beach I interned in New York City for Kay Unger New York with both their merchandising team and design teams. In the Fall of my senior year I got a paid internship with Disney Character Costumes and Development and carried that through until I graduated with a double BA in Fashion Merchandising and Clothing & Textiles. Upon graduating I was offered a full-time position with Disney as a Fabric Specialist, assisting the designer and project managers on new costumes such as Jack Sparrow, Tinker Bell, Ratatouille characters, and Meet the Robinsons, as well as overdressings for Mickey and his friends. In July of 2007, I moved up to Seattle to work as an assistant designer for Nordstrom Product Group where I worked under the senior designer for **t.b.d**, a Nordstrom private label. I was there approximately a year and decided to move back down to the southern California area to teach the FASH 145 Internship class / CWE and also work as a project specialist for the fashion department at Saddleback College. This gives me the opportunity to give back to students in the way Lindsay Fox and Saddleback College gave to me. I feel that both were a springboard to my successes in the industry.

### **Kyla Benson:**

- I graduated in apparel design at UC Davis. Before graduating I interned in San Francisco at Weston Wear which is a private label brand for stores including Bebe and Anthropologie. I started my design career as a swimsuit designer for Manhattan Beachwear, which licenses swim for brands including Hobie, Hot Kiss, Kevin Cole, as well as owning it's own labels. My job was to design for the private label accounts such as Xhilation for Target, Mervyns, Sears, and JCPenney. I left to start a handbag line with a good friend. We opened up Coco McKinley (Coco is my friend's name and McKinley is my maiden name). We sourced all

materials and labor in L.A. We had a showroom in the Cooper building and sold to boutiques across the nation. We were featured in Instyle magazine and on the Gilmore Girls television show. I ended up leaving the company to focus strictly on design. That is when I began working as a full time designer for Hurley. Since Hurley, I have freelanced for women's snowboard jackets at Oakley and am currently employed as Fox Racing's accessory designer.

## Student News

Jocelyn Grace Bearden Ramos wins 2nd place in the FOX DESIGN CHALLENGE that took place this summer. Please check out this web site to see clips from the Fox fashion show and Jocelyn's work. In addition to a cash prize, Jocelyn was awarded a internship at Fox!

<http://www.foxhead.com/us/girls/design/video/>



### MOLLY HOGAN:

Molly Hogan, a Spring Graduate landed her dream job. She is working as Donna Knott of DonnaLand Vintage Variety as her assistant. Vintage Variety is based out of St. Louis. Donna used to be the world's largest wholesaler of vintage clothing and accessories. The company was called Hullabaloo and did costuming for over 300 movies; including CryBaby and Boogie Nights. She is also assisting Eva Kisesvalter of Stella Neptune. She has a clothing line consisting of t-shirts and screen printed vintage pieces. She is based out of Hollywood.

Molly writes..."I met Donna at the Santa Monica Vintage Expo. I worked for her at the next Santa Monica Show. After that show, I worked on clothing for her that had gotten wet and moldy. You helped me with the processes for that. Thanks, it went well. She was so impressed with my

skills and knowledge (thanks to Vintage Essentials Class and FASH 150) that she hired me on. Then Donna sent me to the following Vintage clothing shows.

- 5/08 Santa Monica Vintage Expo
- 6/08 San Francisco Art Deco Show
- 7/08 Burbank Pickwick Show
- 7/08 Portland Antique and Collectibles Show 8/08 Month long trip to St. Louis for buying and organizing of her stock.

- 8/08 Boston/Brimfield Antique Show

#### FUTURE SCHEDULED SHOWS

- 9/08 San Francisco Vintage Expo
- 10/08 Las Vegas Rock'a'billy Rave
- 10/08 Manhattan Vintage Show
- 10/08 Santa Monica Vintage Expo
- 11/08 Manhattan Pier Show/Fashion Alley
- 11/08 Del Mar Antique Show
- 11/08 Burbank Pickwick Show

Kelly Erbstoesser was the Costume Designer of "Quest", Charlie Myer's film student project a kids flick that is set back in the 1800's



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

- Several environmental studies students participated in internships throughout Orange County.
- The Department Chair gave a public lecture on pesticides/organic farming/colony collapse disorder at the El Toro public library.

- The Department participated at Welcome Fest and talked to over 100 potential students.
- The semester is off to a great start with most sections full.

### **Automotive Technology Cliff Meyer reports:**

- **Donations**

Our partnership with the Tuttle-Click Automotive Group has moved to the next level. They have donated \$50,000.00 to the Saddleback College Automotive Technology Foundation for student scholarships. We have given our 7 scholarships as part of this new and exciting program. This special scholarship was designed with both the students and our industry partner in mind. The student will receive a part-time or full time job, a tool box valued at over \$5,000.00 and a full scholarship to Saddleback College. Upon completion of their degree and or one of our certificate programs the student will be given the toolbox free and clear. The student must stay in school and work toward completing their education. What a tremendous opportunity for our students!

- **General**

The auto tech department has been very busy over the summer break. We have remodeled the indoor engine machine shop. All of the equipment was removed from the room and the floor was cleaned, prepared and a new epoxy floor installed. During the summer our new machine shop equipment was delivered and installed. These new additions to our machine shop moves us forward into current machining CNC technology. We are one of the best equipped machine shop training centers in the western United States.

A special "thanks" to our two lab assistants Brian Yarnall and Mike Dale for their hard work. Also I would like to thank Russell Kikawa our student worker who also helped in the shop over the summer break. Great job! Our new outside lab flood lights and shop lights have been installed. This will provide our students with a safe work environment while providing lighting at night for security.

Interior clean up and maintenance continues to move forward.

- **Presentations, Outreach and Tours**

During the month of August the auto tech department was present at Saddleback's welcome day. The students were very interested in the Saddleback College auto tech program. Darrell Deeter and Clifford Meyer presented a class during the fall 2008 professional development week. It was well received especially by the president of Saddleback College who was in attendance.

- **Field Trips, Guest Speakers**

On Tuesday September 30th students from Clifford Meyer's Auto 220 Alternative Propulsion Systems class will visit University California Irvine. The students will tour the ULEV lab and the National Hydrogen Research Center in the engineering department. Students were allowed to ride and drive the Toyota Highlander Hydrogen Fuel Cell vehicle.

**Horticulture and Landscape Design Kathe Hayden reports:**

- In July Kathe Hayden's floral design students were invited to the Bixby Knolls House in Long Beach to design for the California State Floral Association historical mansion tour fund raiser. We had the responsibility of decorating 4 "flower beds" in the yard. Approximately 700 people toured the house and the reviews were outstanding. The students not only designed but were able to meet and observe some of the best known designers in the industry. It was a wonderful experience!



**Electronic Technology and Computer Maintenance Technology Eugene Evancoe reports:**

- We have added a second robotics class to the Electronic Technology program, ET 289, Intermediate Robotics. It uses a robotic arm from

Lynxmotion, Inc. and expands and continues the study of practical robots from the first class, ET 201 Robotics Fundamentals. Both classes will be offered concurrently spring semester 2009. We are also investigating a robotics certificate option in Electronic Technology.

- Enrollments in Computer Maintenance Technology classes are higher than last year, and the electronics survey class (ET 101) has one of the highest enrollments in several years. We will continue to direct this general interest in electronics to our certificate program.

**Interior Design No report:**

**Cooperative Work Experience and Cosmetology No report:**

**Nutrition and Foods Suzanne No report:**

**Graphic Design and Graphic Communications**

**Will Baldwin reports:**

- A second Hydroblaster ECIN-3000 Pressure Washer has been installed in TAS room 114 to help accommodate the growing number of Graphic Communications students that use the room. The new washout booth will double our capacity to Develop and Reclaim both Wooden and Aluminum screens.

**Renata Ballo Reports**

- I attended SIGGRAPH in July. I made my daily notes from the conference available in PDF format here:  
[http://saddleback.edu/faculty/rballo/news/Renata\\_notes%20from%20SIGGRAPH%202008.pdf](http://saddleback.edu/faculty/rballo/news/Renata_notes%20from%20SIGGRAPH%202008.pdf)

**Communication Arts**

**Hiro Konishi reports:**

- Peter Shafron's short film, "88 Years in the Closet," which was produced in the Documentary Production class last year, continues its success. It became a featured film at the Austin Gay and Lesbian International Film Festival. It has been accepted by the Big Bear Film Festival.
- Another product from the class, Sharon Riley's "Heritage Hill," had a huge premiere at Saddleback College in June. The documentary was made for the docents of the Heritage Hill Foundation, who work to preserve local history.
- Hiro Konishi has become an Apple Certified Final Cut Pro Trainer. It allows the Communication Arts Department to be an official Apple Training Center, and we are one of the very few educational institutions to be designated as an official training center.
- Making us an Apple Certified Training Center was all Mark Kruhmin's idea. He worked so hard and so long to make it happen.

**Mark Kruhmin reports:**

- The semester is off to a rousing start and some of the new equipment for the TV students includes a Standard Definition/High Definition character generator for creating graphics for television programs in the TV classes. Also installed over the summer was a new Standard and High Definition special effects generator or more commonly called, switcher. The audio portion of the studio was upgraded as well with a new mixing board that replaced one that was over 15 years old. New wiring was installed to help clean up the audio aspect of television production and a few new microphones were purchased for student use in the studio and to check out for remote projects. The film students will be able to take advantage of new HD cameras, dollies, steadycams, and other tools of the filmmaking trade. The TV/Film department is continuing their quest to get the facility to HD capability.
- Channel 39 was the summer showcase for student films, documentaries, promos, and other programs produced by TV and Film students
- Channel 39 is now available for *streaming* from the college website. Currently only telecourses are available, but other programs and films will be available shortly. Many thanks to Rob Hartman and Mark Sierakowski for their assistance in providing the links and guidance. The ability to stream telecourses is a huge step because it will allow enrollment in these classes without being a Cox Cable subscriber.
- Speaking of Cox Cable, we are in the process of working with Cox to have our programs available on the Cox ON Demand system that would allow viewers to view Saddleback telecourses and other programming to be watched at any time.
- September is a busy month at Saddleback with a 9-11 Tribute, a benefit concert on the 20<sup>th</sup>, and Board meeting on the 22<sup>nd</sup>. All of these
- Events will be videotaped and replayed on Channel 39. By the way, the new website will contain the daily schedule of programs on Channel 39 too!

#### **KSBR Terry Wedel reports:**

- KSBR bookended the summer with its two annual fundraising events: The Birthday Bash and the Morning Breeze Schmooze. The Bash drew more than 1000 attendees to its new location at the Village Green in Oso Viejo Park on the Sunday of Memorial Day weekend. The “Schmooze” celebrates the music of KSBR’s Morning Breeze World/New Age show and was held the Sunday of Labor Day weekend in its new location in the Dana Marina Center.
- OCRockRadio.com students rocked attendees during Saddleback’s Welcome Day celebration table (naturally, they were right next to the rock climb).
- KSBR made appearances during remote broadcasts in the community throughout the summer, including the art festivals in Laguna Beach and the Mission Viejo 4<sup>th</sup> of July Street Fair. Thousands of listeners along the

coast tuned into KSBR on the 4<sup>th</sup> of July as the station provided the soundtrack to the City of Dana Point's annual offshore fireworks display.

## **Aquarium and Aquaculture Technology**

### **Julie Anderson reports:**

#### **Student Success:**

- A total of **6 students have completed requirements** and earned their Certificate of Achievement for the Aquarium and Aquaculture Science for the 2007-08 year. Congratulations to all of them on their success and new career opportunities!

2 at the end of Fall 07: [Scott Brang](#) and [Wendy Lee](#) (*you can read their responses by clicking their names*)

Scott Brang works as an on-line sales associate for [Marine Depot](#), Anaheim, CA

Wendy Lee works as an Aquarist at the [Birch Aquarium](#) at Scripps Institute of Oceanography, San Diego, CA.

3 at end of Spring 2008; Ted Bates, Stuart Hunter and Scott Margel

Stuart Hunter, "Hunter" works managing the large aquarium systems for the [Rain Forest Cafe](#), Costa Mesa, CA

Scott Margel started his own Aquarium Maintenance Business, "[Scotts Aquarium Service](#)"

1 at end of Summer 08; Ben Vallejos

Ben Vallejos works at the [Chula Vista Nature Center](#)

- **General**

The old, wooden structure of ten years that housed the 1,200 gallon cold-water system was torn down and all the electrical shut off and removed. We are currently waiting for repairs of the roof top before we can reset the electrical. The area will provide a much improved area and will continue to serve as student training center for the aquarium and aquaculture students, once the project is completed.

### **Paul Curtis reports:**

- I attended the National New Animal Drug workshop for aquaculture in Bozeman MT for 5 days at the end of July. I am able to stay up developments of medications for use in Aquaculture.

## **Marine Science Technology**

### **Marc Hughston and Mark Howe report:**

- MST student Kaori Kobayashi was selected by MATE (Marine Advanced Technology Education) for an internship at sea this past summer. She spent two months on board the Oceanographic Research Vessel Langseth, from Columbia University, as they did seismic studies of the geology of the seafloor around the South Pole. Her primary duties were in the Navigation Department. (Saddleback is a partner college with MATE)

- Mark Howe attended the International Conference of the Society for Conservation GIS at Asilomar in August. One day of pre-conference workshop was spent specifically on Marine GIS. Mark says "I had never seen more than one Marine GIS person in one place before, and here there was a room full of them." It was wonderful seeing how environmental scientists from all over the globe were dealing with the spatial issues of conservation using GIS technology.
- Marc Hughston headed up the Summer Seamanship Cruise to the Channel Islands with seven boats coming from three different ports and with over 40 students.

**David Sheriff reports:**

- MST 218 students studying marine electronic navigation each will be receiving their own personal copy of PC software which emulates the operation of ship's radar. The students will practice on their own computers before encountering real radar aboard a variety of boats later in the semester. This program is funded by student material fees.
- Associate faculty member David Sheriff has acquired a large, intricate commercial ship's automatic compass built in the 1930's.
- Sheriff will use the compass to illustrate how historic marine automatic steering systems worked to his electronic navigation class.
- Most of the principles in modern autopilots had mechanical analogues 70 years ago. Studying the mechanical system will help students understand autopilot concepts that are now buried invisibly in computers.

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