

Advanced Technology and Applied Science October-November, 2008 “Good Stuff”

Digital Rapid Manufacturing

Ben Dolan reports:

- Ed Tackett, Ken Patton and Benjamin Dolan were invited to Team Disney Anaheim to consult on a time sensitive special project.
- The MFG 200 (Rapid Prototyping) class visited the on campus foundry for a guest lecture on casting with wax models.
- Ed Tackett guest lectured in two of Barbara Cox's business classes.
- We submitted a grant application to the Foundation for new equipment to further achieve the learning objectives of the MFG 201 class.
- Two students that went to DC were also interviewed on camera for a special show on PBS.

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 a very special student scholarship program. The tools (\$5,500.00 value) have arrived and should be distributed by November 1st. Everyone is very excited to see this program in action.
- **Presentations, Outreach and Tours:**
During the month of September the auto tech department machining program students toured two different facilities in Orange County. They were Carrillo Products in San Clemente and SP pistons in Irvine. The students enjoyed seeing first hand the advanced products that both of these companies produce.

Drafting Technology Susan Zimmer reports:

Three Drafting Classes Tour Rapid Prototyping Lab

Students from DR-23, DR-100 and DR-120 AutoCAD drafting classes toured the RapidTech facility on Wednesday, October 22. Director Ed Tackett, Instructor Ben Dolan and Lab Assistant Tom Smith each hosted one-third of the 21 students.

The tours provided each student with:

- Information on the recent developments in direct digital manufacturing
- Summary of the variety of rapid prototyping projects handled at the Saddleback campus facility

- **Insight into the uses and limitations of each form of rapid prototyping**
- **Capabilities for post-processing of parts to sand and paint or electroplate**
- **Applications for models from fit-checks to proof-of-design to marketing**

Additive manufacturing is relatively new technology; students heard information about:

- **Materials and design constraints**
- **Considerations of cost and schedule**
- **New design capture techniques like 3-D scanning**
- **Stereolithography Apparatus (SLA) applications**
- **Selective Laser Sintering (SLS) process**
- **Stratasys' Dimension fused deposition modeling (FDM ®) 3-D printer**
- **Z Corp. Spectrum Z-510 full color 3-D printer**

Many students stated they were inspired by the innovations shown on the tour and plan to include Solids Modeling software like SolidWorks in their plan of studies.



Nutrition and Foods Suzanne Denton reports:

- It is with a heavy heart that we report Linda Lukasik, dedicated part-time faculty member for over 15 years, has passed away after her battle with cancer. A memorial service was held for her in San Clemente, California. She was an inspiration in her battle with this disease and will be missed by faculty, staff and students.
- Suzanne Denton represented Saddleback College at the American Dietetic Association annual Food & Nutrition Conference & Exhibition in Chicago, Illinois.

Communication Arts

Julia Brady-Jenner reports:

- We were lucky enough to have Keir Pearson, Screenwriter for the Academy-Award nominated film Hotel Rwanda come into the Beginning Screenwriting class. He came in and shared his knowledge of the business, how the project was produced and his experience meeting Paul Rugabagisa, the real-life hero who

sheltered and saved 1200 Africans from slaughter at the hotel he managed. Each student had screened the film at home due to the heavy material (Genocide) and was able to ask Keir questions after he spoke. One student had already seen the film ten times. It was an amazing morning.

Hiro Konishi reports:

- CA124 (Television Production I) has produced two talk shows with guests from our local community:
 - a. Bill Meyers – President of Solar Power Inc.
 - b. Nicki Hollenbeck – Medical Alert Dog owner
 - c. Charlie Myers also appeared in another episode and discussed our new HD digital camera, Red One.

Mark Kruhmin reports:

- Exciting things are happening here at the halfway point in the semester. A multitude of TV and film productions going on throughout the department. More student projects have been added to our collection on Channel 39 with over 15 projects added recently to our viewing schedule with more on the way. We hope to include Channel 39 programming onto the streaming access. This will allow those who are not a Cox Cable subscriber to view our programs. Currently only telecourses are available, but more programs are being added daily. We shall be working with the folks at ITC to streamline the process that will make our viewing schedule and programs available through the college website.
- The staff has been working on numerous projects for the college including promotional material and other instruction related topics. With the assistance of the Equipment and Technology funding we are going to be able to make some serious steps towards becoming an HD facility. Most all of the current film class projects are being shot in HD with a couple of projects slated to use our new RED Digital HD Camera. A couple of things to watch for on Ch. 39 in the near future are a concert held recently in the Theater to benefit MRSA, “ A Night for Nile” features a lot of great music including some jazz inspired versions of Beatle songs. Also, an expanded version of the Saddleback Celebrates 40 Years video will be completed shortly and will also air on Channel 39. The longer version will contain some great comments from early faculty and more shots of faculty and staff.

Charles Myers reports:

- Recent alum Mona Lisa Dasgupta is in the midst of producing and directing her first feature film entitled "Lost Mother" and has rallied current students to help her out with the production.
- The documentary on the Magic Castle is proceeding and is being shot on the Red Digital Cinema camera.

- Film III is embarking on the production of the short film "Iris" which is also slated to be shot in HD.
- Alum Jon Meyers was tabbed to direct the multi-million dollar production of the feature film "Warrior".
- Alum and current instructor Kenny Ryan signed on with the immensely prestigious agency ICM.

KSBR Terry Wedel reports:

- Saddleback College Radio stations were in the community during October: KSBR's Blues and Reggae programs broadcast live from the Mission Viejo Kiwanis annual "Taste of Saddleback Valley."
- KSBR broadcast live from all 3 weekends of the Catalina Jazz Trax Festival.
- OC Rock Radio broadcast live from Oso Viejo Park, the destination of the City of Mission Viejo's annual "Walk Against Drugs" event, while KSBR's Garrison West did live reports from the walk itself.
- The City of Mission Viejo's first Rose Parade Float decorating event was the scene of another KSBR live broadcast.
- Comm Arts students Chris Karalis, Michael Zepeda, and Craig Christy are providing live play-by-play coverage of Saddleback College Football on KSBR.
- KSBR news student Julia Flucht has been producing a weekly series of special reports on detailing the various statewide ballot propositions (which is being re-packaged to air the night before the election).
- The OCRockRadio.com main website and MySpace site have been completely redesigned, thanks to student Michelle Jensen.
- KSBR's Dawn Kamber produced a half-hour program highlighting the Veteran's Memorial now being constructed at Saddleback College. The program featured a number of distinguished veteran's including Saddleback College Chief of Police Harry Parmer.
- KSBR and OC Rock Radio are now both available in the iTunes Radio "tuner" (KSBR under "Jazz" and OC Rock Radio under "Alternative").

Aquarium and Aquaculture Technology

Julie Anderson reports:

Events:

- Julie Anderson and some of her MST 100 students attended the [Reef-a-Palooza](#), Oct 15 to browse venues, connect with business, share advertisements and greet former students of our program – some of them working and own their own businesses:



Morgan Itzell, owner [Bluewater Aquaculture](#) *See the hundreds of farm-raised clownfish!

Not pictured, Max Girteit, Owner of [Reef Hot Spots](#). Started as wholesale operation and recently opened up retail stores.



Scott Brang. Sales associate and article author for [Marine Depot](#)

- **Paul Curtis just returned from a major consulting job on a Steelhead Farm on the Columbia River in Washington and brings his expertise of the situation in real-time into the classroom for discussion.**

Class Field Trips:

- **The Aquaculture class and the Water Quality & Toxicity classes went on an all day field trip to: [Carlsbad Aquafarms](#), [Hubbs-Sea World Fish Hatchery](#) and the Scripps Institute Library for research information**
- **The Aquarium Systems class went on a back scenes tour of the Aquarium of the Pacific**

Horticulture and Landscape Design Kathe Hayden reports:

- **Floral Design has been busy visiting the LA flower market - the second largest market in the world. We all got up at a VERY early hour to take in the beauty of all the flowers in the unusual surroundings of downtown. We were also spoiled with a private floral design show at a local wholesaler that really impressed everyone. We are looking forward to designing Thanksgiving Centerpieces and fresh wreaths in the weeks to come.**
- **I just received notification that I have passed the new California State Test for Certified Florist. The exam was all day and included practical, flower identification, and a written exam. This was the first time the test was given in Southern California and only 4 people passed. Currently there are only 17 people in the state with this certification. I am looking forward to being able to prepare and send my students to become California Certified Florists**

- The **Fall Plant Sale** will be November 20th and 21st from 9am - 5pm at the Greenhouse.



Interior Design Arlene Thomas reports:

- October has proven to be a very busy and informative month for both students and faculty by attending the following events: ASID (American Society of Interior Designers) Trade Show at the Bren Center, UCI on Wednesday, October 8; Student Career Day at Dacor kitchen appliance showroom in Diamond Bar on October 11.
- A team of Design Club students have been working on designing the floral arrangements for the 40th Annual Foundation Gala this month as they have for the last several years. Currently, they are creating final design touches for the arrangements. On November 1, they will be arranging and placing them prior to the event later that day.
- Please check out our Design Club website, www.scidc.org for more information about what our students are doing.

Fashion Design and Fashion Merchandising No report:

Guest Speakers:

- AIMS Software owners Henry Cherner and Scott Chaban spoke to the Fash. 289 class about their apparel manufacturing software and their many years in the garment industry.
- Disney Character Costumes and Development - WCheck out Saddleback's new blog website!
www.saddlebackcollegefashion.blogspot.com

This is a website that will highlight student's work (with

permission by the student) and Saddleback events. It will be updated on a weekly basis. Encourage students to send in pictures and what's going on with them in the industry.

Also let students know we are on facebook (Easiest way to find it is to do a search using keywords Saddleback Fashion).
www.facebook.com

We are also considering a myspace page. Stay tuned, Oct. 1st 5:00-6:00pm.

Guest speaker Tara Ritacco, Resource Development Manager about the development and manufacturing process of Disney's costumes. She shared some recent projects with fashion students such as the Russia Vogue project with Minnie Mouse dresses in couture garments.



- **Tukatech Computerized Flat Pattern Lecture - Thursday Oct. 2nd 1:00pm-3:00pm BGS 104** Many companies use Tukatech computerized flat pattern in the industry. Also students can use the Tukatech software for around \$25 a month and print patterns at Kinko FedEx. This price would inflate to \$300-400 a month if they were not a student. This was a very informational lecture about the software.



- **Molly Hogan, a recent graduate, spoke to the Vintage Essentials Class about the Vintage business and what it involves to be a dealer, wholesale dealer, and supplying the movie industry.**

Class Trips:

- **Fashion in Southern California class went to the Disney Character Costume Shop for a rare tour and lecture from the designer and staff on October 3rd**
- **Fashion in Southern California Class visited Cachcach/ Funny Bunny factory and spoke to head designer Kathleen Dougherty and her assistant designer, former students, Tracy Kgno and Nancy Natividad on October 3rd**
- **Fashion in Southern California visited Harvey's (maker of the famous Seat Belt Bags) and met with the head of PR Paul Jaurequi on October 10th**
- **The Fashion in Southern California Class visited Print Plus and spoke with Former student Carolina Khalik about the silkscreen business and T-shirt business**
- **Fashion in Southern California class, Vintage Essentials Class and The Fashion Trends Class went to the Vintage Fashion Expo and met with Ken Werner of Vintage Martini and Molly Hogan who are both vintage dealers on October 18th and October 19th**
- **Fashion 101 Intro to Fashion had the opportunity to visit Element Factory in Irvine. We spoke with merchandising, design, marketing and graphic arts departments.**
- **Fashion 148 Visual Merchandising had the opportunity to speak with Tommy Bahama's merchandiser located in Anaheim.**
- **Fashion 147 Special Events was able to participate in Mercedes Benz Fashion Week in Culver City. The students dressed & styled professional models, set up fashion show venues and watch famous designers garments strut down the runway. The Special Events class is also producing our A"wear"ness Day! It will be held on Thursday, November 20 from 10-2pm in the main quad on campus. There will be music, food, shopping and a fashion show! See attachment for flyer!**

New internships: Loren Dilullo @ Trina Turk in Alhambra.

New jobs: Jamie Stevenson was hired by Talbot's in Mission Viejo for a visuals position.



- The Fashion in Southern California class visited Quiksilver Corporate on October 24th

Internships and Employment:

- Kylie Buck - Quiksilver/Roxy Marketing Department
- Veronica Larsen - Wren Clothing
- Alexandra Banwell – Bloomingdales South Coast Plaza
- Jocelyn Ramos – Fox Racing
- Sarah Gilmore – Quiksilver Swimwear Pattern Making
- Amanda Garland – Fashion Show Coordinating for Carol Latham, special events
- Loren Dilullo -Trina Turk in Alhambra.

Employment:

- Jamie Stevenson was hired by Talbot's in Mission Viejo for a visuals position
- Cheri Wilson – Lands her first freelance job making corsets for dancers and lead actress of "Cole Porters", a musical production at Musical Theater West in Long Beach. The show is Nov. 8-10th.
- Joseph Morris- Lands a job as a designer for Marrison Kay and Seven Jeans. He has been designing/dying a line that has been picked up by Nordstrom and Macy's. He is planning on traveling to Indonesia or China to teach techniques and supervise production of the line.

Faculty News:

Judith Nowland - Associate Faculty was awarded a grant for her Externship working with South Coast Repertory. This will allow her to share her experience in the industry with her sewing classes. Congratulations JD!

Student Work:

FASH 154 – Fashion Illustration
Collage of Marilyn Monroe by Joany Hernandez



Upcoming Events:

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Department News:

Check out Saddleback' Fashion's new blog website!

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them in the industry.

Also we are on facebook (Easiest way to find it is to do a search using keywords Saddleback Fashion). www.facebook.com

We are also considering a myspace page. Stay tuned

Environmental Studies Morgan Barrows reports:

- **Biodiversity Conservation students went to The Zoological Society of San Diego's center for Conservation and Research for Endangered Species (CRES) to test frogs for the chytrid fungus.**
- **The department chair attended the Green Technology conference in Pasadena, CA to learn about how a college can become sustainable, what degrees and certificates can the college offer in sustainability; and what role the college can play in training the workforce for these green jobs.**
- **The department is currently working on establishing a "Green Technology" Certificate and a Sustainable Studies Occupational Skills Award.**
- **Course-level SLOs have been written and revised for all ENV courses.**

Electronic Technology and Computer Maintenance Technology No report:

Cosmetology Trudi Baggs reports:

- **The cosmetology classes are full, and with additional requests from students, we have added another class starting in early November. The students are lining up to attend classes at the new location for Lake Forest Beauty College. The new facility opened in September to rave reviews. The school is big and beautiful and we anticipate additional classrooms being added when the renovation of the neighboring building is complete.**
- **James Albert College of Cosmetology has also moved into their new school in Costa Mesa. They have a fabulous new location that looks more like a spa than a beauty school. The students are thrilled with the new school; and so are we.**
- **We are very proud to be able to offer our students classes at these new, state-of-the-art facilities.**
- **We are also very proud of our graduating students. Last week we had 10 students complete their 1600 hours and graduate from the cosmetology program and 15 students completed the 600 hours required to graduate from the Cosmetician program. All students will be taking the State Board exam in the next few months. We wish them success in their new careers.**
- **On Saturday, October 18th Lake Forest Beauty College sponsored a **Pamper Party** for military wives at Camp Pendleton. More than 160 wives of Marines and Navy soldiers serving in Iraq or Afghanistan**

were pampered. Most of the students who did the pampering were from Saddleback College. They shampooed and manicured for the entire day. Both students and military wives enjoyed the day. It was a win-win for everyone.



Graphic Design and Graphic Communications no report:

Marine Science Technology Diane Wenzel reports:

- **Diane Wenzel attended the California Dept. of Boating & Waterways, Boating Director's Conference at the CSU Northridge BISC – Castaic Lake. Over 25 boating directors from various college, municipalities and other organizations who provide on the water safe boating education to the general public were in attendance at the 2 day conference. Topics discussed at the conference included: Pricing of programs, working with the media, Grant Writing, and Power boat operators training/certification. The next Cal Boating Director's conference will be held in the spring in Northern California.**
- **Diane Wenzel attended the US Sailing AGM in St. Petersburg, Florida this past month. As vice chair of the Community Sailing Council, Diane ran the CSC meeting. The CSC has 3 official meetings annually. Items on the agenda included development of a 'How to start a community sailing' handbook; ideas for workshops at the National Sailing Programs Symposium (to be held in San Diego, January 2009); branding of US Sailing to accredited Community Sailing Centers. Besides the CSC meeting, Diane served as a delegate to the US Sailing BOD at its annual meeting.**

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