

MESA Weekly News – Aug 15th

Welcome back to campus for the fall semester! Drop by to say hello and bring fellow students by to join MESA this year. There are lots of activities lined up for the fall semester and I've listed many of them in this newsletter so you can mark your calendars. Here's your MESA News highlighting things to do, deadlines and activities going on in the next few weeks.

Free MESA T-Shirts! For all new students who join MESA during the first two weeks of the fall semester! Come by the MESA Office, fill out the yellow MESA application form and meet with Cathy to get your free t-shirt.

TO DO THIS WEEK

- **Sign up to work at the MESA Center this fall!** We have opportunities for tutors, class reps, project coordinators, study break organizers, data analysts and more. Lots of jobs for students (\$10/hour) – come see Cathy at the MESA Office
- Help **recruit MESA students** at the campus-wide barbecue (Aug 27th) – sign up at the MESA Office this week
- **UC Davis Transfer Agreement Guarantee** – heed the advice of MESA Transfer students and get at least one TAG in place if you're planning to transfer in Fall 2009. UC Davis has already sent info on their TAGs. Check in with your counselor, Lyn Belingeri or Soraya Sohrabi if you'd like to get a TAG for UC Davis.

Classes to Consider

- **3D Spatial Visualization** -- mART 680 CRN 91658 (online course, 1 unit)
Visualizing three dimensional objects is an important skill for many careers, e.g., animation, video game design, engineering, math, physics, biology, chemistry, design... the list goes on! It can help students working with Maya, AutoCad, Interior Design software and many other 3D software programs! Improve your ability to mentally manipulate 2-dimensional and 3-dimensional figures. An essential skill for career success, this course is an introduction to 3D Spatial Visualization for engineers, architects, biologists, computer programmers, video game artists, animators, and geologists. This course was created through a National Science Foundation grant to help students who have the ability but not the experiences using 3D spatial skills needed for **Engineering, 3D Animation, Math, Physics, Biology, Chemistry and Design**.
- **CROSSING BORDERS: NO MORE MATHEMATICAL LIMITS** (HUM 680CA BL3)
Students eligible for Math 110 can join this math learning community and **complete two semesters of algebra in just one!** Explore algebra through real world applications in accelerated format to get you ready for transfer level math, science, engineering, and more. Students enroll in HUM. 680 BL3 (CRN 91653) and receive credit for MATH 110

(5 units), MATH 120 (5 units), CRER 680CB (1 unit) and CRER 680CA (2 units). This math group is going to be very connected with MESA students who started out in Algebra and are preparing to transfer in engineering, science and math majors. *If you are a current MESA student who started out in Algebra and would like to be involved in working with this class as a tutor or mentor please contact Cathy at the MESA Office.*

On-Campus Science Speaker

“Ethical Issues of Biotechnology“ UC Davis Professor, Dr. David Gilchrist, Saturday, Sept 6th @ Canada College – sponsored by GeneConnection & Canada’s Chemistry Department 10am Dr. Gilchrist’s talk begins (free breakfast at 8:30am and a free lunch at noon) You can also encourage your high school science teachers to come for free. **RSVP required by Sept 2nd at: www.geneconnection.org**

Trips to Universities

- Sept 26th – MESA Field Trip to **CalPoly Engineering** (San Luis Obispo, CA) <http://ceng.calpoly.edu/about/>
- Early Nov – **UC Berkeley** Community College Day (Engineering & Biology Scholars programs)
- Nov 7th – **UC Davis** Community College Transfer Day for Science, Technology, Math and Engineering Majors

Industry Field Trips & Conferences

- **MESA BA-STAR Science Symposium** (Sacramento, CA) -- Sept 19th-20th
- **Pre-Med Conference @ American River College** (Sacramento, CA) Oct 4th & 5th -- Registration open now: <http://conference.amsaarc.org/>
- **MESA Job Shadow Day at Google’s Headquarters** (Mountain View, CA) Friday, Oct 17th – Computer Science and Computer Engineering majors sign up at the MESA Office
- **Chicanos in Healthcare Education (CHE) Dia de los Muertos Conference** -- date TBD in early Nov.
- **Society of Hispanic Professional Engineers (SHPE) National Conference** (Phoenix, AZ) -- Nov 12 – 16th -- <http://oneshpe.shpe.org/wps/portal/shpe2008>

MESA Outreach On-Campus:

We need YOU to reach out and recruit students to join the MESA Program! Student-to-student outreach is the most effective in getting new students involved in MESA activities. Sign up at the MESA Office to help out in any of the following ways:

- Be a MESA Class Rep for one or more of the classes you're taking – announce weekly MESA news, encourage students to come with you to MESA activities and workshops.
- Aug 27th – Spread the word about MESA at the campus-wide barbecue
- Oct 28th – Represent MESA at Canada's ESL Transfer Discipline Parade 8:30 -10:00 AM and 6:30 – 8:00 PM (Canada College)
- Oct 29th – Represent MESA at College Transfer Day 6:30 – 8:30 PM (Canada College)
- Oct 30th – Represent MESA at High School College Night 6:30 – 8:00 PM (Canada College)

Scholarships:

Scholarship to attend the Celebration of Diversity in Computing Tapia Conference – **Deadline Oct 15th** – For anyone interested in computer science or computer engineering. Conference is in Portland, OR April 1st-4th -- Apply online <http://www.tapiaconference.org/2009/>

Hispanic Scholarship Fund (HSF) – scholarship applications accepted on-line starting Sept 1st (deadline Feb 18th) <http://www.hsf.net>

Transfer Applications:

UC – http://www.universityofcalifornia.edu/admissions/undergrad_adm/apply_to_uc.html

Spring 2009 transfer application deadline: **Oct 31st**

Fall 2009 transfer application deadline: **Nov 30th**

CSU -- http://www.csumentor.edu/admissionapp/undergrad_apply.asp

I look forward to seeing everyone stop by the MESA Center or email me to set up a time to get together. Have a great week and welcome back to campus!

Cathy – Cathy Lipe, MESA Program Coordinator, office 9-251A lipec@smccd.edu