"Do not worry about your difficulties in mathematics; I can assure you that mine are still greater."
"Imagination is more important than knowledge."
Albert Einstein

Student News

**Henry Haughton**, former student in the Saturday Science program led by **Dr. Alfred Buchanan**, is now at Harvard Medical School on a full four year scholarship, after graduating from UCLA. He had been accepted to all of the major medical schools in the US before accepting Harvard's offer. According to Dr. Buchanan, Mr. Haughton told him he wanted to be a cardiovascular thoracic surgeon when Al first met him at the age of 12!

**George Yeh** (Bio 21-22-23, 45W) is presently at UCLA and is helping on Team PVBB, where he is helping to rear the Federally endangered Palos Verdes blue butterfly. According to **Jana Johnson**, an adjunct professor in our department and leader in this effort, George has obtained a subpermit from the USFWS to carry out this work. Jana notes that this has been a record year, as they are approaching 4000 butterflies and may reach 5000, with the intent of reintroducing all by 600 specimens. The wild population in 2008 will jump from ~200 to ~3700+ butterflies!

**Gil Hoffman** (Bio21-22-23) has been accepted and will join the University of Pittsburgh/Carnegie Mellon Medical Scientist Training Program (MD/PhD), where he will for the next 7+ years.

**Manny Ziegler** (Anat 1 [Azuma], Anat 2 [Wissmann], Physio 2 [Bober], and Micro 1 [Kluckhohn-Jones]) reports that she graduated

Things to do.....

**TUTORS NEEDED:** Students who have successfully completed Life Science Dept courses such as Biology 21-22-23 (formerly Biology 6A-B, 7), Botany, Microbiology, Zoology 5, Anatomy1 and 2, Physiology 3 and are interested in teaching can be tutors. Contact faculty members in those disciplines for further information.

**HABITAT WORKS:** If you are interested in the environment or volunteering for wildlife or habitat conservation projects around Los Angeles or Southern California, check out this great organization.


**Care-Extender Program** at Santa Monica-UCLA Center. Get experience in Health Care! CALL 310.319.4398

**DONATING BLOOD?**

To donate blood, call 1.800.GIVELIFE or 1.800.448.3543. Call between 8am to 9pm to schedule an appointment.

American Red Cross of Santa Monica, 1450 Eleventh Street at Broadway, Santa Monica. 2nd and 4th Monday of each month, except
magna cum laude from Mt. Saint Mary's College with a B.S. in Nursing. She will start work in September at Children's Hospital in Los Angeles, one of the best nursing residency in the U.S. A couple of other SMC students graduating with Manny include Joe Umbrino, Stacy Gruenloh, and Jennifer Price.

Students interested in summer research programs such as the one above can go to the link provided by Aram Kim (Biology 23, Spring 2004) at http://www.nsf.gov/home/crssprgm/reu/start.htm
http://www.yale.edu/necuse/
http://www.the-aps.org/education/ugsrf/SumResLINKs.html
http://research.berkeley.edu

Book:

Internet Sites:
MaryLynn Stephanou notes that the Encyclopedia of Life has launched its first demo pages at http://www.eol.org/demonstration.html "Scientists at some of the world's top institutions have started work on an online catalog of all of the world's 1.8 million documented species. The Encyclopedia of Life will provide free, instantaneous access to info on all documented animals to experts and novices alike. The site will feature wiki-style elements, though it will be overseen by scientists. . . The Field Museum of Natural History, Harvard University, Marine Biological Laboratory, Smithsonian Institution and Biodiversity Heritage Library joined together to initiate the project. Other institutions, of course, will be tapped worldwide to help complete the immense project."

There is turtle/tortoise sanctuary/rehab place in Malibu. The contact info is as follows: 23852 Pacific Coast Highway, Suite 928, Malibu, CA 90265; call 800.938.3553; fax 310.470.4114; email info@tortoise.com; Internet http://www.tortoise.com. The group is non-profit and will take abandoned tortoises/turtles and try to place individuals in adoptive homes. We have not checked this place out, so any feedback is welcome.

American Red Cross of Greater Los Angeles, West District Office, 11355 Ohio Avenue, West Los Angeles (enter from Sawtelle extrance at V.A. Facility) 12pm to 7pm. 2nd and 4th Saturday of each, except holidays, 7am to 1:30pm.

A REAL DEAL is donating blood at St. John's Health Center, where perks include a free cholesterol test, pair of free AMC theatre movie passes, and entry into a monthly drawing. Platelet donations, a process which takes about twice as long, earns more movie passes! Call 310.829.8025 for details and an appointment. There is also free valet parking for all donors.

Faculty and Staff NEWS

Walter Sakai with the help of Glen Sakai and Jason Ho (former SMC student & Life Science Dept student help, and presently a high school science teacher) participated in the 21st annual Bug Fair at the Natural History Museum on May 19-20, 2007. Their display was entitled, Arthropods in Education.

Jana Johnson, an adjunct faculty member, also had a table providing information on the Federally endangered Palos Verdes blue butterfly. More information can be found in this newsletter above.

Lucy Kluckhohn-Jones just returned from the 107th General Meeting of the American Society for Microbiology in Toronto in May, where she gave a paper as part of a session co-sponsored by Division C (Clinical Microbiology) and Division W (Microbiology Education). The session was called Pooling our Intellectual Resources: Microbiology Education and the Clinical Microbiology Workforce. Lucy's paper was "Teaching Undergraduate Microbiology: How Can Clinical Folks Help Us?"
GLOBAL WARMING!

Online questionnaires to calculate your current energy use. [http://safeclimate.net/calculator](http://safeclimate.net/calculator). The carbon equivalency calculator translates units of greenhouse gases saved in easily understandable equivalents: gallons of gas saved, acres of forest preserved, etc. The listed site is usctcgateway.net/tool. Did not work recently though.

DEPARTMENT NEWS

New offering: Hybrid online Physiology 3 (Human Physiology) will be offered for the first time Fall 2007. The lecture will be taught online via the internet and the lab will meet on campus. The lab meets once a week on Wednesday. There will be two sections: 11:15am - 2:20pm and 2:45 - 5:55pm. For additional information go to [http://homepage.smc.edu/azuma_kay/](http://homepage.smc.edu/azuma_kay/) or contact azuma_kay@smc.edu for more information.

NATURE NOTES: California Poppy

This became California's State Flower on March 2, 1903, winning over the Mariposa Lily and the Matilija Poppy. It grows over most of the date. It was first described by Adelbert von Chamisso in 1816, when he was part of Otto von Kotzebue's scientific expedition to California and the north Pacific region from 1815-1818. When the expedition landed in San Francisco in October, 1816, it was one of the few flowers still in bloom. Chamisso named the flower in honor of his friend, Johann F. Eschscholtz, the ship's surgeon, hence the name *Eschscholtzia californica*.

The California Poppy is often mentioned as the flower in the poppy fields that made Dorothy and her friends fall asleep by the side of the yellow brick road in the Wizard of Oz, but it is most likely that the poppies in question were Opium poppies.

On the other hand, a medicinal use of the California Poppy includes a sedative effect for treating nervousness and insomnia.