### Announcements:

- **FAFSA**
  Applications for initial awards are Due by March 2, 2011

- **Adding Classes**
  Last Day to add without a fee is February 11, 2011
  Last day to add WITH a $10 fee is February 18, 2011

- **Dropping Classes**
  Last Day to drop without college dean's signature is April 22, 2011

- **CR/NC or Auditing classes (non major classes only)**
  Last Day to file for CR/NC or Auditing is February 11, 2011
  Last Day to file for CR/NC or Auditing with a $10 fee is February 18, 2011

- **WPE**
  Next WPE is on April 16, 2011 – Registration for this Exam is Due March 25, 2011.

### Upcoming Events:

- **SAACS**
  Coffee and Donut Hour with the Chemistry faculty is back! Come chat with the faculty members from 10-11am Fridays at the MLSC Patio.

- **Chemistry Department**
  If you enjoy playing soccer please come join Dr. Derakshan, Weers and Shon Fridays at 4pm on campus near the Recreation Center. Everyone is welcome!

- **Seminar Series**
  “Complex Molecule Synthesis as a Fuel for Discovery”
  presented by **Dr. Neil Garg** from UCLA
  - **When:** February 16, 2011 at 4pm in PH2-110
  - **Hosted By:** Dr. Buonora - Please contact him for more info or if you would like to join the speaker for a free lunch

  “Base- and Ligand-Free Copper Catalysis”
  presented by **Catherine Larsen** from University of California, Riverside
  - **When:** February 23, 2011 at 4pm in PH2-110
  - **Hosted By:** Dr. Martinez - Please contact him for more info or if you would like to join the speaker for a free lunch.

### College and Career Center:

Learn how to…

- Search and secure an internship on February 14 from 1-2pm (Location TBA)
- Write a resume at BH-250 on February 15 from 1-2pm
- Assess and build transferable job skills on February 17 from 12:30-1:30pm at BH-250
- Write a letter of recommendation February 21 at 3-4pm at BH-250
- Create your career portfolio at BH-250 on February 24 from 1-2pm
- Use online tools to explore careers at BH-250 from 1-2:30pm on February 23

*Graduate School: The Dos and Don’ts will be held at BH-250 on February 21 at 12-1pm
Dr. Schramm grew up in Syracuse, New York where he received his Bachelor’s degree from The State University of New York College of Environmental Science and Forestry. He went on to earn his PhD from The University of Chicago where the focus of his research was a strategy called “small molecule libraries” in order to develop new drugs and therapeutic compounds. It took him three years to make the first twenty compounds and three weeks to go from twenty to fourteen hundred compounds. His next accomplishment was his Post Doc work done at The Scripps Research Institute in La Jolla, California. His artwork, a graphical depiction of a computer rendered capsule molecule (on next page), was featured in the Chemistry of European Journal 2006 Volume 12 Issue 23. However, Dr. Schramm considers the Mayfield Award for Outstanding Professor in Science and Math as one of his greatest accomplishments.

Dr. Schramm is now a professor here at CSULB and teaches Organic Chemistry courses for Chemistry and Biochemistry majors. For those of you who have taken his course, you know it requires hours upon hours of dedication and study. Word gets around that Organic Chemistry is the hardest class because of the insane amount of memorization. However, according to Dr. Schramm, “It’s not a class in memorization, but a class in thinking. Almost like a class in logic, like in mathematics. So if you know a certain series of facts, such as facts about chemicals or chemistry, you can apply them in a logical and predictable way to new problems.” His door is always open to students who would like more words of wisdom or help with organic chemistry.

Dr. Schramm’s field of interest here on campus is on molecular recognition. Of the three current projects relating to that topic, the first is the development of organic molecules that look and behave like proteins to improve chemotherapy treatment. His second project deals with the process of shuttling molecules across selective cell membranes. Normally, cells would like to stop most things from entering its membrane but this technology would allow various molecules to enter the cell when the need may arise.

Dr. Schramm’s advice about doing research here on campus is to first find a topic that you are interested in, and then if you have a sincere interest or questions about the projects being worked on, the best thing is to speak to the professor about it. “A simple naïve question” could be a way of engaging a professor to elaborate on their research. Most importantly, Dr. Schramm chooses to teach because he enjoys interacting with students and wants to help them reach their goals and become successful. If you have an interest or better yet, a passion for learning more than what is required to be taught in class, then he is the professor to visit.
Dr. Schramm’s artwork was featured in the *Chemistry of European Journal* (2006)

**Fun Facts about Dr. Schramm:**
- Hobbies: Surfing, meditation, aikido
- Musical Interest: Wide array ranging from Aphex Twin to Morrissey
- Favorite Directors: David Lynch, The Cowan Brothers, Quentin Tarantino, Darren Aronosky
- Ethical Vegan
- Jealous of Dr. Roger Acey’s “racey” e-mail.

**Contact Information:**
- Office: MLSC 335
- schramm@csulb.edu
- (562) 985-1866

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**Beaker Box**

**“What would you like to research here on campus?”**

It can be anything. Here’s your chance to tell professors here on campus your ideas! Who knows? Maybe one of them will jump on your idea. You can email us your ideas at thebeakercsulb@gmail.com or call us at (562) 204-6222 and leave a message. We just might include it in the next issue. Don’t be shy. Let your voice be heard!

**Upcoming Article**
- Faculty Spotlight with Dr. Shahab Derakshan
- Your responses to the Beaker Box
- More Chemistry FUN!

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**The Beaker Staff:**
Editors in Chief: Cindy Pham and Andrew Sykahua
Editors: Angel Meza, Ian Henley, Karen Yu
Advising Professor: Dr. Brian L. McClain