Hi Secondary Folks –

There are two FREE 2-day summer workshops being held at CSULB this summer. At the conclusion of this 2-day hands-on workshop participants will receive a copy of the student book and samples of equipment and materials.

Location: CSULB
Dates: Thursday and Friday, August 11 & 12th
**Times: 9:00-3:30 Thursday Aug 11, 8:30-3:00 Friday, Aug 12**
Space is limited to 30 participants per program. A small number of pre-service teachers are eligible to participate. Contact us to see if there are spots available.

RSVP to: Natalia Mora (Natalia.mora@csulb.edu) with the following information
Name:
Email address:
Cell phone:
Preservice or Inservice status?
School/district?

We will follow-up with you to confirm your participation and provide parking and room information. Please only sign-up if you are able to join us for this exciting opportunity.

Have a great summer.

Laura Henriques

**New Tools for Teaching High School Biology: Focus on Genetics and Evolution**
Mark Koker, LAB-AIDS and Presenter TBA

*Science and Global Issues: Biology* is a new course developed at the Lawrence Hall of Science at the University of California, Berkeley. This two-day workshop provides an overview of the program with hands on activities to support the Genetics and Evolution units. The workshop provides **tools to help your students understand key biology concepts as they investigate issues in the use of GM organisms, particularly in the production of agricultural crops, and conserving genetics, ecosystem, and species diversity. Students ultimately propose a course of action in the scenario developed in each unit, citing scientific evidence to support their proposal and addressing the trade-offs associated with the suggested course of action. Specific strategies and support for literacy, technology and assessment will be presented.** NGSS and Common Core alignment documents will be shared with all participating teachers.

*The workshop is appropriate for all high school biology teachers. Teachers will receive a copy of the student book and samples of equipment and materials.*
New Tools for Teaching High School Chemistry
Andrew Uy, Loyola High School of Los Angeles, and Mark Koker, LAB-AIDS

A Natural Approach to Chemistry (NAC) is written by Hsu, Chaniotakis, Carlisle, and Damelin, and is appropriate for all non-AP classes. It is based on the assumption that all students can learn chemistry, uses examples from the chemistry of the human body and natural environment to develop core chemistry content, that complex chemistry can be better understood with a focus on the atomic and molecular levels, and that laboratory exercises are essential to the understanding of chemistry. Join us for a deeper drill into basic and challenging topics including atomic structure, bonding, stoichiometry, and pH. Specific strategies and support for literacy, technology and assessment will be presented. These two days will have a very active, lab-oriented approach using specially designed probe ware, including a spectrophotometer, designed for the course. NGSS alignment documents will be shared with all participating teachers.

The workshop is appropriate for all high school chemistry teachers. Teachers will receive a copy of the student book, lab manual, and samples of equipment and materials.