

**Chemistry Department Seminar**  
**Spring, 2012**  
Schedule as of Mar. 4, 2012

| Day     | SPEAKER   | TOPIC/Title  |
|---------|---|--|
| Jan. 27 | Roy Dixon   | Organizational Meeting: Overview and Tips for Student Presentations  |
| Feb. 3  | Jim Ritchey   | Intellectual Property/Patent Law with a "Chemical/Biotech Bias"  |
| Feb. 10 | Mike Cleary, Hui Chong, and Phillip Chou (EJ Gallo)   | Chemistry and Sensory of Different Wine Varieties  |
| Feb. 17 | Handeep Kaur* (UC Davis)  | Application of Heterocyclic Molecules in Semiconductor, Medicinal and Solid-phase Organic Chemistry        |
| Feb. 24 | Michelle Hladik (USGS)  | Occurrence and fate of current-use pesticides in aquatic environments                                      |
| Mar. 2  | <b>Cancelled</b>  |  |
| Mar. 9  | Greg McAlpin (UC Davis)#  | Catalytic Water-splitting for Long-term Energy Storage   |
| Mar. 16 | James Chan (Dept. of Pathology and Laboratory Medicine and Center for Biophotonics, UC Davis) | Non-invasive Single Cell Cytometry Using Label-Free Biophotonic Techniques                                 |
| Mar. 23 | SPRING BREAK  | No Seminar   |
| Mar. 30 | CESAR CHAVEZ DAY  | No Seminar   |
| Apr. 6  | CSUS Undergraduate Seminars   | TBA  |
| Apr. 13 | Olivier Daupremont (AMPAC Fine Chemicals)   | Use of Chromatography for the Manufacturing of Active Pharmaceutical Ingredient – Thinking Outside the Box |
| Apr. 20 | Marc Anderson (SFSU)  | Synthesis and Evaluation of Urearetics: A Novel Class of Urea-Transport Targeting Diuretic Agents          |
| Apr. 27 | Ben Topham* (Princeton University)  | Molecular potentials and electrostatic effects in organic thin films                                       |
| May 4   | Allan Morrison (Cal. Dept. of Food & Ag)  | TBA – on analysis of biodiesel   |
| May 11  | William DeGraffenreid (CSUS Physics)  | Cavity Ring Down Spectroscopy: Kilometer Pathlengths on a Tabletop   |

\* CSUS Alumnus

# Change to original schedule