



**American Chemical Society  
Orange County Section**

**College Awards Dinner Banquet**

**Thursday, April 22, 2010**

**Concordia University, Irvine**  
1530 Concordia West, Irvine, CA 92612

Grimm Hall 128 (Social & Dinner)  
Grimm Hall 120 (Presentation and Awards Program)

Registration & Social	:	6:00 p.m.
Dinner	:	6:30 p.m.
Speaker Presentation	:	7:15 p.m.
Awards Program	:	8:00 p.m.

**Air Quality Management in the South Coast Basin:  
A Chemist's Perspective**

**Jason C. Low, Ph.D.**  
**Science and Technology Advancement**  
**South Coast Air Quality Management District, Diamond Bar, CA 91765**

**Abstract:** The presentation will cover a chemist's perspective working in the organization performing air quality regulation in the jurisdiction covering one of the nation's most polluted air environments. The presentation will briefly summarize some of the toxic chemical emissions, chemistry, meteorology and transport which contribute to the challenges in regulating air quality in Southern California and then give an inside view of the role of the South Coast Air Quality Management District and the types of positions responsible for enforcement, technology development, air monitoring, chemical analysis, and policy making.

**Biography:** Dr. Jason Low is the Quality Assurance Manager of the Monitoring and Analysis Division. He leads the Branch that is responsible for ensuring the quality of the environmental measurement data produced by AQMD meets or exceeds the state and federal specifications. He graduated from the University of California, Irvine with a B.S. in Chemistry, a B.S. in Biology, and an M.S. and Ph. D in Analytical Chemistry with a focus on atmospheric chemistry. His graduate research involved ambient air studies which included one in the South Coast Basin. He gained six years experience as an Air Quality Chemist and half a year's experience as a Senior Air Quality Chemist in the AQMD laboratory performing technical analytical work on projects related to federally mandated programs such as PAMS and PM2.5 monitoring. He has taken the lead on special projects within large studies such as MATES III and also coordinated laboratory involvement in the AQMD emergency response program which included outreach to local first responder agencies. His current role at the AQMD provides him the responsibility for the implementation, development and assessment, maintenance of the Monitoring and Analysis Division quality system which encompasses the project documentation, methods, training, and QC work performed in the Laboratory and Source Test Engineering and Atmospheric Measurements Branches. Also, he is a co-coordinator for the AQMD monitoring response to regional wildfires that may affect ambient air quality.

**Reservations:** Please contact Dr. Terri Speakman no later than April 15, 2010 (Thursday) 12 noon to make your reservation. She can be contacted by E-mail: [tspeakman@gwc.cccd.edu](mailto:tspeakman@gwc.cccd.edu) . Please provide the names and affiliations of those coming to dinner and a contact address and phone number. All requests for any change in reservation must be received by 12 noon on 04/19/10. Guests will be billed for the full amount for all cancellations received after the 04/19 deadline.

**Menu:** Italian Buffet \*\*Vegetarian option available with advance request\*\*

**Cost:** \$20 per person. Please pay on arrival (cash or check to OCACS)

**Directions:** From the 405 Freeway, take Jeffrey-University exit, and then drive west toward UC Irvine. Turn left from University onto Ridgeline, then immediately right onto Concordia. Gate attendant will direct you to free parking and OCACS College Awards Dinner.