Dr. Jeanette Medina Wins Teacher-Scholar Award
ACS President Tom Lane to Present Award

Professor Jeanette Medina, an exemplary faculty member from the Chemistry Department at Cañada College, has won the first Teacher-Scholar Award for Community College Chemistry Faculty. Jeanette will speak briefly about some of the activities that helped bring her this award. She has taught chemistry for 13 years and despite being in the relatively early stages of her career at the time, has been awarded three NSF grants that benefit students at her college as well as local elementary teachers. She is involved in numerous outreach activities which encourage or spark an interest in science in general or chemistry in particular. She developed an honors level chemistry class for her college’s new honors program. Jeanette will receive a plaque and $500, with another $500 going to her department at Cañada College.

Tom Lane, the president of the American Chemical Society, will be with us to present the award. We are expecting him to talk about the importance of community college education not only to the academic world, but also to chemical industry, and why he himself so strongly supports community colleges.

The ACS gives awards at local, regional and national levels, for excellent teaching at high

continued on next page
It's time to celebrate National Chemistry Week 2009! October 18-24th is designated as our special week this year and we hope you will join our celebration of "Chemistry—It's Elementary!" in honor of the 140th anniversary of Mendeleev's Periodic Table of the Elements. This year we've got three great activities planned to help you celebrate!

First up, our fun annual public outreach booth will take place on Saturday, October 17th from 10 a.m. -1 p.m. at the MLK Jr. Library in downtown San Jose (150 E. San Fernando St., San Jose). Of course, the crowd-favorite Wheel of Chemistry Fortune will be spinning for all kids to win a prize, and we'll have fun hands-on activities for kids. This will also be your opportunity to pick up your free copy of "Celebrating Chemistry", the NCW newsletter for elementary-aged children. To volunteer, or for more information, please contact Abby Kennedy (akennedy@exelixis.com). Hope to see you there!

As our highlight event for NCW this year, Brian Malow presents "Rational Comedy for an Irrational Planet" – an evening of science humor. "It's as much about expanding the mind as it is tickling the funny bone," said The Washington Times. An evening of science-flavored stand-up from Brian Malow, Earth's Premier Science Comedian. Let Brian be your tour guide for this evening's humorous exploration of the expanding universe! As seen on NBC's Late Late show with Craig Ferguson, Brian is a life-long fan of science and science fiction, and has developed a brand of intelligent, imaginative comedy that delights audiences! Brian has performed in nearly 40 states, and has shown no interest in the others.

He'll be headlining at the Rooster T. Feathers Comedy Club on Wednesday, October 28 at 8 p.m. (doors open at 7:15) at 157 W. El Camino Real, Sunnyvale. This event is open to the public for $15, but your admission can be free! The first fifty Section members to sign up online will receive a free ticket for themselves and for one guest for this great show. Please note that, like most comedy clubs, you will have a two-item minimum purchase per person once you're in (appetizers/drinks). Go to www.scvacs.org/Local_Folder/malow.htm to get on our VIP list and for more details! To purchase tickets in advance for friends and family (the free admission is only for Section members and one guest; also note that there's no admittance to anyone under 21), go to www.roostertfeathers.com.

Finally, the 2009 K-12 national poster contest takes place this month, focusing on fun, motivational, and inspiring representation of an element or elements in the periodic table. For details, please email Abby Kennedy (akennedy@exelixis.com) for full contest guidelines. Posters must be received no later than October 19, 2009 to qualify.

Chair's Message, continued from front page

Brian's comedy covers a broad range of science from relativity and quantum physics to space travel and time travel, robotics, the internet, to black holes and alien life in the far reaches of the expanding universe. This show will be "Rational Comedy for an Irrational Planet" - A great general presentation including material about everyday technology - computers, cell phones, snooze alarms - as well as the environment, food, smoking, birth, aging, and science fiction movies. He has entertained the National Academy of Sciences, Microsoft, Apple, Dell, the American Chemical Society (National), and the National Association of Science Writers. Now, it is our turn. Please go to our website (www.scvacs.org) and sign up for your free tickets.

The other event that you should be sure to make note of is our November dinner meeting. We will be hosting a presentation by Dr. Tom Lane, President of ACS who will be presiding over the inaugural presentation of the Teacher-Scholar Award for Community College Chemistry Faculty. Dr. Lane will be making the presentation to the award recipient, a professor from a local community college. We have invited several State and Federal politicians who are interested in STEM (science, technology, engineering and math) education and hope to generate some “buzz” around this meeting.

It is shaping up to be an interesting fall at SCV. I hope to see you at these events.

Chair's Message, continued from front page

The first fifty Section members to sign up for Community College Chemistry Faculty. Dr. Lane will be making the presentation to the award recipient, a professor from a local community college. We have invited several State and Federal politicians who are interested in STEM (science, technology, engineering and math) education and hope to generate some “buzz” around this meeting.

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Photos from the September 17th Dinner Meeting with Dr. Thomas Passell
by Lois Durham

INTEL International Science and Engineering Fair (ISEF2010)
San Jose, CA  May 9-14, 2010  Tuesday 4-9 pm and Wednesday 8-6 pm
Some VOLUNTEERS needed all week  JUDGES for Student Projects needed
For more information see: www.societyforscience.org/isef/index.asp
Local Contacts:  Dr. Howard Peters  peters4pa@sbcglobal.net
                Dr. Roy Okuda  okuda@sjsu.edu
                     INTEL ISEF2010  Board of Directors

Section Election
Voting in our 2009 Section election will begin on Monday, October 19 and end on Monday, November 23. Watch for an e-mail or a postcard with voting instructions shortly before the beginning of this period, and PLEASE VOTE!
Councilor Talking Points from the Washington National Meeting

August in Washington, DC, is too damn hot! I apologize for holding the meeting in our nation's capital (and headquarters of the ACS) in August, as I was a member of the Meetings and Expositions Committee that made that decision 12 years ago! Why are we there in August? In a nutshell, it is cheaper. Congress is not in session and the 5,000 hotel rooms that are required are at more reasonable rates. We do not return until 2014 – in March. So then I will complain about how cold it is!

This was the largest meeting we have had in WDC with 14,319 registrants, including 3,159 student members. The new Walter E. Washington Convention Center was very accommodating, contained interesting art work, but was located far from most of the hotels. The Exposition was spacious with wide aisles and places to sit after touring the 453 booths presented by 307 exhibitors. I have never seen so many booths sponsored by government agencies, i.e. Oak Ridge National Lab, National Library of Medicine, the National Research Council, and even the FBI!

The Career Fair was held in the Convention Center. Forty-three employers were interviewing to fill several positions a piece, and 983 members were registered as interviewees.

The council meeting was long and active with committee elections, petitions, reports from the officers, and reports from various committees.

The candidates for the fall 2009 ACS national election were announced as follows:

Nancy B. Jackson, International Chemical Threat Reduction Department;
Manager, Sandia National Laboratories, Albuquerque, NM

Cheryl A. Martin, Currently on sabbatical; former Corporate Vice President and General Manager, Rohm and Haas Company, Philadelphia, PA

Mary Virginia Orn, Professor of Chemistry, College of New Rochelle;
New Rochelle, NY

As of July, the Society has 160,964 members including 9,732 Student Members. The provisions of the Petition on Membership Categories and Requirements were fully implemented this past June with the transfer of former Student Affiliates to Student Member status, and Associate Members to regular Member status.

Everyone is concerned about their finances in this time of recession and the Society is not different. The news from the Budget and Finance Committee and the Chair of the Board was positive. The Society is projected to end the year with a net contribution from operations of $11.2 million, or $528,000 favorable to the 2009 approved budget. The favorable projection is largely the result of Contingency Plan actions and expense management initiatives implemented in early 2009, which are expected to fully offset revenue shortfalls in the Approved Budget across several categories.

Two petitions occupied a great deal of ‘floor time’ with comments from the councilors and ex officio members. A petition for ‘urgent action’ on Candidate Selection by Member Petition proposed to permit candidates to be selected by a petition process from members. To be considered for urgent action, the petition required a ¾ affirmative vote. After considerable discussion, a vote to consider the petition at the 2009 fall meeting FAILED. Absent urgent action, the Petition on Candidate Selection by Member Petition will now be up for action at the 2010 spring meeting.

CHEMEMPLOYMENT ABSTRACTS OCTOBER 2009

CHEMEMPLOYMENT ABSTRACT 3940

**Position Title:** Lecturer, Chem 152 (Thermodynamics) - Part Time - Start Date 01/04/2010

**Job Description:** Planning and teaching one section of Chemistry 152 (Thermodynamics); Consulting with tenure-stream faculty regarding course content; Specific teaching responsibilities are posted at:
http://www.scu.edu/cas/chemistry/Job-Opportunities.cfm

**QUALIFICATIONS DESIRED:**

**Education:** Ph. D. in Chemistry

**Experience:** Prior experience teaching physical chemistry at the undergraduate level is preferred, and experience teaching at SCU is advantageous.

**LOCATION, SALARY, EMPLOYER DESCRIPTION:**

**Job Location:** Santa Clara University, Santa Clara, CA

**Salary:** $5,500

**Employer Description:** Department of Chemistry & Biochemistry at Santa Clara University, a Catholic, Jesuit university with an ACS-approved undergraduate program

Application Instructions: Submit a curriculum vitae, a statement describing applicant’s experience or interest in working with people of diverse cultures and identities, a copy of graduate transcripts, and two letters of recommendation before 10/16/2009 to Dr. Jack Gilbert, Chair, Dept of Chemistry & Biochemistry, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053.

E-mail: jgilbert@scu.edu.

CHEMEMPLOYMENT ABSTRACT 3941

**Position Title:** Lab Lecturer, General Chemistry III Lab - Part-time - start date 3/29/2010

**Job Description:** Planning and teaching one or more laboratory sections of Chemistry 13 (General Chemistry III); Coordinating with other Chemistry 13 laboratory instructors through regularly scheduled meetings; Specific teaching responsibilities are posted at:
http://www.scu.edu/cas/chemistry/Job-Opportunities.cfm

**QUALIFICATIONS DESIRED:**

**Education:** M.S. in Chemistry (Ph.D. desirable)

**Experience:** Prior experience teaching general chemistry laboratory essential

**LOCATION, SALARY, EMPLOYER DESCRIPTION:**

**Job Location:** Santa Clara University, Santa Clara, CA

**Salary:** $3,300 per laboratory section

**Employer Description:** Department of Chemistry & Biochemistry at Santa Clara University, a Catholic, Jesuit university with an ACS-approved undergraduate program.

Application Instructions: Submit a curriculum vitae, statement describing applicant’s experience or interest in working with people of diverse cultures and identities, a copy of graduate transcripts, and two letters of recommendation before 2/19/2010 to Dr. Jack Gilbert, Chair, Dept of Chemistry & Biochemistry, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053.

E-mail: jgilbert@scu.edu.

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meeting of the Council.

Next, the Council discussed in great detail the Petition on Election Timelines and Procedures 2009. This petition proposes to shorten certain election timelines and change petition candidates (who go straight on the ballot if they obtain enough signatures) to petition nominees (who need to be screened by Council along with other nominees chosen by the Committee on Nominations and Elections). After rejecting a request to have a recorded vote, the Council VOTED to recommit the petition to the Committee on Nominations and Elections with instructions. Following this action, N&E sought input through a nonbinding survey to help guide their revisions. A revised petition will likely be up for action at the 2010 spring Council meeting.

The Council meeting in San Francisco in the spring will therefore be long and active!

A hot topic discussed during the committee reports was the decision to not run the shuttle buses between the convention center and the hotels during the middle of the day. A young councilor from New York City enumerated all of the problems that decision created. The chair of M&E replied that it was an experiment, and the experiment failed!

The Spring 2010 National Meeting and Exposition will be in our own backyard, San Francisco. The theme will be Chemistry for a Sustainable World. Plan to present a paper, attend presidential sessions, tour the exposition, and VOLUNTEER! http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_TRANSITIONMAIN&node_id=2060&use_sec=false&sec_url_var=region1&_uuid=0a574587-16db-40b1-972e-ca99064d1a6c

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**CHEMPSLOYMENT ABSTRACT OCTOBER 2009**

**CHEMPSLOYMENT ABSTRACT 3942**

**Position Title:** Part-time Lecturer, Chem 150 (Biophysical Chemical) - Start date 3/29/2010

**Job Description:** Planning and teaching one section of Chemistry 150 (Biophysical Chemistry); Consulting with tenure-stream faculty regarding course content; Specific teaching responsibilities are posted at: http://www.scu.edu/cas/chemistry/Job-Opportunities.cfm

**QUALIFICATIONS DESIRED:**
Education: Ph.D. in Chemistry
Experience: Prior experience teaching physical chemistry at the undergraduate level is preferred, and experience teaching at SCU is advantageous.

**LOCATION, SALARY, EMPLOYER DESCRIPTION:**
Job Location: Santa Clara University, Santa Clara, CA 95053
Salary: $5,500

**Employer Description:** Department of Chemistry & Biochemistry at Santa Clara University, a Catholic, Jesuit university with an ACS-approved undergraduate program

**Application Instructions:** Submit a curriculum vitae, statement describing applicant’s experience or interest in working with people of diverse cultures and identities, a copy of graduate transcripts, and two letters of recommendation before 2/12/2010 to Dr. Jack Gilbert, Chair, Dept of Chemistry & Biochemistry, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053.
E-mail: igilbert@scu.edu

**CHEMPSLOYMENT ABSTRACT 3943**

**Position Title:** Associate Director - Bioanalytical (DMPK)

**Job Description:** The Associate Director will lead a team of experienced and talented bioanalytical Scientists. This individual will work closely with colleagues within DMPK and in other departments on projects ranging from early to late stage discovery and up to proof of concept in the clinic.

**QUALIFICATIONS DESIRED:**
Education: PhD in Analytical Chemistry, Pharmacokinetics, Drug Metabolism or other relevant fields
Experience: At least 10 years of industrial experience

**LOCATION, SALARY, EMPLOYER DESCRIPTION:**
Job Location: South San Francisco, CA
Salary: DOE

**Employer Description:** Genentech is among the world’s leading biotech companies, with multiple therapies on the market for cancer and other serious medical conditions.

**Application Instructions:** To learn more about our current opportunities, please visit: http://careers.gene.com and reference Req. #1000028847. Please use “Web – Chempsloyment” when a source is requested. Genentech is an Equal Opportunity Employer

**CHEMPSLOYMENT ABSTRACT 3944**

**Position Title:** Research Associate - Medicinal Chemistry

**Job Description:** This is an exciting opportunity for a Synthetic Chemist to participate in our innovative program in drug discovery. The individual will be responsible for the design and synthesis of novel drug-like compounds. The position requires an individual that is highly motivated and excited to work in a collaborative environment.

**QUALIFICATIONS DESIRED:**
Education: This position requires a Bachelor’s or Master’s degree in Organic Chemistry
Experience: This position requires 2-8 years of experience in synthetic or medicinal chemistry. Demonstrated expertise in multi-step synthesis, compound purification and structural characterization is preferred.

**LOCATION, SALARY, EMPLOYER DESCRIPTION:**
Job Location: South San Francisco, CA
Salary: DOE

**Employer Description:** Genentech is among the world’s leading biotech companies, with multiple therapies on the market for cancer and other serious medical conditions.

**Application Instructions:** Genentech is dedicated to fostering an environment that is inclusive and encourages diversity of thought, style, skills and perspective. To learn more about our current opportunities, please visit: http://careers.gene.com and reference Req. #1000029032. Please use “Web – ACS” when a source is requested. Genentech is an Equal Opportunity Employer.

**CHEMPSLOYMENT ABSTRACT 3945**

**Position Title:** NIH-funded Postdoctoral Research Associate in Medicinal Chemistry (2 positions)

**Job Description:** Great opportunity to participate in an NIH-funded multi-disciplinary Research Project focusing on the discovery of novel small-molecule therapeutics for new targets for central nervous system diseases. Position requires an individual who is motivated and eager to learn in an integrated collaboration between discovery chemistry and biology teams.

**QUALIFICATIONS DESIRED:**
Education: PhD in Synthetic Medicinal Chemistry or Organic Chemistry
Experience: 0-2 years past doctorate, experience with multi-step organic synthesis, purification and characterization techniques. Knowledge of medicinal chemistry, structure-activity relationships preferred but not required; good written communication skills and ability to work independently.

**LOCATION, SALARY, EMPLOYER DESCRIPTION:**
Job Location: Sunnyvale, California
Salary: DOE

**Employer Description:** Astraea Therapeutics is dedicated to the discovery of novel medications for unmet clinical needs. Astraea offers a stimulating, collaborative working environment and opportunities for career growth in drug discovery research and development.

**Application Instructions:** Please submit a CV detailing educational experience and description of types of research projects and chemistry experience to Dr. Nurulain Zaveri at info@astraeatherapeutics.com
FUTURE MEETINGS

Oct 15  Dr. Elizabeth Furukawa
   How the FDA Regulates Nanotechnology in Food Containers and Food Processing
   Biltmore Hotel, Santa Clara, CA

Oct 28  CA section ACS meeting
   Health Benefits of Wine as Part of Your Evening Meal - Dr. Valery Uhl
   http://www.calacs.org/caldetail.asp?id=71

Nov 2-4  Process Chemistry in the Pharmaceutical Industry
   ACS ProSpectives Conference
   Durham, NC
   http://www.proed.acs.org/courses

Nov 8-13 09 AICHE Annual Meeting
   Nashville, TN
   http://www.aiche.org/Conferences

Nov 18  BioScience Forum Meeting
   Dr. Hans Reiser, VP Gilead
   http://www.biosf.org/programs.htm

Nov 19  Dr. Tom Lane, President, ACS
   Dr. Jeanette Medina
   Teacher-Scholar Awardee for CA Community Colleges
   Biltmore Hotel, Santa Clara, CA