

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

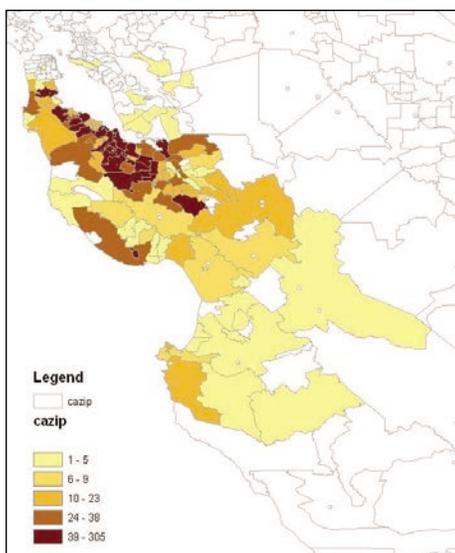
Volume 29 No. 4

APRIL 2007 NEWSLETTER TOPICS

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Where Do Our Members Work?

An analysis of addresses in the Santa Clara Valley Section member database shows that our members are mostly found on the bay-side of the San Francisco Bay peninsula.



May Dinner Meeting An Introduction to Climate Change

Dr. Joylette Portlock

Abstract

The conclusion drawn from decades of research by hundreds of climate scientists across the world is that global warming is occurring, and human activity (specifically, the production of greenhouse gases from fossil fuels) is the major contributing factor. Changes in the global climate are already dramatically affecting people worldwide, and, left unchecked, the effects of these changes will become more and more pronounced. Right now, there is a window of time in which to act to prevent the worst effects of the climate crisis. There are many steps that every one of us can take to increase our energy efficiency and move toward building the responsible, sustainable civilization of tomorrow.

The Climate Project is a movement to educate and engage both citizens and governments in an effort to solve the growing climate crisis. As a non-profit group, we work to make the public aware of the urgency, impact and need for action to confront global warming through education, research and citizen action programs. The presentation will cover some basic climate science as well as several of the key findings that demonstrate the presence and extent of global climate change. Specific, up-to-date examples and possible future consequences of climate change are



elaborated. The presentation concludes by examining the societal forces that have contributed to the climate crisis, followed by some pre-
continued on next page

May Dinner Meeting

Date: Thursday, May 17, 2007

Time: 6:00 Social Hour
7:00 Dinner
8:00 Presentation

Location: Biltmore Hotel & Suites
2151 Laurelwood Blvd.
Santa Clara, CA 95054
www.hotelbiltmore.com

Speaker: Dr. Joylette Portlock
An Introduction to
Climate Change: A Live
Updated Presentation of
the Slide Show
Featured in the Movie
'An Inconvenient Truth'

Cost: \$27.00 with the choice of Filet of Salmon or Vegetarian Pasta Primavera
Includes wine with dinner.

Reservations: www.scvacs.org
Shirley Radding
408-246-2564

Reservations should be made by April 13th, stating your name, address, company affiliation, number of people in party, and menu selection. If you are unable to honor your reservation and do not cancel by Monday, April 16th, you will be invoiced following the dinner meeting.

scriptions for solutions at both the national and individual level.

Biography

Dr. Joylette Portlock has been interested in conservation for as long as she can remember, having started her family recycling while she was in middle school, and co-founding her high school's Earth Club.

Scholastically, she pursued biology at MIT and completed her Ph.D. in genetics at Stanford University in 2006. She currently works at the

Exploratorium in San Francisco.

She and her husband live in Mountain View, California, where they enjoy gardening, compost their green-waste, and purchase offsets for the carbon emitted by their electricity, natural gas, and transportation fuels.

Last fall, Dr. Portlock was selected by The Climate Project to travel to Nashville, TN, and be trained to give a live, updated version of the presentation on climate change featured in the documentary "An Inconvenient Truth".

Happy Easter



April Dinner Meeting The H. L. Hunley: Recovery and Preservation

Dr. Jack Breazeale

Abstract

On the night of February 17, 1864, the Confederate submarine, the H.L. Hunley, attacked and sank the USS Housatonic. The attack occurred in Charleston Harbor on the South Carolina coast. The Hunley and its crew never returned from the mission. That is, until 8:37 A.M. on August 8, 2000, when the submarine and its crew were recovered off the South Carolina coast. Work is complete on the recovery of the crew and continues on the preservation of the vessel. The talk will include a brief history of the Hunley, explain the search and recovery process, and a brief discussion of the continuing preservation process of the submarine.

Biography

Dr. Jack Breazeale received his Ph.D. from the University of South Carolina in 1966. He taught at Winthrop College in Rock Hill, SC, from 1965-1970. In 1970 he was a founding faculty member of a new state college in Florence, SC, now Francis Marion University. From 1970 until his retirement in 1997, he was chair of the Department of Chemistry and Physics and Professor of



Chemistry. Dr. Breazeale has been active in the American Chemical Society for over 40 years. He has served nine years as a member of the ACS Committee on Chemical Safety including three years as chair. He also held offices in the ACS

Division of Chemical Health and Safety including that of chair. Other activities at the national level have included appointments to the Committee on the Economics Status of Chemists, the Committee on Constitution and Bylaws, the National Chemistry Week Task Force with three years as chair, and the Board of Trustees for Group Insurance Plans for ACS Members. He is currently a member of the Council Committee on Committees. At the local level, Dr. Breazeale has held several offices in the South Carolina Section including chair and currently serves the Section as Councilor. His interest in laboratory safety became a major professional activity in the early 1980s in the South Carolina Section. Dr. Breazeale has presented in the Laboratory Safety Institute workshops for some twenty years. These presentations include one-, two-, and four-day workshops nationwide on various safety topics.

He presently serves on the Board of Trustees of the Laboratory Safety Institute. He resides in Mount Pleasant, SC, and is an Adjunct Professor of Chemistry at the College of Charleston.

April Dinner Meeting

Date: Wednesday, April 18, 2007

Time: 6:00 Social Hour
7:00 Dinner
8:00 Presentation

Location: Biltmore Hotel & Suites
2151 Laurelwood Blvd.
Santa Clara, CA 95054
www.hotelbiltmore.com

Speaker: Dr. Jack Breazeale
"The H.L. Hunley:
Recovery & Preservation"

Cost: \$27.00 with the choice of
Baked Mahi Mahi or
Cheese Ravioli
Includes wine with dinner.

Reservations: www.scvacs.org
Shirley Radding
408-246-2564

Reservations should be made by April 13th, stating your name, address, company affiliation, number of people in party, and menu selection. If you are unable to honor your reservation and do not cancel by Monday, April 16th, you will be invoiced following the dinner meeting.

Chair's Message

Dinner meeting attendance...I heard from a couple of members who said they didn't attend a recent dinner meeting because there was a date conflict in February with another important event—science fair judging. This happened again for the March meeting. Also, Wednesdays are hard to make. OK...we'll try to be mindful of schedule conflicts when we know them and attempt to get back to a "regular meeting time" during each month. Be sure to check our website occasionally and reserve your space for dinner: <http://www.scvacs.org/index.html>.

Coming up at the April dinner meeting will be a talk about the recovery and restoration of the H. L. Hunley Confederate submarine, given

by Dr. Jack Breazeale, who is excited to be coming to visit our section. This talk should be very interesting to Civil War history buffs and to our general membership since both recovering a sunken sea vessel and restoring it takes a great knowledge of chemistry (ocean, materials, paints, cleaning materials, effects of air on exposed artifacts from the sea) and technical know-how to bring the Hunley back for us to look at and to study.

Remember...if you can help with the upcoming Chemistry Olympiad, please let me or Sally Peters know. Let's support our young aspiring chemists and scientists.

See you at our next dinner meeting.

George Lechner

Call for Nominations Shirley B. Radding Award

The Santa Clara Valley Section of the American Chemical Society (ACS) announces the call for nominations for the 2007 Shirley B. Radding Award.

First awarded in 1994 to its namesake, the Shirley B. Radding Award annually honors someone who has been a member of the ACS for at least 20 years. Nominees must have demonstrated dedicated, unselfish leadership, service and significant contributions over a sustained period of time to industrial, applied or academic chemistry and to the ACS through elected or appointed positions at local, district and national levels.

Award Criteria

- Member of the American Chemical Society for more than twenty years.
- Demonstrated dedicated and unselfish service to ACS and its members over a sustained period of time.
- Provided leadership through elected and appointed ACS positions at local, district and national levels.
- Made significant contributions to industrial, applied or academic chemistry.

Previous Award Recipients

- 1994 Shirley B. Radding
- 1995 Agnes Ann Green (deceased)
- 1996 John F. "Jack" Riley
- 1997 Howard M. Peters
- 1998 Alan C. Nixon (deceased)
- 1999 Valerie J. Kuck
- 2000 Halley A. Merrell
- 2001 Norman A. LeBel (deceased)
- 2002 Paul H. L. Walter
- 2003 Jean'ne M. Shreeve
- 2004 Maureen G. Chan
- 2005 Glenn Fuller
- 2006 Janan M. Hayes

The award consists of an honorarium of \$1,000 and a suitably inscribed memento. Nominations must consist of at least one letter of nomination stating how the nominee's work relates to all aspects of the award. It is strongly recommended that seconding letters accompany the nomination.

Nominations are due on or before May 1, 2007, and must be mailed to:

Radding Award Committee
Santa Clara Valley Section ACS
P. O. Box 395
Palo Alto, CA 94302

Call for Nominations Ottenberg Service Award

It is again time to nominate candidates for the Abraham Ottenberg Service Award of the Santa Clara Valley Section.

This Award was established in 1973 by the Santa Clara Valley Section to recognize members who have rendered outstanding service to the Section. It is named after Abraham Ottenberg, a former member who devoted much of himself to service to the Section. The award consists of an engraved plaque and a check for two hundred dollars. The award recipient is selected from candidates nominated by members of the Section. Nominees must be members or affiliates of the Santa Clara Valley Section.

Previous recipients are: Shirley B. Radding (1974), Oliver F. Senn (1975), Floyd M. Hobbs (1976), Frank R. Mayo (1977), Harry S. Mosher (1978), Lois J. Durham (1979), Richard W. Gaver (1980), Alan C. Ling (1982), Ludwig A. Mayer (1983), John F. Riley (1983), Howard M. Peters (1984), June G. Jones (1986), Robert L. Montoya (1986), Malcolm Dole (1987), Donald E. Green (1991), Hubert E. Dubb (1992), Karl Marhenke (1993), Stephen N. Senzer (1994), Carol W. Mosher (1995), Bonnie Charpentier (1998), Linda Brunauer (1999), Herbert B. Silber (2000), Sally Peters (2001), Jamil Talhouk (2002), Ean Warren (2003), Maureen Scharberg (2004), Hong Gao (2005), and George Lechner (2006).

The nominating letter should include a brief biography of the candidate and a description or evaluation of the service(s) to be recognized by the award. Seconding nominations are not required but will be accepted.

Nominations should be sent to:
Chair, Ottenberg Award Committee
Santa Clara Valley Section, ACS
P. O. Box 395
Palo Alto, CA 94302

Nominations must be received by June 1, 2007, to be considered for the 2007 award.

Summer Workshops for High School Chemistry Teachers

The American Chemical Society is sponsoring teacher training workshops this summer throughout the country for high school chemistry teachers. Two types of workshops are available: Chemistry in the Community, and Advanced High School Chemistry, Teacher Training Workshops. In each workshop, teachers are led by experienced secondary and/or college chemical educators who provide participants with information and tools for teaching inquiry-based learning.

Advanced High School Chemistry, Teacher Training Workshops, led by experienced secondary and college chemical educators, provide participants with tools for teaching an inquiry-based honors or advanced high school chemistry course such as

IB or AP. The activities used in these three-day workshops are from the ACS college text, "Chemistry" which emphasizes short experiments to introduce chemical concepts, and promote active and collaborative learning. All interested advanced high school chemistry teachers are encouraged to apply, regardless of current textbook.

Chemistry in the Community and Teacher Training Workshops are designed for teachers using or intending to use the ACS textbook "Chemistry in the Community". In these five-day workshops, experienced ChemCom teacher leaders provide expert instruction and hands-on experience with many of ChemCom's activities and laboratory investigations.

There is a \$50.00 registration fee

for each workshop, which includes all materials, meals and on-site housing. The dates and locations appear below.

June 24	California State University Northridge, CA
July 8	Concordia University Ann Arbor, MI
July 8	Greater Hartford Academy of Math and Science Hartford, CT
July 15	University of St. Thomas Houston, TX
August 5	St. Thomas University St. Paul, MN

More information, application forms and/or online registration may be found at www.chemistry.org/education (follow the link for workshops and courses).

Looking to Help Students at Your Alma Mater

If your alma mater is in Northern California, or if there is a school in this area in which you have a special interest, the section can use your help. Each year seems to bring increased competitiveness in the chemistry job market, and our section members have noticed that students often don't receive any advice or training in how to most effectively interview for a job. That's the bad news. The good news is that in 2004 we engaged in a cooperative effort with the California Section and the NorCal Section of AIChE to develop interview training workshops for students at schools in Northern California. The program has been funded by ACS local section Innovative Project Grants, was developed with all degree levels in mind, and has been enormously popular with the students. We've held events at Cal, UC Davis, San Jose State, and other locations, and are expanding to other schools throughout the California and Santa Clara Valley sections.

Our Innovative Project Grants will run out soon, leading to a slowdown in our student training efforts due to decreased resources for workshop materials, and this is where you can help. If you have a special attachment to a particular school, and are willing

to donate to our cause, we can arrange for one of our interview training workshops to involve this school. In return for a donation of your choosing we will highlight your name and sponsorship at the school, in our newsletter, and on our website. Each workshop costs about \$250. And, of course, these donations are tax-deductible as allowed by law. Finally,

we can always use more volunteers, so please let us know if you're interested in that as well (see article elsewhere in this newsletter).

Please consider helping us continue this program and help students get as much help as they can at this early point in their careers! Contact me for more information about this program at charpentierbon@yahoo.com.

Bonnie Charpentier

Volunteers Needed for Chemistry Olympiad

From mid-March through mid-April, several of our local high schools will be participating in the regional Chemistry Olympiad. April 28th we will be hosting about 30 of the top students from the Santa Clara Valley and California sections and need a few volunteers. Santa Clara University and Dr. Linda Brunauer will be providing the classrooms, labs, and equipment; we need to provide proctors and food.

Can you give a few hours in the morning and/or afternoon to join us at the chemistry department at Santa Clara? No heavy duty chemistry needed, just a calming influence for some very intelligent young people!

If you can't help on the 28th, perhaps you can help to customize the certificates that all students receive for participation. Access to a good color printer or scanner/printer helps. Customization with calligraphy would be grand! There should be about 125 ACS-supplied certificates that we will need personalized!

Here is your chance to help your local section in 2007. Contact Sally Peters by email or telephone and volunteer: sally.peters@parc.com, 650-854-4614.

Introduction to ChemInsight

In response to the growing demand for scientific experts in the legal, accounting and consulting fields, ACS launched ChemInsight – a scientific experts matching service - at the Chicago National Meeting.

Legal professionals often find themselves involved in litigation with scientific topics which a lay person would have difficulty understanding. They resolve this problem by hiring experts to assist in the understanding of scientific issues, make pre-trial preparations or provide testimony to persuade a jury during trial. In these roles, experts often play a critical role in determining the course and outcome of a case. Demand for experts is not limited to the legal domain. In the wake of the Sarbanes-Oxley Act of 2002, forensic accountants and consulting firms also seek experts to provide insights into the sciences, technologies, processes, and other areas with strong scientific content. As chemical and allied sciences increasingly find their way into commercially successful products and services, the demand for scientific experts to help legal and other professionals is bound to increase.

Initially, ChemInsight plans to offer two services:

1. Directory Listing Service, which would promote experts through a free search on ChemInsight.org and through a free print directory distributed to over 60,000 law, forensic accounting and consulting firms;
2. Expert Matching Service, whereby ChemInsight would contract with law, accounting and consulting firms to conduct a customized search to identify the most relevant experts who best meet their needs.

By helping scientists in chemical and allied sciences gain access to opportunities beyond their core disciplines, ChemInsight would enable them to earn additional income and solve challenging problems in a new context, thereby enhancing their visibility beyond the scientific community. This would also help legal, consulting, and accounting firms solve the

ever increasing number of cases and problems involving complex scientific topics.

If you have expertise in a relevant science area, ACS invites you to list with ChemInsight. Listing with ChemInsight offers several advantages over other expert services in the market, such as:

- Exclusive focus on chemical and allied sciences - there is no other service that caters exclusively to these sciences
- Offered by the American Chemical Society - the world's largest scientific organization
- Lowest listing fees among comparable services
- Attractive member discounts on top of the already low listing fees
- Active promotion through the web and print media, including:
 - o Custom-designed website www.cheminsight.org providing comprehensive search, registration and profile editing capabilities
 - o Direct access to 60,000 legal,

accounting, and consulting professionals through the free distribution of the National Directory of Scientific Experts

- o Multiple ACS websites that attract over 110 million visitors annually
- o Journals and magazines relating to intellectual property and several other relevant areas of law
- o Premier legal websites and legal symposia/conferences
- o Direct contacts and promotions to business consulting and forensic accounting firms with interest in the chemical enterprise

ChemInsight is a new initiative of the Office of New Business Development (NBD) of the Society. Thomas Smith serves as the Manager of ChemInsight.

For more information, please visit www.ChemInsight.org.



NORM 2007

The 62nd annual meeting of the Northwest Region of the ACS is just a couple of months away (June 17-20). The first 100 people to submit an abstract http://northwestchemistry.org/Norm_2007/Submission.htm will be automatically entered into a drawing for one free regular registration. So submit early.

To attend the meeting please visit the NORM 2007 website at: http://northwestchemistry.org/Norm_2007/Registration.htm or use the Registration Form included in the newsletter.

Currently NORM 2007 is accepting abstracts for poster and oral presentations. If you would like to present your research at the meeting, submission information is available at: http://northwestchemistry.org/Norm_2007/Submission.htm

The technical program is available at: http://northwestchemistry.org/Norm_2007/Program.htm

If you would like to nominate a gifted individual for one the region's annual awards, please visit one of the following links.

Award for Excellence in High School Teaching
http://northwestchemistry.org/Norm_2007/Awards.htm#teaching

The Volunteer Service Award
http://northwestchemistry.org/Norm_2007/Awards.htm#Volunteer

The Industrial Innovation Award
http://northwestchemistry.org/Norm_2007/Awards.htm#Industrial

Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences
http://northwestchemistry.org/Norm_2007/Awards.htm#Israel

Volunteers Needed for Student Interview Workshop!

The Student Interview Workshop crew gave a well-attended workshop at UC Davis on February 10th and is planning three more workshops this Spring at San Jose State (April 28), San

Francisco State and University of San Francisco. We are also working on a venue in the East Bay to serve several schools with smaller departments, and looking to expand to two-year col-

leges on the peninsula. We hope to expand to more distant campuses in the fall.

We need more volunteers to join the program. We have a Train the Trainers program to support the volunteers in coaching the students in interview skills. The Student Workshops are aimed primarily at the BS and MS graduates who usually have never interviewed for a job. Response from students and faculty has been very positive and enthusiastic.

Come out and join the program for a fun time and make a real difference in the next wave of chemists (and your future co-workers)! If you are interested in becoming an interview coach, doing resume reviews for students, becoming a contact person for a particular school, or working behind the scenes to run the program, please contact me at charpentierbon@yahoo.com

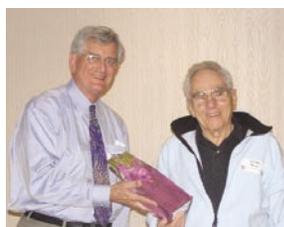
Bonnie Charpentier

Highlights from the March Dinner Meeting

Photos: courtesy of Lois Durham



Speaker: Dr. Gerald Meyer



CHEMPLOYMENT ABSTRACTS APRIL 2007

CHEMPLOYMENT ABSTRACT 3882

Position Title: Analytical Chemist III

Job Description: This position will be responsible for recommending, developing, validating, and performing quality control methods for the organization. The successful candidate will be proficient in the analysis and handling of pharmaceutical small molecules and corresponding drug products using chromatographic and spectroscopic tests, e.g., HPLC, GC, NMR, FT-IR, UV-Vis, Fluorescence, and associated lab instrumentation as well as USP/EP wet chemistry methods.

QUALIFICATIONS DESIRED:

Education: Bachelors in Chemistry or equivalent, MS/PhD preferred

Experience: A minimum of 10 years of experience in pharmaceutical Quality Control or equivalent early phase GMP technical support position. Previous supervisory experience required. Effective written and verbal communication skills, strong interpersonal skills, and experience working in a mentoring capacity. Extremely detail oriented with strong organizational skills, and high quality standards.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Menlo Park, CA

Salary: DOE

Employer Description: FSRI International, an independent non-profit organization founded as the Stanford Research Institute in 1946, is a leader in the development of new products for the treatment and diagnosis of disease.

Application Instructions: To see full description and to apply visit our web page at: <https://sri.ats.hrsmart.com/cgi-bin/a/highlightjob.cgi?jobid=3341>. SRI is an equal opportunity employer. Learn more about other career opportunities at: www.sri.com/jobs

CHEMPLOYMENT ABSTRACT 3883

Position Title: Postdoctoral Research Staff Member

Job Description: The successful candidate will become a member of the Chemical Sciences Division/Forensic Science Center and will be responsible for contributing to the conception, design, and execution of analytical research problems, establishing and maintaining laboratory protocols, and keeping an accurate and detailed laboratory notebook. Designing and conducting research, collecting data, conducting analysis, coordinating activities and presenting results will be essential. The successful candidate will author and generate written reports of research findings and publish research in peer-reviewed literature. He/she will also present formal and informal overviews of research at internal meetings, and national and international conferences. This position will travel, as required, to coordinate research between Lawrence Livermore National Laboratory (LLNL) and other government agencies.

QUALIFICATIONS DESIRED:

Education: Recent Ph.D. in Chemistry or closely related field

Experience: Demonstrated research experience in applied mass spectrometry. Expertise in development or application of methods to quantify trace organic analytes in complex matrices. Ability to develop and conduct independent research projects with minimal guidance. Experience collaborating effectively with a team of scientists of diverse backgrounds. Publication record in peer-reviewed journals. Effective communication and interpersonal skills necessary to work in a collaborative research environment and to document and present research results

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Livermore, CA **Salary:** DOE

Employer Description: R&D development in the national interest thrives at LLNL. By encouraging a competition of ideas, instilling respect for individual contributions, and embracing a diverse and motivated work force, we make breakthroughs that have global impact.

Application Instructions: To view and apply for this job, go to <http://jobs.llnl.gov> and search by job #006395. When applying and prompted please mention where you saw this ad. LLNL is operated by the University of California for the National Nuclear Security Administration/Department of Energy. We are proud to be an equal opportunity employer with a commitment to workforce diversity.

CHEMEMPLOYMENT ABSTRACT 3884

Position Title: Lecturers, Organic Chemistry

Job Description: The Department of Chemistry at Santa Clara University seeks Lecturers for organic chemistry lectures and labs during the 2007 summer session. Organic I meets June 18 to July 6; Organic II meets July 9–27; Organic III meets July 30 to Aug 17. Lectures are three hours in length and meet M–F; openings are available during the second and third summer sessions. Labs are 4.5 hours in length and meet twice each week; openings are available during the first and third summer sessions. Specific teaching responsibilities for lecture and lab courses are provided at the websites given below.

QUALIFICATIONS DESIRED:

Education: Ph.D. in organic chemistry is required for the lecture sections and is preferred for the lab sections.

Experience: Prior experience teaching organic chemistry is highly desirable.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Santa Clara University

Salary: \$5,800 –\$9,500 per three-week session, depending on enrollment, for lecture course, \$3,000 for each lab section

Employer Description: The Department of Chemistry at Santa Clara University, a Jesuit institution with an ACS-approved undergraduate program.

Application Instructions: Please submit a curriculum vitae, a copy of graduate transcripts, and two letters of recommendation to Dr. Jack Gilbert, Chair, Department of Chemistry, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053. E-mail: jgilbert@scu.edu. Individuals employed within the last year at SCU need only contact Dr. Gilbert to express interest in the position. See www.scu.edu/chemistry or www.scu.edu/hr/careers/faculty.cfm for more details.

CHEMEMPLOYMENT ABSTRACT 3885

Position Title: Process Economics Chemical Engineer - Sr. Consultant

Job Description: SRI Consulting (SRIC) is looking for a chemical engineer to join its Process Economics Program (PEP) as a senior consultant. PEP develops models & costs commercially-viable process designs for the chemical & other major industries, & conducts private research & process evaluations for clients.

QUALIFICATIONS DESIRED:

Education: BS Chem. Engineering, Chemistry or equiv experience; MBA a plus.

Experience: 5-8 years of experience in process design, knowledge in evaluating chemical process technologies with a major chemical company is preferable. Excellent written and verbal communication skills are required.

Advantage: knowledge of AspenPlus & other process design & simulation & costing software.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Menlo Park, CA (headquarters) or The Woodlands, TX

Salary: Competitive

Employer Description: SRIC is the world's leading business research service for the global chemical industry. Publishing for almost 60 years, SRIC is the pre-eminent source for in-depth business and process analysis. Programs include the Process Economics Program, Chemical Economics Handbook, Specialty Chemicals Update Program, and World Petrochemicals Program. SRIC is a division of Access Intelligence, LLC. More information at www.sriconsulting.com.

Application Instructions: Sandi Lucas, SRI Consulting jobs@sriconsulting.com
Phone : 650-384-4318 Fax : 650-384-4273

CHEMEMPLOYMENT ABSTRACT 3886

Position Title: Senior Consultant – Chemical Economics Handbook

Job Description: SRI Consulting (SRIC) is looking for a consultant responsible for researching chemical markets and writing market research reports on the chemical industry for the Chemical Economics Handbook; providing advisory services to clients and customer service liaison; marketing reports and program to prospective clients; maintaining existing databases; and attending conferences in specialized area.

QUALIFICATIONS DESIRED:

Education: BS or BA in Chemistry or Chem Eng or bio sciences; MBA a plus.

Experience: 5-8 years industry experience in market research and/or business development or marketing; the ability to critically analyze and formulate conclusions, combined with knowledge of database and literature search; a self-starter who is flexible and can handle a variety of assignments under time and budget constraints with minimal supervision; and is a good team player. Excellent written and oral communication and computer skills are additional requirements for this position.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Menlo Park, CA or The Woodlands, TX

Salary: Competitive

Employer Description: SRIC is the world's leading business research service for the global chemical industry. Publishing for almost 60 years, SRIC is the pre-eminent source for in-depth business and process analysis. Programs include the Process Economics Program, Chemical Economics Handbook, Specialty Chemicals Update Program, and World Petrochemicals Program. SRIC is a division of Access Intelligence, LLC. More information at www.sriconsulting.com.

Application Instructions: jobs@sriconsulting.com Fax : 650-384-4273

CHEMEMPLOYMENT ABSTRACT 3887

Position Title: Academic year lecturers (AYLs)

Job Description: Two AYLs (non-tenure track) are sought for one- or two-year terms beginning Fall 2007. The AYLs will teach the equivalent of seven quarter-long courses per year, with the courses being selected from a combination of lecture and laboratory sections in general chemistry, organic chemistry, chemistry for non-science majors, and other courses as may be assigned.

QUALIFICATIONS DESIRED:

Education: Ph.D. in chemistry is required.

Experience: Prior teaching experience strongly preferred. Individuals who feel they can contribute to Santa Clara University's commitment to excellence through diversity are invited to detail their experience with underrepresented groups in science in the cover letter or a separate statement.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Santa Clara University

Salary: \$46,900–\$49,700 per year depending on experience; benefits eligible.

Employer Description: The Department of Chemistry at Santa Clara University, a Jesuit institution with an ACS-approved undergraduate program.

Application Instructions: Applicants should submit a curriculum vitae and copies of undergraduate and graduate transcripts, a statement of interest and experience in teaching these or related subjects, and have three letters of recommendation sent to Prof. Patrick Hoggard, Department of Chemistry, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053 (e-mail: phoggard@scu.edu).



SANTA CLARA VALLEY SECTION
AMERICAN CHEMICAL SOCIETY
P.O. Box 395, Palo Alto, CA 94302

Visit our web site at:



<http://www.scvacs.org>

To receive emails when newsletters are published on our web site, send an email to SCVACS-newsletters-subscribe@yahoogroups.com.

SANTA CLARA VALLEY SECTION

2007 Section Officers

Chair	George Lechner	408-226-7262	glechner@aol.com
Past Chair	David Parker	408-615-4961	dparker@ci.santa-clara.ca.us
Chair Elect	Mark Kent	408-736-0989	marklent@yahoo.com
Secretary	Karl Marhenke	831-688-4959	karlmar@armory.com
Treasurer	Herb Silber	408-924-4954	hbsilber@sjsuvm1.sjsu.edu

Councilors

2005-2007	Herb Silber	408-924-4954	hbsilber@sjsuvm1.sjsu.edu
2006-2008	Abby Kennedy	650-837-8043	akennedy@exelixis.com
2006-2008	Jack Riley	925-256-4050	jfriley2004@sbcglobal.net
2006-2008	Ean Warren	650-329-4554	ewarren@scvacs.org
2007-2009	Linda Brunauer	408-554-6947	lbrunauer@scu.edu
2007-2009	Sally Peters	650-812-4994	Sally.Peters@parc.com
2007-2009	Peter Rusch	650-961-8120	pfrusch@aol.com
2007	George Lechner	408-226-7262	glechner@aol.com

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FUTURE MEETINGS

Mark your calendars for these great upcoming events.

- Apr 18** SCV Dinner Meeting
Dr. Jack Breazeale
Santa Clara, CA
- Apr 28** 2007 UNCO National Exam
Santa Clara University
- May 8** Café Scientific
<http://www.cafescipa.org>
- May 17** SCV Dinner Meeting
Dr. Joylette Portlock
Santa Clara, CA
- May 24** CA Section ACS meeting
<http://www.calacs.org/calendar/MayMeet07.html>
- Jun 3-7** 40th National Organic Chemistry Symposium
Duke University
- Jun 17-20** Polymers in Medicine and Biology
Santa Rosa, CA
- Jul 14** Annual Wine Tasting and Awards Picnic
Stanford University, CA