

Silicon Valley Chemist

Silicon Valley Section

American Chemical Society

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SVACS November 14th Dinner Seminar

Disrupting the Energy Value Chain Distributed Scale Olefins

Erik C. Scher, Ph.D., COO of Siluria Technologies Inc.

Abstract:

Long term global trends are contributing to sustained downward pressure on the value of natural gas and, more generally on any fuel gas streams whose value is directly linked to their intrinsic energy content rather than their potential to act as carbon feedstock for manufacturing.

As a result, resource owners around the world are now faced with the considerable challenge of identifying attractive options to monetize their natural gas resources and provide sufficient net-back to justify the capital investments required for new upstream capacity.



At the same time the remarkable ubiquity, abundance and affordability of gas resources provide a unique opportunity for non-integrated downstream producers to obtain access to lower cost carbon feedstock, to expand capacity in traditionally feedstock-constrained areas and/or to re-optimize

their operations via back-integration into base chemicals production.

Siluria's unique process technologies (based on Oxidative Coupling of Methane or OCM) represent the ideal solution to this upstream challenge and are an enabler of this new downstream opportunity by converting short-chain alkanes (methane, ethane and propane) into olefins (ethylene and/or propylene) via a carbon-efficient, cost effective, and highly scalable (up and down) single-step process.

continued on next page

Connect with Chemists

An early morning chat with fellow chemists

Thursday, September 20, 2018, at 7 a.m.

Coupa Café, 538 Ramona Street, Palo Alto
Contact Ean Warren (ewarren@scvacs.org)

for more information or ask for ACS at Coupa.

Chair's Message

Melody Esfandiari



I'm sitting on a bench outside Duncan Hall at San Jose State as I'm writing this month's chair message. The arrival of the new semester brings with it a range of emotions: there are department meetings, pulling together the syllabi, and following undergraduate students in hopes of getting their parking spot. At the same time, it also

brings energy, laughter, and youth. If you are a student or teacher, welcome back. Hopefully fall will be a productive semester.

At ACS, we have lined up many exciting activities. This month, Flavors of Chemistry at UC Davis will focus on beer and cheese. I'm not quite sure yet how beer and cheese go together, so I can't wait to attend this event. Nothing can beat face-to-face interactions, so we hope to see you there.

There's a dinner meeting at Michael's at Shoreline this month. Why should you attend? There have been a lot of advances in communication technology: Facebook, Skype,

continued on next page

SVACS November Dinner Seminar

Date: Wednesday, November 14, 2018

Speaker: Dr. Erik Scher

Siluria Technologies

Location: Basque Cultural Center

599 Railroad Avenue

South San Francisco, CA

Costs: \$30 regular

\$15 for student

Registration:

<https://www.brownpapertickets.com/event/3584710>

Or Sally Peters 650-447-3027

November Dinner, continued from front page

Since its inception, Siluria has taken the core competencies it built in order to develop its OCM technology and applied it to develop multiple process technologies. Siluria is currently commercializing its Gemini (methane to ethylene), Modus (refinery waste gas upgrading) and Orion (natural gas to propylene) technologies with its EPC partners; Linde Engineering, Wood (formerly AmecFosterWheeler), and Maire Tecnimont respectively.

Biography:

With a background in chemistry and engineering, Dr. Erik Scher is a technology executive who is commercializing solutions to long-standing challenges in the chemical industry. At Siluria Technologies, he has been both an innovator and a leader, taking the company from a two-person concept to a

70-person operation that has proven its proprietary natural gas conversion processes at pilot and demonstration plants in California and Texas. Dr. Scher has led efforts to develop and commercialize novel technologies at three venture-backed energy/chemicals companies over the last 16 years. He has built and managed technology organizations, including R&D, catalyst scale-up, pilot engineering, plant operations, and process engineering, as well as led commercial teams spanning intellectual property, business development, licensing, project development, and strategic partnerships. He is currently the COO at Siluria where he manages the R&D, Development/Scale-up, Technology, Operations, and Intellectual Property groups amongst others.

Dr. Scher earned his PhD in Materials Chemistry from the University of California, Berkeley. Prior to his PhD, Dr. Scher received

his Bachelors degree in Chemistry from Rice University in Houston. He is an inventor on over 80 issued patents, over 100 pending patent applications, and was recognized as a MIT Technology Review Top 100 Innovator under 35 in 2004.

Chair's Message, continued from front page

email, FaceTime, etc. Yet while all of these may be very popular ways to communicate, they could make it more difficult to connect in a meaningful way. It's no surprise that my generation (millennials) doesn't particularly enjoy talking on the phone and prefers texting and social media. But creative collaboration is more likely to emerge when we talk face to face. A recent Harvard study showed that one is 34 times more likely to receive a positive response when communication is face to face rather than over email. So as great as my chair message may be, it will be easier to persuade you to join our local section activities if you come and chat with us in person. So I hope to see you at the September dinner meeting. Next time that I write to you, it will officially be fall.

REMINDER

SVACS September Dinner Seminar

REMINDER

Materials R&D at Lawrence Livermore National Laboratory

Dr. Robert S. Maxwell

Abstract:

Established in 1952, LLNL is a multidisciplinary National Laboratory 35 miles east of San Francisco focused on applying state of the art science, engineering, and operational expertise to Nuclear, International and Domestic and Energy and Environmental Security missions.

Chemical and Material Sciences play critical roles in meeting the decades-long challenges in these areas including developing target and optical materials for the National Ignition Facility, science-based predictive models of material behavior and aging, and new material and manufacturing solutions for emerging energy security needs. An overview of LLNL, its missions, and examples of the integration of our capabilities in synthesis, characterization, multiscale modeling, and advanced manufacturing to advance material and component design and understanding will be presented.

This work is performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344.

Biography:

Dr. Maxwell is currently the Division



Leader for Material Science at Lawrence Livermore National Laboratory. The 350 staff within MSD support all the National Security programs at LLNL and include core capabilities in computational material science, advanced characterization, optical and composite material synthesis and manufacturing, and actinides and energetic materials. Dr. Maxwell received his Ph.D. in 1993 from the University of California Santa Barbara. He served as a Postdoctoral Fellow at PNNL and joined LLNL in 1997. Since then he has held numerous management and technical roles. He has ongoing research interests in the development and use of nuclear magnetic resonance (NMR) methods to study the structure and dynamics of materials, including glasses, ceramics, polymers, and composites; the application of experimental and computational methods to gain fundamental understanding of material aging and degradation mechanisms; and the development and characterization of novel materials and synthesis and manufacturing processes (including Additive Manufacturing) to meet the needs of the laboratory's National Security sponsors.

SVACS September Dinner Seminar

Date: Thursday, September 6, 2018

Time: 6:00 p.m. Social Hour

7:00 p.m. Dinner

8:00 p.m. Presentation

Speaker: Dr. Robert Maxwell

Lawrence Livermore National
Laboratory
Materials R&D at LLNL

Location: Michael's at Shoreline Park
Mountain View, CA

<http://michaelsatshoreline.com/>

Costs: \$30 regular

\$15 for student/unemployed/
retired

Menu: Chicken Cordon Bleu or Grilled
Salmon or Spinach and Cheese Tortellini

Registration: www.scvacs.org

Sally Peters 650-477-3027

Reservations should be made by
September 4th. Watch the web site for
more information. If you are unable to
honor your reservation, please cancel by
Wednesday, September 5th.

2018 Mosher Award

Gary Molander, PhD

The 2018 Harry and Carol Mosher award winner is Gary Molander, PhD, Hirschmann-Makineni Professor of Chemistry, University of Pennsylvania. His research interests are in the development of new synthetic methods for organic synthesis, particularly in the invention of transition metal-catalyzed protocols for the construction of carbon-carbon bonds. Dr. Molander won numerous awards for his research, including the ACS Herbert C. Brown Award for Creative Research in Synthetic Methods. He has been an active member of the Division of Organic Chemistry (DOC), serving as Member-at-



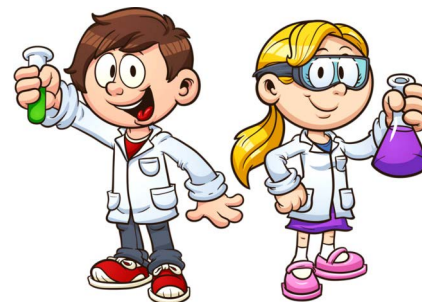
Large of the Executive Committee, Secretary-Treasurer, and Chair of the Division.

One important initiative established by Molander, in collaboration with Andrew Evans, is the Graduate Research Symposium. This symposium was started 5 years ago as a way to reach young DOC members – a

group not typically well served by the Division. It brings together approximately fifty 3rd year graduate students and senior academic and industrial chemists from across the country for 4 days of scientific and career discussions. This meeting is unique in that the vast majority of talks and discussions are stu-

dent driven. In addition, evening panel sessions are organized that highlight various career options. Senior level scientists working in academia, industry, government, publishing, and law are just a few of the role models who are available to the graduate students.

Dr. Molander will accept his award on January 24, 2019, and present a seminar entitled “Single Electron Processes Enabling Organic Synthesis”. Please mark your calendars and save the date.



Welcome to the Silicon Valley Section of ACS

Each month, the section receives a spreadsheet from national ACS with the names of members new to our section. The members are either new to ACS, have transferred in from other areas, or are the newest members – students. To welcome you to the section and get to know you, the Executive Committee offers new members a free dinner! To encourage you to attend a monthly section seminar meeting, we would like you to be our guest. When you register, make certain to mention that you are a new member and you and a friend will be our guests. The seminar meetings are held at a number of local venues. If you are unable to attend in the evening, perhaps you would join us for an outreach event, like judging a science fair, proctoring the Chemistry Olympiad or participating in a National Chemistry Week event in October. Then, there is our annual wine tasting and awards picnic in July. The local section is a volunteer organization. Please attend an event, volunteer to help and get to know your local fellow chemists. Welcome!

New SVACS Members

Dr. Alexandros Anastasopoulos	Madeleine Kieffer	Dr. Yuan Ping
Maggie Asher	Kristjan Kunnus	Vanja Polic
Sharon Bone	Dr. Mario Latendresse	Dr. Nuria Queralto Gratacos
Margie Borra-Garske	Alice Lay	Dr. Prasad Sudhakar Raut
Bo Douglas Bramer	Dr. Lingyin Li	Angel Resendez
Neil Bryan Castro	Yingdong Luo	Nathaniel Richey
Hang Chu	Dr. Peter Madrid	Heather Renee Rounds
Dr. Jennifer R. Cochran	Dr. Randy Mehlenbacher	Michael Schmidt
Mr. Brandon David Conley	Peter Mehring	Ella L. Schwirzke
Jared Conte	Dr. Ferdinand Melkonyan	Christopher Siefe
Meggan Kathleen Cooperrider	Eredzhep Menumerov	Katherine Sytwu
Tilani De Costa	Steven Kent Montalvo	Jessica Anne Thomas
John Doherty	Frank Russell Moss III	Dr. Brian G. R. Treco
John E. Eksterowicz	Dahyun Oh	Hilda Astrid Vega
Rasmus Fonseca	Skylar Osler	Alice Walker
Dr. Blaine Harrison	Sachin Patil	Dr. Yan Xia
Jessica Hauck	Benjamin Jenner Pavlik	Longfei Xie
Dr. Robert Reagan Holloway	Rama K. Penta	Dr. Laura J. Yeager
Dr. Alexander Holm	Rukshan Perera	Chiayun Joy Yu
Thanayuth Jenpichitkulchai		

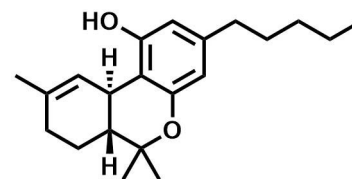
Chemistry Quiz

Generic versions of the high blood pressure medication, valsartan, were recalled in July of 2018 due to contamination with which human carcinogen?

The answer will appear in next month's newsletter.

Last Month's Chemistry Quiz

What is the common name and biological role of this molecule?



This molecule, dronabinol, is a synthetic form of tetrahydrocannabinol (THC) approved by the FDA as an appetite stimulant for people with AIDS and antiemetic for people receiving chemotherapy. It is a cannabinoid CB1 receptor agonist.

Talks and Posters by ACS COMP Together and UCSF Pharm Postdocs

Presented by ACS Computer in Chemistry Division

Date and Time: September 6, 2018, 6 p.m.

Location: UCSF, 1700 4th Street, UCSF Mission Bay GH-N114, San Francisco, CA 94158

If you would like to attend this ACS COMP Together event, please visit the ACS COMP website and register using the http://app.acscomp.org/COMP_Together/meeting_signup.php?event_id=40.

Teach the Teachers Workshop

Attention Teachers!

We are holding a second Teach the Teachers Workshop this year. The workshop will be held on Saturday, October 13, 2018, and will follow the 2018 National Chemistry Week theme, Chemistry is Out of this World. The workshop is designed for elementary and middle school educators, where several chemistry-related activities will be demonstrated in regard to this year's theme. Resources including a curriculum binder and all the materials needed to recreate the activities in the classroom will be provided free of charge to each educator that participates. This workshop is sponsored by Silicon Valley Section ACS with generous support from Gilead Sciences, Inc. If you are a 4th through 8th grade educator, and would like to attend, please visit us at http://scvacs.org/?page_id=1867 or email us at TeachTheTeachersACS@gmail.com. Registration begins on September 7, 2018.

Additionally, we are looking for volunteers to help with this event. The opportunities and times are varied – come early (8:00 a.m.) and help set up; help with registration (9:00 a.m.); help with lunch set up and/or takedown (12:30-2:00 p.m.); or help with the end of day clean up (3:00-4:00 p.m.). If you would like to volunteer for this fun and worthwhile event, or you have any questions, please email us at TeachTheTeachersACS@gmail.com.

Silicon Valley Younger Chemists Committee Speed Networking

September Event

Date: Thursday, September 27, 2018; 6-8 p.m.

Location: Santa Clara University (specific details will be listed on the SVACS website, www.scvacs.org)

October Event

Date: Tuesday, October 23, 2018; 6-8 p.m.

Location: San Jose State University; Duncan Hall Room 505

Description: Kick off the semester on the right foot by joining us for a night of speed networking with professionals from industry, academia, and national labs. This is an excellent opportunity to practice and receive feedback about your professional networking skills. The event will consist of 2-3 minute sessions introducing and presenting yourself to each professional volunteer in a round robin fashion. All are welcome. Students and post-docs are encouraged to participate. Additional details about the events including the list of professional volunteers will be available on the SVACS website, www.scvacs.org, soon. Please contact Dr. Matt Greaney (YCC Chair) at greaney19@gmail.com with additional questions.

SVACS Bylaw Amendments

2018 Summary

The Executive Committee has reviewed and approved proposed amendments to our bylaws and are ready for your vote for approval in November 2018. The amendments are summarized below:

1. Terms of Secretary and Treasurer change from one year to two years. (Bylaw V, Section 3).
2. Clarifies language in filling vacancies on the Executive Committee. (Bylaw V, Section 6).
3. Changes the procedure for petition candidates. (Bylaw VI, Section 3).
4. Establishes five (5) standing committees: Nomination, Bylaws and Policies, Budget and Finance, Program, Awards. (Bylaw VIII, Section 2).
5. Establishes a quorum of thirty-five (35) member at a section meeting to transact business. (Bylaw IX).
6. Adopts various bylaws changes recommended by ACS Constitution and Bylaws Committee (C&B) that include rearranging and changing the numbers of the bylaws' sections, formatting, fonts, spacing, and clarifies language in several bylaws.

The Bylaws Committee utilized the set of Model Bylaws provided by ACS as a guide to amend our current bylaws. The amendment process took several months to complete and we received approval from ACS C&B to submit the amendments to the membership for a vote to approve or reject them in November. A 2/3rds "yes" vote is required of the voting members to approve the changes. The proposed amended and current bylaws can be found on our website, <http://www.scvacs.org/files/Bylaws2017.pdf>, for your review.



ACS SACRAMENTO PRESENTS:

FLAVORS OF CHEMISTRY: BEER AND CHEESE

SAT. SEPT. 29, 2018

1:00 PM – 4:00 PM

UC DAVIS ARC BALLROOM (232 ARC ONE SHIELDS AVENUE, DAVIS)



Prof. Charlie Bamforth

Anheuser-Busch Endowed Professor of Malting and Brewing Sciences at UC Davis will speak about the flavor of beer.



Prof. David Everette

Food Endowed Professor and Director of the Dairy Innovation Institute at Cal Poly will speak about the flavor of cheese.

FOR MORE INFORMATION CONTACT: CARLA SAUNDERS AT CMSAUNDERS@UCDAVIS.EDU

SEE [HTTPS://FLAVORS-OF-CHEMISTRY-2018.BROWNPAPERTICKETS.COM/](https://flavors-of-chemistry-2018.brownpapertickets.com/)

FOR INFORMATION AND TICKETS

National Chemistry Week 2018: Calling all Volunteers!

Hands-on science experiments for children are among the activities planned for area residents during this year's celebration of National Chemistry Week, October 21-27. This year's theme is "Chemistry is Out of This World!" and will feature the chemistry of outer space!

Celebrate National Chemistry Week 2018 with hands-on chemistry for kids! Join us for a day of outer space-themed, hands-on science activities for elementary-school children and their parents. The Chemistry Wheel

of Fortune will be spinning for all children to win a prize. Children will make colorful slime in the slime lab, experiment with boo bubbles and learn about the chemistry of outer space.

This will be followed closely by the annual STEM Day at Mountain View High School, date TBD. We are seeking ACS member volunteers to again oversee the efforts of the local college volunteer crew who will run a hands-on experiment with these high school scientists.

Finally, again this year our section will

participate in the National Illustrated Poem contest and entries are due to akennedycali2007@yahoo.com by 31 October. For details and rules, please visit www.chemistryweek.org. And please pass this information along to any teachers, scout troops or young poets or illustrators that you may know.

To volunteer for any of these activities, please contact Abby Kennedy at akennedycali2007@yahoo.com. And have a great National Chemistry Week!



Project SEED 2018

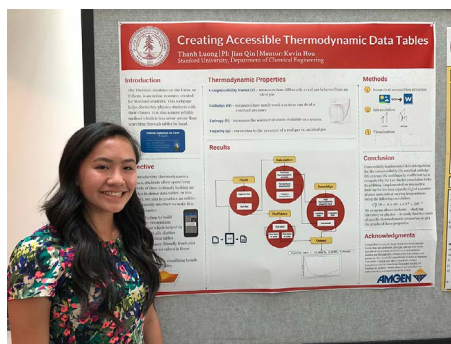
This year, 2018, is the 50th Anniversary of ACS Project SEED. Chemical and Engineering News reports that Project SEED has changed the lives of more than 10,000 students who have participated in the program so far. The concept is simple: The program funds bright high school students from economically disadvantaged families so they can spend the summer as research assistants in an academic, industry, or governmental research laboratory. SEED students work one-on-one with a research scientist, earn a fellowship, and participate meaningfully in research.

In 2018, the Silicon Valley section and National ACS supported three project SEED students. The students joined the project RISE internship program at Stanford University (Raising Interest in Science and Engineering). It's an intensive 7-week summer program for SF Bay Area students interested in science, engineering, math, computer science, or psychology. Students spend 30 hours a week on the Stanford campus, working in an active research lab under the guidance of a mentor from the lab (typically a graduate stu-

dent), and attending weekly group sessions that include field trips, presentations, hands-on science activities, and lab tours. RISE is designed for bright low income students and those who will be the first in their families to attend college.

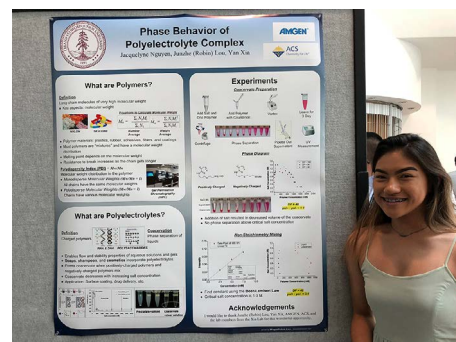
The 2018 Project SEED students worked with faculty from the Departments of Chemistry, Chemical Engineering and Materials Science. Their research projects are titled:

- SEED student: Thang Luong "Creating accessible thermodynamic data tables"
- SEED student: Jacquelyne Nguyen "Phase behavior of polyelectrolyte complex"

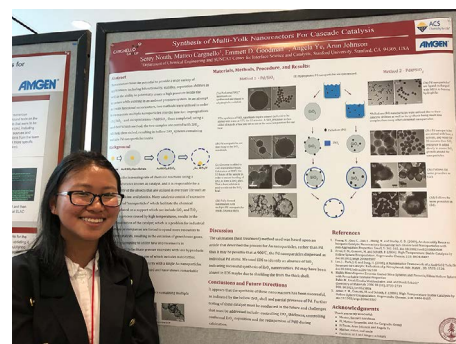


SEED student Thang Luong and her project

- SEED student: Serey Nouth "Synthesis of multi-yolk nano reactors for cascade catalysis"



SEED student Jacquelyne Nguyen and her project



SEED student Serey Nouth and her project

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2nd Annual YCC and Senior Chemists Home Brew Competition

A Tasting, Judging, and Networking Event

Date: Saturday, November 10, 2018

Time: Noon to 3 p.m.

Location: Golden State Brewery, 1252 Memorex Drive, Santa Clara, CA 95050

Lead Contact: Matt Greaney (SVACS Councilor and YCC Lead); greaney19@gmail.com

Registration: Site under construction, will be posted on SVACS website in September

Registration Cost: \$20 regular, \$10 students and 50-yr members

Description: Come join the Silicon Valley ACS section for the 2nd Annual Younger Chemists and Senior Chemists Home Brew Competition. Back by popular demand, this event will be held on Saturday, November 10, from noon to 3 p.m. at Golden State Brewery. Meet your YCC and SCC members, and network with like-minded, beer-appreciating chemists and friends. All are welcome. The event will begin with unlimited beer tastings of any and all of the home brews entered, followed by judging and announcement of awards. Registration includes lunch from a local food truck, unlimited home brew sampling, and a pint or flight of beers from the

Golden State Brewery lineup. Anyone interested in entering a home brew (or more than one) is encouraged to contact Matt Greaney at greaney19@gmail.com. All home brewers entering a beer will be given a visa gift card as partial compensation for materials. The People's Choice and the Judge's Choice winners will be awarded an apparel package from the brewery's gift shop. As a special bonus, the Judges Choice winner will be invited back to brew a commercial-scale batch of their beer with head brewer Seth Hendrickson. This is a great opportunity for networking and exploring your home-brewing know-how. Don't miss out!



SVACS Science Book Group

Attention Book Lovers!

The next meeting of the Silicon Valley ACS Book Group will be held on September 22, 2018, at 3:00 pm. Please email Jigisha Shah at jssheth@syr.edu for details about the venue. This time, we will be meeting to discuss the book, *Bad Blood - Secrets and Lies in the Silicon Valley Startup* by John Carreyou. Carreyou was the journalist who exposed the once high-flying startup, Theranos. Founded by Elizabeth Holmes, Theranos claimed to have developed a way to perform a full battery of blood tests with a single pinprick. At its height, Theranos was valued at \$9 bn and Holmes' face was found on the cover of every major news magazine. She was touted as the next Steve Jobs. Business and political stalwarts like Henry Kissinger, Rupert Murdoch, George Shultz, all fell for her charm. In reality, Theranos' tests never worked. Blood was often drawn from the vein and analyzed by Seimens machine. Theranos seems to be another example of management overpromising and then underperforming. Carreyou has done an excellent job presenting the scientific, human, ethical and social sides of the story and will make an excellent book club discussion. We look forward to seeing you all there!

SVACS Picnic Awards Program

July 14, 2018



George Lechner and guests enjoying BBQ picnic hosted by Armadillos Willy's



Matt Greaney and Nick Harvey hosts of Beer Tasting Table.



Natalie McClure announcing the Harry & Carol Mosher Award.



Peter Rusch is the recipient of the 2018 Radding Award, with Heddie Nichols



Grace Baysinger with Algis Rudinskas, 50 year member of ACS.

NoBelles

Christiane Nüsslein-Volhard
Marie Curie
Rachel Carson
Jane C Wright
Ada Yonath
Maria Goeppert Mayer
Dorothy Crowfoot Hodgkin
Carol Greider
Françoise Barré-Sinoussi
Rosalind Franklin
Gertrude Elion
Rita Levi-Montalcini
Gerty Theresa Cori
Barbara McClintock
Rosalyn Yalow
Elizabeth Blackburn
Linda Buck
Irene Joliot-Curie
Alice Hamilton

Legends of Women in Science

“No Belles” is a performance of the stories of women scientists who *have and have not* received the Nobel Prize.

A significant disparity in our society is the number of women pursuing careers in STEM. An oft-cited reason for this imbalance is the lack of good role models. The Portal Theatre group’s “No Belles” makes visible the significant contributions of women in science. Its broad reach of topics is a powerful catalyst for interactions between the sciences and the community.

Notably, a performance of “No Belles” was hosted by the ACS in 2017 at the Fall National meeting as an adjunct to a symposium on the underrepresentation of women in chemistry. It is outlined in [CE&N’s Sept 11 2017 edition](#).

The Silicon Valley and California ACS local sections are teaming up to host performances of

“No Belles” on six college campuses around the San Francisco and Monterey Bay areas in October.

Performances will be hosted jointly by a variety of organizations on each campus, including Deans’ offices, chemistry clubs, Women in Science and Engineering (WiSE) and American Women in Science (AWiS) chapters, STEM and STEAM programs, and departments of chemistry, gender studies, and theater arts.

The cost of offering these performances to members of university campuses *and* their surrounding communities is supported in part by generous donations from individuals, local companies, academic departments, and ACS grants.

[Please contact us](#) to contribute to the No-Belles “phenomenon” highlighting the importance of inclusivity in science *via* the enjoyable and effective medium of drama.



Silicon Valley ACS performances

- Oct 14: Santa Clara University
- Oct 15: Stanford University
- Oct 16: UC Santa Cruz
- Oct 17: San Jose State University

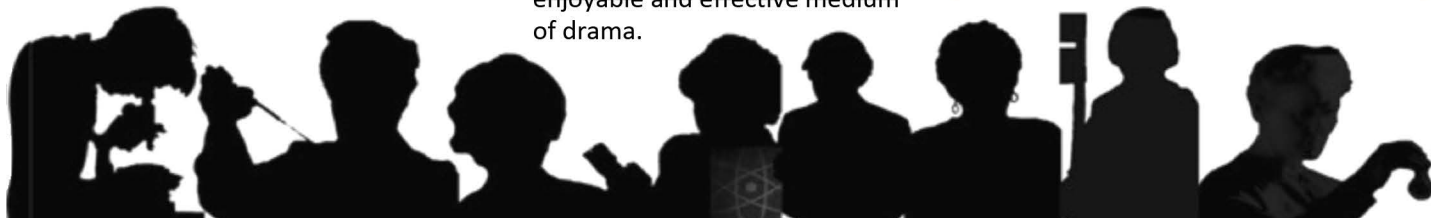
California ACS performances

- Oct 12: Dominican College
- Oct 13: Mills College

Each performance is followed by a talk-back session and reception with the cast to foster discussion of the issues illuminated in the play.

To offer support, volunteer, and inquire: svacsnobelles@gmail.com

Keep an eye on the svacs.org website for additional information of times, locations, parking, and required registration.





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



To receive an email when our newsletter
is published on our web site, sign up at:
http://scvacs.org/?page_id=99

SILICON VALLEY SECTION

2018 Section Officers

Chair	Melody Esfandiari	408-924-4973	melody.esfandiari@sjsu.edu
Chair-Elect	Grace Baysinger	650-725-1039	graceb@stanford.edu
Past Chair	Todd Eberspacher	650-723-2505	eberspacher@stanford.edu
Secretary	Jigisha Shah	315-289-5115	jssheth@syr.edu
Treasurer	Ihab Darwish	650-624-1389	darwishis@yahoo.com

Councilors

2016-2018	Linda Brunauer	408-554-6947	lbrunauer@scu.edu
2016-2018	Sally Peters	650-447-3027	sallybrownpeters@gmail.com
2018-2018	Peter Rusch	650-961-8120	pfrusch@aol.com
2017-2019	George Lechner	408-226-7262	glechner@aol.com
2017-2019	Matt Greaney	510-410-0195	greaney19@gmail.com
2018-2020	Ean Warren	650-329-4554	ewarren@scvacs.org
2018-2020	Natalie McClure	650-906-7831	nmclure@drugregulatoryaffairs.com

Alternate Councilors

2018-2018	Alex Klevay	408-561-0087	alex.klevay@gmail.com
2018-2018	Richard Bone	650-714-7897	rgab2@pobox.com
2018-2018	Howard Peters	650-447-3027	peters4pa@sbcglobal.net
2017-2019	Elizabeth Migicovsky	408-924-5012	elizabeth.migicovsky@sjsu.edu
2017-2019	Jigisha Shah	315-289-5115	jssheth@syr.edu
2018-2020	Madalyn Radlauer	408-924-5482	madalyn.radlauer@sjsu.edu
2018-2020	Jane Frommer	408-927-2225	jane@collabra.net

Newsletter

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Assoc. Editor	Partha P. Bera		partha.pb@gmail.com

ChemPloyment Abstracts

Director:	Liang Cao	liang.cao@aol.com
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FUTURE EVENTS

- Sep 6** *SVACS Networking and Dinner Seminar*
Materials R&D at Lawrence Livermore
National Laboratory
Dr. Robert Maxwell
Michael's at Shoreline, Mountain View, CA
- Sep 27** SVACS YCC Speed Networking Event
San Jose State University
- Sep 29** *Flavors of Chemistry*
Beers and Cheeses
Sacramento ACS Section, UC Davis
- Oct 12-17** No Belles live performances
www.scvacs.org for more info
- Oct 23** SVACS YCC Speed Networking Event
Santa Clara University
- Oct 22-28** National Chemistry Week
"Chemistry is Out of this World!"
- Nov 10** 2nd Annual SVACS YCC Home Brew
Competition
Golden State Brewery
Santa Clara, CA

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