

SILICON VALLEY CHEMIST



TABLE OF CONTENTS

SVACS & GGPF 2022 Joint Webinar	1
Chair's Message	1
EPA List of Disinfectants for Emerging Viruses	2
Radding Award Winner	3
Upcoming Events	3
SVACS Annual Picnic & Awards	4
Chemistry Olympiad	5
2022 EDUCAUSE Horizon Report	5
Time to Review Your Periodic Table	5
CCEW Poetry Contest Winners	6
Science and Technology Public Perceptions	6
Directory of Open Access Books	7
National Organic Chemistry Symposium	7
Directory of OA Books Milestone	8
Cleopatra Contributed to Science & Medicine	8
Making Maple Syrup (Video)	8
Second Skin Digital Exhibit	8
CAS Common Chemistry in 2021	8
In the News: Interesting & Cool Science	8
ACS Open Access Agreement with California Institutions	9
	9
New Members	
Science Education in an Age of Misinformation	
Schrödinger Educator's Day	9
Chemistry Quiz	9

Chair's Message

Stephanie Benight, Ph.D.



Summer is here, a busy season for our Silicon Valley ACS Section.

Our notable event each year in June is the annual joint meeting with the Golden Gate Polymer Forum (GGPF)

where we enjoy mixing the memberships of the two science-supporting organizations. This year our featured speaker is Dr. John Warner, co-founder of the Warner Babcock Institute for A joint event of the Golden Gate Polymer Forum and ACS Silicon Valley Section

The Circular Economy of Polymers & Recycling Technologies Inventing a Sustainable Future in Partnership with Nature

Dr. John C. Warner

Senior Vice President, Chemistry, Distinguished Research Fellow, Zymergen Corporation Thursday, June 23, 2022, 6:00 PM.

Free/\$5 donation. *Registration* required by Wednesday, June 22, 2022, at 1:00 PM. When registering, please indicate your primary affiliations: GGPF, ACS, or both. *View and share flyer.*

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SVACS & GGPF Joint Webinar, continued from previous page

Abstract:

The natural world is a beautiful and intricate system of intertwined and overlapping materials ecosystems that co-emerged over 3.8 billion years in the presence of one another. The vast majority of industrial products and processes have developed relatively independent of each other, not symbiotically as adjacent processes. This pattern of disconnection is not sustainable over the long run. The pathway to create technological ecosystems will require the inventive application of biomimicry and green chemistry - the molecular level mechanistic underpinnings of sustainability. This presentation will describe mechanisms in nature that we should consider when designing the human-built world. Illustrative examples of practical real world deployments will be presented.

Bio:

John is a senior vice president of chemistry and distinguished research fellow at the Zymergen Corporation, where they design and create commercial technologies inspired from nature consistent with the principles of green chemistry.

With over 300 patents, he has invented solutions for dozens of multinational corporations, and his inventions have served as the basis for several new companies. John is a cofounder of the field of green chemistry, coauthoring the defining text and articulating 12 principles of green chemistry. He has been involved with



foundational work in the fields of noncovalent derivatization, polymer photochemistry, metal oxide semiconductors, and synthetic organic chemistry. John has received many prestigious international awards, including: named by ICI Services as one of the most influential people impacting the global chemical industries; elected a Fellow of the American Chemical Society; named one of "25 Visionaries Changing the World" by Utne Reader; and in 2017 the German Ministry of Economic Affairs and The Technical University of Berlin announced "The John Warner Center for Green Chemistry Start-Ups" in his honor. He serves as Distinguished Professor of Green Chemistry at Monash University in Australia and as the Global Chair for the Center for Sustainable and Circular Technologies at the University of Bath.

John received his BS in Chemistry from UMass Boston, and his PhD in Chemistry from

Princeton University. After working at the Polaroid Corporation for nearly a decade, he served as tenured full professor at UMass Boston and Lowell in Chemistry and Plastics Engineering. In 2007, along with Jim Babcock he founded the Warner Babcock Institute for Green Chemistry, a research organization developing green chemistry technologies. With Amy Cannon, he founded Beyond Benign, a non-profit dedicated to sustainability and green chemistry education. He now advises several international organizations and in 2020 began working with the Zymergen Corporation.

Chair's Message, continued from previous page

Green Chemistry, and Research Fellow in Green Chemistry & Sustainability at the Zymergen Corporation.

You might recall that Dr. Warner received the *SVACS Mosher Award in 2016* for his contributions to the green chemical enterprise. *Join us* (virtually) on Thursday evening, June 23, to hear about pathways for creating technological ecosystems by inventive application of biomimicry and green chemistry.

We've announced the winners of our Chemists Celebrate Earth Week Illustrated Poem contest. You can view these colorful winning submissions in this newsletter, created by awesome local middle school students.

Our section's *Radding Award* is also announced in this newsletter. Be inspired by its worthy recipient, Dr. Marinda Wu, who has contributed countless hours to the chemistry community.

We're in the middle of a push to expand our social media following to advertise our events to a broader audience. *Follow us on LinkedIn*! You can find us at ACS Silicon Valley Section. Are you active on *Facebook* or *Twitter*? Join our social media team to get the word out on the many SVACS activities and opportunities in our region.

Looking ahead to July – save the afternoon of Saturday, July 16, 2022, for our *annual picnic* to be held at Cuesta Park in Mountain View. We will have BBQ from Armadillo Willy's, wine- and beer-tasting, awards for our long time Section members, and good in-person company.

I'm sorry to report that a dear, long-time member of our Section passed away recently, Dr. Lois Durham. She was one of the original members of our ACS Section and supported the section in numerous roles.

As always, should you have any feedback or questions, please don't hesitate to reach out to me at *chair@siliconvalleyacs.org*.

EPA Releases List of Disinfectants for Emerging Viral Pathogens (EVPs) Including Monkeypox



On Monday, May 23, 2022, EPA triggered its emerging viral pathogen (EVP) *guidance* in response to recent cases of monkeypox in the United States. EPA expects products on its *List of Disinfectants for Emerging Viral Pathogens* to kill monkeypox when used according to the label directions.

When rare or novel viruses cause outbreaks of disease, there may be few if any disinfectants that have been tested and registered for use against that specific pathogen. To prepare for situations like these, EPA created the EVP guidance, which allows disinfectant manufacturers to submit data to EPA demonstrating a product's efficacy against difficult-to-inactivate viruses.

Monkeypox belongs to a group of viruses that is more susceptible to disinfectants than other types of viruses. While there are no disinfectants registered for use against monkeypox, all products with EVP claims have been tested against viruses that are more difficult to kill than monkeypox.

The use of products with EVP claims supplements but does not replace other infection control practices. Individuals should follow Centers for Disease Control and Prevention (CDC), state, and local public health guidelines. Learn more about monkeypox from the *Centers for Disease Control and Prevention*.

See the list of disinfectants for EVPs, including Monkeypox

2022 Shirley B. Radding Award

Dr. Marinda Li Wu

Marinda Wu has been selected as the recipient for the 2022 SVACS Radding Service Award. The criteria to be selected for the Radding Award are:

- Member of the American Chemical Society for more than 20 years.
- Demonstrated dedicated and unselfish service to ACS members over a sustained period of time



- Provided leadership through elected and appointed ACS positions at local, regional and national levels.
- Made significant contributions to industrial, applied or academic chemistry.

Marinda Li Wu has over 45 years of experience in the chemical industry. She worked many years in research for Dow Chemical R&D where she earned 7 U.S. patents in advanced batteries and membrane separations, and as a business leader for Dow Plastics Marketing where she created partnerships between industry, education, government, and community leaders. These partnerships resulted in the nation's first municipal curbside plastics recycling program for all mixed plastics and in national model recycling programs for schools and industry. Dr. Wu subsequently held management roles at several smaller chemical companies. A strong advocate of STEM education, she founded "Science is Fun!" to interest young students in science and enhance public support for science education.

As an ACS member for over 50 years, Dr. Wu has served in many national and regional leadership roles. These include being elected as the first Asian American ACS President (2013), Board of Directors (2006-2014), Councilor (1996-present), and Chair of the Committee on Economic and Professional Affairs (CEPA) (2003-2005) where she created a Globalization Task Force that brought out the importance of globalization to jobs and careers of ACS members and students. Dr. Wu has also served on numerous other national ACS committees including Local Section Activities Committee (LSAC), Committee on Chemistry and Public Affairs (CCPA), Committee on Public Relations and Communications (CPRC), Petroleum Research Funds (PRF), and Budget & Finance (B&F) as well as the ACS Board Committees on Professional & Member Relations (P&MR), Public Affairs and Public Relations (PA&PR) and Grants and Awards (G&A).

Dr. Wu has also helped countless students and professionals at all career stages as a certified ACS career consultant for almost 30 years. Dr. Wu was Chair of the Women Chemists Symposium at the Western Regional Meeting in 2006.

At her local ACS California Section level, Dr. Wu was Chair during its Centennial Celebration year in 2001, Chair of the Women Chemists Committee four times, Chair of the Government Affairs Committee, and Chair or member of over half a dozen other committees. She continues to serve on the Executive Committee, actively participating at their monthly meetings. She pioneered the Family Science Night in 1997, introduced the popular Science Cafe programs to support public education and outreach, and co-founded the monthly Career Assistance and Transition Group meetings, providing mentoring and resume reviews to job-seeking chemists for many years.

Dr. Wu served on the Council of Scientific Society Presidents

CALENDAR OF EVENTS

- June 2022 -

Jun 6-8 The 26th Annual Green Chemistry & Engineering Conference
Sponsored by the ACS Green Chemistry Institute
Reston, Virginia and Online (fully hybrid meeting for speakers and attendees) Learn more

Jun 9 How to Plan and Organize Your Competitive Research Proposal
Nancy Jensen, ACS Office of Research Grants; and Joerg Schlatterer, ACS
Student & Postdoctoral Scholars Office, ACS Bridge Project
Sponsored by ACS Webinars and ACS Student & Postdoctoral Scholars
11am-Noon, Online via Zoom, Free. Registration required

Jun 21 Chemistry, ACS And YOU: The Value of Getting Involved
 Dr. Judy Giordan - 2022 ACS President-Elect
 Sponsored by the Women Chemists Committees of the ACS California & ACS Puget Sound Sections, and ACS Portland and ACS Alaska
 5-6pm, Online via Zoom, Free. Registration required

Jun 22 Schrödinger Educator's Day 2022 11am-4pm PT, Free, Learn more and register

Jun 23 The Circular Economy of Polymers & Recycling Technologies - Inventing a Sustainable Future in Partnership with Nature

Dr. John C. Warner, Zymergen Corp. and Warner-Babcock Green
Chemistry Institute

Sponsored by ACS Silicon Valley Section and Golden Gate Polymer Forum 6-7pm, Online via Zoom, Free/\$5 Donation, *Registration required* (Deadline: June 22 at 1pm)

Jun 26-30 47th National Organic Chemistry Symposium Sponsored by the ACS Organic Chemistry Division La Jolla Marriott, California. Learn more

- July 2022 & Beyond -

Jul 16 ACS Silicon Valley Annual Picnic and Awards Ceremony
Sponsored by the ACS Silicon Valley Section
4-7pm, Cuesta Park, Mountain View, CA, Learn more

July 20 Polymeric Fibers with Novel Antimicrobial and Antiviral Properties
 Prof. Gang Sun, UC Davis Biological & Agricultural Engineering Dept.

 Sponsored by the Golden Gate Polymer Forum (GGPF)
 6:30 Online via Zoom, \$5 donation/free
 Details and registration available soon

Aug 22-25 ACS Fall 2022 National Meeting: Sustainability in a Changing World Chicago, Illinois (hybrid meeting), Learn more

Oct 19-22 ACS Western Regional Meeting 2022: Empower the Chemist for a Better Tomorrow

Sponsored by the ACS Southern Nevada Local Section Flamingo Hotel & Convention Center, Las Vegas, Nevada, *Learn more*

(2012-2015), the International Advisory Board for 45th IUPAC World Chemistry Congress, and has also been named an honorary member of the Romanian and Polish Chemical Societies. She is a longtime member of the University of Illinois Chemistry Alumni Advisory Board and the Chinese American Chemical Society Board of Directors (Chair, 2019-2022). She has authored over 70 journal articles, internal Dow research papers, and book chapters, co-edited three ACS Symposium Books, and was invited as plenary speaker for the Federation of Asian Chemical Societies as well as many other international and domestic conferences.

Dr. Wu was elected ACS Fellow in 2015. She received her Ph.D. in inorganic chemistry from the University of Illinois in Urbana-Champaign and a B.S. cum laude with Distinction in Chemistry from The Ohio State University.

Silicon Valley ACS Annual Picnic & Awards

Come celebrate together with wine- & beer-tasting, good food & awards



For information go to https://www.siliconvalleyacs.org. Registration (deadline 13 July 2022) is required to make sure there is plenty of food.

ACS National High School 2022 Chemistry Olympiad

Each year, ACS runs a competition to identify the top high school chemists to represent the United States in the International Chemistry Olympiad. This program is a multiple step challenge that is coordinated by the local sections. The Silicon Valley local section participates each year in administering the exams. This year, we have an outstanding group of young chemists. Two of our students achieved scores that qualify them to proceed to the next step: National Study Camp at the University of Maryland. Five of the Silicon Valley students received High Honors and nine were recognized on the Honor list for the National Competition. This is a huge accomplishment for our students, and recognizes also the strength of the chemistry education being offered in the local school systems.

Over 300 students from 25 different high schools participated in our local qualifying exam. From these, the top 15 were nominated to compete in the National competition which consists of a multiple choice exam, a problemsolving exam, and a laboratory practical. Over 1000 students participate in the National exams across the country, and the top 175 are recognized on the High Honors and Honors list. In addition, 20 students are selected to attend the



Chemistry Olympiad Laboratory Practical, at Los Positas College, April 2022

Study Camp. From these 20 students, 4 are selected to represent the US team in the International Competition to be held in July. Unfortunately, this year the international competition will have to be virtual again due to Covid. It was scheduled to be held in China where infection rates are high.

Please join us in congratulating all the students who participated in the Chemistry Olympiad and in thanking the teachers who made this possible. These students represent the future of the ACS and the chemical enterprise.

Alex Gu, a senior at Gunn High School in Palo Alto, will attend the Study Camp again this year. This will be his second year at the Study Camp. Alex enjoys chemistry because it offers the perfect blend of engaging problem solving and fun trivia. He is looking forward to the Study Camp as a perfect way to tie off his journey through the Chemistry Olympiad before heading to Stanford in the fall.

Gilford Ting, a senior at Cupertino High School, will attend his first Study Camp. His interest in chemistry started when his sophomore chemistry Honors teacher poured nitric acid on a penny and made brown gas and blue Gatorade-colored liquid appear out of nowhere. He has since learned that drinking solutions in the laboratory is a very bad idea, but continues to be fascinated by the beauty of chemistry, from the atomic scale up to the industrial scale. He also leads his school's Science Bowl team, serves as his class council's vice president, and dances as part of KASA, his school's Korean dance team. Gilford will be attending MIT in the fall and plans to study chemistry, physics, or computer science.





Gilford Ting

2022 EDUCAUSE Horizon Report **Teaching and Learning Edition**





"This report profiles the trends and key technologies and practices shaping the future of teaching and learning, and envisions a number of scenarios and implications for that future. It is based on the perspectives and expertise of a global panel of leaders from across the higher education landscape."

Learn more and read the full report

Time to Review Your Periodic Table

The "Standard Atomic Weights of the Elements 2021" is out and so is an updated Periodic Table which contains these latest revisions listing the abridged atomic weights along with their +/- values. Learn more

IUPAC Periodic Table of the Elements

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2022 Chemists Celebrate Earth Week ACS Silicon Valley Illustrated Poem Contest

To promote the positive role that chemistry plays in the world, the ACS hosts the *Chemists Celebrate Earth Week* (CCEW) public awareness campaign. During CCEW, ACS members and chemistry enthusiasts celebrate by communicating the importance of chemistry.

The 2022 theme for Chemists Celebrate Earth Week is "The Buzz about Bugs: Insect Chemistry."

Silicon Valley ACS celebrates CCEW by asking school children to create illustrated poems based on the year's theme, and awarding prizes for outstanding contributions.

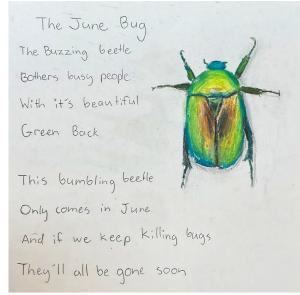
Enjoy this year's colorful and meaningful creations here!

2022 Winner: Reanne Li, Grade 72022 Runners up: Chelsea Xie, Grade 7

Maya Choudhari, Grade 7



Winner: Reanne Li, Grade 7



Runner up: Maya Choudhari, Grade 7



Runner up: Chelsea Xie, Grade 7

Science and Technology: Public Perceptions, Awareness, and Information Sources

Published in May 2022 by the National Science Board, this report explores indicators of public perceptions of science and technology. This includes public familiarity with science research processes, American adults' exposure to sources of science information, and their involvement in scientific activities.







ACS Western Regional Meeting

Now Accepting Abstracts

Abstracts are now being accepted for oral and poster presentations for the 2022 Western Regional Meeting (WRM). The theme, Empower the Chemist for a Better Tomorrow, will be at the core of programming for the event.

This four-day event hosted by the ACS Southern Nevada local section (ACS-SNS) will highlight achievements, peak challenges, and opportunities in the ACS western region and beyond.

Visit the website to find a list of the programming divisions and planned symposia open for submissions.

The deadline to submit an abstract is Tuesday, July 5. Submit an abstract

Submit Your Award Nominations

Help recognize a member or partner in the chemical enterprise by nominating them for one of the following awards. The deadline to submit nominations is August 1. Learn More & Nominate

- Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences: This award recognizes individuals and/or institutions who have advanced diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the
- E. Ann Nalley Regional Award for Volunteer Service to the American Chemical Society:

- This award recognizes the volunteer efforts of individuals who have served the American Chemical Society, contributing significantly to the goals and objectives of the Society through their regional activities
- Partners for Progress & Prosperity Award: To encourage and recognize successful and exemplary partnerships, advancing advocacy efforts with government and other thought leaders, and supporting STEM education or research.
- Regional Awards for Excellence in High School Teaching: The Division of Chemical Education established an endowment to support Regional Awards for Excellence in High School Teaching in each ACS Region.

Book Your Stay in Las Vegas

Take advantage of exclusive rates and benefits by booking your housing at the Flamingo Las Vegas. Book your stay

The all-in-one casino, hotel, and resort offer everything an adventurous vacationer could want. Located at the center of the Strip and adjacent to The LINQ and High Roller, this Las Vegas hotel combines heart-pounding excitement with hospitality.

Visit the website to find more information and use the reservation link to ensure you support the meeting.

47th National Organic Chemistry Symposium



June 26-30, 2022



University of California



Nobel Prize 2018 California Institute o





nationalorganisymposium.org #NOS2022





Emily Balskus, PhD



Michelle Chang, PhD



Nicolai Cramer, PhD



Mingji Dai, PhD Purdue University



Sabine Hadida, PhD



Seth Herzon, PhD



Masayuki Inoue, PhD





László Kürti, PhD



Bradley Moore, PhD



Javier Read de Alaniz, PhD Santa Barbara



University of Michigan



Corinne Schindler, PhD Steven Townsend, PhD



Seble Wagaw, PhD









A milestone – 50,000+ titles in the Directory of Open Access Books



"A milestone for open access – the *Directory* of *Open Access Books* now includes over 50,000 open access books published in 90 languages by 560 academic book publishers. The directory, representing scholarship from authors and publishers around the globe, is openly available to the scholarly community and the general public at large.

The Directory of Open Access Books (DOAB)

– an initiative launched in 2012 inspired by the Directory of Open Access Journals (DOAJ) – indexes peer-reviewed open access books and provides information about its publishers. Today we celebrate a milestone for the open access community as we surpass the threshold of 50,000 open access books, while looking ahead at how we may, collectively, continue our efforts enabling open access books to thrive."

Read full blog post: "Guest post: A milestone for the open access book: 50,000 open access books in DOAB and counting" by Tom Mosterd, DOAB, in Open Access Scholarly Publishing Association blog on April 21, 2022.

CAS Common Chemistry in 2021: Expanding Access to Trusted Chemical Information for the Scientific Community



Common Chemistry

Andrea Jacobs, Dustin Williams, Katherine Hickey, Nathan Patrick, Antony J. Williams, Stuart Chalk, Leah McEwen, Egon Willighagen, Martin Walker, Evan Bolton, Gabriel Sinclair, and Adam Sanford

Journal of Chemical Information and Modeling Article ASAP (Publication Date: May 13, 2022) DOI: 10.1021/acs.jcim.2c00268

Abstract: CAS Common Chemistry (https://commonchemistry.cas.org/) is an open web resource that provides access to reliable chemical substance information for the scientific community. Having served millions of visitors since its creation in 2009, the resource was extensively updated in 2021 with significant enhancements. The underlying dataset was expanded from 8000

to 500,000 chemical substances and includes additional associated information, such as basic properties and computer-readable chemical structure information. New use cases are supported with enhanced search capabilities and an integrated application programming interface. Reusable licensing of the content is provided through a Creative Commons Attribution-Non-Commercial (CC-BY-NC 4.0) license allowing other public resources to integrate the data into their systems. This paper provides an overview of the enhancements to data and functionality, discusses the benefits of the contribution to the chemistry community, and summarizes recent progress in leveraging this resource to strengthen other information sources.

In the News: Interesting & Cool Science

- The physics of gel-like substances (article is part of the series The Future of Everything, Stanford Engineering, May 5, 2022).
- Automated Research Workflows Are Speeding Pace of Scientific Discovery; New Report Offers Recommendations to Advance Their Development (News Release from the National Academies of Sciences, Engineering, and Medicine, May 10, 2022).
- A new approach to vaccinations: 3D printed patches (Scope, Stanford Medicine, May 12, 2022)
- How three mutations work together to spur new SARS-CoV-2 variants (ACS Press Release, May 17, 2022).
- How to tie-dye cotton with acorns and rust (ACS Press Release, May 26, 2022)

3 ways Cleopatra Contributed to Science and Medicine



"Cleopatra supported advancements in science and medicine. She also contributed to The Great Library of Alexandria, which was eventually destroyed after Cleopatra's death during the Roman

occupation. Arabic-language texts note her legacy as a scientist and a scholar. Here are three documented examples of Cleopatra's scientific prowess." (Source: Sigma Xi Newsletter, *April 28, 2022 issue*).

Read full text article published in Discover Magazine

Image credit: Bust of Cleopatra VII now located in Altes Museum in Berlin, Germany. (Source: Wikimedia Commons - File: Altes Museum Berlin - Kleopatra VII.jpg, IN Wikipedia article on Cleopatra, accessed 2022-04-28)

Making Maple Syrup



Learn more and watch video

Second Skin: The Science of Stretch

A Digital Exhibit from the Science History Institute that is hosted on Google Arts & Culture's website



"Learn all about stretch fabrics and how these second skins changed the way we move through the world." *View the exhibit*

Science Education in an Age of Misinformation



This article was reprinted from https://sciedandmisinfo.stanford.edu/

"Misinformation is a grave threat to science.

In this report, generated by an international group of leading scientists and education researchers, we outline the nature of that threat along with why it is important and how it can be addressed."

Download the report

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 in order to get to know you, the Executive Committee offers new members a free dinner at a monthly section seminar meeting, once we return to meeting in person! When you register for the event, 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 several local venues. We hope you will also join us for an outreach event, like judging a science fair, proctoring the Chemistry Olympiad, or participating in a National Chemistry Week event in the autumn. The local section is a volunteer organization. Attend an event, volunteer to help, and get to know your local fellow chemists. Welcome!

NEW ACS MEMBERS

Khaled Al Kurdi
David Anders
Bohdan Andreiuk
Remy Angelaud
Shaobo Cai
Steven Chamow
Kuo-Wei Chang
Richard Closser
Tingting Dai
Xiaohui Du
Stephen Philip Alan Fodor

Yixuan Gao Amanda Guan Mengxuan Jia Adam Jones Lauren Kennedy Eric T. Kool Timothy Joseph Lee Rebecca Lennen Brenda Lu Pu-Ping Lu Sunghoon Ma Siavash Mashayekh Jevgenij Raskatov Ryan Ribson Rosa Rocha Zamora Sandra Burnham Sachs Chungheon Shin Chris R. Somerville Annie E. Stefanides Bingchuan Wei Jason D. White

You know me from Middle Eastern foods and tacos. What molecule am !? CHO i-Pr Answer

Institutions Partner with ACS to Advance First California-wide Transformative Open Access Agreement

"WASHINGTON, May 17, 2022 - Three California consortia, representing nearly 60 academic and research institutions, and the Publications Division of the American Chemical Society (ACS) today announced the first-ever California-wide transformative open access agreement. It is also ACS' first "read and publish" agreement in the U.S. composed of multiple consortia. Through a partnership with the 10-campus University of California (UC) system, the 23-campus California State University (CSU) system, and 25 subscribing institutions represented by the Statewide California Electronic Library Consortium (SCELC), readers and researchers at dozens of California research institutions will be able to benefit from full access to subscription content while receiving support for open access publication in ACS' portfolio of more than 75 premier chemistry journals."

Read the full press release

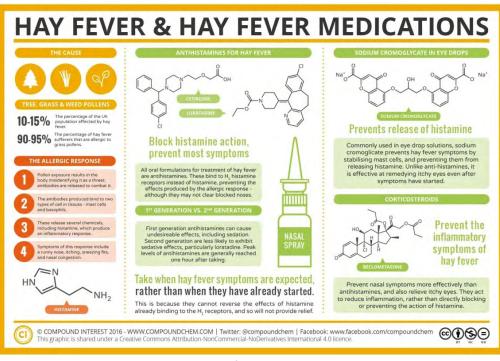
2022 Schrödinger's Educator's Day

Learn about the role of computational tools in the classroom





Learn more and register



Enlarge image. Learn about The Chemistry of Hay Fever – How Do Hay Fever Medications Work?

206-604-3163

650-906-7831

315-289-5115

sbenight@gmail.com

issheth@syr.edu

nmcclure@drugregulatoryaffairs.com

Stephanie Benight

Natalie McClure

Jigisha Shah

2022 Section Officers

Chair

Chair-Elect

Past-Chair

Secretary (2022)	Laura Yeager	626-826-3145	laura.yeager123@gmail.com
Treasurer (2022-2023) Ihab Darwish	650-624-1389	darwishis@yahoo.com
Councilors			
2020-2022	Matt Greaney	510-410-0195	greaney19@gmail.com
2020-2022	Madalyn Radlauer	408-924-5482	madalyn.radlauer@sjsu.edu
2021-2023	Grace Baysinger	408-410-6105	gracebaysinger@gmail.com
2021-2023	Natalie McClure	650-906-7831	nmcclure@drugregulatoryaffairs.com
2022-2024	Linda Brunauer	408-554-6947	lbrunauer@scu.edu
2022-2024	Jane Frommer	408-927-2225	jane@collabra.net
2022-2024	Sally Peters	650-447-3027	sallybrownpeters@gmail.com
Alternate Councilors	5		
2020-2022	Todd Eberspacher	650-723-2505	eberspacher@stanford.edu
2020-2022	Avni Gandhi	626-831-8230	avni.caltech@gmail.com
2020-2022	Heddie Nichols	310-435-2133	hnichols105@gmail.com
2021-2023	Howard Peters	650-447-3027	Peters4pa@sbcglobal.net
2021-2023	Dipti Shingnapurkar	408-242-0674	doc.dipti@yahoo.com
2022-2024	Megan Brophy	503-407-1133	brophymegan@fhda.edu
2022-2024	Anais Nguyen	415-828-6941	anaisn@fastmail.com
Newsletter			
Editor	Grace Baysinger	408-410-6105	gracebaysinger@gmail.com
Assoc. Editor	Jane Frommer	408-927-2225	jane@collabra.net



P.O. Box 395, Palo Alto, CA 94302

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