
The American Chemical Society

Founded in 1876 and chartered by Congress, the American Chemical Society is the world's largest scientific society. It is a self-governed individual membership professional organization consisting of 154,000 members, representing a wide range of disciplines of chemists, chemical engineers, and technicians.

The organization seeks to promote the public's perception and understanding of chemistry and the chemical sciences through public outreach programs and provides career development assistance and employment opportunities for science professionals.

The Orange County ACS Section has over 1400 members, and holds 8 general meetings and dozens of committee meetings each year. Along with supporting the Science and Engineering Fair, the Education Committee of Orange County ACS has testing and awards programs for high school and college chemistry students, and demonstrations and activities for elementary children in the fall and spring.

Event Hosts

AirUCI, located at the University of California, Irvine, is a multidisciplinary environmental research group that is dedicated to understanding and solving critical issues relating to air pollution, water quality, climate change, and green technology - from local to global scales.

To achieve these ambitious goals, our world-renowned team has come together to form an integrated group of researchers from the school of Physical Sciences, the school of Medicine, and the school of Engineering whose focus is to elucidate the fundamental science and impacts of pollution, energy, and climate change and their effects on human health, society, and the planet.

Orange County Section 2014-2015 Officers

Chair	Dr. Sandra Thompson	Treasurer	Robert Cohen
Chair-Elect	Dr. Michael Kleinman	Councilor	Dr. Rabin Lai
Past Chair	Dr. Michael Kleinman		Robert Cohen
Secretary	Dr. Sangeeta Dey		Sanda Sun

2014-2015 Chemical Education Committee

Dr. Carol Grimes, Chair	Jessica Abulencia	Judy Bechtold
Brady Bilhartz	Dr. Allison Gotoh	Mark Hamamura
Stacey Hamamura	Crystal Jenkins	Tim Jones
Heather Jonson	Dr. John Kenney	Dr. Renee Link
Alison Loeper	Dr. Ted Lorance II	Kim Ngo
Shannon Regli	Dr. Terri Speakman	Sanda Sun
Brent Shenton	Phuong Vo	Helen Wagner

The Orange County ACS section and Mrs. Bruce Davis sponsored the student winners for the dinner and all cash awards. Funding for the teachers' dinners and for the school plaques by the Orange County ACS section. Medallions for the Olympiad team and winners from the top ten schools sponsored by Margaret Carlberg.

American Chemical Society

Orange County Section



ACS
Chemistry for Life®

High School Awards Program

University of California, Irvine

May 18, 2015

Welcome

Sandra Thompson, Ph.D.
Orange County ACS President

Dr. Carol Grimes
*Orange County ACS Education Committee Chair
Master of Ceremonies*

Sicilian Italian Buffet
with dessert and beverages

Speaker

Lindsay Cameron
UCI Doctoral Candidate

**From Fine Art to Chemistry:
An Unconventional Path
that Ended with a New Beginning**

Awards

Orange County Science Fair

First Year Chemistry

Bruce Davis Award

Top Ten Schools

Chemistry Olympiad

National Chemistry Olympiad Participants

Margaret Carlberg Award

Chemistry Olympiad Team Awards

Closing

Student	Teacher	School
Joseph Yen	Brent Shenton	Valencia
Karen Pham	Gwen Corbett	Villa Park
Kevin Chou	Corina Durrego	Western
Anh Nguyen	Matthew Cain	Westminster
Hope Lee	Mike Antrim	Woodbridge

The top student from each school has their name engraved on their school's perpetual plaque.

Margaret Carlberg Award

Jason Hu Troy High School

The Education Committee of OCACS is proud to honor the service of Margaret Carlberg to students and to ACS by creating this special award. It is given each year to the top Chemistry Olympiad student, based on the scores for the first Olympiad exam each year. Margaret has helped shape the lives of many students as a chemistry teacher for both first year and AP chemistry at Cornelia Connelly High School, and served as chair of the Education Committee for 14 years. In 2005 she received the Charles Bennett award from our local section for service to "the wonderful world of chemistry" (Margaret's favorite phrase).

The Chemistry Olympiad Team Competition

The Team Competition Award is given to the top three school teams from the Chemistry Olympiad Local Exam Competition. Team scores were calculated based on the total number of questions answered correctly for all competitors from each school. This year's winners are:

First Place **Troy High School**
Jason Hu, Klarisse Andre de St. Amant, Hao Chen, Jeffrey Wang

Second Place **Woodbridge High School**
Hope Lee, Daniel Sun, Annette Chang, Matthew Kim

Third Place **Valencia High School**
Joseph Yen, Benjamin Nguyen, Dakota Bishop, Kenneth Tsai

Top Chemistry Olympiad Student for each Participating School

Student	Teacher	School
Kevin Tsao	Michael Tran	Beckman
Emily Hwang	Wade Cormier	Brea Olinda
Brandon Kim	Nicole Torneo	Canyon
Nicole Larkin	Helen Wagner	Cornelia Connelly
Jennifer Conde	Helen Kroeger	Corona Del Mar
Aaron Hung	Patty Brunet	Cypress
Charlie Roman	Kristine Clarke	Dana Hills
Nick Riasanovsky	Susan Ballard	Edison
Kevin Ross	Stephanie Shirey	El Dorado
Bonnie Huang	Nicole Britigan	El Toro
Ejay Cho	Dr. Bob Varnold	Fairmont Prep.
Cameron McBride	Gypsy Biller	Foothill
Michael Solorio	Marie-Claire Siddall	Godinez
Curtis Beck	Neetu Lal	Irvine
Paul Patel	Cristina Robitu	Kennedy
Nicolas Vidas	Steve Sogo	Laguna Beach
Minh-Thi Nguyen	Timothy Jones	Los Alamitos
Austin Hwang	Lauren Murphy	Marina
Kaitlyn Xiong	Judie Persons	Northwood
Rianna Jitosh	Heather Jonson	OCHSA
Anna Lou	Robert Nguyen	Oxford Academy
Anthony Hartmann	Adrian Fernandez	Pacifica
Keng Zhang	William Dupuis	Sage Hill
Carlos Ruiz	Dr. R. Shaefer	Santa Ana
Sarah Ngo	Lan Vu	Seegerstrom
Brandon Martinez	Robyn Swancoat	Servite
Paul Chung	Andrew Colomac	Sunny Hills
Emily Green	Amy Varricchio	Tesoro
Guo Feng	Stacey Hamamura	Trabuco Hills
Jason Hu	Shannon Regli	Troy
James Gui	Shannon Bunch	University

Science Fair Winners

Junior Division — Qianyun Lin, Fairmont School, Anaheim, “Enzyme Catalase – the Key to Hydrogen Peroxide ”; Teacher John Briner

Senior Division — Logan Prock, Woodbridge High, Irvine, “The Effect of Storage Temperature on the Decomposition of Sodium Hypochlorite in Household Bleach ”; Teacher Mike Antrim

Orange County 2015 Highest Honors Top Scoring First-Year Students in Top 10 Schools

Student	Teacher	School
Jonathan Huang	Tinh Tran	University
Sharleen Loh	Shannon Regli	Troy
Daeseong Hwang	Coryn Kissling	Beckman
Michael Huang	Brent Shenton	Valencia
Yu Heng Cheng	Marjan Faridpak	Mission Viejo
Yucheng Liu	Crystal Cooper	Woodbridge
Ethan Lau	Barbara House	El Toro
Kylie McGuire	Heather Jonson	OC School of Arts
Khoi Le	Claire Eichenberg	Trabuco Hills
Alexander Klaus	Susan Ballard	Edison

Order based on April 25, 2015 performance with 302 students participating

National Chemistry Olympiad Exam Participants

Student	Teacher	School
Jason Hu	Shannon Regli	Troy
Jeffrey Chen	Michael Tran	Beckman
Hope Lee	Mike Antrim	Woodbridge
Klarisse Andre de St. Amant	Shannon Regli	Troy
Bonnie Huang	Nicole Britigan	El Toro
Joseph Yen	Brent Shenton	Valencia
Anna Lou	Robert Nguyen	Oxford Academy
Michelle (Ruoxi) Chen	William Dupuis	Sage Hill
Benjamin Nguyen	Brent Shenton	Valencia
Parth Shah	Daryl Fukuda	Mission Viejo
Daniel Sun	Mike Antrim	Woodbridge
Junyu Yang	Shannon Regli	Troy

Order based on March 7, 2015 Local Olympiad test score with 135 students participating. Maximum two students per school as outlined in national rules.

Top First Year Chemistry Student for each Participating School

Student	Teacher	School
Sergio Nieto	A Loeper	Anaheim
Daesong Hwang	C Kissling	Beckman
Alex Huang	L Kim	Brea Olinda
Samantha Kobel	J Holland	Brethren Christian
Austin Nguyen	N Torneo	Canyon
Sophia Albanese	H Wagner	Cornelia Connelly
Muhun Kang	H Kroeger	Corona del Mar
Justin Youn	S Moore	Cypress
Brandon Hough	N Townsend	Dana Hills
Alexander Klaus	S Ballard	Edison
Ethan Lau	B House	El Toro
Felix Avila	S Brown	Katella
Phuong Nguyen	C Whitsett	Kennedy
James Fernandez	L Matsuyama	La Habra
Danny Levinstein	S Sogo	Laguna Beach
Brian Liu	T Martin	Laguna Hills
Jina Lee	K Currie	Los Alamitos
Christian Alderson	McKernan	Marina
Myles Stapelberg	A Faltas	Mater Dei
Yu Heng Cheng	M Faridpak	Mission Viejo
Spencer Hagaman	K Fuschetti	Ocean View
Kylie McGuire	H Jonson	OC School of the Arts
Debayan Bandyopadhyay	S LeVoit	Oxford Academy
Janice Chang	Y Lee	Pacifica
Emme Martinez	A Morrison	Rancho Alamitos
Jonathan Valdivia	C Wren	Saddleback
Jacob Pelletier	V Broadhead	Saddleback Christian
William Hirsh	D Proodian	San Clemente
Moises Lopez	R Jara	Santa Ana
Noah Tristan	A Espinosa	Seegerstrom
Zongxin "Allen" Cui	R Swancoat	Servite
Charles Smith	J Ingalls	St. Margaret's
Robert Kim	J Kim	Sunny Hills
Allyson Trussell	A Varrichio	Tesoro

Student	Teacher	School
Khoi Le	C Eichenberg	Trabuco Hills
Sharleen Loh	S Regli	Troy
Riley Dobrenen	S Winings	Tustin
Jonathan Huang	T Tran	University
Michael Huang	B Shenton	Valencia
Ivy Phan	C Durrego	Western
Sophya Alamundun	M Cain	Westminster
Yucheng Liu	C Cooper	Woodbridge
Ryan Birchfield	D Luxa	Yorba Linda

The top student from each school has their name engraved on their school's perpetual plaque.

Bruce Davis Award

Jonathan Huang..... University High School

The Orange County Section has created a special award in honor and memory of Dr. Bruce Weldon Davis, to recognize excellence in chemistry. It is given to the student with the highest score on the First Year Orange County ACS test. Dr. Davis' positive outlook on life, his compassion for all people, his professionalism, his excellence in science and his recognition of education as the essential ingredient in success have shaped the activities of our section for many years.

Special Thanks to...

Dr. Barbara Finlayson-Pitts, AirUCI and *Melissa Sweet* Project Events Co-ordinator, UC Irvine, for hosting the awards dinner,
Dr. Richard Deming, CSU Fullerton, for hosting the First Year test,
Dr. Ted Lorange, Vanguard University, for hosting committee meetings and Olympiad tests, preparing certificates for all our awards, handling online registration, and judging the Orange County Science Fair,
Sanda Sun, and *Dr. Glenn Roquemore*, Irvine Valley College, for coordination of and hosting the First Year test,
Brent Shenton, for coordination of the Chemistry Olympiad exams,
Helen Wagner and Stacey Hamamura for coordinating the high school dinner planning, arrangements, reservations, and decorations,
Dr. Rabin Lai for arranging online registration and reservations for the banquet,
Heather Jonson for coordinating the awards,
Dr. Terri Speakman, Golden West College, for producing the program,
 And the entire *Orange County ACS Education Committee*, for your commitment to encourage chemistry students throughout the county.