
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

We thank the Chemistry Department of CSU Fullerton for sponsoring this event and Dr. Richard Deming and Dr. Paula Hudson for facilitating the planning of this awards dinner.

Orange County Section 2017-2018 Officers

Chair	Dr. Sandra Thompson
Chair-Elect	Dr. Keisuke Ikehata
Secretary	Beverly Matsuda
Treasurer	Robert Cohen
Councilor	Dr. Rabin Lai
	Robert Cohen
	Sanda Sun

2017-2018 Chemical Education Committee

Dr. Carol Grimes, Chair	Judy Bechtold	Robyn Caballero
Andrea Chou	Dr. Richard Deming	Dr. Jean Dupon
Dr. Allison Gotoh	Dr. Mark Hamamura	Stacey Hamamura
Dr. Paula Hudson	Tim Jones	Dr. John Kenney
Justin Kim	Heather Kroeger	Dr. Renee Link
Alison Loeper	Dr. Ted Lorance III	Kim Ngo
Stephanie Nobles	Shannon Regli	Brent Shenton
Dr. Michael Skinner	Dr. Terri Speakman	Sanda Sun
Mike Tran	Helen Wagner	

The Orange County ACS section sponsored the student winners for the dinner and all cash awards. Funding for the teachers' dinners and for the school plaques provided by the Orange County ACS section. Medallions for the Olympiad team, Davis, and Carlberg Awards sponsored by Margaret Carlberg.

American Chemical Society

Orange County Section



ACS
Chemistry for Life[®]

High School Awards Program

California State University, Fullerton

May 22, 2018

Welcome

Dr. Sandra Thompson

Chair, Orange County ACS

Brent Shenton – Valencia HS

Dr. Paula Hudson – CSU Fullerton

OCACS Education Committee Members

Master of Ceremonies

Northern Italian Buffet

with dessert and beverages

Speaker

Alana Ogata

UCI Doctoral Candidate

“Info at Your Fingertips: an At-Home Cancer Test”

Awards

Orange County Science Fair Winners

First Year Chemistry Team Awards

Bruce Davis Award

Chemistry Olympiad Team Awards

National Chemistry Olympiad Participants

Margaret Carlberg Award

Orange County Chemistry Teacher of the Year:

John Burns, Westminster High School

Top Students for First Year & Olympiad

Closing

Student	Teacher	School
Anton Ni	Nicholas Brighton	University
Jiwon Jeong	Brady Bilhartz	Valencia
Sean Jansky	Gwen Corbett	Villa Park
Michelle Ly	Matthew Cain	Westminster
Justin Pham	Crystal Cooper	Woodbridge

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

Margaret Carlberg Award

Edward Jin Arnold O. Beckman 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 six 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 Valencia High School

Jiwon Jeong, Chanson Zhao, Ishaan Shah, Paige Harakuni

Second Place Troy High School

Michael Zhu, Felianne Teng, Tanya Jomaa, Vanessa Mechem

Third Place Arnold O. Beckman High School

Edward Jin, Kaeshav Chandrasekar, Siu Lee, Sophie Nguyen

Fourth Place University High School

Anton Ni, Rohan Chawla, Albert Lin, Charlie Feuerborn

Fifth Place Corona del Mar High School

Austin Pham, Jacob Krantz, Miranda Chang, Benjamin Lederman

Sixth Place Sage Hill High School

Ian Grimm, Timothy Guo, Alexander Kwon, Duanduan Huang

Top Chemistry Olympiad Student for each Participating School

Student	Teacher	School
Omar Ocegueda	Alison Loeper	Anaheim
Edward Jin	Michael Tran	Beckman
Christian Roberts	Wade Cormier	Brea Olinda
Michael Vu	Brian Brierly	Canyon
Valentin Kirilenko	Huy Nguyen	Capistrano Valley
Austin Pham	Heather Kroeger	Corona del Mar
Siwon Woo	Sara Moore	Cypress
Yasaman Ebrahimi	Dr. Erica Sharma	Dana Hills
Samantha Marion	Susan Ballard	Edison
Kameel Khabaz	Bob Varnold	Fairmont Prep
Nathan Escabedo	Marie-Claire Siddall	Godinez
Bibo Feng	Neetu Lal	Irvine
Maggie Chou	Cristina Robitu	John F. Kennedy
Jack Hemphill	Jennifer McAdam	Junipero Serra
Daoming Wang	Steve Sogo	Laguna Beach
Leela Fredlund	Tim Jones	Los Alamitos
Nathanial Lorang	Lauren Murphy	Marina
Caitlyn Chen	Kent Paris	Northwood
Tyler Wu	Heather Jonson	OC School of Arts
Alina Guo	Dennis Lin	Orange Lutheran
Joseph Lou	Shirley Tran	Oxford Academy
Elijah Hong	Adrian Fernandez	Pacifica
Bich Nguyen	Brian Sandquist	Saddleback
Ian Grimm	Anie Robinson	Sage Hill
Kobe Lin	Christina Hellwig	San Juan Hills
Peiyang Chen	Carly Gordon	Santa Margarita
Logan Armijo	Robyn Caballero	Servite
Grant Kinsey	Andrea Chou	St. Margaret's
Kelvin Chung	Andrew Colomac	Sunny Hills
David Rimer	Megan Leiva	Tesoro
Anirudh Sharma	Stacey Hamamura	Trabuco Hills
Michael Zhu	Justin Kim	Troy
Vy Tran	Abbey Zinsser	Tustin High School

Science Fair Winners

Junior Division — Ishan Ghosh, Grade 7, Talbert Middle School, "Modeling Kidney Filtration"; Advisor Mr. Wood

Senior Division — Daniel Feng, Grade 9, University High, "Discovering Antibacterial Properties of Cultural Herbs: Using a New Simulation-Aided Approach"; Advisor Megan Lewis

National Chemistry Olympiad Exam Participants

Student	Teacher	School
Edward Jin	Michael Tran	Beckman
Anton Ni	Nicholas Brighton	University
Aayush Somani	Brent Shenton	Valencia
Sharleen Loh	Justin Kim	Troy
Timothy Li	Nicole Britigan	El Toro
Rohan Chawla	Shannon Bunch	University
Xochitl Luna	Heather Jonson	OC School of the Arts
David Rimer	Megan Leiva	Tesoro
Jiwon Jeong	Brady Bilhartz	Valencia
Bibo Feng	Neetu Lal	Irvine
Joseph Lou	Shirley Tran	Oxford

Order based on March 10, 2018 Local Olympiad test score with 135 students representing 39 different county high schools participating. Maximum two students per school as outlined in national rules unless a school had a student attend the National Study Camp in a prior year. That student would not count against a school's quota.

Special Thanks to...

The chemistry department of CSU Fullerton, for hosting the First Year exam and the Awards Dinner,

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, Irvine Valley College, for coordination of the First Year Exam,

Dr. Glenn Roquemore, Irvine Valley College, for hosting the Chemistry Olympiad test, *Brent Shenton*, Valencia HS, for coordination of the Chemistry Olympiad exams, *Helen Wagner*, Connelly HS, and *Stacey Hamamura*, Trabuco Hills HS, for coordinating the dinner planning, arrangements, reservations, and decorations,

Dr. Rabin Lai for arranging online registration and reservations,

Tim Jones, Los Alamitos HS, 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.

Top First Year Chemistry Student for each Participating School

Student	Teacher	School
Daniel P. Chinn	Alison Loeper	Anaheim
Vianna Seifi	Michael Tran	Beckman
Collette Ledden	Sara Bottalico	Brea Olinda
Kano Shinobu	Ashley L Whipple	Brethren Christian
Alex Cheah	Brandon Usami	Calvary Chapel
Sergio Barretto	Brian Brierly	Canyon
Yiyi (Nancy) Shao	Helen Wagner	Cornelia Connelly
Chen Liang	Kim Ngo	Corona Del Mar
Nicole Ni	TJ Reynolds	Crean Lutheran
Benicio Frias	Sara Moore	Cypress
Nathan Martin	Marry Dana	Dana Hills
Jerry Zeman	Susan Ballard	Edison
Sebastian Clancy	Ken Tse	El Toro
Brian Nguyen	Michael Woodward	Esperanza
Aaron Winter	Christine Ivory	Foothill
Francis Pham	Chris Holguin	Garden Grove
Jennifer Hur	Cristina Robitu	John F. Kennedy
Gavin Rissling	Dr. J. E. Kilduff	Junipero Serra
Tuananh Tran	Gema Suarez	Katella
Andrew Canda	Katherine Samuels	La Habra
Danielle Gagne	Alexandra Holtz	Laguna Beach
David Diaz	Sean Phi	Loara
Vincent Ngo	Lauren Helm	Los Alamitos
My Phan	Lauren Murphy	Marina
Jacob Paul	Daryl Fukuda	Mission Viejo
Ellie Cheng	Cathleen Zeleski	Northwood
Kristen Cotton	Kim Fuschetti	Ocean View
Josoph Laderer	Heather Jonson	OC School of the Arts
Steven Pham	Shirley Tran	Oxford Academy
Caleb Huang	Adrian Fernandez	Pacifica
Joyee Chen	Jeralyn Jelnick	Portola
Brendon Maus	Anh Than	Rancho Alamitos
Benito Garduno	Juliana Morgan	Saddleback
Emily Lam	Dan Thomassen	Sage Hill School
Kayleigh Cassidy	Dang Nguyen	San Clemente
Felix Villela	Dr. Ric Jara	Santa Ana
Charlize Espinoza	Carly Gordon	Santa Margarita
Kevin Ngo	Lan Vu	Segerstrom
Geordie Taber	Robyn Caballero	Servite

Student	Teacher	School
Siyuan Chen	Andrea Chou	St. Margaret's
Paul Yoo	Peter Bregand	Sunny Hills
Justin Wang	Shannon O'Malley	Tesoro
Lara Rulloda	Jay Camiling	Trabuco Hills
Joseph Dong	Justin Kim	Troy
Dhaval Vora	Lindsay Fay	Tustin
Jingyi (Annie) Zhou	Nicholas Brighton	University
Woohyun Song	Brent Shenton	Valencia
Natalie To	Matthew Cain	Westminster
Ethan Lee	Crystal Cooper	Woodbridge

Based on April 28, 2018 exam with 324 students from 49 schools participating. The top student from each school has their name engraved on their school's perpetual plaque.

Bruce Davis Award

Joseph Dong..... Troy 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.

The First Year Chemistry Team Competition

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

First Place	Troy High School
Joseph Dong, Lynette Chan, Ho Lyun Jeong, Patrick Rim, Benny Hsu	
Second Place	University High School
Jingyi (Annie) Zhou, Ronghe (Erin) Wang, James Chen, Kevin Cho, Nyle Wong	
Third Place	Corona del Mar High School
Chen Liang, Austin Leehealey, Aidan Kelly, Lucy Millman, Kyle Jeng	
Fourth Place	J Serra Catholic High School
Gavin Rissling, Zechuan Rao, Mathew Roth, Ziayang Zhou, Valentina Osorio	
Fifth Place	Orange County School of the Arts
Joseph Laderer, Eleas Vrahnos, Emma Park, Michelle Yu, Ashley Tsai	
Sixth Place	Valencia High School
Woohyun Song, Kamron Popal, Catherine Park, Brandon Kwon, Ryan Wong	