Annual Awards Night
Friday, December 4, 2020

Speaker: Dr. H. N. Cheng ACS President-Elect

- 5:15 pm – Informal Chat Session with Our Speaker, ACS President-Elect Dr. H. N. Cheng

- 5:30 pm – Presentation on "Sustainability and Green Polymer Chemistry" by ACS President-Elect Dr. H. N. Cheng

- 6:30 pm – Local Section Awards Presentations

- 7:00 pm – Additional Informal Chat Session with Our Speaker, ACS President-Elect Dr. H. N. Cheng

- 7:15 pm – Concluding Remarks and Virtual Applause to Thank Our Speaker 7:20 pm – Meeting Concludes
The 2020 Clark County School District High School Chemistry Poster Contest

“Sticking with Chemistry”

Sponsored by the Southern Nevada Section of the American Chemical Society
The American Chemical Society

• Over 150,000 members worldwide

• Largest Scientific Organization in the World

• Ever member gets Chemical and Engineering News – A weekly news publication from ACS
SHOWCASING CHEMISTRY

Through its annual **POSTER CONTEST**, the ACS Southern Nevada Section inspires students to explore the power of chemistry

SUSAN J. AINSWORTH, C&EN DALLAS

IF YOU'RE A FAN of the idea of promoting science through art, you may be intrigued by a burgeoning program set up by the American Chemical Society's Southern Nevada Section.

When brainstorming imaginative ways to celebrate the International Year of Chemistry in 2011, the section decided to sponsor a chemistry-themed poster contest for area high school students. Not only was the competition successful from the get-go, but it has now morphed into an annual event that continues to influence the local community.

Currently gearing up for its third year, the contest has inspired talented young artists to produce posters that vividly illustrate concepts such as basic chemical principles and chemistry's broad application in fields as diverse as pharmaceuticals and alternative energy.

Most important, it has served as an effective outreach tool, drawing interest from students who might not otherwise ponder the power and benefits of chemistry, observes Roger Rennels, the section’s public relations chair, who came up with the contest idea.

As the section set out to launch the contest in 2011, it drew heavily on the resources of the local public school district. The Clark County School District’s School-Community Partnership Program and its assistant director, Judy
Myers, provided critical guidance and help implementing the project. For example, Myers encouraged the section to limit the contest to high school students to control costs, and she provided information about successful contests held in the district in the past, which helped the section structure its poster contest and define its rules.

More specifically, Myers advised the section to offer cash prizes, for students as well as for the teachers who sponsor the winning posters, as a way to maximize the number of contest entrants, Rennels says. More than 200 students participated in 2012. First-place student winners receive $500, and second- and third-place finishers get $250 and $100, respectively. In addition, each sponsoring teacher wins half of the amount that his or her student receives. In addition, in 2012, the top eight student runners-up each received $25 gift cards, which were donated by VWR International, a laboratory supply and distribution company.

Rennels, along with fellow Southern Nevada Section executive committee members Onofrio (Dick) Gaglione and Kazumasa (Kaz) Lindley, serves as a judge for the contest.

To further enhance its outreach power during the most recent awards ceremony, the section invited undergraduate and graduate students to present research posters that they had entered in another contest the section sponsors, Rennels says. Through this effort, he explains, “we wanted to share the high school students’ posters with the greater chemical community in southern Nevada, and we wanted the high school students to see how the college students’ posters are used to convey scientific knowledge.”

See more of the dynamic, chemistry-focused posters that garnered contest honors at http://cenm.ag/poster.
Elisabeth Mast
2015 Runner Up
Contest History:

Began in 2011 – (International Year of Chemistry)

- Over 1000 HS Students & Teachers
- Over $12,000 in Prizes

This year - 2020

9 Different Schools
Teachers
33 Entries
Runner Ups
STICKING WITH

CHEMISTRY

Useful Trickiness

A-Tech

(Kevin Chung)
Chemistry is the study of matter and energy. We will learn how substances combine and interact with energy and why they separate and form new substances. After we understand the basic concepts, we can see how chemistry relates to our world and everyday lives.

Lab Activity 1

Our first lab we will conduct experiments using candles to understand internal combustion.

Safety First

- Goggles
- Long hair tied up
- Pay attention to loose clothing
- Plt matches in water
Muzhgan Ashrafi

World of Glue

A-Tech
( Kevin Chung )
Yuncheng Shi

Stick

A-Tech
(Kevin Chung)
Jasmine Chung

Sweet 'n' Sticky Chemistry

A-Tech
(Kevin Chung)
Sticking with Chemistry

A-Tech
(Kevin Chung)
A'mya Williams

STICKING WITH CHEMISTRY
Something that finally sticks!

HARRY COOVER

POLYVINYL ACETATE

JOHANNES DIDERIK VAN DER WAALDS

COHESION
WHEN THE SAME SUBSTANCES STICK TO EACH OTHER

SUPER GLUE

GILBERT NEWTON LEWIS

VESTA STOUTD'S DUCT TAPE

ADHESION
WHEN ONE SUBSTANCE STICKS TO A DIFFERENT SUBSTANCE

Sticky Figures

A-Tech
( Kevin Chung)
Third Place

Ammarah Khan

Rancho HS
(Deborah Herman)
STICKING WITH CHEMISTRY

Bitter Sweet Chemistry
Second Place

Cristina Valdivia

A-Tech

(Kevin Chung)
Glue Bubbles!
First Place

Aleena Khan

Rancho HS
(Wendy Gordon)
Dr. Froggy
Acknowledgements

• CCSD School-Community Partnership Program – Cheryl Wagner

• Executive Committee of the Southern Nevada Section of the American Chemical Society

• All the high school students and teachers of the Clark County School District who participated in this event
hereby recognizes

Kevin Hiep Chung

with a
Salute to Excellence

for creating greater public awareness of chemistry through his extraordinary support of and continued contributions to the Southern Nevada Section High School Chemistry Poster Contest

Awarded this day, December, 4, 2020
The American Chemical Society
Southern Nevada Local Section

hereby recognizes

Cheryl Wagner

with a
Salute to Excellence

for her extraordinary support of the Southern Nevada Section by creating greater public awareness of chemistry through her work at CCSD

Awarded this day, December, 4, 2020
The American Chemical Society
Southern Nevada Local Section

hereby recognizes

Discovery Children’s Museum

with a
Salute to Excellence

for creating greater public awareness of chemistry through their extraordinary partnership and continued support of the SNS-ACS celebration of National Chemistry Week

Awarded this day, December, 4, 2020
The American Chemical Society
Southern Nevada Local Section

hereby recognizes

Erick Bandala

with a
Salute to Excellence

for creating greater public awareness of chemistry through his work at Desert Research Institute and his extraordinary support of and partnership with the Southern Nevada Section by serving as a mentor for the SNS-ACS High School Summer Research Program

Awarded this day, December, 4, 2020
Dear Members: We are reaching out for your support to provide an additional research stipend for Yajahira Dircio.

She is a local high school student who completed research over the summer. Because this opportunity was outside of the regular Project SEED program (cancelled for summer 2020), we are not able to use the original ACS funding source to provide the student with the usual stipend of $3,200. The SNS Executive Committee has set aside $500 from our annual budget toward a student stipend. We seek your help to make a difference for this local, economically disadvantaged high school student. We invite SNS members who are financially able to make a donation to join us in supporting this student toward a future career in chemistry. Our goal is to match the $3200 stipend that the student would have normally received through Project SEED.

If you are able to donate, please use this direct link or visit our website.
In Recognition Of Outstanding Scholarship And Exceptional Promise In Chemistry

Erin Ruby

College of Southern Nevada
December 4, 2020

American Chemical Society
In Recognition Of Outstanding Scholarship
And Exceptional Promise In Chemistry

Carlos Arambula-Quintero

Nevada State College
December 4, 2020

American Chemical Society
In Recognition Of Outstanding Scholarship And Exceptional Promise In Chemistry

Emarose Ahmed

University of Nevada, Las Vegas
December 4, 2020

American Chemical Society
Venkatesha “Aruna” Arakali

SNS "Living in Harmony" music contest - Featured in C&EN

The ACS local section (SNS-ACS) successfully completed the music contest activity, "LIVING IN HARMONY", as part of the 50th anniversary celebration of the Earth Day. This contest was created as a stay-at-home activity for Southern Nevada-Clark County School District kids.

C&EN took notice of the contest and mentioned it in their article on Chemists Celebrate Earth Week.
In Appreciation for Your 25 Years of Dedication and Service to the Southern Nevada Section

December 4, 2020

Kazumasa Lindley

American Chemical Society
David W. Emerson
Outstanding Service Award

December 4, 2020

Erica Marti

American Chemical Society
2020 Southern Nevada Section Executive Committee

Chair:  Roger Rennels
Chair-Elect:  Hokunani Keehu
Immediate Past Chair:  Rampur Viswanath
Secretary:  Erica Marti
Treasurer:  Kazumasa Lindley
Councilor (Interim):  Rampur Viswanath
Alternate Councilor:  Kazumasa Lindley
Member-At-Large:  Josh Monk
Member-At-Large:  Liuba Williams
Western Regional Representative:  Rampur Viswanath
2021 Southern Nevada Section Executive Committee.

Chair -- Hokunani Keehu
Chair-Elect -- Roger Rennels
Treasurer -- Kazumasa Lindley
Secretary -- Erica Marti
Councilor -- Kazumasa Lindley
Alternate Councilor -- Roger Rennels
Member-at-Large -- Liuba Williams
Member-at-Large -- Josh Monk
Western Regional Board Representative -- Rampur Viswanath
Thank you:
Dr. H. N. Cheng
ACS
And Dr. Pradip Bhowmik
WESTERN REGIONAL MEETING 2022
BUILDING CHEMISTRY FOR OUR FUTURE

WELCOME TO Fabulous LAS VEGAS NEVADA

OCTOBER 20-22
FLAMINGO HOTEL
LAS VEGAS, NV
Dr. Froggy