



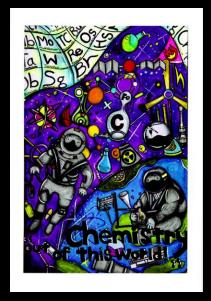
The American Chemical Society

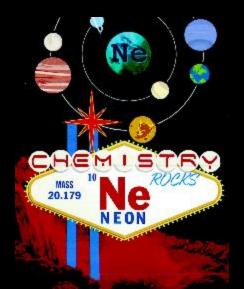


The 2023 Southern Nevada High School Chemistry Poster Contest "The Healing Power of Chemistry"

Sponsored by the Southern Nevada Section of the American











American Chemical Society

Southern Nevada
High School
Poster Contest
Founded in 2011:
"The International
Year of Chemistry"

Saturday December 02, 2023

Hosted at the Marjorie Barrick Museum of Art Las Vegas, Nevada

The American Chemical Society

 Over 155,000 members worldwide

 One of the Largest Scientific Organization in the World

 Every member gets Chemical and Engineering News – A weekly publication from ACS

SHOWCASING CHEMISTRY

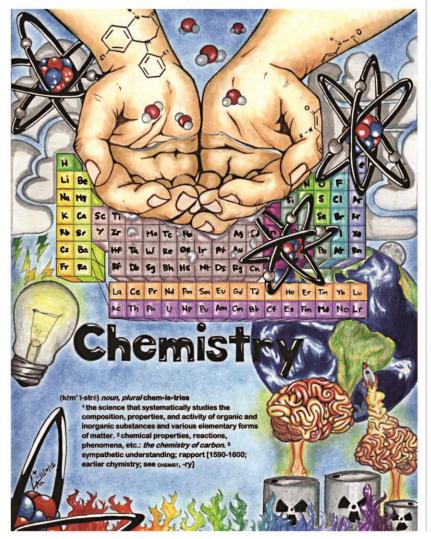
Through its annual **POSTER CONTEST**, the ACS Southern Nevada Section inspires students to explore the power of chemistry

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 an-





nual 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

FIRST PLACE Christy Adaya, grade 12, Shadow Ridge High School, Las Vegas. 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



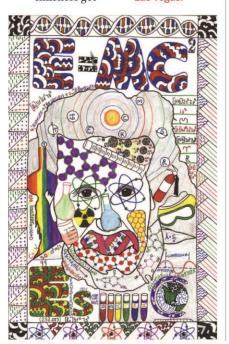
THIRD PLACE Rileigh Sorenson, grade 12, Foothill High School, Henderson, Nev.

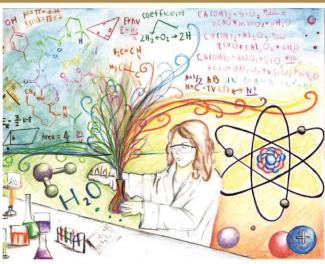
Myers, provided critical guidance and help implementing the project. For example, Myers encouraged the section to limit the contest to high school students to control costs, and she provided information about successful contests held in the district in the past, which helped the section structure its 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

RUNNER-UP Yoseph Hobe, grade 10, Rancho High School, Las Vegas.





SECOND PLACE Ashley

Armenta, grade 9,

Southeast Career

Technical Academy,

RUNNER-UP Deborah Diaz, grade 9, Southeast Career Technical Academy, Las Vegas.

\$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 stu-

dent 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.

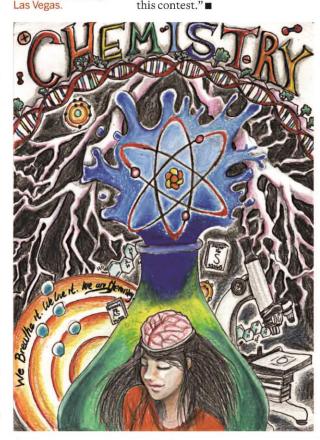
To further enhance its outreach power during the most recent awards ceremony, the section invited undergraduate and graduate students to present research posters that they had entered in another contest the section sponsors, Rennels says. Through this effort, he explains, "we wanted to share the high 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."

& MORE ONLINE

Rennels believes that the high school poster contest has been effective in

sparking curiosity about chemistry among students. Recently, an art teacher told him that many of her students who were participating in the contest frequently

> went across the hall to talk with the chemistry teacher about chemistry. "And that," Rennels says, "is something many of these students would never have done if not for this contest."



See more of the dynamic, chemistry-focused posters that garnered contest honors at http://cenm.ag/ poster.

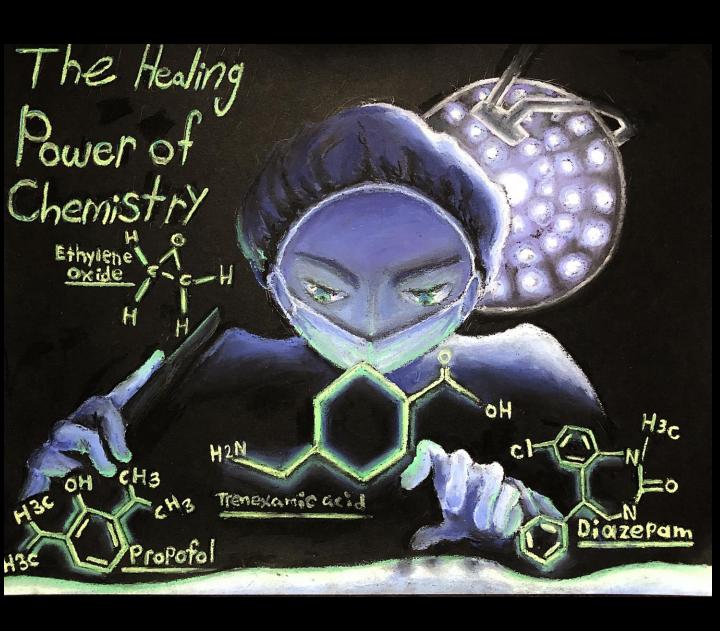
Runner Ups

Jordynn Thomas
Healthy skin, for the win!



Advanced Technologies Academy (Kevin Chung)

Emi White The Healing Power of Chemistry

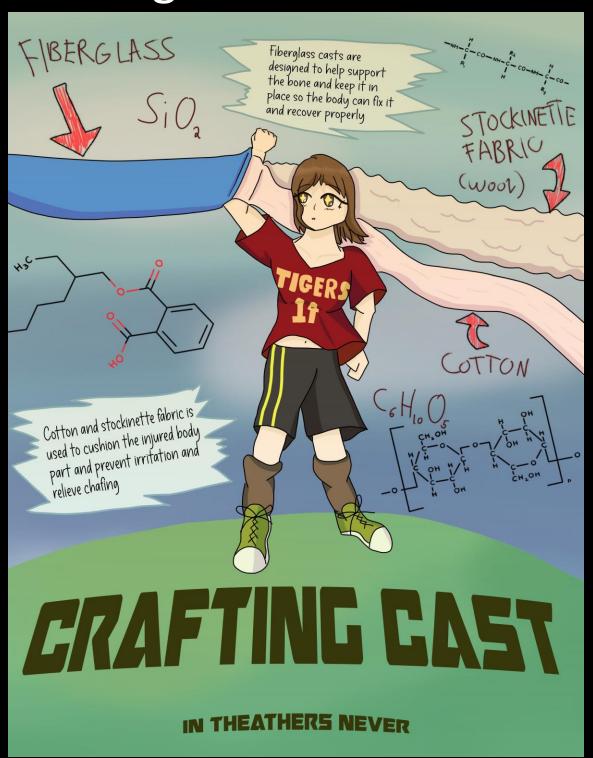


Green Valley High School (Clayton Stewart)

Kai Fujii THE HEAL ING POWER CHEMISTRY **Hydrogen** peroxide and QuikClot **Combat Qauze** are two extremely important products that help those injured in war survive until they can be further treated.

Advanced Technologies Academy (Edwin Cruz)

Tammy Nguyen Crafting Casts: The Movie



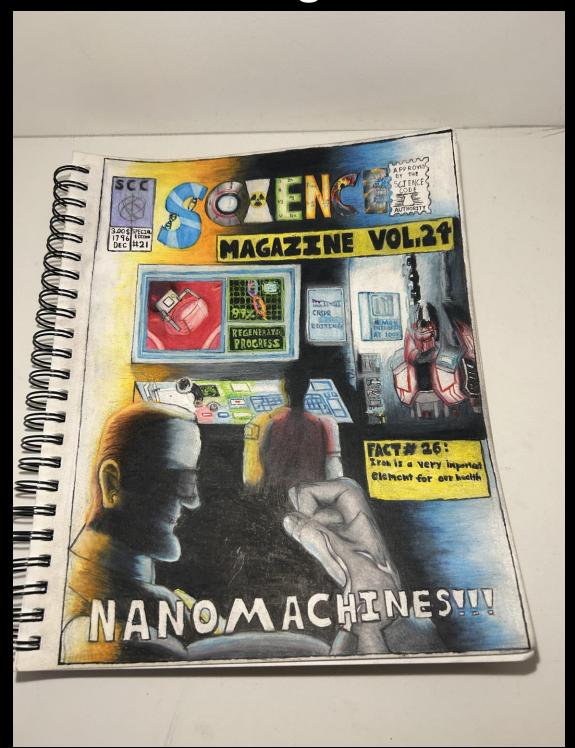
Advanced Technologies Academy (Kevin Chung)

Kimberly Garcia Hernandez The superhero vaccine



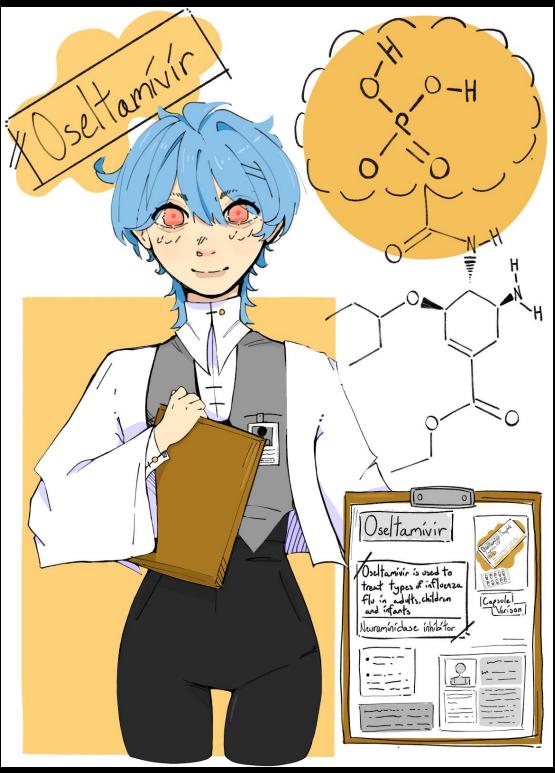
Advanced Technologies Academy (Edwin Cruz)

Santiago Garcia Science Magazine #24



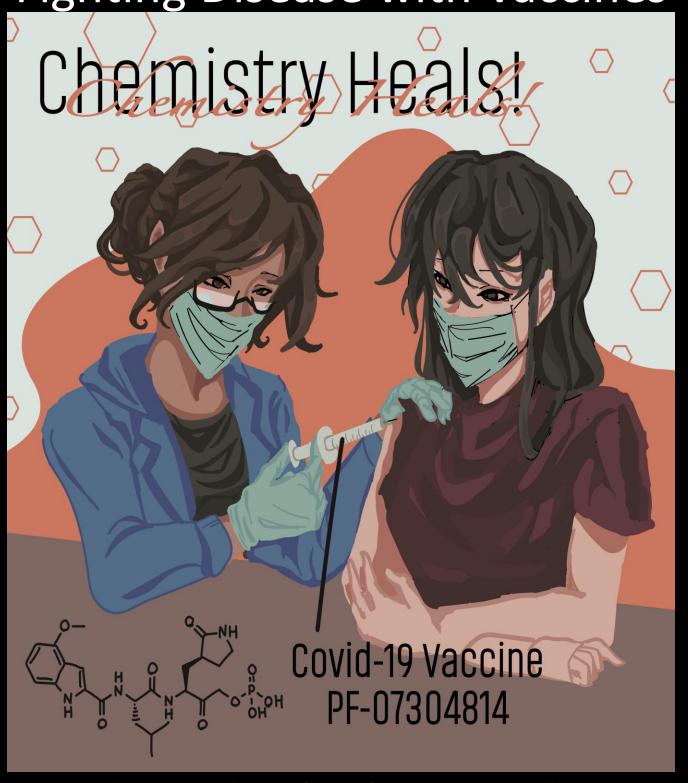
Advanced Technologies Academy (Kevin Chung)

Kamilla Gonzalez Medicine to Heal



Advanced Technologies Academy (Edwin Cruz)

Hua Jenna Fighting Disease with Vaccines

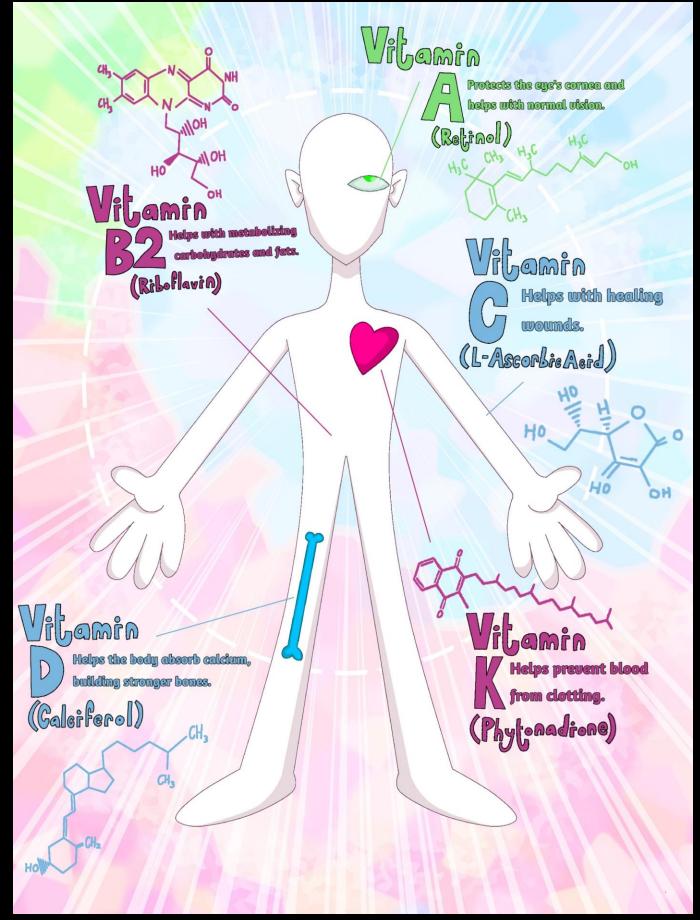


Advanced Technologies Academy (Edwin Cruz)

Third Place

Kara Audlee

Advanced
Technologies
Academy
(Kevin Chung)

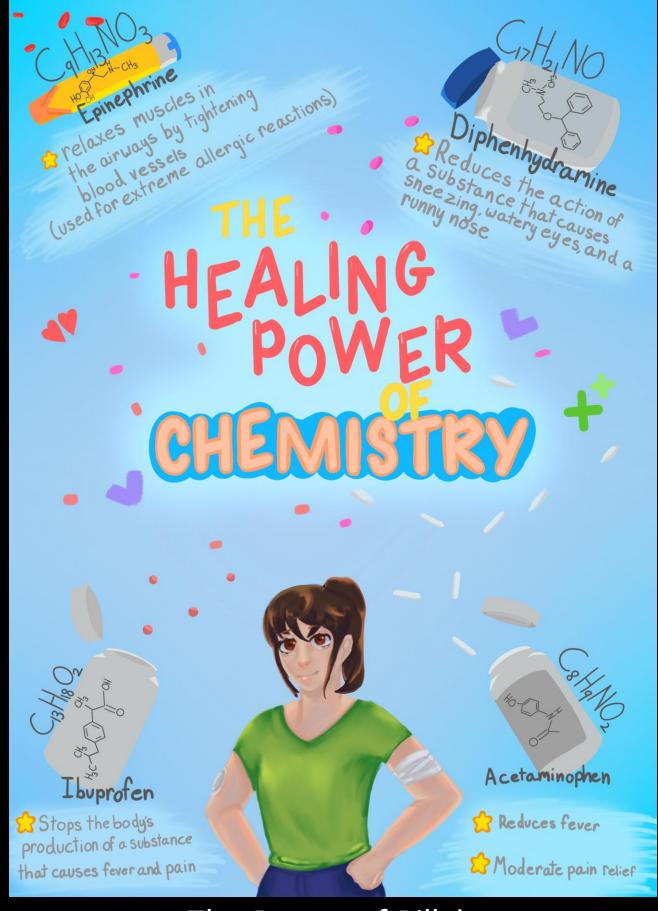


The Wonders Of Vitamins

Second Place

Emma Kearney

Advanced
Technologies
Academy
(Kevin Chung)

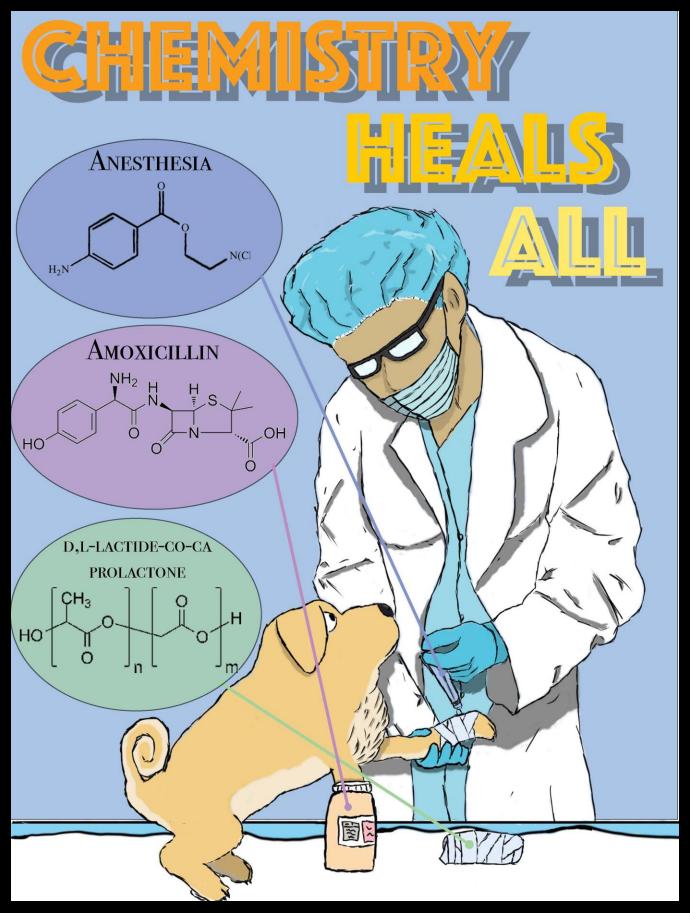


The Power of Pills!

First Place

Chance Belcher

Advanced
Technologies
Academy
(Edwin Cruz Munoz)



Chemistry Heals All

Acknowledgements

CCSD School-Community
 Partnership Program – Jeniffer
 Calimbahin

- All the high school students and teachers at the Clark County School District who participated in this event
- Executive Committee of the Southern Nevada Section of the American Chemical Society

2023 Southern Nevada Section Executive Committee:

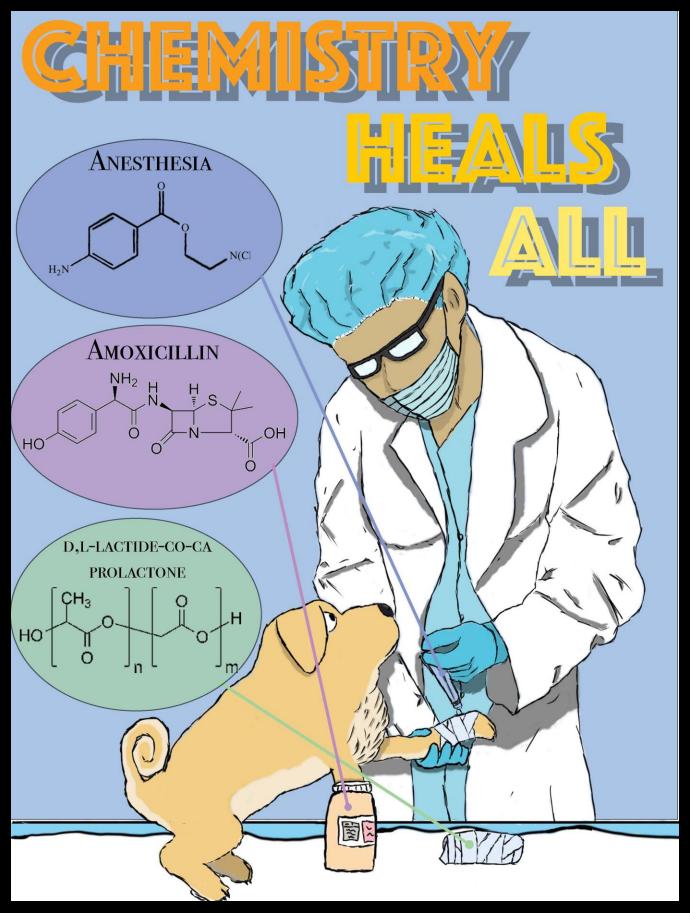
- Chair Rampur Viswanath
- Chair-Elect Rampur Viswanath
- Immediate Past-Chair Roger Rennels
- Treasurer Kazumasa Lindley
- Secretary Erica Marti
- Councilor Kazumasa Lindley
- Alternate Councilor Roger Rennels
- Member-at-Large Jeremy Cho
- Member-at-Large Anthony Harrington
- Western Regional Board Representative Rampur Viswanath

2024 Southern Nevada Section Executive Committee:

- Chair Rampur Viswanath
- Chair-Elect David Ferrari
- Immediate Past-Chair Rampur Viswanath
- Treasurer Erica Marti
- Secretary Julie Bertoia
- Councilor Roger Rennels
- Alternate Councilor Rampur Viswanath
- Member-at-Large Anthony Harrington
- Member-at-Large Julie Bertoia
- Western Regional Board Representative Rampur Viswanath

Thank you:

UNLV and The Marjorie Barrick Museum of Art



Chemistry Heals All