

ACCESS Celebration of STEM Event

The Mission of ACCESS is to enhance the technical environment in the Akron area through coordination and cooperation with the technical societies, industry and academia. ACCESS provides broad industrial and academic representation and a widely diversified science and technology source. Detached from special interest groups, it offers an excellent opportunity for effective informative public service.

Considering ACCESS's Mission and Goals, the ACCESS Banquet Committee decided that the ACCESS Honors & Awards Banquet in November has run its course over the past 60 years, being run since 1959 with the first Distinguished Award of Council awarded to Dr R P Dinsmore and the first ACCESS Award presented in 1971 to Mr Raymond France and Mr Delmar Dague. 2019 was the last ACCESS Honors & Awards Banquet held at Guys' Party Center.

To serve our community, member societies, and scholars, the ACCESS Event Committee had a new event in 2023 – "Celebration of STEM" on March 30, 2023. Our goal for this Event was to "Encourage scholars to expand their understanding of STEM as part of their lives".

In partnership with The University of Akron College of Engineering & Polymer Science, an evening of STEM activities were presented to scholars in the 5th to 6th grade, introducing them to the science of discovery with hands-on demonstrations by university students and ACCESS member societies. Approximately 80 scholars visited 11 demo stations at the Student Union Ballroom at The University of Akron after listening to a Welcome from Assistant Dean Julie Zhao and a STEM presentation, "THIS is what a SCIENTIST Looks Like?" by Dr Regan Silvestri, Professor, Lorain County Community College (aka Professor Reggie, The Rock'n'Roll Doctor) in the Student Union Theater. After being transported by school bus (Akron Public School scholars), a pizza dinner was served to participating scholars before the activities began. This event provided opportunities to the scholars which may be underserved, who do not have the chance to participate in hands-on science and there was no cost to the scholars. Approximately 40 facilitators from industry and ACCESS member societies were involved in the event. The scholars traveled between each demo station in 15 minute intervals.

ACCESS Member societies and local Businesses participated in the "Celebration of STEM" event by contributing swag to the scholar Tote Bags, by contributing financial support to the event, by providing a tabletop exhibit of their Society for the scholars to view, or by providing volunteers at the Event to hand out Scholar Tote Bags, guide the scholars between lobby/theater/ballroom, or by leading the scholars between demo stations in 15 minute intervals. We can change the lives of scholars by introducing them to STEM concepts and the excitement of science!

ACCESS continues to further our Mission of promoting and encouraging an interest in STEM to scholars and to provide a tie between science educators, the technical community and the scholars. We are very powerful in providing this message when we work together to have events like this! We can change lives! Persistence, perseverance, and dedicated motivation to our Mission are the key to our success – our time and energy can nurture our next generation of scientists! We are all a part of the structure that can make change happen in our community! Thank you to all the Sponsors for supporting the "Celebration of STEM" Event!



Akron Council of Engineering and Scientific Societies

Incorporated 1946

Thank You to Our Sponsors



Akron Public Schools



Encouraging Scholars to expand their understanding of STEM as part of their lives.

Celebrate
SCIENCE, TECHNOLOGY, ENGINEERING and MATH
(STEM)
with us!

Pizza · STEM Demo Stations · Fun

THIS is what a SCIENTIST looks like!



March 30, 2023
4:30 PM to 7:30 PM
The University of Akron
Student Union
323 Carroll Street





ACES Akron Council of Engineering and Scientific Societies
 Incorporated 1946

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"One thing I liked was the theater. I said this because I thought it was fun."
 Simon

"I really liked the magic and all of the science I learned I also like the rubber ball station."
 Trinatti

"The science show is what I liked best because it was defiantly a unique experience."
 Leighton

"Rockets because it was awesome and I want to work at NSA on the ground."
 DeJanae

"I liked the rock station and the science."
 Ri"Azha

"I like the car even though, I didn't get to ride in it."
 Monica





SCHEDULE OF EVENTS

4:30 PM	Lobby	Arrival – Pizza & Refreshments
5:00 PM	Theater	<p>Welcome</p> <p>Dr Craig Menzemer, Dean, College of Engineering & Polymer Science, The University of Akron</p> <p>THIS is what a SCIENTIST looks like!</p> <p>Professor Reggie, The Rock'n'Roll Doctor! aka Dr Regan Silvestri, Professor of Chemistry, Lorain County Community College</p>
6:00 PM	Ballroom	Demo #1
6:15 PM	Ballroom	Demo #2
6:30 PM	Ballroom	Demo #3
6:45 PM	Ballroom	Demo #4
7:00 PM	Ballroom	Demo #5
7:15 PM	Ballroom	Demo #6
7:30 PM	Lobby	Departure

STEM DEMO STATIONS

Demo Station #1	Making Batteries	The University of Akron, Chemistry American Chemical Society (ACS)
Demo Station #2	Looking at Little Things + Making Things Levitate	Microscopy Society of Northeast Ohio (MSNO) + KSU Physics Graduate Student Assoc (PhGSA)
Demo Station #3	Zipp's Precious Plastics	The University of Akron Engineers for a Sustainable World
Demo Station #4	Having a Ball! Rubber Raw Materials	Ohio Rubber Group (ORG)
Demo Station #5	Making Cookies! Mixing/Curing Rubber	Ohio Rubber Group (ORG)
Demo Station #6	Happy/Sad Balls! Rubber Properties	Ohio Rubber Group (ORG)
Demo Station #7	Geology Game Show!	Association of Women Geoscientists (AWG)
Demo Station #8	Tuning in Radio	Institute of Electrical & Electronics Engineers (IEEE) + Portage County Amateur Radio Service (PCARS)
Demo Station #9	Toy Car Design	The University of Akron College of Engineering & Polymer Science
Demo Station #10	Plastics Up Close	Society of Plastics Engineers (SPE)
Demo Station #11	Akronauts Rocket Design	The University of Akron Akronauts Rocket Design Team