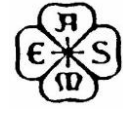




71st Annual ACCESS HONORS & AWARDS BANQUET



ACM Association for Computing Machinery

ACS American Chemical Society

ADSPE Akron District Society of Professional Engineers

AIA Archaeological Institute of America

AICHE American Institute of Chemical Engineers

APC Akron Physics Club

ASCE American Society of Civil Engineers

ASHRAE American Society of Heating, Refrigeration
and Air Conditioning Engineers

ASME American Society of Mechanical Engineers

ASSP American Society of Safety Professionals

IEEE Institute of Electrical and Electronic Engineers

MSNO Microscopy Society of Northeast Ohio

Rubber Division, American Chemical Society

SME Society of Manufacturing Engineers

SPE Society of Plastics Engineers

YP Young Professionals Affiliate



Akron Physics Club

www.ACCESSinc.org



Thursday, November 1, 2018
**Akron Council of
Engineering & Scientific Societies**

Guy's Party Center

**71st ANNUAL
ACCESS HONORS & AWARDS BANQUET PROGRAM**

Guy's Party Center

November 1st, 2018

• <i>Welcome, Opening Remarks</i>	-Dr Min Gao President, ACCESS
<i>Dinner</i>	
• <i>Banquet Introductions</i> -ACCESS Advisory Council	-Dr Min Gao President, ACCESS
• <i>Banquet Introductions</i> -Speaker	-Dr Min Gao President, ACCESS
• <i>Speaker</i>	-Cara Adams
<i>“Racing Towards your Ideal STEM Career”</i>	
• <i>Outstanding High School Student Science / Math Awards</i> -Presentation of Certificates of Recognition to Outstanding Students from High Schools in Summit County and the Summit Educational Services	-Sheila King President-Elect, ACCESS -Certificates presented by Dr Min Gao -Winners announced by Dr Missi Zender-Sakach / Dr Katrina Halasa
• <i>Honors & Awards</i>	-Sheila King President-Elect, ACCESS
- <i>Best of Show Akron Science & Technology Expo</i> -Middle School	-Sandy Gao, Jennings Community Learning Center, Akron
- <i>Best of Show Akron Science & Technology Expo</i> -High School	-George Hernandez and Dylan West Buchtel Community Learning Center, Akron
- <i>Best of Show Western Reserve District 5 Science Day</i> -Middle School	-Arya Sambandan, Solon High School, Solon
- <i>Best of Show Western Reserve District 5 Science Day</i> -High School	-Sean Scarnecchia and Jack Hakes, Hudson High School, Hudson
-ACCESS / OMNOVA Teacher Grant Awards	-Carrie Miller, Echo Hills Elementary School, Stow -LeeAnne Jascoe, St Matthew Parish School, Akron
-ACCESS / ACS Teacher Grant Award The Anoop Krishen Teacher Grant	-Blake Beluscak, Ellet High School, Akron
-ACCESS / IEEE Teacher Grant Awards	-Nancy Marquette, Indian Trail Elementary School, Stow -Penny Porter, Firestone Community Learning Center, Akron



**Like Us on
Facebook and LinkedIn**



<p>• <i>Honors & Awards (continued)</i></p>	<p align="right">-Sheila King President-Elect, ACESS</p>
<p>-ACCESS / Bridgestone Teacher Grant Awards</p>	<p>-Michelle Dame, Indian Trail Elementary School, Stow -Joelle Grimsley, Echo Hills Elementary School, Stow -Alex Oris, Roberts Middle School, Cuyahoga Falls -Levonias Swails and Caite Eggeman, Barber Community Learning Center, Akron</p>
<p>-ACCESS / SPE Teacher Grant Awards</p>	<p>-Tracy Braho East Community Learning Center, Akron -Tracy Braho, East Community Learning Center, Akron</p>
<p>-ACCESS / Harwick Standard Teacher Grant Award</p>	<p>-Tracy Braho, East Community Learning Center, Akron</p>
<p>-ACCESS / Dominion Energy Teacher Grant Awards</p>	<p>-Zach Griffith, National Inventors Hall of Fame STEM High School, Akron -Sandra Leyden, Immaculate Heart of Mary School, Cuyahoga Falls</p>
<p>-ACCESS / Akrochem Corp Teacher Grant Awards</p>	<p>-Leslie Detweiler, Highland Elementary School, Stow -Tyler Buckwalter, Highland Elementary School, Stow</p>
<p>-ACCESS / MSNO Teacher Grant Award</p>	<p>-Janice Schelien, Highland Elementary School, Stow</p>
<p>-ACCESS / Anonymous Donor Teacher Grant Award</p>	<p>-Jennifer Dudley, Leslie Detweiler, and Jeanine Muller, Highland Elementary School, Stow</p>
<p>-ACCESS – <i>Theken Scholarship Award</i></p>	<p>-Kathryn Wegman, The University of Akron</p>
<p>-ACCESS <i>Scholarship Award</i></p>	<p>-Riley Weatherholt, Kent State University</p>
<p>-<i>Anoop Krishen Memorial Scholarship Award</i></p>	<p>-Katherine Greskovich, Kent State University</p>
<p>-OMNOVA / ACESS <i>Scholarship Award</i> Presented by Dr Carla McBain, OMNOVA Solutions</p>	<p>-Mary Greggila, The University of Akron -Brian Musial, The University of Akron</p>
<p>-<i>Gene Easter Award for Exemplary High School Chemistry Teaching</i> Presented by Dr Michael Fricke, ACS</p>	<p>-Ms Sharon Kaffen, National Inventors Hall of Fame STEM High School, Akron</p>
<p>-ACCESS <i>Award</i></p>	<p align="right">-Mr Robert J Erdman Retired, Keithly Instruments Akron Physics Club</p>
<p>-<i>Distinguished Award of Council</i> Presented by Dr Min Gao, President, ACESS</p>	<p align="right">-Mr David W James Superintendent Akron Public Schools</p>
<p>• <i>Closing Remarks</i></p>	<p align="right">-Dr Min Gao President, ACESS</p>



2018-2019 ACESS OFFICERS

President:	Dr Min Gao SPE	Liquid Crystal Institute, KSU
President-Elect:	Sheila King IEEE	Rockwell Automation
Treasurer:	Brent Sisler, PE ADSPE, ASME	Retired
Secretary:	Brent Sisler, PE ADSPE, ASME	Retired
Executive Director:	Dr Michael Dowell ACS	Retired

ACESS COMMITTEE CHAIRS

AUDIT & FINANCE Michael Dowell, PhD, ACS	SOCIAL MEDIA Cara Adams, ASME
BANQUET Bill Kessler, SME	SPEAKERS BUREAU Gregg Loesch, PE, ASCE
EDUCATIONAL FUND RAISING Michael Askew, PhD, ASME	STRATEGIC PLANNING Robert Erdman, APC
COMMUNITY RELATIONS Dan Jones, PhD, SPE	K-12 STUDENT OUTREACH Katrina Halasa, PhD, ACS Missi Zender-Sakach, PhD, SPE
HONORS & AWARDS; GRANTS Marian Rousek, ACS	WEBMASTER, COMMUNICATIONS Sheila King, IEEE

ACESS DELEGATES

ACM: Ken Batchter, PhD, Delegate	ASHRAE: Chad Russell, President Chad Montgomery, Delegate
ACS: Michael Fricke, PhD, Chair David Perry, PhD, Delegate Marian Rousek, Delegate	ASME: Edward Seroka, Chair Cara Adams, Delegate James Parish, PE, Delegate
ACS Rubber Division: Christie Robinson, Director Nicole Neila, Assistant	ASSP: Michael Eberhart, President Devon Donahue, Delegate George Shay, PE, Delegate
ADSPE: David Tschantz, PE, President Matthew Sejba, PE, Delegate Brian Makan, PE, Delegate	IEEE: Jim Dowey, Chair Nicholas Wagner, Delegate
AIA: Elisha Dumser, PhD, President Timothy Matney, PhD, Delegate Jerrad Lancaster, PhD, Delegate	MSNO: Richard Kus, President Virgil Solomon, PhD, Delegate Putu Ustriyana, Delegate
AIChE: Barteve Sakadjian, Chair Joe Feil, Delegate	SME: Bill Kessler, Chair
APC: Robert Erdman, Chair Dan Galehouse, Delegate	SPE: Nicole Fraifogl, PhD, President Daniel Jones, PhD, Delegate David Schultz, Delegate
ASCE: Gregg Loesch, PE, President Reneé Whittenberger, PE, Delegate	YP AFFILIATE: Luke Anderson, Delegate



2018-2019
ACCESS ADVISORY COUNCIL

• Mr Robert Handelman	Chief Executive Officer Chemstress Consultant Company
• Dr George Haritos	Colonel, USAF, Retired Professor, Department of Mechanical and Civil Engineering The University of Akron
• Ms Sheila King	VP, Operations, NEOHSTEM Alliance Senior Project Engineer, Rockwell Automation
• Mr Joe Mattingly	Global Technology Project Management Advisor The Goodyear Tire & Rubber Company
• Dr Carla McBain	Technology Director, Specialty Coatings and Ingredients OMNOVA Solutions
• Mr Edward Seroka	Senior Engineer Bridgestone Americas Tire Operations
• Mr Randy Theken	Founder Theken/NextStep Companies

The ACCESS Advisory Council consists of six or more business and/or technical leaders of the Greater Akron Area who are selected annually by the ACCESS President. The purpose of the Advisory Council is to act in an advisory capacity to the ACCESS Board of Directors.

Members of the Advisory Council are also available, as needed, to assist the ACCESS Board of Directors in the accomplishment of ACCESS objectives. The Board of Directors of ACCESS expresses thanks to the Advisory Council members for their time and assistance.



2018 ACCESS HONORS & AWARDS
BANQUET COMMITTEE

• Michael Askew, PhD, ASME	Retired
• George Deisz, ACS	Retired
• Michael Dowell, PhD, ACS	Retired
• Joseph Feil, AIChE	Retired
• Katrina Halasa, PhD, ACS	Akron Public Schools
• Bill Kessler, SME	Chair, Retired
• Sheila King, IEEE	Rockwell Automation
• Gregg Loesch, PE, ASCE	City of Akron
• Marian Rousek, ACS	Retired
• Brent Sisler, PE, ADSPE, ASME	Retired
• Missi Zender-Sakach, PhD, ACS	Summit Educational Service Center



OUTSTANDING HIGH SCHOOL STUDENTS

Recognition is extended to the following math and science students from high schools in Summit County and the Summit Educational Services

SCHOOL	STUDENTS
• <i>Akron Early College High School, Akron</i>	- Heather Jandecka - Desmond Vang
• <i>Buchtel Community Learning Center, Akron</i>	- Imani Jackson - Ronald Raine, Jr
• <i>East Community Learning Center, Akron</i>	- Jayda Peterson - Matthew Stover
• <i>Ellet High School, Akron</i>	- Claire Struhsaker - Scott Workman
• <i>Firestone Community Learning Center, Akron</i>	- Michelle Reitz - Jacob Murray
• <i>Kenmore-Garfield High School, Akron</i>	- Holley Miller - Michael Miano
• <i>National Inventors Hall of Fame STEM High School, Akron</i>	- Gwendalyn Jenkins - Aaron Brown, Jr
• <i>North High School, Akron</i>	- Sar Ela Be Htoo - Nul Rai
• <i>Barberton High School</i>	- Jaycee Lappin - Ben Hornak
• <i>Copley High School</i>	- Allison Hohenshil - Sunil Kancherla
• <i>Coventry High School</i>	- Wade Fallon - Casey Simon
• <i>Cuyahoga Falls High School</i>	- Aniyah Dortch - Thomas Gross
• <i>Field High School</i>	- Amanda Stayer
• <i>Green High School</i>	- Ayda Qureshi - Collin Johnson
• <i>Hudson High School</i>	- Isabel Wu - Alexander Liesen
• <i>Manchester High School</i>	- Helene Bell - Ryan King
• <i>Mogadore High School</i>	- Victoria Fullerton - Rhett Brodie
• <i>Nordonia Hills High School</i>	- Simrat Kaur - Michael Kerosky
• <i>Norton High School</i>	- Keridan Morgan - Nathan Dobben
• <i>Revere High School</i>	- Sydney Padgett - Jack Krew



OUTSTANDING HIGH SCHOOL STUDENTS



Recognition is extended to the following math and science students from high schools in Summit County and the Summit Educational Services
(continued)

SCHOOL	STUDENTS
• <i>Springfield High School</i>	- Jenna Kale - Andrew Frankowski
• <i>Stow-Munroe Falls High School</i>	- Justin Moeller
• <i>Tallmadge High School</i>	- Emily Newenhisen - Brandon Gray
• <i>Twinsburg High School</i>	- Claudia Nmai - Rohan Deshpande
• <i>Woodridge High School</i>	- Caitlin Raid - Andy Muha
• <i>Archbishop Hoban High School</i>	- Lauren Fricker - Paul Hirsch
• <i>Our Lady of the Elms High School</i>	- Kathryn Burns - Amanda Rokicky
• <i>St Vincent-St Mary High School</i>	- Fiona Gaffney - Jacob Kulig
• <i>Walsh Jesuit High School</i>	- Eleanor Smith - Adam Shah



SCIENCE FAIR WINNERS

Best of Show Akron Science & Technology Expo

Middle School – Sandy Gao won the ACESS Award for the outstanding project at the Akron Science & Technology Expo held at North High School on January 27, 2018. The title of her project was “Investigating Boat Keels”. She is currently in the 8th grade at Jennings Community Learning Center in Akron. Her science advisor was Ms Elizabeth Poulos.

High School – George Hernandez and Dylan West won the ACESS Award for the outstanding project at the Akron Science & Technology Expo held at North High School on January 27, 2018. The title of their project was “Oobleck”. They are currently in the 10th grade at Buchtel Community Learning Center in Akron. Their science advisor was Ms Rebecca Butler.

Best of Show 70th Western Reserve District 5 Science Day

Middle School – Arya Sambandan won the ACESS Award for the outstanding project at the 70th Western Reserve District 5 Science Day held at the University of Akron on March 17, 2018. The title of her project was “Cyber Security Vulnerabilities in Connected Medical Devices”. Arya is currently in the 9th grade at Solon High School, Solon. Her science advisor was Ms Nandhini Sambandan and her science teacher was Ms Elizabeth Love.

High School – Sean Scarnecchia and Jack Hakes won the ACESS Award for the outstanding project at the 70th Western Reserve District 5 Science Day held at the University of Akron on March 17, 2018. The title of their project was “Assisting ESL Student’s Vocabulary Through Technology”. Sean and Jack are currently in 11th grade at Hudson High School, Hudson. Their science advisor was Ms Sheila Baldessari.

ACCESS TEACHER GRANT AWARD WINNERS



ACCESS recognizes the need for students to carry out experiments and projects to further math or science education at their school. One-time grants of \$500 are being awarded to teachers based on their grant applications. Grants are sponsored by ACCESS Member Societies, Industry and/or Anonymous Donors.

<u>Comparing Energy Sources</u>	
Sponsored by ACCESS / OMNOVA	
Carrie Miller	Echo Hills Elementary School, Stow
<u>Project Health and Biology</u>	
Sponsored by ACCESS / OMNOVA	
LeeAnne Jascoe	St Matthew Parish School, Akron
<u>What Your Gas?</u>	
Sponsored by ACCESS / ACS - The Anoop Krishen Teacher Grant	
Blake Beluscak	Ellet High School, Akron
<u>Coding in Elementary School</u>	
Sponsored by ACCESS / IEEE	
Nancy Marquette	Indian Trail Elementary School, Stow
<u>Electronics</u>	
Sponsored by ACCESS / IEEE	
Penny Porter	Firestone Community Learning Center, Akron
<u>Beginning Engineers</u>	
Sponsored by ACCESS / Bridgestone	
Michelle Dame	Indian Trail Elementary School, Stow
<u>"Dashing" into Learning</u>	
Sponsored by ACCESS / Bridgestone	
Joelle Grimsley	Echo Hills Elementary School, Stow
<u>Edison Robotics Competitions</u>	
Sponsored by ACCESS / Bridgestone	
Alex Oris	Roberts Middle School, Cuyahoga Falls
<u>Think Like a Scientist</u>	
Sponsored by ACCESS / Bridgestone	
Levonias Swails and Caite Eggeman	Barber Community Learning Center, Akron
<u>Factors Influencing Reaction Rate</u>	
Sponsored by ACCESS / SPE	
Tracy Braho	East Community Learning Center, Akron
<u>Bridging to Polymers: Thermoset Lab Plastics</u>	
Sponsored by ACCESS / SPE	
Tracy Braho	East Community Learning Center, Akron



ACCESS TEACHER GRANT AWARD WINNERS

ACCESS recognizes the need for students to carry out experiments and projects to further math or science education at their school. One-time grants of \$500 are being awarded to teachers based on their grant applications. Grants are sponsored by ACCESS Member Societies, Industry and/or Anonymous Donors.

(continued)

<u>Alka Seltzer and the Ideal Gas Law</u>	
Sponsored by ACCESS / Harwick Standard	
Tracy Braho	East Community Learning Center, Akron
<u>What a Waterful Life: A Hydraulics PBL with Akron Water Supply Bureau</u>	
Sponsored by ACCESS / Dominion Energy	
Zach Griffith	National Inventors Hall of Fame STEM High School, Akron
<u>STEM Learning Through Engino Physics Sets</u>	
Sponsored by ACCESS / Dominion Energy	
Sandra Leyden	Immaculate Heart of Mary School, Cuyahoga Falls
<u>It's Never Too Early to Code</u>	
Sponsored by ACCESS / Akrochem Corporation	
Leslie Detweiler	Highland Elementary School, Stow
<u>My Healthy Heart</u>	
Sponsored by ACCESS / Akrochem Corporation	
Tyler Buckwalter	Highland Elementary School, Stow
<u>Natural Magnetism</u>	
Sponsored by ACCESS / MSNO	
Janice Schelien	Highland Elementary School, Stow
<u>The Plant Grew to the Sun</u>	
Sponsored by ACCESS / Anonymous Donor	
Jennifer Dudley, Leslie Detweiler and Jeanine Muller	Highland Elementary School, Stow



Pursuing studies in a STEM field next year?

The Akron Area Engineers Week Group awards scholarships for qualified students (STEM Students who will be college undergraduates next year and also Undergraduate Students)



Interested?
Get details and apply at:
akroneweek.org



Please submit your applications by January 10th, 2019



ACCESS – THEKEN SCHOLARSHIP AWARD and ACCESS SCHOLARSHIP AWARD

Two \$1,500 scholarships are awarded each year to a deserving student at The University of Akron and Kent State University. To be eligible, the student must be a junior and working toward a four-year degree in a technical area that is related to at least one of the areas represented by ACCESS member societies.

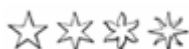
Kathryn Wegman ACCESS - Theken Scholarship	Electrical Engineering The University of Akron
Riley Weatherholt ACCESS Scholarship	Chemistry and Environmental Conservation Biology Kent State University



ANOOP KRISHEN MEMORIAL SCHOLARSHIP AWARD

A \$1,500 scholarship is awarded to a deserving Chemistry student at Kent State University. This scholarship is funded by Dr Anne Andrews in memory of Dr Anoop Krishen, the first ACCESS Executive Director.

Katherine Greskovich	Chemistry - Biochemistry Kent State University
-----------------------------	---



OMNOVA / ACCESS SCHOLARSHIP AWARD WINNERS

Two \$1,500 scholarships are awarded to students at The University of Akron by Dr Carla McBain, Technology Director, Specialty Coatings and Ingredients, OMNOVA Solutions.



Mary Greggila	Chemistry The University of Akron
Brian Musial	Corrosion Engineering The University of Akron



ACS 2018 GENE EASTER AWARD for EXEMPLARY HIGH SCHOOL CHEMISTRY TEACHING



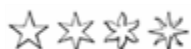
**Ms Sharon Kaffen,
National Inventors Hall of Fame STEM High School, Akron**



The Gene Easter Award was established in 1995 by the Akron Section of the American Chemical Society to recognize an outstanding chemistry teacher at the high school level who combines innovative and relevant methods of presenting chemistry subjects in order to illustrate the importance of chemistry in our everyday lives. The award was named after Gene Easter who taught chemistry at Streetsboro High School. Ms Sharon Kaffen is the American Chemical Society 2018 Gene Easter Award winner!



Before becoming an educator, Sharon was a Research Chemist at Goodyear. She started her teaching career at East High School. She became a proponent of “High Schools that Work”, a program that is meant to give students practical skills that they can use on the job. Sharon believes in the mission that school should improve the potential all students have. She became an educator because she wanted to give back to the community. She wanted to inspire the next generations of scientists to learn about the world. At the NIHF STEM High School, Sharon dedicates her time to organizing extra-curricular activities, like Science Olympiad and Educators Rising. Sharon is known for her fierceness. When she has a problem, she has no problem sharing her opinion and fighting for what’s right. That fierceness is tempered by compassion for her students and respect for her coworkers. It is an exciting year for her as she is retiring after many years of service to our STEM students. Sharon proves to be a leading educator in our community!



STEM SHOWCASE (Science, Technology, Engineering, Math)



Colleges, Universities and Organizations represented at the
ACCESS Honors & Awards Banquet

Choose Ohio First – The University of Akron

Hiram College

Microscopy Society of Northeast Ohio (MSNO)



BANQUET SPEAKER

CARA ADAMS

Chief Engineer & Manager of Race Tire Development
Bridgestone Americas Tire Operations / Firestone Racing

“Racing Towards your Ideal STEM Career”

Cara Adams was appointed as Firestone Racing’s Chief Engineer and Manager of Race Tire Development in September of 2016. Cara has more than a decade of racing experience after joining the Race Tire Engineering team at Bridgestone Americas Tire Operations (BATO) in 2007. She has developed tires for road/street courses and the Indianapolis 500 Mile Race and currently, Cara is responsible for overseeing all design, development and track-side support of Firestone race tires, and heads a talented group that design tires for some of the most demanding driving situations imaginable.

In addition to her work at BATO, Adams also serves on the boards of several community organizations. She is the Secretary for the Akron section of the American Society of Mechanical Engineers and is a board member of Akron Council of Engineering & Scientific Societies along with Akron Public School’s Project Lead the Way, which is a pre-Engineering program for high school students. Cara is a frequent speaker at local schools and universities, encouraging students to pursue careers in math and science and is a science fair judge at Akron district and regional fairs. Cara graduated from the University of Akron with a Bachelor of Science in Mechanical Engineering and a Bachelor of Arts in Spanish. International travel with Bridgestone has also provided her with an opportunity to learn Japanese and Portuguese. An avid triathlete, Adams competes in Ironman 70.3-mile races and has most recently trained and auditioned for American Ninja Warrior. She and her husband, Alexis, reside in Akron, Ohio.

Cara will talk about her experiences from a curious student at her mom’s neighborhood science camps, to the basement of the University of Akron’s College of Engineering, building a Formula SAE car. She will offer helpful tips for discovering and pursuing an ideal STEM career. She will also discuss the importance of giving back, motivating others, and mentorship.

THE ACESS AWARD

The ACESS Award is presented annually to an individual who has made an outstanding contribution to the Akron Council of Engineering & Scientific Societies (ACESS). The 2018 recipient of this award is Mr Robert J Erdman.



Bob graduated from the Ohio State University in 1962 with a Bachelor’s degree in Electrical Engineering. He then embarked on his 40 year career with Keithley Instruments. His graduate work was done at John Carroll University, earning him a Master’s degree in physics in 1970. In his career he developed dozens of sensitive and precision instruments, some with capabilities of measuring 10^{-17} coulombs (the charge of 60 electrons) and others that detected voltage changes of 3×10^{-12} volts. He was granted three patents, has written numerous articles and has given hundreds of technical presentations all over the world on measurements of small electrical quantities. He rewrote the Keithley Electrometer Measurements Handbook and managed design groups. He retired from full time employment in the year 2000 and had a consulting practice until 2010.

Bob has been a member of the Akron Physics Club, which he now chairs, for about 15 years. He was also ACESS Secretary for many years and served as ACESS President in 2016. He continues to serve on the ACESS Board. Bob has enjoyed playing classical piano since the age of seven and has played with many traditional jazz bands. He now teaches piano at his home in Kent.

THE DISTINGUISHED AWARD OF COUNCIL



The Distinguished Award of Council is presented annually to an outstanding citizen or organization for their technical and managerial achievements and involvement in civic activities. The 2018 recipient of this award is Mr David W James, Superintendent, Akron Public Schools (APS).

David James has his Bachelor of Arts degree in economics and his master's degree, from Cleveland State University, in public administration. As APS Superintendent, he is the 22nd chief executive of the Akron school system. He oversees roughly 20,000 pupils, 3,000 employees, and operations of 43 school buildings. The Akron Board of Education selected David in August of 2008 to lead the public school system through what would be a period of great transition.

Among David's most significant responsibilities and also his achievements continue to be overseeing the largest building renovation and consolidation project in the history of the Akron schools. Nearly completed, the \$800 million endeavor will have converted all of Akron's school buildings into community learning centers---schools by day, community learning centers (CLC) for residents during evenings and weekends. These 32 new CLCs have also modernized and helped solidify neighborhoods throughout Akron.

David, his staff and key community partners have successfully worked with Ford Next Generation Learning (Ford NGL) to have the Akron Public Schools designated as a Ford Next Generation Learning Community. Adopting the Ford NGL framework will help the district transition all high schools into college and career academies. Schools will now offer a smaller, more focused learning environment and students will select a college and career path similar to selecting a major in college. Also groundbreaking is the dual degree program he has made available to students. This gives students a leg up on college by taking both high school and college courses and receiving both a diploma and a two year college degree upon graduation from high school. This program is offered as part of the curriculum now throughout APS, at our Akron Early College High School on the campus of The University of Akron and through a partnership with Stark State College.

Leadership from David has leveraged the effective Akron After School collaboration into a partnership with the LeBron James Family Foundation to offer LeBron's I Promise and the Wheels for Education programs for students encouraging them to work hard, achieve and graduate. Taking this partnership with LeBron James to the next level, the district and the foundation forged an agreement to create the I PROMISE School, which opened in July 2018.

Those who talk to David James will often hear him say, "Education is everyone's responsibility. Build the future. Take part." Mr David James is known regionally and nationally for his commitment to students! ACESS applauds him on his vision and leadership in the education of our youth today!

AKRON COUNCIL OF ENGINEERING AND SCIENTIFIC SOCIETIES (ACCESS)

The purpose of the Akron Council of Engineering and Scientific Societies (ACCESS) is to enhance the technical environment in the Greater Akron area through coordination and cooperation with technical societies, industry and academia by:

- Providing a forum for action on matters of concern and interest to the technical and scientific communities.
- Serving as a focal point for contact between the technical community and the business community, academia and society at large.
- Promoting inter-society communication, professional interchange of ideas and coordination of society activities.
- Promoting interest in and encouraging careers in technical professions.

ACCESS is a non-profit 501(c)(3) organization, incorporated under the laws of the State of Ohio, operating exclusively for scientific and educational purposes.

Societies eligible for council membership are professional technical organizations with acceptable ethical standards, which have, as their objectives, the advancement of the theory and practice of the science concerned. Societies include:

- Akron Canton Section of the American Society of Civil Engineers (ASCE)
- Akron District Society of Professional Engineers (ADSPE)
- Akron Physics Club (APC)
- Akron Section of the American Chemical Society (ACS)
- Akron Section of the American Institute of Chemical Engineers (AIChE)
- Akron Section of the American Society of Mechanical Engineers (ASME)
- Akron/Canton Section of the Institute of Electrical and Electronic Engineers (IEEE)
- American Society of Heating, Refrigerating, & Air Conditioning Engineers (ASHRAE)
- American Society of Safety Professionals (ASSP)
- Archaeological Institute of America (AIA)
- Association for Computing Machinery (ACM)
- Microscopy Society of Northeast Ohio (MSNO)
- Rubber Division, American Chemical Society
- Society of Manufacturing Engineers (SME)
- Society of Plastics Engineers (SPE)
- Young Professionals Affiliate (YP)



OMNOVA Solutions Foundation's (OSF) highest priority is education. OSF wants to help motivate our future leaders and workers to gain the desire, knowledge and work-readiness skills required for corporations like theirs. The Foundation offers two \$1,500 Scholarships and two \$500 Teacher Grants.



Theken Companies, LLC is pleased to support ACESS in their efforts to promote careers in science and engineering by offering one \$1,500 ACESS – Theken Scholarship.



Bridgestone Americas

— T R U S T F U N D —



The Bridgestone Americas Trust Fund is pleased to support ACESS in their efforts to promote careers in science and engineering. The Trust Fund offers four \$ 500 Teacher Grants.



**The Akron Council of Engineering & Scientific Societies
gratefully acknowledges financial support
of the Student Award Winners by the following Sponsors:**

Akrochem Corporation
OMNOVA Solutions Foundation
Michael J Askew, PhD

**The Akron Council of Engineering & Scientific Societies
gratefully acknowledges the financial support
of the following organizations:**



**Acme Fresh Market
Akrochem Corporation
Akron District Society of Professional Engineers
Akron Public Schools
Akron Section American Chemical Society
Akron Section American Society of Mechanical Engineers
Akron/Canton Section of the Institute of Electrical and Electronic Engineers
Akron Section Society of Plastics Engineers
Dr Anne Andrews
Anonymous Donor
Bridgestone Americas Trust Fund
Chemstress Consultant Company
Crystal Clinic Orthopaedic Center
Dominion Energy
FirstEnergy Foundation
Harwick Standard Distribution Corporation
Microscopy Society of Northeast Ohio
OMNOVA Solutions Foundation
S A Comunale
Smithers Rapra
Summit Educational Service Center
The University of Akron Research Foundation
Theken Companies, LLC**