

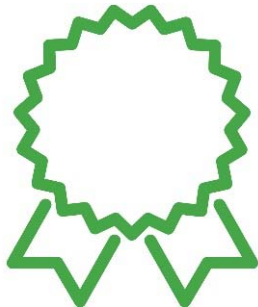
Polymer Valley News



Picture from 2019

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 62nd Year of Education and Service to the Plastics Industry

~ Akron Awards Issue ~



SPE National

Please click the following areas of interest:

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~ Reminder to our Advertisers and Sponsors ~

This is the last edition of the 2019-2020 SPE Newsletter for the season. The 2020-2021 Newsletter season begins in August, 2020. We appreciate your support for our newsletter and welcome your advertisements for the next year.

Please see the insertion order request form on page 26 for your ad to be included in all editions of the **Polymer Valley News**. Your ad with a live link to your web site will also be featured on our web page and your logo shown in all our email blasts.

We look forward to working with you in the future!

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President's Message

Dear Akron SPE Members,

First, let me say that I hope that everyone reading this message, and their friends and families have remained safe during these unusual and trying times and that no one has been financially devastated. I do not know anyone that could have imagined anything like the COVID-19 pandemic happening. I do know that everyone I have met while being associated with the Akron section of SPE are strong and intelligent and that we will make it through this together.



I do not have much of an update regarding when things will get back to normal, at least to what we have become to think of as normal, but I would hope that the fall program will begin on schedule. The protocols for handling tours and events will be different. As we become aware of any changes they will be posted on our website and included in our monthly newsletter.

For those on the BOD, I would like to have an online meeting on May 11th if that works for everyone. I will send an email to check on the date and also on a preferred platform.

I would like to say in closing that we are going through major changes in business, but it does not have to be a negative thing; we must view it as an opportunity to look for new and unique ways to do business, interact with others and, most importantly, how to design new and innovative products and processes. Also, please take a moment whenever possible to thank those that were required to be there when we needed them most.

President, Akron Section

Larry Stanek

440-975-0070 ext 313

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An advertisement for Struktol Innovative Additives. The background is red. At the top left is the Struktol logo with a registered trademark symbol and the website www.4struktol.com. To the right, the word 'INNOVATIVE' is written in large white letters, with 'ADDITIVES' in smaller white letters on a black bar behind it. Below this is the slogan 'Turn Your Concept Into Reality'. The advertisement features several circular images: a hand holding a notepad with the handwritten text 'Innovative Additive Solutions!'; a car's interior dashboard; a close-up of a metal part; a pile of colorful plastic pellets; a white plastic egg carton; and a large pile of blue and red plastic bottles.

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– see page 26 for the order form

Membership Report - 2020

The Akron Section currently has 239 active members.

<u>Month</u>	<u>Active</u>
--------------	---------------

Jan	253
Feb	252
Mar	--
Apr	239

May
Jun

Jul ***We are always welcoming new members – bring someone along to a meeting!***

Sep

Oct

Nov

Dec

Say hello to new members

Andy Gordon, Plaskolite
Robert Hickman, Shadow Polymer Industries, Inc.

Sandra Pejic, Thermo Fisher
Wayne Vanderhof

Salvador Rodriguez, Student
Meagan Wheeler-Rogers, Student

	• Volumetric, Gravimetric, Belt & Screw Feeders		• Explosion Mitigation & Prevention Equipment for Combustible Dust
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Recent Board Approved Donations

\$500 To: The University of Akron Foundation, Ohio Junior Academy of Science

The Ohio Academy of Science was founded in 1891 to promote science and science education in Ohio. The Academy conducts numerous pre-college student-programs to encourage STEM education and to provide a venue where student-scientists can interact with other students and scientists from across Ohio. In addition, OAS hosts an Annual Meeting and publishes a scientific journal *The Ohio Journal of Science* that focuses on the science being done in Ohio, as well as the science that is directly impacting Ohio.

\$150 To: Akron Area Engineers Week, Program Support

Featured presentations from the University of Akron; Engineers for a Sustainable World, Zips Electric Racing Team, and the U of A Nasa Robotics Team!

Akron Awards – Hall of Honor

Bill Bregar, Senior Reporter, Plastics News

Bill Bregar, who spent 31 years reporting on the plastics industry, died April 5 of an apparent heart attack at age 58. He was a plastics industry star, known for his extensive industry knowledge and long list of sources and friends.

Bill has been into journalism since editing his 7th grade newspaper at Kirtland Middle School. He had five years of daily newspaper reporting experience and had been an assistant editor of Restaurant Management magazine before joining Plastics News as a reporter prior to the publication's launch in 1989. He is the last original employee of the paper. A 1983 journalism graduate of Ohio University, he was promoted to sr reporter in January 1996.

He joined *Plastics News* as a staff reporter shortly before the publication's launch in 1989. His beats changed a few times, but Bregar is best known for his years of experience covering plastics machinery. Initially he covered building and construction, and he has long been one of the publication's experts on injection molding, thermoforming and rotational molding. He was promoted to senior reporter in 1996.

Even from the start, Bregar was the staff's resident historian. He interviewed and profiled new members of the Plastics Hall of Fame, almost always in person, and he's written obits for many plastics industry leaders.

Bregar coordinated *Plastics News'* annual Processor of the Year award for two decades, which involved visiting and judging dozens of North America's top plastics processors. He was honored numerous times for reporting and writing excellence, with awards from organizations including the American Society of Business Publication Editors, the Press Club of Cleveland and the Detroit Society of Professional Journalists. One recent story, a feature on Procter & Gamble's Imflux molding technology, won both SPJ and Azbee honors. He wrote the popular Heavy Metal blog on PlasticsNews.com about machinery and workforce issues, and personal experiences. He also wrote a monthly column on best practices.

Bregar grew up in Kirtland, Ohio, and was a 1979 graduate of Kirtland High School, where he played tennis and performed on the drums in the marching band. He was a 1983 journalism graduate of Ohio University, where he played in the marching band and participated in Students for Peace.

Bregar was a resident of Ashtabula and lived in Akron for many years. His wife Nancy died in 2019. He is survived by his adult children, Sam and Molly, his first wife Susan, his mother Betty and his brother Terry.



Bill has been a huge supporter of the Akron Chapter over the years. We enjoyed his wit and humor. He was scheduled to be inducted into our Hall of Honor in May and we are very saddened that he passed away. It is our privilege to induct him into the Hall of Honor posthumously. He will be missed!

Akron Awards – William C. Zekan Memorial Service Award

Honoring those of the Akron Section who have given so willingly of their time and talents to serve their section over and above the norm.

The winner of the 2020 William C. Zekan Memorial Service Award is **Larry Stanek**.



Larry is involved with the rotomolding industry as Manager of Engineering and Quality Control at ENPAC LLC and has volunteered to serve as President of the Akron Section of SPE for 2 years. The next 18 months are going to be very challenging as our society must adapt to new ways of doing business. Larry's leadership has, and will, help us navigate these difficult times. This award is our way to recognize his efforts and thank him for his service.



**The Akron Section is in
need of New Board Members.**

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Board Member
to help support your Section.**

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on the board
if you are interested.**

Thank You!



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Scholarship Winners - 2020

SPE Special Merit Winners

Tanner Brahler

Tanner is currently attending Akron University and working on his bachelor's degree in engineering. He enjoys spending time with family and friends, riding four wheelers, playing sports and being outside. After schooling, Tanner hopes to find a great place to work and make a career at that company.



Erin Christian

Erin continues her education at The Ohio State University to study Mechanical and Biomedical Engineering. She sees her future in designing and producing medical devices that help improve the quality of life for cancer survivors.



Emma Harmon

Emma is a junior at the University of Akron studying Chemical Engineering. She has served as the Community Service Director for Residence Hall Council. Additionally, she is the Community Service Chair for Delight, which is a women's ministry on campus. Through these positions, she has raised money for Relay for Life and The National MS Society, and she has worked with recovering victims of human trafficking through Rahab Ministries.

The Education Foundation of the Akron Section was established in 1983 and has provided scholarships to over 300 young men and women totaling in excess of \$420,000 to assist them in furthering their careers in the polymer industry. The foundation has grown through endowments, donations and fundraising efforts. There were ten awardees for the 2020-2021 year.

Scholarship Winners - 2020

SPE Special Merit Winners

Carter Kuwatch

Carter attends the University of Akron, pursuing a Bachelor's Degree in Mechanical Engineering. He is busy expanding his knowledge of polymer engineering and one day hopes to own his own business in the plastics field.



Kaila Oberhaus

Kaila attends The Ohio State University and majors in Chemical Engineering and Biochemistry. She hopes to use her skills to improve pharmaceutical products.

Victor Vogt

Victor Vogt is studying chemical engineering at Texas A&M University. He has participated in polymer research at the University of Akron and will be worked as an intern at Bridgestone Americas Technical Center. Victor enjoys running cross-country and has been a part of his school's Academic Challenge and Science Olympiad teams.



Scholarship Winners - 2019



Goodyear Corporation Scholarship Winner - Steven Prexta

Steven graduated from Green High School in 2017. He is studying at The Ohio State University, with a major in Mechanical Engineering. Steven, who is an Eagle Scout, also loves travelling and visiting the national parks.

Newell/Rubbermaid Corporation Scholarship Winner - Walid Abuhashim

Walid studies Biomechanics/Biomaterials & Tissue at the University of Akron. He performs research on the iris cell nucleus for the Biomedical Engineering Department. In his spare time, he leads the Biomedical Engineering Design Team at the University of Akron in developing an assistive device for individuals with cerebral palsy dystonia. Walid is also the Vice President of the Muslim Students Association and helps organize interfaith events. He currently holds a GPA of 4.0. He aspires to use his engineering degree to conduct research, earn patents and own his start up business.



Jim Steiner Memorial Scholarship – Ian Malpass

Ian is a freshman at the University of Akron and will be transferring to The Ohio State University next year, where he will continue to study mechanical engineering. He desires a job where to use his creativity and knowledge to make or do something to better the lives of those in need. Ian loves the outdoors and being with friends and family. He also plans to play club soccer at OSU and find places where I can contribute voluntary hours.

Kenneth L. Sharp Memorial Scholarship – Christian Jenkins

Christian Jenkins, the son of John and Rachel Jenkins, is a sophomore Chemical Engineering student at The University of Akron. He is an Eagle Scout of Troop 179 from Immaculate Heart of Mary Parish in Cuyahoga Falls. Christian graduated from Woodridge High School as part of the Class of 2019, where he ran Cross Country, Track, and played trumpet in the band. Christian continues to enjoy his hobby of running, and is a newly elected officer of the Akron Running Club at The University of Akron.

Technical Assistance

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WHY WAS THE PLASTICS INDUSTRY YOUR CAREER CHOICE?

I chose the plastics industry due to their versatile applicability in many products we interface with. I believe plastics will become a more prominent technology in the future as more light-weighting gets introduced in areas such as the automotive and aerospace industries. Furthermore, plastics could become a central platform in areas such as wearable/flexible electronics. Supporting the urban air mobility efforts at Boeing requires introducing high rate manufacturing solutions while balancing vehicle weight. Baselineing the automotive plastics market will provide a template for potential adoption, where these methods could include injection molding or out-of-autoclave thermoset composite processing.

WHY HAS IT BEEN IMPORTANT TO BE AN SPE MEMBER FIRST AS A STUDENT AND NOW AS A YOUNG PROFESSIONAL?

I greatly benefited from being an SPE member while in grad school. SPE provided a platform for me to grow my professional network within the greater Akron Professional Section but also across the plastics industry through conferences such as ANTEC®. As a grad student, one tends to develop a narrow focus on fundamental aspects of polymer science. Getting that exposure to the plastics industry was beneficial in understanding how these fundamental concepts get applied in a real-world production and business scenario.

FAVORITE SPE MEMORY?

My favorite SPE memory was attending ANTEC® in 2018. I enjoyed the large-scale expo showcasing numerous pieces of machinery running parts. Having this firsthand exposure to automated processes further developed my understanding of production in the plastics industry. Presenters were open to explaining their processes to students and were willing to comment on parts with defects as a learning exercise. I also enjoyed the events organized by ANTEC® and the continued relations established throughout the conference.

HOW DID YOU GET INVOLVED IN THE COMPOSITES FIELD?

My involvement with the composites field began on day one of my current job. I had minimum exposure to composites, which made learning about this field quite enjoyable. I liked finding parallels between fundamental polymer science that I learned in grad school and the polymer matrix aspects of traditional aerospace thermoset and thermoplastics composites. I currently support high rate production of composites which include out-of-autoclave thermoset chemistries and thermoplastic processes.

HOW HAVE MENTORS HELPED YOU NAVIGATE YOUR CAREER AND PERSONAL LIFE?

Xiaoxi Wang from the Thermoplastic Materials and Foams Division is my current mentor. This relationship started at ANTEC® 2018 and has continued to date, extending into the workplace. Xiaoxi and I have quarterly meetings where we discuss different plastics processes applicable to our work statements. Outside of work, Xiaoxi also provides work-life balance advice and other personal mentorship.

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MARCOS PANTOJA
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Anya Michlberger

Winner of the SPE Akron "Wonders of Plastics" essay contest

Rootstown Middle School – Teacher, Mrs. Mervine

Why Plastics Are Not To Blame

What if I said that plastics actually benefit society? Plastic has generally been considered a bad thing. It pollutes oceans, kills wildlife, and damages our health (Wild). However, there is more to the story. There are many things we can do to fix this problem. We can repurpose plastic containers, making less of them to throw away. We can also manufacture packaging made of one type of plastic, so it is easier to recycle. Plastics are valuable in the food industry. They keep food from getting contaminated on its way from place to place. Plastics do not always live up to their bad reputation.

Professor Anthony Ryan said, "Plastic's inanimate, so it can't be bad, it's what people do with it that's bad" (Ferguson). Many people think that plastics are problematic, but this is not entirely true. Plastic did not put itself in the ocean, people did. In today's society, everything is about how we can get the most convenience, at the cheapest price. Just because it is cheap does not mean it is the best thing to invest in. Take the single use plastic we use to package food. Being single use plastic, it can only be used once. We use it because it is convenient, but there are better ways to package items. If we used reusable plastics, there would not be nearly as much plastic waste. We could also reuse old plastic containers instead of plastic bags (Ferguson). There are ways to repurpose your plastic as well (Pal). People can turn plastic bottles into storage containers, pet feeders, and zipper cases: the possibilities are endless! As you can see, there are other ways to solve the problem of plastic than banning it altogether.

We cannot just get rid of plastic. As many problems as it causes, it is beneficial in food packaging. The plastic around food is vital for the health of people around the globe. When food gets transported, it is handled by many people. Without this plastic, diseases would travel much

Why Plastics Are Not To Blame

quicker. The plastic also stops fruit from ripening too early. Plastic helps in the battle against malnutrition. Most deaths related to malnutrition are caused by low fruit and vegetable consumption. Plastic fights malnutrition by making sure fruits and vegetables get from place to place. More people would die of malnutrition if we get rid of plastic packaging. One option is to use reusable containers to package food. This would help reduce waste and still keep food germ-free. We could also regulate the type of plastic used in packaging material (Wild). Right now, there is no regulation, people can use whatever they want. If we regulated the type of plastic used to one type of plastic, it would be easier to recycle. Plastic is all around us, even in clothing! There is also a type of naturally occurring plastic, cellulose, found in cotton (Ferguson). Most would agree that plastic is a big factor in everyday life.

While plastics do cause problems, we would have more problems if we did not have plastics. There are many easy ways people can help with the problem of plastic. Recycling and repurposing plastic bottles will help reduce waste. We can also use fabric bags instead of plastic bags. Not only does this help the environment, but it also helps us! Doing these things will help the environment for years to come.

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Maggie Frick

Runner Up for the SPE Akron "Wonders of Plastics" essay contest

Rootstown Middle School – Teacher, Mrs. Mervine

The Truth About Plastic

If you were to ask most people today about the dangers of plastic, they would probably tell how threatening it is and how plastic is not helpful in any way. This is not true in a lot of cases. There are many facts and information many people do not know about because they blame plastic. Plastic is not the only reason for pollution, it is actually safer than a lot of materials. Plastic can improve the environment and have a lot more uses than most people think it can, and if we stand together and fix the problems we can keep around the materials that actually benefit us.

Plastic has many benefits that people forget about. Plastic benefits things including construction, transportation, and packaging. Plastic is very important in all three of these. Construction is majorly affected by plastic and is the second thing leading in plastic. Without plastic, construction would not be what it is today. Transportation is also greatly affected by plastic. Most vehicles need and use a lot of plastic. Plastic helps reduce weight and provides a lot of protection in modern day automobiles. History of Plastic states, "Because of its toughness, durability, lightness, and ease of coloring, plastic can be found in fenders, trunk lids, bumpers," One of the biggest pieces plastic effects in society is packaging. Packaging is hugely affected by plastic. So many things and items are made with plastic. In packaging so many things can be done including color, shape, and even durability. History of Plastic also adds, " plastic can be shaped and molded into any desirable form, have any color, or any physical property." Without a doubt, plastic is very important to society that many people do not acknowledge.

Since most people believe plastic is our biggest problem in pollution, we need ways to solve these beliefs. Replacing plastic is not an option in today's society. We need more recycling and more attention to the other ways to downsize on plastic. There are many ways

The Truth About Plastic

and instead of complaining and making jokes about turtles and metal straws, people should put in some effort and start doing something about it. Hannah Ritchie states, "Of the plastic waste produced between 1950-2015, only 9 percent was recycled." Even though numbers are rising, they are not rising fast enough to suit the environment. If people are going to complain about plastic they could at least start to help. If we as a society started to help with plastic, many other groups of waste like paper, oil, and even pollution caused by gases, can be solved by starting something small like plastic. All in all, people can have their own opinions, but instead of arguing they should take a stand and help.

Plastic is not the only reason for all the commotion of pollution, but many people put the blame on plastic. Plastic has many benefits that many people overlook. Plastic is very long-lasting, it can be converted to fuel, compressed into small places, and has a lower environmental risk than paper. Paper uses a lot of resources to produce. Paper would have to be replaced because it does not have good durability and trees, water, and a lot of energy is used in the making of paper. Of these, most are not needed in plastic production making it safer for the environment than paper. Plastic provides many things and availability many forget. Stephanie Kinnon writes, "Leak-proof and child-resistant plastic containers are useful for holding dangerous household products" She also cites, "Plastic withstands the rigors of shipping, and plastic containers provide good storage solutions at home and in the office." Plastic is used all over and if we replace it, we would lose lots of important resources and availability. Overall, plastic does a lot for us and there other major materials we should be worrying about which do not include plastic.

The Truth About Plastic

Plastic is not here to harm us. Even though many people would disagree, it can help fix other problems with the help of people and it is very beneficial to many people that they tend to overlook the benefits. If people keep stereotyping plastic, they will soon forget about the other dangers that come with other factors of pollution. Society would fall thinking that plastic was everyone's downfall when really it was not. There is no doubt that if we look at the truth of plastic we would find that there are worse things and easy ways to fix our problems.

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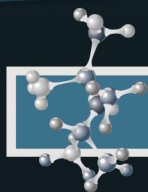
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Programs for 2019 / 2020

- Sept. 9 **Nova Chemicals**
How Resins are Produced
-- Hilton Fairlawn - Akron *
- Oct. 1-3 **VINYLTEC**
-- Hilton Fairlawn - Akron *
- Oct. 14 **Tymex**
Plant Tour
-- Harvard Ave, Cleve. - Cleveland *
- Nov. 11 **ENTEC Resins**
Plant Tour
-- Route 18, Medina - Akron *
- Jan. 13 **ACCESS – Technical Recruiting Roundtable**
-- Hilton Fairlawn - Akron *

- Feb. 10 **Polymag**
Presentation
-- Twinsburg Hilton Garden - Cleveland *
- Mar. 9 **NASA Glenn**
Bryan Smith, Director of Space Flight Systems
-- Hilton Fairlawn - Akron *
- Apr. 13 **Smartshape - cancelled**
Plant Tour
-- Rockwell Ave - Cleveland *
- May 18 **Akron Awards Night - cancelled**
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1962-1963	Dickson L. Stoker, III	1992-1993	Robert C. Wegelin
1963-1964	Edward L. Hillier	1993-1994	Anthony F. Dean, Jr.
1964-1965	John R. Russell	1994-1995	Wayne Decamp
1965-1966	John R. Russell	1995-1996	Melanie Stewart
1966-1967	Clyde H. Jones	1996-1997	Kevin Hershfield
1967-1968	Alan Corry, Jr.	1997-1998	David Schultz
1968-1969	Bernard M. Saffian	1998-1999	John Raab
1969-1970	Harold R. Schick	1999-2000	Gary Taylor
1970-1971	Robert G. Hills	2000-2001	Kevin Malpass
1971-1972	John J. Satterfield	2001-2002	Kenneth L. Sharp
1972-1973	Alexis M. Gross	2002-2003	Joseph E. Pfeiffer
1973-1974	Francis J. Maurer	2003-2004	Robert C. Wegelin
1974-1975	Leverett A. Anderson, Jr.	2004-2005	Joseph Mattingly
1975-1976	Robert M. Hershey	2005-2006	Lloyd A. Goettler
1976-1977	Richard L. Fleshman	2006-2007	John Woodside
1977-1978	David Curtis	2007-2008	Vivian Malpass
1978-1979	John A. Zelek, Jr.	2008-2009	Joseph Mattingly
1979-1980	Gerald W. Whitnable	2009-2010	David A. Katz
1980-1981	Kathleen N. Bechter	2010-2011	Lloyd A. Goettler
1981-1982	Victor E. Giuffrida	2011-2012	David Schultz
1982-1983	James Steiner	2012-2013	Kevin Malpass
1983-1984	Robert G. Hills	2013-2014	Dan Jones
1984-1985	Anthony F. Dean, Jr.	2014-2015	Vivian Malpass
1985-1986	Gene Buser	2015-2016	Keith Pelfrey
1986-1987	Harry J. Barth	2016-2017	Robert Weiler
1987-1988	Judith A. Fallon	2017-2018	Tom McQuaide
1988-1989	William E. Tosko	2018-2019	Nicole Fraifogl
		2019-2020	Larry Stanek

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Jia Ruey <i>Student - U Akron Polymer Eng.</i> 330-890-7039 T ja164@zips.uakron.edu	Director, Student Chapter SPE Liaison	Robert Weiler <i>Retired</i> 330-283-9024 T rgweiler@zoominternet.net	Director, VINYLTEC 2019 Co-chair
Joshua Seylar <i>Student - U Akron Polymer Eng</i> 865-437-6114 T jcs201@zips.uakron.edu	Director, Student Chapter SPE Liaison	Awards	Open
Keith Pelfrey <i>Retired</i> 216-315-0966 T kpelfrey@neo.rr.com	Director	Jenny Digiantonio <i>Retired</i> 330-806-6214 T jenny.akronspe@aol.com	Newsletter



Akron Section Society of Plastics Engineers Educational Foundation



1-20

The Akron Society of Plastics Engineers Educational Foundation operates exclusively for the benefit of and to carry out the purposes of the Akron Section of the Society of Plastics Engineers, which is to promote scientific and engineering knowledge relating to plastics by making educational scholarship grants to deserving students in the field of plastics engineering and related subjects. The Organization is supported primarily by contributions from the Akron Society of Plastics Engineers, the Society's individual members and corporations like yours affiliated with the polymer industry.

Since the inception in 1983, the Akron Society of Plastics Engineers Educational Foundation has grown to its current position through the hard work of many volunteers and the generosity of the local business community. Over the thirty years that the foundation has been in existence, it has provided scholarships to over 275 young men and women totaling in excess of \$385,000 to assist them in furthering their careers in the polymer industry.

Our goal is to continue to grow the assets of the Foundation in order to increase the number of scholarships awarded, as well as the size of the awards, and to do so in perpetuity. In doing this, we hope to be able to contribute to the supply of well-trained individuals to support the growth of the polymer industry in the Northeast Ohio area today and well into the future.

When the Foundation began its fund raising activities in 1983, we offered those companies who contributed a substantial donation, a perpetual annual scholarship in their name. To date we have four named scholarships, Newell/Rubbermaid, Goodyear, Ken Sharp Memorial and Jim Steiner Memorial scholarships. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please print this page, fill out the information and mail it to Joe Mattingly, 4918 Massillon Rd, North Canton, OH 44720.

Akron SPE Scholarship Donation Commitment

- \$50,000 lump sum
- \$10,000/yr. next 5 yrs.
- \$6,250.00/yr. next 8 yrs.
- Other: _____

Company name: _____

Contact person: _____

Ph. # or email: _____

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your tax deductible donation at our Awards Night scheduled May 18, 2020.

We look forward to your support of this very worthwhile cause by your fine company. Please contact me at (330) 208-6913 with any questions. Thank you for your consideration.

Sincerely,
Joe Mattingly, Foundation Chair
Akron Section Society of Plastics Engineers, Educational Foundation



Akron Section Society of Plastics Engineers
Tony Dean, Advertising Manager
330-929-9916

Website, E-Blast & Newsletter Advertising

Insertion Order 2020-21

Polymer Valley News: Akron Section SPE Newsletter
Delivered via email, stored at <http://www.akronspe.org/newsletter.htm>

Please check ad size wanted. One column is 3-7/8" wide.

This is the 62nd year of the Akron SPE Section and rates are for entire season, September 2020 – Summer 2021. **Payable in Advance. Please let me know if you need an invoice.**

Ad format must be electronic (but we can scan your original artwork). File size should be limited based on the size of the ad ordered. Oversized ads will be charged an additional fee. Acceptable formats are .bmp, .pcx, .jpg, .tif, .gif, or MS PowerPoint or Word (if you have any issues with format, please email us and we can provide assistance). **Color is Free! Color helps your ad stand out!** All ads included in newsletter, email blast (logo) and web site.

Email artwork and this Insertion Order (completed) as an attachment to francis@neo.rr.com

If you don't include your email address, we have no way of sending you each issue!

(please X)	Ad Size	Dimensions	Price for year
	Business Card	One column by 2" high	\$100
	Double	One column, 2 to 4" high	\$150
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	Half Page	One column, 10" high	\$250
	Half Page	Page width (7.5"), 5" high	\$250
	Hotlink to company website	N/A	No Charge

The cost on a per issue basis will be calculated by dividing the "Year" price by 10

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Name: _____
Address: _____

Phone #: _____
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Mail checks, payable to AKRON SECTION SPE, to:

Akron Section SPE
c/o Gary Taylor
Akron SPE
715 Thelma Drive
Wadsworth, OH 44281

Board Meeting Minutes – May 11, 2020

Call to Order: Meeting called to order at 5:30 PM Zoom

Present: Larry Stanek, Nicole Fraifogl, Gary Taylor, John Fellenstein, Joe Mattingly, Bob Wegelin, Kevin Malpass, David Schultz, Dan Jones, Tony Dean and Sherri Makar Hart

Absent: Tom McQuaide, Viv Malpass, Sahil Gupta, Keith Pelfrey, Joshua Seylar and Bob Weiler

Minutes from March

Minutes from March meeting were reviewed and unanimously approved.

President's Remarks

President-Elect for 2020-21 is still needed - Larry offered to serve a second term as President until another board member is able to fill the position. We will proceed as noted a committee of BOD handling ideas, suggestions and set-up for meetings along with Rik Keley.

In addition most IMPORTANT ACTION ITEM- Search for SOCIAL MEDIA HELP!! It will help to make sure SPE and it's activities and meetings are seen and thus bring added attendance to our meetings!!! In process.

Technical Program 2019/20—Larry Stanek

Upcoming programs:

March 9 - speaker from NASA - at Hilton in Fairlawn all details are set lap top and project- Cleveland/Akron and many other different groups-ALL

April meeting - SmartShape tour set-up with Cleveland section -Cancelled

May - Awards banquet set at Firestone Country Club. Follow-up: Larry has requested Speaker suggestions - Goodyear per Joe Mattingly- option Plan A other materials oriented Plan B and Plan C- KSU- Marketing- MBA- Cancelled re COVID 19 issues.

David Schultz- Co-Chair for TPE TOPCON 2020 reports that their event will be Virtual and that we will be touching bases with Intl SPE for Zoom meeting on their capabilities week May 18. Bob Weiler plans to join re Vinyltec- Vinyl Div. plans for E Coast centric meeting scheduled for Oct 2020
WRAP up June 8 planned Picnic gathering of BOD- dependent on COVID 19 issues

House—Gary Taylor/Bob Wegelin

Gary confirmed locations cancelled as set for May Awards at Firestone Country Club. Will inform of planning based on COVID 19 issues.

Gary will cancel Hilton hotel re TPE TOPCON as well AV Group.

Technical Program 2020/21—BOD Committee

Larry informs that he has developed a rough layout of dates and section for the year- need now to fill in with Programs- virtual or in person based on social issues re COVID 19.

Rough layout starts Sept- Cleve- due to TPE TOPCON set for Sept 15-17, Oct. Cleve, Nov –Akron.

Dec- Holiday gathering??, Jan – April-Open

Tony is keeping aligned with Leadership I and II from Intl- lead the way for future.

Suggested we move Aug BOD to early month to align year- planned Aug 10.

Based on idea slate now need to determine format Virtual or in person- subject, company, etc.

BOD needs to start planning for Plan A and Plan B.

Board Meeting Minutes – 5/11 continued

Technical Program 2020/21—BOD Committee - continued

Keith Pelfrey noted U of A Professor doing work on bio-based films.

Joe Mattingly will follow up on options for touring Goodyear, Innovation Center.

Nicole Fraifogl suggested 3-D printing options- potentially for Dec social event at Library- Cuyahoga or Akron.

Taking a tour of University of Akron discussed and possible presenters.

Group discussed benefits of having tours: high participation, lower cost for attendees and profitable for section.

Carry-over ideas that still need to be discussed or omitted:

Advances in Technology and Engineering, try to engage Student Chapter/ PESO, NPIC and local area companies- will discuss opportunities with Cleveland.

Dave Schultz recommended Bio-Med 3-D printing tour- potential for Jan -ACCESS Meeting- to visit week of March 11- On hold.

Hands-on – Engineering oriented meeting, involves students to greater extent and 3D Printing.

Nicole noted a medical potential talk with Cleveland based 3D Heals.

Jeff Hoffman was as well mentioned as potential speaker Innovation and World travel.

Joe Mattingly brought up Extrusion Mini-Conference, Twin-screw and Continuous mixing plus potential for 3D Printing visit.

Americhem tour- Joe Mattingly to check.

AICHE interest in future joint meeting- Dan Jones to handle with Bartev- E Week.

Membership—Nicole Fraifogl

Membership is at 239 members.

Treasurer—Gary Taylor

Gary reported he is up-to-date on financials, finalized review of Expenses through April 2020.

The rebate from SPE National continues to decline.

Science Fair awards handled with Dan Jones.

ANTEC monies for students will be reviewed- attend Virtual?

Gary reviewing new proposal Intl to handle Treasury for Sections- umbrella?

Councilor—Kevin Malpass

There still are a couple of pressing items including checking Leadership lane- renaming positions to streamline and as well new group Sustainability??

Student Chapter—Joshua Seylar

In process of contact since provided support of each student to two students after having approved trips by Advisor.-Virtual attendance?

Public Interest/Website/Newsletter—Tony Dean

Tony reports that he is up to date.

BOD discussed whether to provide free advertising to companies that we tour. Suggested charge in the following year.

Tony wrote short articles for West Side Leader and other papers will try to include contact at ABJ.

Board Meeting Minutes – 5/11 continued

National Awards—Larry Stanek, Keith Pelfrey

Discussed resubmitting nomination of Bob Weiler for Honored Service Member for next year. Utilizing newly found ideas and suggestions after this year's submission. In addition to consider Joe Mattingly for next year.

Section Awards—Keith Pelfrey

BOD reviewed that we would develop an article to run in Newsletter on Hall of Honor winner Bill Bregar- who recently passed away- Tony Dean to handle. In addition we have a plaque for Bill Bregar, we will get it delivered to Frank Esposito at Plastics News

Keith informed the group that Larry has been selected as the recipient of the Zekan award.

Education Committee—John Fellenstein

John confirms we are set with 8 Scholarships for this year some renewals and have now put in place stricter guidelines MUST be polymer, polymer engineering or materials oriented- this with help from Education Foundation.

He received 13 essays from Rootstown MS none from HS- reviewed and determined winners. Motion was made- provide awards as in past – First place, second place and to the Teacher- voted and Approved PlastiVan going very well with two new Educators in US.- Suggested we bring up PlastiVan at Awards Banquet. Cleve Section has two visits set- Great Lakes Science Center- May 1 and Twinsburg- MS May 6th- John will handle- All I am sure on HOLD

Science Fairs:

Jan 25-STEM EXPO (Akron Public Schools) - Nicole and Sherri awarded monies split among four projects that involved plastics.

Science Fairs coming up:

Feb 29 - Goodyear STEM Day HS- Joe Mattingly contact. John will participate as "Professor Polymer".- completed with 350 students attending

Science Fair- Science Olympiad- Volunteers needed- March 14- U of Akron- Contact John Fellenstein- Cancelled

Western Reserve District V- March 21- requested update on Awards- Motion made to provide two Awards HS/MS as seen fit by Judges- Nicole, Sherri and Dave- Nicole to handle funds-voted and Approved – In addition SPE also is already providing a donation for support as in the past - On HOLD Virtual Science Fair in process of development.

WRD 5 was Virtual and developed using STEM Wizard- Dan Jones handled Awards- help from Nicolle, Sherri and Dave.

Education Foundation—Joe Mattingly

Joe reports funds are down re COVID 19 issues and that we still are very conservative very slow to go down but as well slow to recover- will review risk level with Committee and Advisor for Future.

Scholarships - Will aim for \$11k and reassess criteria to closer match bylaws.

Bylaws still under review.

Growth Committee—Kevin Malpass

Kevin reports he plans re forward the planned list that had been developed, work on a couple of Action items, then with those complete re-group and fine tune added items.

Suggested to develop a brochure re Top 20/10 reason to join SPE- Akron for Awards Banquet and as well include Application potential to join Akron Section.

Board Meeting Minutes – 5/11 continued

2020 TPE TOPCON—David Schultz/Gary Taylor

Website has/will be updated to reflect Virtual format- T Dean.

New format- trying to get aligned for Virtual with Sponsorships and Exhibitors plus total review of logistics.

Meeting planned with Intl -May 20 at 11AM- Tony Dean set it up.

Next TOPCON Committee meeting set for 5:30 PM, June 2- Zoom.

Contacts: Co-chairs David Schultz, Bill Blasius (Rogers Corporation) and Homaira Nassem (Alpha Gary).

Tony Dean- Intl Office contact.

ACCESS Update

Review recent past.

Zoom meeting to review remainder of year- Cancelled Presidents and Advisor Meeting set for mid April, plan to have a virtual zoom event to review COMMUNICATION techniques.

E week Banquet took place good turn out- Univ of Akron Engineering showcase with 250-300 attendees included a panel discussion led by dynamic young engineer- Jade Reese. Need ideas for format as Reminder - E- Week- Akron section to host in 2023- still need to have brainstorming- as to Special projects to highlight- PlastiVan outreach, Student Chapter.

Good to Know- Contact has been made via ACCESS with Cleveland Clinic and SPE members have been able to help supply raw materials and contacts to help develop much need PPE in Ohio.

Old Business

None to report.

New Business

Determined we should ad ACCESS to SPE website – Hot Link -Nicole to handle.

Interest in future in hosting a Podcast.

Notes / Follow Up Needed:

Status of new named SPE Akron section scholarship.

Joe recommended BOD meetings provide call-in/remote access for members who cannot attend in-person. Free online meeting services such as ZOOM.

Meeting Adjourned 6:22 PM – Next BOD Meeting set for June 8- Wrap up- Picnic? COVID 19 issues- will regroup and determine meeting??