Polymer Valley News



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

~ Next Session ~

No December Event

We are working on January **a**nd will keep you up to date via our website and emails

Advertising with SPE Akron

The 2020-2021 Newsletter season has begun. We appreciate your support for our Section and welcome your advertisements for this year.

Please see the insertion order request form on page 20 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 all pages of our web site and your logo shown in all our email blasts.

We look forward to working with you in the future!

Click here for extended article on recent TOPCON

– which can be found on the home page of our web site

The Akron SPE Section is happy to post local job openings in the plastics industry for 90 days for any member.

Please contact a board member if you are interested in posting.

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> > Flame Retardants: Chlorez[®] and Paroil[®]

Secondary Plasticizers: Doverguard E-35 Doverguard E-40



Membership Report - 2020

The Akron Section currently has 168 active members.

Month	Active
Jan	253
Feb	252
Mar	
Apr	239
May	
Jun	
Jul	
Aug	230
Sep	172 (change in National tallies)
Oct	171
Nov	168
Dec	

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

Say hello to new members

Greg Cebular, The Technology House Suman Nepal, Student Timothy Shamrock, Custom Etch





SPE National

Please click the following areas of interest:

Contacts at National

Member Benefits Join SPE

Akron Section











2021 Scholarship Program Information



Background

The purpose of the Akron Section of the Society of Plastics Engineers Scholarship Program is to promote Knowledge in polymer science, engineering, and technology.

Started in 1983, it has awarded over \$300,000 to area students. Preference is given to students enrolling in two and four-year programs with a focus on plastics and polymers.

Scholarships of up to \$3000 per year will be awarded and can be used for tuition, books, laboratory fees, and other educational costs necessary to earn certification, associate or baccalaureate degree in preparation for a career in the polymer industry.

Scholarships Available

Goodyear Tire & Rubber Company Rubbermaid Kenneth L Sharp Memorial Scholarship Jim Steiner Memorial Scholarship SPE - Akron Section Special Merit Awards

Names of scholarship recipients will be distributed to donor companies for possible internship or cooperative programs. The number of scholarships awarded per year will vary according to the number of qualifying applicants.

First-time Applicants

Interested students from local high schools, technical, and vocational schools, and area colleges are encouraged to fill out the attached SPE Scholarship Application form, including the essay, references, and current transcript. Students are encouraged to discuss their interests in plastics.

All scholarships are awarded for one year with option for renewal. The awards are for full-time, undergraduate, students only. Co-op students are also eligible

Renewal Applicants

Renewal Instructions:

1. Maintain a minimum **2.5/4.0** grade point average or equivalent.

- 2. Submit grade reports and course selections demonstrating polymer-related curriculum prior to start of next semester.
- 3. Apply for renewal scholarship using SPE application form. (References and essay are not required for renewal.)

Scholarship applications should be

sent to:

Akron SPE Attn: John Fellenstein 250 South Forge Street Akron OH 44325-0301 OR ifellenstein@uakron.edu

Deadline is March 19, 2021

Selection Criteria

- 1. Scholastic Achievement
- 2. Interest in a plastics career
- 3. Extracurricular activities
- 4. Financial need
- 5. Two letters of reference from instructors or supervisors. (to be included with application)

Residence within area covered by Akron SPE

2020 Award Recipients

Rubbermaid Scholarship Walid Abuhashim *University of Akron*

Ken Sharp Memorial Scholarship Christian Jenkins *The University of Akron*

Goodyear Scholarship Steven Prexta *The Ohio State University*

Jim Steiner Memorial Scholarship

Ian Malpass The University of Akron

SPE – Special Merit Scholarships

Tanner Brahler-University of Akron Erin Christian-Ohio State University Emma Harmon- University of Akron Carter Kuwatch-University of Akron Kaila Oberhaus-Ohio State University Victor Vogt- Texas A & M University

2021 Scholarship Application & Renewal Akron Section - Education Foundation

1.	Applicant Name:				
2.	Your Home Address:				
			_Home Phone:		
3.	Your Address at School:				
	City:	_Zip:	School Phone:		
	Your Email address:				
4.					
	Course of Study:				
	Cumulative GPA:				
5.	School/College to be attended:				
	Proposed Course of Study/Major:				
	Expected Degree:		Expected Graduation Year:		
Ne	<u>New Applicants Only</u> , please continue:				

6. Please briefly describe how you intend to finance your education:

- 7. Current and Past School Activities: (attach separate sheet or resume if necessary 1 page only please)_____
- 8. On a separate sheet of paper, type a short discourse (no more than two pages) describing your enthusiasm and interest in pursuing a career in a STEM field that focuses on plastics or polymers (*or another related field*) as well as how your intended field of study will help you achieve your career goals.
- 9. Have two (and only 2) academic references (instructors or supervisors) provide the committee with a letter documenting their insights on your scholastic achievements and potential for future success in a STEM related career. Attach these references to this application.

All applications must include a current transcript.

All Applicants return application by March 19th, 2021 to the following address:

Akron SPE Attn: John Fellenstein 250 S. Forge St Akron, OH 44325-0301

For questions, please contact John Fellenstein, phone: 330-972-6334, or email jfellenstein@uakron.edu



2021 "Wonders of Plastics" Essay Contest

The Akron section of the Society of Plastics Engineers (SPE) is pleased to announce the 2021 "Wonders of Plastics" essay contest.

Plastics in the environment

Plastics usefulness in society

What plastics have done for me

Why the bad reputation of plastics is wrong

Eligibility

The contest is open to all middle/junior high and high school students. The essay must be sponsored by one of the students' teachers.

Prizes

First place high school essay - \$100 First place middle/junior high school essay - \$100

The sponsoring teacher of each winning essay will receive \$25

The winning essays will be printed in the Akron Section's Newsletter.

Topics to consider

Advantages of plastics in food packaging Creative use of recycled plastics How plastics benefit humankind How plastics improve our lifestyle

Submit your Essay to

Polymer Engineering The University of Akron Attn: John Fellenstein 250 S. Forge St Akron, OH 44325-0301

Questions may be directed to the Akron SPE Education Committee, attention: John Fellenstein by phone or email

Tel: 330-972-6334 | **Fax:** 330-972-2624 **Email:** jfellenstein@uakron.edu

Entry must be postmarked by February 28, 2021!

REQUIREMENTS FOR SUBMISSION

General	
Length:	Between 500 and 1,000 words
Format:	Typewritten in English on 8 $\frac{1}{2}$ x 11 paper, title to appear as heading on each page; no name on any page except the entry form that must accompany each essay; 1-inch margins minimum on all sides
Authors: Deadline:	The essay may be written individually or co-authored by two students February 28, 2021 (postmarked)

Organization

The organization structure of the essay should be "logical," including the following considerations:

Introduction:	Optional
Thesis:	Several sentences
Development:	This section should be several paragraphs and should discuss the theme, analyze it, feature informal research about the theme, etc.
Conclusion:	This section should be at least one paragraph in which the author summarizes the ideas presented in the essay

Mechanics

Spelling should be correct; syntax should be readable; punctuation should be conventional. Essay should be free of sentence fragments. Diction (word choice) should be appropriate to the subject and the writer's understanding of the topic. Point of view should be appropriate to the topic/subject and remain constant and consistent. A mixture of first and third person is acceptable if it is appropriate to the voice of the essay. However, the use of second person ("you" either stated directly or implied) will change the "voice" of the essay in a manner damaging to its effectiveness. Footnotes and references must be included when necessary.

Judging

Essays will be judged by a panel. In order to be judged, the essay must meet all the conditions as stated in the organization and mechanics above, with only incidental errors in mechanics. The essay must also meet the assigned minimum length and must be submitted following the prescribed format.

ENTRY FORM

Title:	
By:	
type of	r print
About the author(s) Name(s)	age
	age
Grade in School	
Address(es)	
Phone Number(s)	
E-mail(s)	
About the school School	
Address	
City/State/Zip	
Phone/Fax	
Teacher	
Class	

Submit your Essay to

Polymer Engineering The University of Akron Attn: John Fellenstein 250 S. Forge St Akron, OH 44325-0301

Tel: 330-972-6334 | **Fax:** 330-972-2624 **Email:** jfellenstein@uakron.edu

Entries must be postmarked by February 28, 2021!

<section-header><text><text><text><text>

September 15-16, 2020



TOPCON 2020

Exploring Sustainable Innovation 2020

Thank you!

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Technical Assistance

For technical polymer questions please use the SPE International forum "The Chain"



For local questions please contact the officers at akronspe1@gmail.com

The Akron Section is in need of New Board Members.

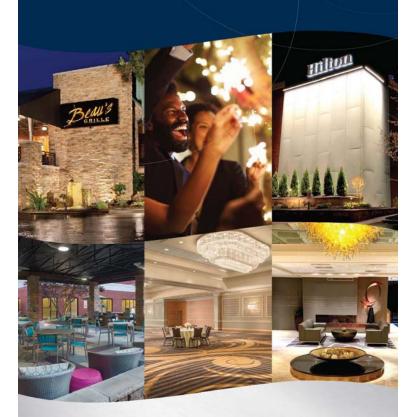
Please consider becoming a Board Member to help support your Section.

Contact anyone currently on the board if you are interested.

Thank You!



LOOKING FORWARD TO WELCOMING YOU BACK SOON!



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Board Meeting Minutes – November 2, 2020

Call to Order: Zoom meeting called to order at 5:30 PM – Host David Schultz for Larry Stanek

Present – Larry Stanek, Gary Taylor, John Fellenstein, Bob Weiler, David Schultz, Tony Dean, Keith Pelfrey, Nicole Fraifogl and Sherri Makar Hart

Absent: Tom McQuaide, Sahil Gupta, Bob Wegelin, Kevin Malpass, Dan Jones, Joe Mattingly and Joshua Seylar

Minutes from Previous Meeting

Minutes from mid October meeting were reviewed and unanimously approved.

President's Remarks

President-Elect for 2020-21 is still needed - Larry is serving 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 and Susan Montgomery -Cleveland. Larry welcomed all for another very interesting year as COVID-19 issues continue. He wished all a safe and healthy year as we continue forward on virtual basis.

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!!!

Technical Program 2020/21—Larry Stanek

Upcoming programs:

We discussed getting a Zoom license and Missi re ACESS informs she may be able to help us with her supplier in Akron area.

BOD discussed ideas for programs for upcoming year. Meeting types were discussed from virtual to in person- being considered. Dan Jones had supplied supporting data Plastics and Environment and Sherri and Larry will review for possible Dec 2020 Virtual meeting.

Other ideas include:

Larry Stanek got in touch with Rik Keley- Cleveland for their status- Dennis Meade informed Cleveland's new President Susan Mongomery will offer help- Zoom meeting set up follow up meeting set for mid -Nov. BOD discussed ideas for programs for upcoming year.

Larry Stanek has made contact with Jeff Hoffman for early year 2021- Virtual meeting around Innovation as a theme.

- Need updates on potential other topics.

- 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.

- Taking a virtual 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.
- Hands-on Engineering oriented meeting, involves students to greater extent and 3D Printing.
- Nicole noted a medical potential talk with Cleveland based 3D Heals.



Board Meeting Minutes – 11/2 continued

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

- 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.

ALL please make contact with your appropriate groups and determine if they have a Virtual format capability. Cleveland- new President-Susan Montgomery- has offered her expertise along with Intl to help run official expanded Zoom meeting.

Special note: Mid Atlantic Rubber and Plastics Group hosted a Virtual format meeting Nov 10- discussion-Tony and Sherri who attended.

DRS sent request to send their meeting to our membership they responded yes no problem wide audience is good.

House—Gary Taylor

No report all Virtual format on plan for this year.

Membership—Nicole Fraifogl

Membership is at 175 members. Need to regroup and make calls to ALL lapsed members- Committee set David Schultz, Keith Pelfrey and Sherri Hart.

Nicole has resent list for Committee to work with to make calls.

Treasurer—Gary Taylor

Gary reported he is up to date on financials, finalized review of Expenses through October 2020. Taxes complete for year- audit in process.

Need to set Budget by mid- November difficult with many changes occurring currently re Covid-19 issues. TPE TOPCON 2020 monies received.

Looking into Paypal or Square for Virtual meetings.

Councilor—Dan Jones

No report.

Student Chapter—Joshua Seylar

No report.

Public Interest/Website/Newsletter—Tony Dean

Tony informs 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 and Sherri developed PR article for publications- TPE TOPCON 2020. The PR article was run in Rubber World – October magazine.

National Awards—Larry Stanek, Keith Pelfrey

Bob Weiler was informed that he received the Honored Service Member Award- A BIG CONGRATULATIONS to Bob well deserved of this Award after many years of service both Vinyl Division and Akron Section- SPE. Target next year to nominate Joe Mattingly.



Board Meeting Minutes – 11/2 continued

Section Awards—Keith Pelfrey

No report. Review shows for May 2020 planned that Larry was been selected as the recipient of the Zekan award.

Education Committee—John Fellenstein

No report.

Education Foundation—Joe Mattingly

Joe requested that BOD consider addition to Educ Fdn for year 2020- plans to regroup and discuss- Dec 2020.

Bylaws still under review.

Growth Committee—Kevin Malpass

Nothing new to report - still very IMPORTANT.

Kevin reports he has forwarded the 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.



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Board Meeting Minutes – 11/2 continued

2020 TPE TOPCON—David Schultz

Virtual conference took place in mid-September with 11 Sponsors that helped to attract attendees. Wrap up meeting convened in late October and we are set for October for TPE 2022. Thanks to ALL for the help: Co-chairs David Schultz, Bill Blasius (Rogers Corporation) and Homaira Nassem (Alpha Gary). Tony Dean- Intl Office contact for year 2020.

ACESS Update

ACESS BOD is still on Virtual Zoom format and no societies are reaching out yet with meetings. Thank you for the two Teacher Grants for year 2020. One set aside for following year.

Old Business

None to report.

New Business

Vinyltec 2020 took place Oct 20-21 in Virtual format- Ron Raleigh – Chair. Conference went very well. 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 inperson. Free online meeting services such as ZOOM.

Meeting Adjourned 6:10 PM

Next BOD meeting set for December 7- Zoom hosted by David Schultz– Covid-19 issues In future may regroup and determine meeting location on site??



Akron Section Past Presidents

61 years of excellence

1959-1960	Donald F. Siddall	1989-1990	Robert C. Wegelin
1960-1961	Milan Krajcik	1990-1991	Geraldine R. Stromquist
1961-1962	Foster J. Young	1991-1992	Spencer Kreiser
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



Akron Section Board of Directors

Larry Stanek ENPAC LLC 440-975-0070 ext 313 T 440-975-0047 F lstanek@enpac.com

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Open

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Gary Taylor Retired 330-419-4380 T taylorgandc@gmail.com Treasurer, House

Dan Jones 330-338-8029 T daniel.h.jones@sbcglobal.net Councilor

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Nicole Fraifogl Past President/Director, Viscus Biologics LLC Membership, 216-744-2740 ext 707 T Website/Social Media nicole.fraifogl@viscusbiologics.com Co-chair

Tom McQuaide Prior Past President/Director LyondellBasell Ind. 330-612-8613 T Tom.McQuaide@LyondellBasell.com

Dr. Mark Soucek Director. U Akron Polymer Eng. Student Chapter Advisor 330-972-2583 T msoucek@uakron.edu

Joshua Seylar Director. Student - U Akron Polymer Eng Student Chapter 865-437-6114 T SPE Liaison jcs201@zips.uakron.edu

Keith Pelfrey Retired 216-315-0966 T kpelfrey@neo.rr.com

Awards

Bob Wegelin Retired 330-414-1498 T robert.wegelin@att.net

Tony Dean Retired 330-929-9916 T francis@neo.rr.com

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Education

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Director, Education Joe Mattingly Goodyear Tire & Rubber Co. 330-208-6913 T joe@mattingly.us

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Kevin Malpass 330-398-9411 T kevin.malpass@gmail.com

Vivian Malpass Tek-Mark International 330-342-1120 T 330-342-1134 F vivian.malpass@tek-mark.com

Robert Weiler Director, Retired VINYLTEC 2019 Co-chair 330-283-9024 T rgweiler@zoominternet.net

Jenny Digiantonio Retired 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/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 held in May each year.

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. 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.

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	Half Page	Page width (7.5"), 5" high	\$250
	Full Page	7.5" wide by 10" high	\$350
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