

Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 64th Year of Education and Service to the Plastics Industry

~ Next Session ~

Monday, January 20, 2022
7:00 p.m.



Joint Societies Meeting

Prof. Zhenan Bao, Stanford University
Skin-Inspired Organic Electronics

See page 2 for speaker biography, abstract and meeting links

Virtual Meeting ONLY The Akron Section of the American Chemical Society and the Akron Council of Engineering and Scientific Societies (ACCESS) will host Zhenan Bao, K.K. Lee Professor in Chemical Engineering at Stanford University, for a virtual meeting on January 20, 2022, 7:00 PM EST.

Registration link:

<https://akronacs.org/events/january-meeting-skin-inspired-organic-electronics/#rsvp-now>

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Joint Societies Meeting

January 20, 2022, 7:00-9:00 PM



Prof. Zhenan Bao, Stanford University

Skin-Inspired Organic Electronics

Skin is the body's largest organ and is responsible for the transduction of a vast amount of information. This conformable, stretchable, self-healable and biodegradable material simultaneously collects signals from external stimuli that translate into information such as pressure, pain, and temperature. The development of electronic materials, inspired by the complexity of this organ is a tremendous, unrealized materials challenge. However, the advent of organic-based electronic materials may offer a potential solution to this longstanding problem. Over the past decade, we have developed materials design concepts to add skin-like functions to organic electronic materials without compromising their electronic properties. These new materials and new devices enabled a range of new applications in medical devices, robotics and wearable electronics. In this talk, I will discuss basic material design concepts for realizing stretchable, self-healable and biodegradable conductive or semiconductive materials. I will show our methods for scalable fabrication of stretchable electronic circuit blocks. Finally, I will show a few examples of applications we are pursuing uniquely enabled by skin-like organic electronics when interfacing with biological systems, such as low-voltage electrical stimulation, high-resolution large area electrophysiology, "morphing electronics" that grows with biological system and genetically targeted chemical assembly - GTCA.

Register at <https://akronacs.org> for an invitation.

Zhenan Bao is Department Chair and K.K. Lee Professor of Chemical Engineering, and by courtesy, Professor of Chemistry and of Material Science and Engineering at Stanford. Bao founded the Stanford Wearable Electronics Initiative (eWEAR), in 2016 and serves as its director; (<https://wearable.su.domains>).

Prior to joining Stanford in 2004, she was a Distinguished Member of Technical Staff in Bell Labs, Lucent Technologies from 1995-2004. She received her Ph.D in Chemistry from the University of Chicago in 1995. She has over 600 refereed publications and over 100 US patents with a Google Scholar H-Index >180. Bao is a member of the National Academy of Engineering, American Academy of Arts and Sciences and National Academy of Inventors. She is a Fellow of MRS, ACS, AAAS, SPIE, ACS PMSE and ACS POLY.



President's Message

Happy New Year!

Hello everyone. It looks to be an other exciting year for the Akron Section. Unfortunately it looks like the pandemic is still affecting our communities, but we have made arrangements so that our members can still participate in our organizations' activities. We have a full calander of technical and member events posted in the newsletter for 2022, and have had several virtual events in 2021. Yes, we are utilizing Microsoft Teams and Zoom tools to bring our membership both virtual and, in some cases, in-person events. We're already meeting, planning and looking ahead to 2022, when we plan to bring another TPE TOPCON event to the Akron area.



I personally want to thank my fellow board members for working tirelessly to continue the Akron Section's leadership in the Society of Plastics Engineer's organization. They have been meeting on a regular basis to bring our membership quality technical and interactive meetings, both virtually and in person. As a board, we are always looking for others who would like to contribute to our success. If your interested in learning more about the organization and like to help contribute to our community, please contact us and we will be happy to discuss the opportunity with you.

I hope your Holidays and New Year are Joyful.

President, Akron Section

Joe Mattingly

330-208-6913

joe@mattingly.us

SPE National

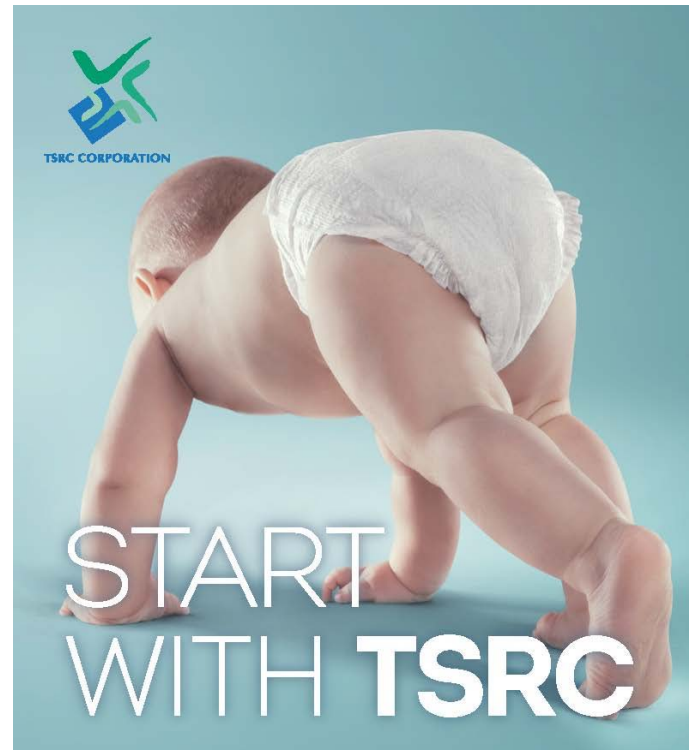
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Email: chris.ricklic@doverchem.com

Board Meeting Dates:

January 3, 2022

February 7, 2022

March 7, 2022

April 4, 2022

May 2, 2022

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!

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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.

Programs for 2021/2022

- Oct. 21 **Team NEO – Jay Foran, Sr. VP**
Additive Manufacturing Cluster
-- *Virtual - Cleveland **
- Nov. 3-4 **AMI's Compounding World Expo**
Huntington Convention Center
Cleveland and Akron Sections will have a tabletop. PLEASE stop by and network with us!
-- *Cleveland **
- Dec. 13 **ENTEC**
Jim Johnson, Director, Commercial Plastics Technology Webinar
-- *Virtual - Akron **
- Jan. 20 **ACCESS – Technical, Tactile Skin for Robots, Prof Zhenan Bao**
7-9 pm
-- *Educational Service Center, Cuyahoga Falls - Akron **
- Feb. TBD **Virtual Plant Tour**
Recycled Plastics 3D Printed
-- *Virtual - Cleveland **
- Feb. 24 **Originally Jan. 20**
9-11 am **Half-day meeting – Sustainability Rocks – Three Speakers, Hosted by M Holland**
-- *Virtual - Cleveland **
- Mar. 14 **Cyber Security - Goodyear**
-- *Hilton Inn Fairlawn - Akron **
- Apr. 11 **Univ. of Akron Laboratory Tour**
Biomimicry
Dr. Dhinojwala
-- *U of A - Akron **
- May 16 **Akron Section Awards Night**
Keynote - Bio Additives
Bob Woloszynek, Goodyear
-- *Raintree Country Club – Akron **
- May 11 **One Day in Person**
Sustainability Rocks
-- *Cuyahoga College - Cleveland **

LOOKING FORWARD TO
WELCOMING YOU
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THERMOPLASTIC ELASTOMERS CONFERENCE

Akron, OH – September 20–22, 2022

*Presented by the Thermoplastic Elastomers Technical Interest Group and
SPE Akron Section*

CALL FOR PAPERS – TPEs Unmasked!

The TPE TIG and Akron Section of SPE invite the submission of abstracts for presentation at the 15th TPE TOPCON 2022.

*Linking the needs of today with
the technology of the future.*

Focused segments on TPE include:

- Current Trends in Markets and Technology
- Material Innovation and New Application Development
- Process Innovation (Compounding, Extrusion, Molding, 3D Printing)
- Healthcare and Medical
- Automotive and Transportation
- Sustainability

Please submit presentation title, abstract, author/presenter and affiliation to:

Homaira Naseem

homaira.naseem@alphagary.com

(978) 840-2124

Nicholas DeLuca

nicholas.deluca@lubrizol.com

(570) 441-6594

Hoan Tran

hoan.tran@kuraray.com

(281) 224-3205

Abstract Deadline:

February 28, 2022

Completed Presentation Due:

July 15 2022



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TOGETHER WE CAN FORM YOUR FUTURE.

Our members' needs are our passion. We work hard so that we can ensure that everyone has the tools necessary to meet her or his personal & professional goals.

84 countries and 22,500+ members strong, we unite plastics professionals worldwide.

Note: To ensure delivery to your inbox, please add spe@4spe.org to your address book.

Membership Report

The Akron Section currently has 187 active members.

<u>Month</u>	<u>Active</u>
Jan	178
Feb	178
Mar	175
Apr	171
May	176
Jun	175
Jul	174
Aug	172
Sep	171
Oct	185
Nov	187
Dec	

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

New Members
 Ron Eliason, Midland
 Plastics Recruiters
 Moni Mahesh Ghosh,
 Student
 Erin Richards, Omya

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The Chain has moved – it's now SPE Communities

All your favorite places like Tech Talk and Industry Exchange are still available on SPE's new and improved platform! In its place, the new SPE Communities site is open now.

Communities are an ideal way to stay connected with your peers to collaborate, share advice, find solutions and build relationships. Participants can interact with other members, subscribe to posts, see who else is online, receive discussion notifications, connect directly to each other via direct messaging and more. All new discussions should be posted in the new location, old discussions will not be brought over. Get in on the discussions or start a conversation –

[Check it out today!](#)

Tech Talk

This is where professionals from around the world discuss the latest technical issues and innovations in range of marketplaces. Put the knowledge and expertise of thousands of plastics professionals to work for you. Ask a question. Or provide an answer. [Click here.](#)

For technical polymer questions please use the SPE International forum "Tech Talk"

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

Student Chapter

Recently, the student chapter helped its members make it through and celebrate the ending of another semester. A winter party was thrown for the students and staff as a way to relieve some stress before the holidays. It was a great way for the SPE chapter to reconnect with Akron's Polymer Science and Polymer Engineering department as a whole before the end of the year.

From all of us at the student chapter: Let's have a great 2022!



2022 Scholarship Program Information



AKRON

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
jfellenstein@uakron.edu
Deadline is March 22, 2022

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

Kaila Oberhaus

The Ohio State University

Ken Sharp Memorial Scholarship

Christian Jenkins

The University of Akron

Goodyear Scholarship

David Prexta

The University of Akron

Jim Steiner Memorial Scholarship

Ian Malpass

The Ohio State University

SPE – Special Merit Scholarships

Erin Christian-*Ohio State University*

Carter Kuwatch-*University of Akron*

Victor Vogt- *Texas A & M University*



AKRON

2022 "Wonders of Plastics" Essay Contest

The Akron section of the Society of Plastics Engineers (SPE) is pleased to announce the 2022 "Wonders of Plastics" essay contest.

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

Plastics in the environment

Plastics usefulness in society

What plastics have done for me

Why the bad reputation of plastics is wrong

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, 2022!

REQUIREMENTS FOR SUBMISSION

General

Length:	Between 500 and 1,000 words
Format:	Typewritten in English on 8 ½ 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:	The essay may be written individually or co-authored by two students
Deadline:	February 28, 2022 (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 or 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

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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, 2022!



2021 Scholarship Application & Renewal Akron Section - Education Foundation

1. Applicant Name: _____
2. Your Home Address: _____
City: _____ Zip: _____ Home Phone: _____
3. Your Address at School: _____
City: _____ Zip: _____ School Phone: _____
Your Email address: _____
4. Current School: _____
Course of Study: _____
Cumulative GPA: _____
5. School/College to be attended: _____
Proposed Course of Study/Major: _____
Expected Degree: _____ Expected Graduation Year: _____

New Applicants Only, 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 22nd 2022 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

Board Meeting Minutes – December 6, 2021

Call to Order: In person at University of Akron!! Meeting called to order at 5:30 PM

Present: Joe Mattingly, Stephen Riley, Joshua Seylar, John Fellenstein, Robert Weiler, Dan Jones and Kathy Perevosnik

Teams connected: Tony Dean, Sherri Makar Hart, Kevin Malpass, Dave Schultz and Keith Pelfrey

Absent: Sahil Gupta, Larry Stanek, Bob Wegelin and Nicole Fraifogl

Notes:

Tony Dean was acting secretary.

Kathy Perevosnik has joined our BOD-Kathy was a BOD member in the past. She has also been involved with International SPE- Welcome!

Minutes from Previous Meeting

Minutes from Nov 1 were reviewed and approved.

President's Remarks

None.

Technical Program 2021/22—Larry Stanek / David Schultz

- December 13, 2021 virtual meeting has been set up.
- January 20, 2022 meeting is a joint meeting SPE with ACS. Meeting is virtual and ACS wants everyone to sign up beforehand and give contact information. Meeting starts at 7 pm.
- Cleveland SPE will have a meeting on January 20 from 9 am to noon- details soon.
- February meeting will be a virtual tour of Recycling Center that creates material for 3D Printing in Columbus. Susan Montgomery of the Cleveland Section is setting this program up.
- March 14 meeting will be at Hilton-Fairlawn. Speaker from Goodyear will speak on cybersecurity.
- April 11 meeting will be tour of Akron Univ. Polymer Engineering Laboratories- Biomimicry Labs
- May 16 meeting will be Awards Night probably at Raintree Country Club.
- Cleveland Section is organizing a meeting sometime in May date TBD, topic is sustainability, planned in person.

Treasurer

Board voted to approve Robert Weiler as new treasurer. Have collected past files from Cathy Taylor.

Digital Projector

Missing -Dave Schultz trying to locate. Suggestion made to purchase a new projector as it is costly to rent per meeting at hotels.

Membership—Kevin Malpass

Active members that have renewed: 187; Lapsed members that need to renew: 19; Three new members (2 professional and 1 student)

Growth Committee—Kevin Malpass

Kevin requested three suggestions from each board member. Kevin has requested for ways to grow membership, BOD and Committee members plus lapsed member review. In addition need to make contact with local companies.

Board Meeting Minutes – 12/6 continued

House

Board approved Robert Weiler. Dave Schultz has passed Gary Taylor's files on House.

Councilor—Dan Jones

No report.

Student Chapter—Stephen Riley

Stephen Riley reported that the student chapter will hold its annual banquet on January 14. Everyone is invited. Dress is Semi-formal. An e-mail will be sent out shortly with details.

Advertising—Tony Dean

Tony reported a new advertiser, TSRC Specialty Materials.

We now have 10 paid advertisers.

Public Interest/Website—Tony Dean

- Starting to redo Membership Booth.

- Had Jenny create Calling Cards. She will print at no cost. Board suggested a QR Code on back. Redesign and get to SPE Int'l for approval.

- Got artwork for banner and membership benefits roll-up. Gave to John Fellenstein.

- Helped develop TPE TOPCON Call for Papers announcement. Now on our website and will be in our newsletter.

Newsletter—Sherri Makar Hart

Sherri requests for Jenny any news items as well as meeting information.

National Awards—Keith Pelfrey

Bob Weiler is our most recent Honored Service Member - we should try to determine if we have others in ASPE to develop an application for this award. Need ideas presented for Hall of Honor and Zekan for this year.

Section Awards—Keith Pelfrey

Keith suggested a special award for Gary Taylor.

Education Committee—John Fellenstein

John said that he would be going down to Atlanta, Georgia with the Plastivan and talking to students at local schools. The Blow Molding division is sponsoring this effort.

Education Foundation—David Schultz/Joe Mattingly

Joe reported that fund continues to do well.

All the outstanding scholarship checks have been cashed.

2022 TPE TOPCON—David Schultz

Akron set to host TPE TOPCON for September 20-22, 2022 - planned onsite with a virtual option.

Vinyltec 2023

No report.

Board Meeting Minutes – 12/6 continued

ACCESS Update

Joint meeting set for January 20 and BOD has met Virtually to date.

Old Business

None to report.

New Business

We have a group of interested contacts from AMI Conf that have shown interest to join our ASPE BOD- hope to engage them soon.

	• Volumetric, Gravimetric, Belt & Screw Feeders		• Explosion Mitigation & Prevention Equipment for Combustible Dust
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	• Densephase Pneumatic Conveying		• Vibratory Feeders • Bin Activators
 www.davidindustrialsales.com Akron: (330) 659-3157 Perrysburg: (419) 874-1359			

Meeting Adjourned at 6:46 PM. Next BOD meeting 5:30 PM Jan 3 at PEAC and Virtual Teams

Happy Holidays to ALL!

GERALD W. TAYLOR, AKRON PRESIDENT AND SECTION STALWART

Gary Taylor was an Akron Section member for more than 30 years. He served as president from 1999 to 2000 and spent many years on the executive board, the Education Foundation board, and helping to run the Section's annual TopCon seminar conference. During that period, he devoted a considerable amount of time and energy in helping to build Akron into what many members consider to be one of the premier sections of SPE.

Taylor, a life-long Ohio resident, passed away on Oct. 2 from idiopathic pulmonary fibrosis. He was 70.

Taylor joined the Akron Section in 1991, the same time as Joe Mattingly, current president of the organization and an executive with Goodyear Tire & Rubber Co. "He mostly supported our section in the role of treasurer and house chair; probably since 2008 as treasurer, and house chair in the past 3 or 4 years," Mattingly recalls.

Taylor made many efforts on behalf of the Akron Section, which

were recognized in 2001, when he received the William C. Zekan Memorial Service Award. The honor, named after a past president of the Section, is given annually to the member who demonstrates longevity of service in the industry and to the Akron Section, and who makes a personal sacrifice of time. The award recognizes innovative efforts and ideas, the garnering of national recognition for the Section, and service over and above that required of the position held.

"He was not only a member of our board but of the Akron SPE Education Foundation board," Mattingly says. "We have a separate committee that puts on the TopCon [Topical Conference] seminars. Gary was a member of that group for years and years. It's a main money maker for our section and helps generate funds for our education foundation and other activities we support through SPE."

Mattingly remembers Taylor as being "very open and honest with his opinion of what we should do with

our money and supporting our charities and promotion of the SPE." He could also see where a change in procedure was necessary. "As part of his work as treasurer he converted our payments to electronic payments and modernized our accounting system," Mattingly adds.

Taylor was born on Dec. 20, 1950, in Ravenna, Ohio. He spent more than 30 years in plastics at Myers Industries of Akron, a manufacturer of polymer material-handling products and other goods. He retired from there in 2014 after serving as an engineer and plant manager.

Taylor is survived by his wife, Cathy, four children, 13 grandchildren and seven great-grandchildren. In lieu of flowers, the family suggests that donations be made to the Idiopathic Pulmonary Fibrosis Foundation of



Gerald W. "Gary" Taylor

Estero, Fla., or to St. John's Health Foundation of Jackson, Wyo.

"He was a stalwart member of our board—always present, always participating," Mattingly remarks. "He loved his work with the organization."

Akron Section Past Presidents

*62 years of
excellence*

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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.
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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



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