

# SPRING 2023 Newsletter

## **IN THIS ISSUE**

PG<sub>2</sub>

**President's Message** 

PG 3

**Section Leadership** 

**PG 4-5** 

Education

**PG 6-7** 

**Events, Golf Outing** 

**PG 8** 

**Research Opportunity** 

PG 9-11

**Student Chapter** 

**PG 14** 

**Local Plastics In the News** 

PG 15-19

**Scholarships** 





# PRESIDENT'S MESSAGE

Hello NWPA SPE Members and Guests,

Six more weeks of winter so says "Phil", sounds like an early spring here in NWPA. So that must mean the golfing season is coming soon. Our section is having its annual golf outing again at Whispering Woods on August 10<sup>th</sup> so mark your calendars.

The Chapter had a wonderful social meeting at Altered State Distillery at Greengarden and West 8<sup>th</sup> Street on February 15<sup>th</sup>. We were very happy to welcome Rik Keeley from the Cleveland Section leadership to discuss future joint meetings and events.

We are always looking for good technical meetings, if you have any suggestions, please let me or any board member know your thoughts.

Bruce Buchman

**NWPA SPE President 22-23** 

Look for your local NWPA SPE at the
Innovation and Emerging Plastics
Technologies Conference
June 21-22, 2023 at Penn State Behrend

Did you know?

NWPA SPE has 191 members:

7 Emeritas

83 Professional

53 Student

48 Young Professional



## NWPA SPE BOARD OF DIRECTORS

President/Chair

**Bruce Buchman** 

Allegheny Machinery Group

bbuchman36@gmail.com

**President Elect** 

**OPEN** 

Secretary:

Michelle Hartman

Penn State Erie

maw179@psu.edu

**Treasurer:** 

Jennifer Schmidt

**Beaumont Technologies** 

Jschmidt@beaumontinc.com

Councilor: Brian Young

**Brian Young** 

Penn State Erie

bay101@psu.edu

**Past President:** 

Lucy Lenhardt

AIM Institute

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**Membership Chair:** 

**Brian Young** 

Penn State Erie

bay101@psu.edu

**Tech Program Chair:** 

Lynzie Nebel

Cytiva

lynzie.nebel@gmail.com

**Special Events Chair:** 

Don McMillen

**Engineered Plastics** 

dm@engineeredplastics.com

**Social Network Chair:** 

Lynzie Nebel

Cytiva

lynzie.nebel@gmail.com

**Scholarship Chair:** 

**Danielle Bentley** 

**Plastikos** 

dlw5209@gmail.com

**Education Chair:** 

Gamini Mendis

Penn State Erie

gmendis@psu.edu

Member:

**Richard Deeter** 

**Deeter Tool** 

deeter2@verizon.net

Member:

Mike Misco

**Shell Chemical** 

Michael.Misco@shell.com

Member:

Elliot Carnevale

**Shell Chemical** 

Elliot.Carnevale@shell.com

Member:

Molly Joyce

**Plastikos** 

mjoyce@plastikoserie.com

Member:

Ashlev Puder

Trucklite

apuder@truck-lite.com

Member:

Shelly Czulewicz

**Encore Plastics** 

Shellyandme58@gmail.com

Student Chapter Rep:

Nicholas Mabie

Ngm5234@psu.edu

If you are interested in joining the leadership of the NWPA SPE, please contact any one of the board members listed here.



## FREE EDUCATIONAL OPPORTUNITIES IN PLASTICS

#### PLASTCHICKS PODCAST



#### About PlastChicks

PlastChicks — The Voices of Resin! A plastics podcast hosted by Lynzie Nebel and Mercedes Landazuri, discussing popular plastics topics and the people inspiring the industry! Tune in every month on your favorite podcast directory for a new episode of PlastChicks featuring a guest interviews. This podcast is sponsored by SPE-Inspiring Plastics Professionals.

#### PLASTICS AND BEYOND PODCAST



#### **About Plastics and Beyond Podcast**

The Plastics and Beyond Podcast is an SPE Podcast hosted by Lilian Judy and curated to discuss diversity, equity and inclusion in the manufacturing industry. This Podcast is designed to provide in-depth conversations around inclusion in the plastics industry, while exploring the trials, tribulations and discrimination underrepresented groups have had to overcome and are still facing. With the aim to empower and recognize underrepresented groups, our philosophy is to envision an inclusive world and take action to make the world a better place. If you're aiming to take the next step, listen to discover a new plastically inclusive perspective today. Tune in every month for new DEI-verse conversations.



Join here: 4spe.org

SPE Live Webinars series is one of the many great benefits you get with SPE. It offers members free education training and insight. Subjects differ widely and include all areas of tooling, processing, design, engineering, management, equipment.....you name it!

## ANTEC 2023 PROGRAM IS READY!



MARCH 27-30 in DENVER COLORADO https://www.4spe.org

## FREE EDUCATIONAL OPPORTUNITIES IN PLASTICS

Plastics Technology Magazine and PTonline.com offer informational webinars with the tagline "Log On and Learn ... For Free".

#### Redefine Resin Drying with Automatic **Resin Input Moisture Integration**

Thursday, February 23rd @2:00 PM ET

PRESENTED BY:





Learn how you can stop the insanity of timebased drying and for the first time ever enable smart drying based on resin moisture. With Novatec's introduction of the Drying Genie. your dryer will know the exact moisture of the

pellets prior to drying. Automatically adjust to control dewpoint, blower speeds, temperatures and most importantly residence/ drying time so the resin is dried to the prescribed moisture level in the shortest possible time with no operator intervention.

PRESENTER: Mark Haynie, Dryer Product Manager | Novatec



REGISTER AT: short.ptonline.com/Novatec-0223

### 2023: The Year Machines Will Take Over Molding

Wednesday, March 8th @2:00 PM ET

PRESENTED BY:





The presentation will cover a variety of iQ software modules that support the operator in achieving a more repeatable process, resulting in better part quality and reduced wear and tear on the entire molding cell.

PRESENTERS: Joachim Kragl—Director of Advanced Molding Systems and Processing | Engel; Lukas Neunzig — Plastics Application Engineer | Engel



REGISTER AT: short.ptonline.com/Engel-0308

### How to Implement an Easy-to-Follow Purge Program and Stop Wasting Money

Wednesday, March 1st @11:00 AM ET

PRESENTED BY:





Asaclean will teach you ways to solve six common processing issues and will walk you through what to expect when you decide to implement a purge program. Our purging expert will explain different tangible ways

purging compounds can improve efficiency and will discuss several customer examples of how purge programs helped them reduce costs.

PRESENTER: Chris Melchiore, Business Development Manager | Asaclean Purging Compounds



REGISTER AT: short.ptonline.com/Asaclean-0301

### **Cost-Cutting Strategies to Make Your Molding Operation More Profitable**

Thursday, March 9th @2:00 PM ET

PRESENTED BY:





As business conditions soften, processors need to focus more on controlling costs to hold the bottom line. In this webinar, industry veterans at General Polymers will show you how to do iust that. Learn tips you can put to use now to cut costs in injection molding in a presenta-

tion covering machine uptime, materials selection and usage, processing and more.

PRESENTER: Scott Knoop | K1 Engineering



REGISTER AT: short.ptonline.com/GP-0309

## **OUR RECENT EVENTS:**

Some of the crowd that came to the NWPA SPE SOCIAL @ ALTERED STATED DISTILLERY for a post-Valentines get-together on Feb 15th.



The MCKEAN TAVERN was the sight of our last social for Fall 2023. Many dedicated NWPA SPE members and friends braved the cold November weather to come out and enjoy some camaraderie and plastic talk.





UP NEXT: March Social, April Technical Speaker, possible Plant Tour

## 2023 NWPA SPE GOLF OUTING

2023 NWPA SPE GOLF OUTING

WHISPERING WOODS GOLF CLUB

THURSDAY AUGUST 10, 2023

REGISTRATION AT 10:00AM, GOLF AT 11:00AM



Please consider becoming a sponsor of the Golf Outing!

Tee or Hole Sponsor—Gift Sponsor—Raffle Sponsor

Contact Don McMillen at dm@engineeredplastics.com





# NWPA SPE = RESEARCH

#### RESEARCH FUNDING OPPORTUNITY FOR NWPA MEMBERS



NWPA SPE is offering our membership the opportunity to access student research at no cost. Behrend Senior Research Projects are designed to give upper-class students 12-18 months to research a topic of interest to your company. The timeline typically includes a 3-semester progression where students will perform a literature review relevant to their project topic, perform design and testing, and compile a final report. The students interface with project sponsors at whatever level is required, generally via regular meetings. Sponsoring a senior design project is a low-cost and low risk way to investigate those backburner projects you never seem to have the time or resources to get done.

NWPA SPE will fund up to three research projects for our members to work with Plastics Engineering Technology students at Penn State Behrend. Projects can be in any plastics related area such as materials, processing, design, compounding, product development and more.

All submissions must be submitted by a member of the NWPA Section of SPE who is going to act as the primary contact. Project Sponsors are responsible for providing detailed instruction on expectations and deliverables and provide regular feedback and guidance to their student group. Senior project applications normally have a fee assessed with them. However, for the three winning SPE member projects , NWPA SPE will pay the application fee. NWPA SPE will not cover the NDA fee for sponsored projects.

To apply, submit a brief outline/proposal of your project idea to <a href="mailto:nwpa.spe@gmail.com">nwpa.spe@gmail.com</a>, along with your contact information. You may be contacted to discuss the merits of your project idea. Project submissions

are taken on a rolling cycle, so they will be reviewed as soon as they are submitted, and will no longer be accepted after August 4, 2023 or once three have been accepted and approved by the school.

If your project is accepted, you will be notified and responsible for completing a formal application through the school website. Projects can plan to start in September 2023 with expected completion in 2025.



## NWPA SPE STUDENT CHAPTER

A note from the Penn State Behrend NWPA SPE student chapter President:

As a senior graduating in May majoring in plastics, I would like to leave behind values that set the plastics program at Penn State Behrend above all others. The members of the SPE student chapter club are working hard to build sustainability efforts, plastics recycling, and outreach efforts to build education and reputation.

This past fall, the Plastics Failure Analysis class took a field trip to Shades Beach in Harborcreek to collect plastic waste and "nurdles" in September. It was an eye-opening experience that was able to provide inspiration for future recycling endeavors. In December, the plastic students took designs for mini racing cars from local elementary students and 3-D printed them into reality. The elementary students took a field trip to Behrend and raced the cars of their own design with the help of the students and facilities available at Behrend. The Behrend SPE student chapter decided to close a successful semester with a get together at John's Wildwood Pizza.

Plans for the current semester include the annual Plastics Engineering Technology clothing fundraiser. The funds will be used to create opportunity and expand the growing club efforts. Guest speakers are being invited to provide insight to students on the many different roles within the plastic industry. Trips to local plastics facilities are currently being planned to give the students exposure to larger scale tooling and production. The semester wouldn't be complete without a final farewell social for the Behrend SPE student chapter before departing from my time at Behrend.

Overall, it has been my pleasure seeing the growth of the Plastics Club at Behrend. My goal is to keep this momentum going while instilling values every successful engineer needs to possess. I look forward to the continued of success of the SPE student chapter after my departure.

2023 SPE Student Chapter President,

Nick Mabie





# **NWPA SPE STUDENT CHAPTER**

Plastics Failure Analysis class at Shades Beach in Harborcreek to collect plastic waste and "nurdles".







## STUDENT CHAPTER CO-OP

#### Emelia Graham is currently at Tesla in Fremont, California

I'm a Penn State Behrend Student majoring in Plastics Engineering Technology and I started my co-op during Fall of my senior year at Tesla in Fremont, California. I was a Supplier Industrialization Engineering (SIE) Intern for the Interiors and Seating team. The following spring semester, I extended my co-op as an SIE Intern for the Energy and Plastics team, where I will continue until the end of the summer. Accepting the offer at Tesla was the easy part, but logistically, it came with several challenges. For instance, I needed to relocate across the country, away from my friends and family. Having never been to the west coast, I took this opportunity to drive through parts of the United States I had not seen before. Taking internships and co-ops provides you with opportunities to see and experience places you wouldn't normally get to see.

Another challenge was the need to extend my graduation. Most people would think a decision to take time off from school for a co-op is counterintuitive since there is a preconceived notion that students must finish college within 4 years. Quite frankly, that doesn't happen for the majority of college students. Some students want to take extra classes or get a minor, others switch majors or work part time while getting their education. Regardless of the reason, there is no right or wrong path to take. So, when the opportunity arose for a co-op to gain industry experience at a company I have always dreamed about, there was no hesitation. I have always admired Tesla's mission to accelerate the world's transition to sustainable

energy, so I felt the experience from such a skilled, innovative, and fast-paced work environment was worth extending my graduation.

Typically, interns are not given this level of responsibility but at Tesla, interns are given projects that are directly impacting the products coming off the line. As an SIE Intern, I work with suppliers globally on a daily basis to drive corrective actions on quality issues, kick off tooling for new parts and programs, review Production Part Approval Process (PPAP) documentation, review part designs for manufacturability, and establish specifications for parts and processes. I've had opportunities to meet new people, and work with the engineering and design quality teams. I've also had the opportunity to travel to the east coast for supplier visits to see their manufacturing processes up close and connect with people in-person whom I would normally communicate with virtually. It's rewarding to apply my knowledge of injection molding, blow molding, and thermoforming to the parts I work on. No matter what internships or co-ops I have had, my coursework has always been applicable.



The Penn State Plastics program has exceeded my expectations and given me so many opportunities. Penn State's professors, advisors and courses have been invaluable in helping me with my future career path. Most people will tell you that 10% of what you learn in school will actually be applicable to your job, and that the remaining 90% will be from on-the-job learning. I have had two summer internships and now this Tesla co-op, and while I do agree that a lot of what you learn is on-the plot, I have been able to use so much more of my schooling in my co-op and internships than I anticipated. This is due in part to the fact that the plastics program gives students hands-on experience from the get-go. You dive right into classes and labs to learn about injection molding machines, plastics part design, and the different types of polymers and their intermolecular structures. The comprehensive coursework helps students achieve technical expertise in the everadvancing industry of plastics.

My experience at Tesla has been unforgettable. Penn State and the Plastics program have prepared me well.

I would definitely encourage students to pursue co-ops or internships and forge their own path. Don't be afraid to be bold and take advantage of exciting opportunities

## spe INSPIRING PLASTICS PROFESSIONALS



## Northwestern Pennsylvania Section Society of Plastics Engineers

## COMMUNICATIONS INTERNSHIP

## 2023-2024 ACADEMIC YEAR

#### What we do:

Outreach events

Plastics engineering training

Technical speaker series

Plant tours

Industry networking

Research sponsorship

## Job Responsibilities

Website development

Newsletter

Social networking

Photographer for special events

Paid internship Stipend/Scholarship

## Apply today!

## Qualifications

Communications major

Experience in website design

Experience with Publisher

Email your resume to:

Nwpa.spe@gmail.com





## LOCAL PLASTICS IN THE NEWS



Matrix Tool was honored recently in Plastics Technology magazine and online at ptonline with an article about 50 years of the family business and the three generations of the Lewis family. Patriarch Dave Lewis is a past President of NWPA SPE and the family and company are long-time supporters. https://www.ptonline.com/articles/matrix-tool-welcome-to-the-family



NWPA SPE fundraising efforts allowed us to sponsor the Plastivan to come to local schools this past year. Exposure to the positive benefits of plastics helps support the future of our industry.



PLASTIVAN®: CHANGING THE PERCEPTION OF PLASTICS ONE CLASSROOM AT A TIME

# STUDENT CHAPTER SCHOLARSHIPS





My name is Troy Johnson, and I just finished the first semester of my junior year at Penn State Behrend. I am majoring in Plastics Engineering Technology, and I hope to pursue a minor in Operation and Supply Chain Management. After graduation, I plan to continue my career as a process engineer, and potentially go back to school for my master's degree in Business Management. In January, I will be participating in a co-op with ARC Group Worldwide in Colorado to further my knowledge and gain experience in metal injection molding. I am very grateful to be a recipient of the SPE Student Chapter Scholarship. This scholarship will be

used to lighten my financial burden, which will allow me to focus on the more important aspects of school. Thank you for helping me be able to achieve my goals.

My name is Myranda Findlay, and I am from Cambridge Springs, PA. I am majoring in Plastics Engineering Technology at Penn State Behrend. I am currently gaining experience in the plastics industry through an internship at a local injection molding company. enjoy staying active outdoors by hiking and bike riding. My goal is to continue to learn and acquire skills through internships and my time in college, and eventually find my dream job in the plastics industry.

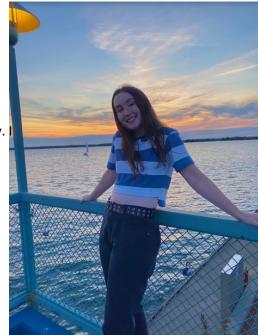


My name is Colin Ryan, I am in my junior year of the Plastics Engineering Technology program at Penn State Behrend. I enjoy plastics processing as well as instructing workshops in the injection molding lab. Working toward a greener future in the industry and reducing waste is very important

to me. My career goal is to be able to create and implement sustainable solutions to realworld problems.

I'd like to thank the NWPA SPE section for the Member's scholarship. I really appreciate your support! On August 22nd I will be starting at Penn State University Park. I plan on studying Nutritional Science with a goal of becoming a certified dietician. Although

my dad couldn't talk me into the plastics program at Behrend, I'm sure that I will be using lots of plastics in my science labs. Thanks again! Samantha Johnson







## NWPA SOCIETY OF PLASTICS ENGINEERS MEMBER'S SCHOLARSHIP APPLICATION



The Northwestern Pennsylvania Section S12 of the Society of Plastics Engineers is pleased to announce the NWPA SPE MEMBER'S SCHOLARSHIP. This scholarship is intended to reward outstanding students with a one-time monetary donation up to \$1000 to be used to further their education. This Award is available only to NWPA SPE member's children or grandchildren who are planning to or currently attend college or secondary education trade school. The application deadline is July 31, 2023. If you, or a local SPE member you know, has a qualifying child or grandchild, we encourage you to apply.

Applications and further information are available on-line at https://nwpa.4spe.org/

# NWPA SOCIETY OF PLASTICS ENGINEERS [S12] MEMBER'S SCHOLARSHIP RULES AND GUIDELINES

- Eligible applicants are child/grandchild dependents of current NWPA SPE members, who
  are in or planning to attend college or secondary trade school.
- This award is a one-time monetary donation, up to \$1000, to be used for college costs.
- 3. This award will be paid directly to the school of choice, with proven acceptance.
- Application selection is by a NWPA SPE Board of Directors sub-committee. No Board member with eligible applicants will be allowed to serve on this sub-committee.
- Application criteria include:
  - Child or grandchild of a NWPA SPE member in good standing
  - Student GPA of 2.5 or greater and a brief written essay
  - Student's participation in curricular and extra-curricular activities
  - Sponsoring member's years of SPE membership
- To apply, submit the following items by July 31, 2023:
  - ✓ Completed and signed award application
  - ✓ School transcripts
  - ✓ Short supporting essay detailing your future plans and goals (~500 words or less)
  - ✓ Copy of Letter of Acceptance from College/trade school
- Applications are to be submitted to the NWPA SPE c/o:

Danielle Bentley, NWPA SPE Scholarship Chair

8121 Hawthorne Drive

Erie, PA 16509

Or via email to: dlw5209@gmail.com

In the event that there are no eligible applicants for the scholarship, the NWPA SPE Board reserves the right to withhold the monies to be awarded at a later date.





## NWPA SOCIETY OF PLASTICS ENGINEERS MEMBER'S SCHOLARSHIP APPLICATION

The Northwestern Pennsylvania Member's Scholarship is intended to reward outstanding students with a one-time monetary donation up to \$1000 to be used to further their education. This Award is available only to NWPA SPE member's children or grandchildren who are planning to or currently attend college or secondary education trade school. The application deadline is July 31, 2023.

1.	Name of Applicant:	Phone:	
2.	Home Address:		
3.	Email:	GPA/4.0:	
4.	High School Attended:		
5.	High School Address:		
6.	List Extracurricular Activities/Honors/Awards (clubs, sports, volunteering):		
7.	College or Trade School you plan to attend:		
8.	College address & phone:		
9.	Expected Start Date: Exp	ected Graduation Date:	
10.	Transcript: Attach a copy of your high school or college transcripts.		
11.	<ol> <li>Essay: Attach a short (500 words or less) essay detailing your future plans and goals.</li> </ol>		
12.	2. Letter: Attach a copy of your Letter of Acceptance from the college/trade school, if available.		
13.	3. Signature of Applicant		
14.	4. Name of NWPA SPE Member:		

Please return this application along with your attachments by JULY 31, 2023 to:

Danielle Bentley, NWPA SPE Scholarship Chair

8121 Hawthorne Drive Erie, PA 16509

Or via email to: dlw5209@gmail.com



This scholarship application is also available to download from our website at www.nwpa.4spe.org.



#### NWPA SOCIETY OF PLASTICS ENGINEERS SECTION SCHOLARSHIP APPLICATION



The Northwestern Pennsylvania Section S12 of the Society of Plastics Engineers is pleased to announce the NWPA SPE SECTION SCHOLARSHIP. This scholarship is intended to reward outstanding high school students planning to attend an accredited Plastics Program such as Plastics Engineering Technology, Plastics Engineering, Materials or Polymer Science. Other disciplines may be considered based on their relationship to SPE and the Plastics Industry. This is a one-time monetary award of up to \$500. One award will be given in each of our three service area counties: Erie, Crawford and Warren County, PA. The application deadline is JUNE 2, 2023.

Applications and further information are available on-line at https://nwpa.4spe.org/

#### RULES AND GUIDELINES

- Eligible applicants are in their senior year of high school and planning to attend an
  accredited Plastics Program or acceptable related discipline.
- This is a one-time monetary award, up to \$500, to be used for college expenses.
- This award will be paid directly to the college of choice, with proven acceptance.
- Application selection is by a NWPA SPE Board of Directors sub-committee. No Board member with eligible applicants will be allowed to serve on this sub-committee.
- Application criteria include:
  - Senior standing, attending High School in Erie, Crawford or Warren County, PA
  - Accredited Plastics/Plastics related field of study
  - Student GPA of 2.5 or greater and a brief written essay of future plans and goals
  - Student's participation in curricular and extra-curricular activities
- 6. To apply, submit the following items by JUNE 2, 2023:
  - ✓ Completed and signed award application
  - ✓ Copy of high school transcripts
  - ✓ Supporting essay detailing your future plans and goals
  - ✓ Copy of Letter of Acceptance from College
  - ✓ Student resume, if available
- Applications are to be submitted to the NWPA SPE c/o:

Danielle Bentley, NWPA SPE Scholarship Chair Dlw5209@gmail.com

In the event that there are no eligible applicants for the scholarship, the NWPA SPE Board reserves the right to withhold the monies to be awarded at a later date.



#### NWPA SOCIETY OF PLASTICS ENGINEERS SECTION SCHOLARSHIP APPLICATION 2023

The Northwestern Pennsylvania Section Scholarship is intended to reward outstanding high school students with a one-time monetary donation up to \$500 to be used to further their education. This Award is available to current high school seniors attending high school in Erie, Crawford or Warren County, PA and accepted into an accredited university for Plastics or Plastics related program. Deadline JUNE 2, 2023.

1.	Name of Applicant: Phone:	
2.	Home Address:	
3.	Email:GPA/4.0:	
4.	High School You Now Attend:	
5.	High School Address:	
6.	List Scholastic Awards and Honors:	
7.	List Extracurricular Activities (clubs, sports, volunteering):	
8.	Briefly answer: How did you decide to study Plastics?	
9.	College/University you plan to attend:	
10.	Expected Start Date: Declared Major:	
11.	<ol> <li>Essay: Attach a short (half page) essay detailing your college plans and goals.</li> </ol>	
12.	2. Letter: Attach a copy of your Letter of Acceptance from the college/university.	
13.	Signature of Applicant:	

Please return this application along with your attachments by June 2, 2023 to:

Danielle Bentley, NWPA SPE Scholarship Chair

Dlw5209@gmail.com

This scholarship application is also available to download from our website at <a href="https://www.nwpa.4spe.org">www.nwpa.4spe.org</a>.



# **ANTEC 2023**

I am excited to announce the ANTEC® 2023 Technical Program!

We have 118 top-level speakers from industry and academia. ANTEC is the perfect event where you can learn about the latest technologies and research results. Plus, it is a great networking opportunity!

This year we offer a program based on four topics: Sustainability, Advances in Material and Characterization, Digitalization and Additive Manufacturing, and Polymer Processing and Equimpent. Every topic has several half-day sessions.

Please, visit our webpage for the detailed program: https://www.4spe.org/i4a/pages/index.cfm?pageID=8059

See you in Denver!

IVAN LOPEZ, PhD.

#### **ANTEC® 2023 Technical Program Announced!**

ANTEC® 2023, taking place March 27-30, at the Hilton Denver City Center in Denver, CO, features a technical program that includes 18 tracks with over 115 sessions as well as three keynote presentations - all focused on the latest advances in industrial, national laboratory, and academic work.

Are you looking to build your plastics knowledge and take that information back to your projects and processes? Then our ANTEC® 2023 technical program is for you!

#### ANTEC® 2023 Technical Tracks Include:

- Composites, Polymer Modifiers and Additives
- Sustainable Applications
- Extrusion
- Injection Molding (I & II)
- Foams and Thermoplastic Elastomers
- Automotive and Sustainable Transportation
- Medical Plastics
- Additive Manufacturing/3D Printing (I and II)
- Dr. Shaw's Symposium (I and II)
- Polymer Analysis
- Recycling
- Digitalization in Polymer Processing
- Bioplastics and Biocomposites
- Applied Rheology



# CALL FOR BOARD OF DIRECTOR MEMBERS NORTHWESTERN





NWPA SPE welcomes all members with an interest in helping guide the Section to join us at any Board meeting. Come see the process behind the planning and see how you can take an active role in the leadership of our local chapter.

The Board of Directors is comprised of four executive officers and a number of chair positions as well as several general members. They are charged with the oversight and direction of the NWPA SPE Section 12. A brief description of the positions is listed below.

Executive Positions: President; Vice President (Chair-Elect); Past President; Treasurer – financial director

Councilor – liaison between NWPA SPE Section12 and National SPE, attend Council meetings & report.

Secretary – records Section's meeting minutes, verifies all voting, and issues statements from both the executive board and the Board of Directors.

Golf Outing Chair – directs aspects of the Section's annual golf outing.

Social Networking Chair – responsible for the social communications of the Section.

Special Events Chair – responsible for all aspects of special events held by the Section.

Technical Program Chair – establish and suggest a list of possible programs for the year.

Membership Chair – responsible for communication with members, maintaining membership roster and working to advance membership and benefits.

Advertising Chair – establish, recruit and place advertising.

General Board Member/Director – this general member is the perfect starting point for someone who wants to be more involved with the Chapter but might have concerns about leading a committee. General members provide input to specific committees and/or to the Board as a whole. Attend BOD meetings.

Committee work is addressed outside the Board meetings and the amount of work associated with each committee varies greatly. There are usually five Board meetings annually, with each committee reporting back, so you can expect a time commitment of attendance at those meetings, in addition to any committee work, if you choose. We need our members to help us lead this Section.

NWPA SPE is a volunteer organization and cannot fully function without the input of its membership. Please consider nominating a member, or yourself, to join the Board and accepting a nomination made for you. Email nwpa.spe@gmail.com if you can join us in the leadership of this section.

We need our members!