

GREETINGS FROM THE CHAIR



Dear Fellow Medical Plastics Division Members:

Welcome to our 4Q Newsletter!!

This has been a long year and hope everyone is taking necessary precautions to keep themselves and their loved ones safe and healthy.

It is the time of year where we solicit invitation for election to the MPD Board. I would highly encourage members to nominate themselves or someone who may be interested to run for the MPD Board. Please reach out to Vipul Dave (VDave1@its.jnj.com) for more information.

SPE's flagship event, ANTEC 2021 is few months away but preparations are in full swing with MPD Technical Program Committee (TPC) currently reviewing list of technical papers. This year's event will comprise of live and real-time remote over a period of 10 days from March 29 to April 9, 2021. On-demand presentations will also be available for ANTEC registrants.

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GREETINGS FROM THE CHAIR

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The Education Committee has been involved in organizing webinars with excellent series of topics relevant to our industry. One such webinar “Taking out the trash, Plastics Design for the End-of-Life” by Eric Larson was presented on December 2, 2020 and was attended by over 100 users. Another webinar “Medical Plastics: Making the Right Choice” by Michael Paloian is scheduled for December 14, 2020. Hope everyone would be able to attend. These webinars are free for SPE members and students. There are additional webinars being scheduled in coming weeks. So, stay tuned!!

I would like to thank Covestro, PolyOne and Evonik for their newsletter sponsorship. We value their sponsorship and look forward in continuing collaboration.

I would like to thank MPD communication and membership teams for bringing transformational changes on how we communicate with our membership-at-large. I would also like to thank MPD Executive team at-large for their leadership. My sincere thanks to the entire MPD BOD for their hard work, dedication and countless hours spent to make MPD as the leading SPE division.

In the end, I would like to invite MPD members and students to get involved in MPD activities. Please reach out to me if you would like to volunteer.

Thanks for reading!

Wishing everyone a Happy New Year and a safe holiday season!

Ali

Are you interested in volunteering for the BOD?

Please email Ali Ashter
ashter2000@gmail.com

MEET YOUR SPE MPD BOARD OF DIRECTORS

MPD Board Members with Term Expiring in 2021



Ali Ashter, Edwards Lifesciences

- Chair
- ashter2000@gmail.com



Margie Hanna, Czuba Enterprises

- Member - Finance Committee
- m_hanna@yahoo.com



Ned LeMaster, DuPont

- Secretary; Technical Program – Webinars
- ned.e.lemaster@dupont.com



Maureen Reitman, Exponent

- Member – Technical Program Committee & Awards Committee
- mreitman@exponent.com



Amin Sedighiamiri, AstraZeneca

- MPD Technical Program Committee
- am.sadighi@gmail.com

MEET YOUR SPE MPD BOARD OF DIRECTORS

MPD Board Members with Term Expiring in 2022



Jennifer Hoffman, EAG Laboratories

- Membership Committee
- jmchoff@gmail.com



Anil Mahapatro, Wichita State University

- Technical Program & Awards Committees
- Anil.Mahapatro@wichita.edu



Victoria Nawaby, Patina Solutions

- Education Committee co-Chair
- nawabyv@hotmail.com



Bhavin Shah, Tepha

- Treasurer, Finance Committee
- shah@tepha.com



Michael Wallick, Invibio

- Awards Committee co-Chair
- mwallick@invibio.com

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MPD Board Members with Term Expiring in 2023



Ravishankar Ayyar, Eli Lilly and Company

- Membership Chair & Awards co-Chair
- rayyar@lilly.com



Nathan Rader-Edkin, BD Corporation

- na3@pct.edu



Ajay Padsalgikar, DSM

- MPD Technical Program Committee
- Ajay.Padsalgikar@dsm.com



Louis Somlai, Eli Lilly and Company

- Vice-Chair, Communications Committee
- somlai_louis@lilly.com



Gregorio Velez, Stryker Corporation

- Gregorio.Velez@stryker.com

MEET YOUR SPE MPD BOARD OF DIRECTORS



Vipul Davé, Johnson & Johnson

- Past Division Chair/Finance Committee/TPC
- VDave1@its.jnj.com



Pierre Moulinié, Covestro

- Education Committee Co-Chair/Webinar
- pierre.moulinie@covestro.com



Len Czuba, Czuba Enterprises

- Councilor
- LCzuba@CzubaEnterprises.com



Kathy Schacht, SPE

- SPE Liaison
- kschacht@4spe.org

Are you interested in volunteering for the BOD?

Please email Ali Ashter
ashter2000@gmail.com

MEDICAL PLASTICS DIVISION COMMITTEES

<p>Vice Chair Louis Somlai ('23) Vice Chair / Communication Chair / MPD Website</p>	<p>Division Chair Ali Ashter ('21)</p>	<p>Past Chair Vipul Davé ('23) Past Chair / Finance Committee / Nominating Committee / Technical Program Committee</p>
<p>Treasurer Bhavin Shah ('22)</p>	<p>Secretary Ned LeMaster ('21)</p>	<p>Councilor Len Czuba ('21)</p>
<p>Education Committee</p> <ul style="list-style-type: none"> • co-Chair: Pierre Moulinié ('22) • co-Chair: Victoria Nawaby ('22) • Webinars: Pierre Moulinié ('22); Victoria Nawaby ('22), Ned LeMaster ('21) 	<p>Communications Committee Chair: Louis Somlai ('23)</p> <ul style="list-style-type: none"> • Newsletter: Vijay Kudchadkar ('21) • Marketing & Outreach: Suneel Bandi, Selvaanish Selvam ('21) • Website: Louis Somlai ('23) & Ned LeMaster ('21) • Historian: Len Czuba ('21); Glenn Beall (Emeritus) 	<p>Membership Committee</p> <ul style="list-style-type: none"> • Chair: Ravi Ayyar ('23) • Members: Jennifer Hoffman ('22) • Gregorio Velez ('23)
<p>Awards Committee</p> <ul style="list-style-type: none"> • co-Chair: Michael Wallick ('22) • co-Chair: Ravishankar Ayyar ('23) • Member: Anil Mahapatro ('22) 	<p>Finance Committee Chair: Ali Ashter ('21)</p> <ul style="list-style-type: none"> • Treasurer Bhavin Shah ('22) • Members: Vipul Davé ('23); Margie Hanna ('21) 	<p>Technical Programing Committee</p> <ul style="list-style-type: none"> • co-Chair: Ajay Padsalgikar ('23); • co-Chair: Amin Sedighiamiri ('21) • Members: Vipul Dave ('21), Maureen Reitman ('21); Louis Somlai ('23); Anil Mahapatro ('22); • Webinars & MiniTec Lead: Ned LeMaster ('21)

Are you interested in volunteering for the BOD?

Please email Ali Ashter
ashter2000@gmail.com

NEWSLETTER EDITOR

GREETINGS FROM THE NEWSLETTER EDITOR



Greetings fellow Medical Plastics Division Members! Welcome to the latest edition of our award winning newsletter! I appreciate your efforts to help me improve this communication tool; please send feedback my way:

vijay.kudchadkar@westfall-technik.com

The Q4_2020 newsletter is dedicated to the healthcare and front-line workers who are saving our lives and putting their own lives at risk for us. If you have a story to share and would like to see it included in our future newsletters, please send it to me via email.

Regarding websites: if you have not done so already, please check out our new Medical Plastics Division website at: mpd.4spe.org

Please visit the events page on our website to find out more about our upcoming events. <https://mpd.4spe.org/events/list/>

As always, your board has recognized the need to increase sponsorship for the division. If you are aware of a firm or organization that would benefit from sponsoring our newsletter please let them and me know.

Best regards,

Vijay Kudchadkar

Do you have questions about MPD Membership?

Please email Ravi Ayyar

rayyar@lilly.com

Newsletter Suggestions? Interested in Sponsorship?

Please email:

Vijay Kudchadkar Vijay.Kudchadkar@westfall-technik.com

Selvaanish Selvam Selvaanish.Selvam@clariant.com

'Battlefield Medicine' During COVID-19

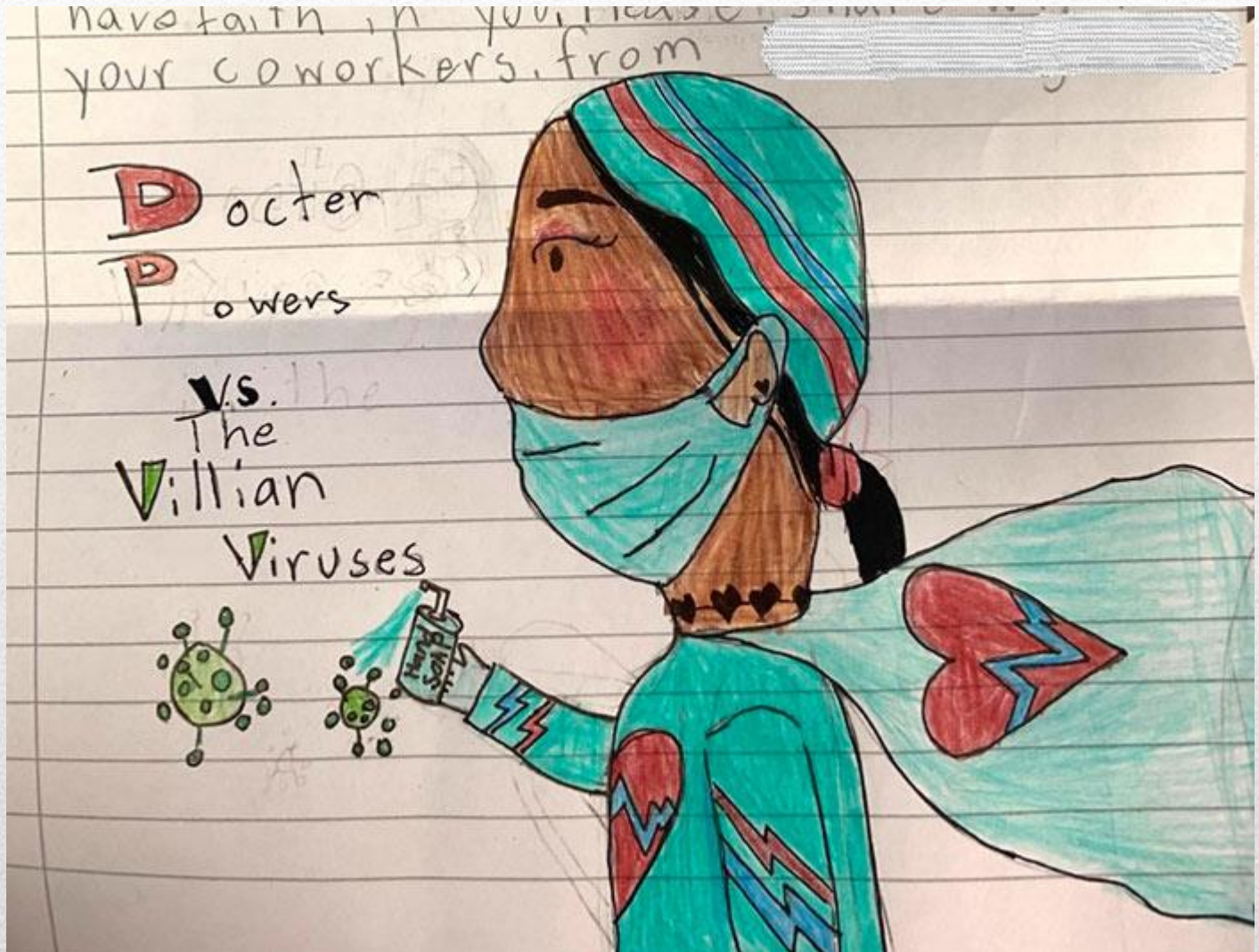


Emergency departments across the U.S. face enormous pressure during the pandemic. This story spotlights the ED team at University of Mississippi Medical Center in Jackson.

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

In One Child's Words: Doctors vs. Villain Viruses



A fourth-grade student wrote a heartfelt note thanking the heroes at Nebraska Medicine for helping people and fighting “villain viruses.”

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

COVID-19 Stories from the Front Lines

An inside look at a rural hospital preparing for the wave



Community HealthCare System has been working with local and state partners to prepare for and manage COVID-19 cases.

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

Coordinated care network ensures COVID-positive patient makes recovery



Nashville resident Bill Boyce's successful recovery from COVID-19 included phone calls from VUMC nursing staff and his personal physician after his positive test, followed by a 28-day hospitalization and close monitoring by nursing staff after he returned home.

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

Hospitals Show Together We're Stronger During Pandemic



Two Intermountain Healthcare teams traveled from Utah to New York to help overwhelmed health care workers—and gain valuable knowledge and experience

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

During this Pandemic, Front-line Workers Are Treating the Whole Person



A social worker with the U.S. Army Reserve bonds with a 96-year-old patient, a veteran of World War II now fighting COVID-19.

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

COUNCILOR'S REPORT



Dear Friends,
The Holiday Season is upon us! And although life in many ways is very different because of the pandemic, I would like to send a greeting and a word of encouragement.

Vaccines are on the horizon and once the world population begins to enjoy the immunities that it brings, life will slowly return to some new normal. And I hope that you, your families and friends and the consumers out there realize the important role that Medical Plastics play in helping keep first responders and healthcare workers safe. Beyond that be proud of all the components used in the testing for the virus and ultimately everything that is used in caring for those that become sick. When the vaccines are ready, delivery devices will be made from plastic medical devices, many from the companies where you and I and many of us work.

I think that as a community of professionals involved with healthcare products as we are, we all should be very proud of how our collective products are meeting the needs of the global population as efforts are being made around the world to control it, contain it and help those affected by the disease.

Looking ahead into next year, I can report that at the time of this writing, ANTEC 2021, the hybrid version, will still be held in Denver, Colorado from the pre-ANTEC meetings and events the weekend of March 20/21 and the live technical program continuing on Monday the 22nd & Tuesday the 23rd. Then the on-line Division technical sessions are planned beginning March 29th and will continue through April 9th.

Continued on next page...

COUNCILOR'S REPORT

I encourage all of you to consider joining the crowd in Denver both for the live technical event but for all the networking activities that are being planned for the weekend and between technical sessions. Activities are planned from March 20th thru the 23rd. Join me and others on our board for this in-person event. You won't regret it! And once back to your office, enjoy the technical sessions from the comfort of your office or home! For more info: <https://www.4spe.org/i4a/pages/index.cfm?pageID=6098>

Finally, on behalf of the entire group of Councilors, Executive Board members and SPE Staff constituting SPE governance, I would like to wish each of you and your families a wonderful and safe holiday season!

Warm regards,

Len Czuba
Medical Plastics Division Councilor
SPE President 2005 - 2006
Distinguished Honored Service Fellow of SPE



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MPD Sponsors

We would like to thank our generous sponsors for supporting our “Medical Plastics in Manufacturing: The Virtual Edition” virtual conference.

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Newsletter Suggestions? Want to Advertise?

Please email: Vijay Kudchadkar
vijay.Kudchadkar@westfall-Technik.com

MPD SPONSORSHIP OPPORTUNITIES



SOCIETY OF PLASTIC ENGINEERS – MEDICAL PLASTICS DIVISION

About Us - The Medical Plastics

Division exists to encourage the interchange of technical and regulatory information on the polymer materials/components used in medical devices and in device containers among the scientists and engineers who are working in medical device and related industries.

With over several hundred members and webinars, newsletters, and conferences arranged every year, MPD allows sponsors a unique opportunity to establish deep connections within the plastics community.

MPD NEWSLETTER SPONSORSHIP OPPORTUNITY

Be a sponsor on our Award-winning Division Newsletter! Below are the prices and sizes available for purchase. Do not miss this rare opportunity to have your company seen by thousands of readers every year!

Full page - \$1500

Half page - \$850

Quarter Page - \$450

Eighth Page - \$250

The newsletter, as scheduled, is prepared and circulated four times per year. Every MPD member receives a copy emailed directly to their listed address. Additional copies are also circulated via the Chain and broader social media (LinkedIn, Twitter) in our continuing effort to reach new and prospective members and other interested individuals.

Follow us on our social media platforms to stay up to date on the latest medical plastics news!

- [SPE - Medical Plastics Division Micro Website](#)
- [SPE - Medical Plastics Division - LinkedIn](#)
- [SPE - Medical Plastics Division - Twitter](#)

BENEFITS OF BEING A SPONSOR:

INSTANT MARKET ATTENTION FROM HUNDREDS OF MEMBERS

LOGO AND AD PLACEMENT ON NEWSLETTERS, WEBINARS, AND CONFERENCES

ACCESS TO MPD BOARD AND QUARTERLY UPDATES

SOCIAL MEDIA POSTS

FOR SPONSORSHIP PLEASE CONTACT

Vijay Kuchadkar
vijay.kudchadkar@westfall-technik.com

OR

Selvaanish Selvam
selvaanish.selvam@avient.com

TREASURER'S REPORT



TREASURER'S REPORT – Bhavin Shah



SPE MPD Q4 2020 TREASURER'S REPORT

Financial Report for the Period:	Oct 1, 2020 - Nov 30, 2020
Section/Division Name:	Medical Plastics D36
Balance as of Oct 1, 2020	\$ 35,204.34
Income	
SPE Chapter Passthrough	\$ 1,275.00
Total Income	\$ 1,275.00
Expenses	
N/A	N/A
Total Expenses	\$ 0.00
Ending Balance as of Nov 30, 2020	\$ 36,479.34

Do you have questions about the Treasurer Report?

Please email Ali Ashter
ashter2000@gmail.com

SPE MPD WEBINARS

The Medical Plastics Division and Webinar Team plans to host a series of webinars during 2020, with a goal of at least three to four. Some of the topics in consideration include: Advances in Medical Tubing Materials, Drug Delivery and Implantable Materials, Materials for Excipient Release, Relevant Changes in Regulatory Directives, Biodegradable & Resorbable Polymers in Med Device, Best Practices for Introduction of New Polymers in Med Device, Speed to Market through Improved Development, and Advances in Friction Reducing Materials. We are even considering a series on project management.

We welcome your interest to participate, as well as suggestions for topics and/or speakers. Please contact the MPD Webinar team:

Pierre Moulinié (pierre.moulinie@covestro.com),
Victoria Nawaby (nawabyv@hotmail.com)
Ned LeMaster (ned.e.lemaster@dupont.com)



Upcoming Events



ANTEC® 2021

ANTEC® Industry Insights

March 22–23, 2021

Kicking off ANTEC® 2021, must-hear plastics leaders will share their valuable **industry insights**.

Join us for this two-day event via SPE's exclusive live-streaming service to your remote location.

Program includes:

A View From the Top: Industry Perspectives from Plastics Industry Leaders — Monday AM

Hear industry executives give their perspective on the state of our industry. Last year's speakers included [Dow CEO Jim Fitterling](#) and [Barry CEO Tom Salmon](#).

Plastics & The Environment: It's Not Just Bags, Bottles and Straws — Monday PM

Emerging Plastics Technologies: What Are the Next Big Things on the Plastics Horizon — Tuesday AM

ANTEC® Classic

March 29-April 9, 2021

ANTEC® Classic, slated for March 29 to April 9, will offer real-time, remote presentations occurring over 10-days with 20 technical tracks. Additionally, it will include International Spotlights with real-time global presentations broadcast online from various regions around the world, including Asia, India, Australia/New Zealand, Europe, and the Middle East. Dates for International Spotlights will be forthcoming.

Hear from the industry's top researchers as they discuss their latest findings. In the traditional ANTEC® format, 200+ papers across a wide variety of topics will be presented. Watch the presentations real-time, with Q&A after each presentation, or watch the recorded sessions on-demand on your schedule.

For more details, please visit:

<https://www.4spe.org/i4a/pages/index.cfm?pageID=5952>

WEBINAR: Medical Plastics: Making the Right Choice

December 14 @ 2:30 pm - 3:30 pm ET

This presentation will include important design parameters that should be considered when specifying a plastic for a medical device. It will also recommend resources for aiding you during the selection process. The interrelationships between polymer structure and physical properties will be highlighted as well as polymer classifications. Examples of medical devices will be included toward the end of the presentation demonstrating how this information can be applied to real world applications.



December 14, 2020 at
2:30pm-3:30pm ET

SPE and MPD
Members: Free
Non-Members: \$50

Webinar via Zoom

[Register Now](#)

Michael Paloian is president of Integrated Design Systems, Inc. (IDS), located in Oyster Bay, New York. Michael has an undergraduate degree in Plastics Engineering from UMass Lowell and a Masters of Industrial Design from Rhode Island School of Design. Mr. Paloian has an in-depth knowledge of designing parts in numerous processes and materials, including plastics, metals and composites. Mr. Paloian holds more than 40 patents was past chair of SPE RMD and PD3. He frequently speaks at SPE, SPI, ARM, MD&D, and IDSA conferences. Michael has also written hundreds of design related articles for many publications. Michael has designed numerous medical devices ranging from MRI scanners and blood analyzers to endoscopes as well as dental products. His broad range of experience in medical device design has always challenged him with selecting the optimum plastic based on diverse product requirements.

For registration Please contact:

Pierre Moulinie - pierre.moulinie@covestro.com

Ned LeMaster - ned.e.lemaster@dupont.com

Victoria Nawaby - nawabyv@hotmail.com