

GREETINGS FROM THE CHAIR



Dear Fellow Medical Plastics Division Members:
Welcome to our 3Q Newsletter!
I hope that everyone is staying safe and healthy
with their families and loved ones during this
pandemic.

Based on the success of ANTEC 2020, SPE has decided that ANTEC 2021 will be a hybrid event with in-person live event taking place in Denver from March 21-23. The real-time remote presentations will occur over a period of 10 days from March 29 to April 9. Medical Plastics Division is now open for paper submissions.

“The Plastics in Medical Manufacturing: Virtual Edition” was held over two days on August 11 and 12. The conference was well attended packed with presentations showcasing people, technologies and companies that are battling COVID-19 pandemic as well as trends strategies and opportunities for medical plastics manufacturers today. I would like to thank our sponsors, Celanese, Die-Sep, G.H Associates and Sekisui SPI for their supporting our event. Finally, I would like to recognize Victoria Nawaby, Ned LeMaster and Pierre Moulinie, for their leadership and for making it a successful event.

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GREETINGS FROM THE CHAIR

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The Education Committee is doing an amazing job by organizing successful webinars with excellent series of topics relevant to our industry. Series of webinars are being scheduled in coming weeks. These webinars will be free for SPE members.

Lastly, I would like to invite our membership to come forward and get involved in MPD activities. Please reach out to me if there is an area you would like to contribute.

Please also let us know how we can improve.

Thanks for reading

Ali

Are you interested in volunteering for the BOD?

Please email Ali Ashter
ashter2000@gmail.com

Do you have questions about MPD Membership?

Please email Ravi Ayyar
rayyar@lilly.com

MEET YOUR SPE MPD BOARD OF DIRECTORS

MPD Board Members with Term Expiring in 2021



Ali Ashter, Edwards Lifesciences

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Louis Somlai, Eli Lilly and Company

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Gregorio Velez, Stryker Corporation

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MEET YOUR SPE MPD BOARD OF DIRECTORS



Vipul Davé, Johnson & Johnson

- Past Division Chair/Finance Committee/TPC
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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>
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<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 Q3_2020 newsletter is again dedicated to the companies in the plastics industry that are helping fight COVID-19. We would like to thank the healthcare professionals who are saving our lives and putting their own lives at risk for us. If your company has 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

We are organizing 2 webinars in October. Please visit the events page on our website for more details.

<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

Newsletter Suggestions? Interested in Sponsorship?

Please email:

Vijay Kudchadkar Vijay.Kudchadkar@westfall-technik.com

Selvaanish Selvam Selvaanish.Selvam@clariant.com

COVID-19 RESPONSE STORIES

Uplifting stories: helping customers adapt to fight COVID-19



While Amcor sites in 40 countries are helping customers to meet surges in demand for packaging of vital consumer goods, we're also supporting them to adapt their own operations to respond to the pandemic.

One example is distillers, many of whom have swiftly geared up to make hand sanitizer. Distilleries are uniquely positioned because they have access to spirits with a high concentration of alcohol needed to meet requirements for hand sanitizer to contain at least 60% alcohol.

Two of those taking action are Amcor customers.

Ugly Dog Distillery, Michigan [Read More ...](#)

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

Berry Global Produces Materials Critical for Coronavirus Defense; Expands Wipes Capacity

Many don't realize the role plastics play in protecting us from infection and the spread of disease, when in fact, they are a critical component. Our leadership position and global scale allow us to create increased supply when encountering a pandemic such as this."



In the United States, Berry has shifted capacity to supply maximum output in response to increased demand for healthcare materials; these include materials for hard surface disinfectant wipes and face masks. In Europe, the Company's meltblown lines are running around the clock to produce materials for face masks and other healthcare applications, such as materials used in blood filtration.

[Read More ...](#)

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Please email Louis Somlai
somlai_louis@lilly.com

Petoskey manufacturer making hospital 'isolation gowns' to prep for coronavirus cases



Over the past five days, Petoskey Plastics, a northern Michigan manufacturing company, has worked with McLaren Health Care to develop and approve a prototype for a hospital isolation gown. On Friday, March 20, Petoskey Plastics received design approval and will begin manufacturing 10,000 gowns per day at their Petoskey plant to supply McLaren Health Care hospitals across the state of Michigan. "This urgent, proactive action by Petoskey Plastics will help maintain the safety of thousands of patients and staff across the state of Michigan," said Todd Burch, Chief Executive Officer, McLaren Northern Michigan. "Petoskey Plastics is setting an example for what Michigan manufacturers can do to support health care institutions during this crisis." [Read More ...](#)

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

MPC receives National Recognition from Canadian Manufacturing Sector

The tooling and manufacturing systems that were developed in record time have the ongoing capacity to manufacture up to 450,000 parts per day, or over 100 Million Shields annually.



When COVID-19 struck in early March, industry was called upon to join the fight against the pandemic and offer support through the creation of PPE, sanitizers, ventilators and other innovative devices, Canadian manufacturers quickly pivoted to produce products that would help stem the spread of the virus and their efforts deserve to be recognized.

At the Responding to COVID-19: Industry Leadership Honours virtual gala hosted today, Molded Precision Components were confirmed as the award recipient of the Personal Protective Equipment – Medium Sized company category.

Keynoted by Minister Navdeep Bains and Jayson Myers, CEO of Next Generation Manufacturing (NGen) Canada, the gala hosted by Canadian Manufacturing Magazine recognized eight Canadian manufacturers, the award for MPC being accepted by David Yeaman, co-owner and President of MPC and the assembled management team. [Read More](#)

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Please email Louis Somlai
somlai_louis@lilly.com

Sencorp Modifies Thermoforming Machines for Face Masks



Sencorp Thermoforming, a division of SencorpWhite, Hyannis, Mass., has modified its thermforming machines to make face masks for the medical professionals combating the Covid-19 pandemic. Last week, the company's team successfully modified two machines. Each unit has the capability to produce about three million face masks/week. Medical workers and first responders in the U.S. are short on the supply of N95 protective face masks and shields. These essential components of personal protective equipment (PPE) help safeguard clinicians from accidental droplets containing coronavirus as they tend to patients, work in labs, and assist at drive-through testing facilities.

[Read More ...](#)

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Please email Louis Somlai
somlai_louis@lilly.com

Westfall Technik donates 20,000 Ear Savers to Ontario Ministry of Children, Community and Social Services and Hospitals in Ontario



Ontario Ministry of Children, Community and Social Services has been working hard to provide the valuable and specialized services required to meet the unique needs of the people and communities we serve. Staff are working long hours in very difficult situations to ensure that vulnerable populations continue to get the supports they require.

Westfall's ear savers are helping their frontline workers stay comfortable for longer periods of time so they can focus on their jobs. [Read More ...](#)

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

UW engineers, local manufacturers work to produce medical face shields



University of Wisconsin-Madison engineers are working with Madison-area manufacturers on medical face shields for healthcare workers treating coronavirus patients.

A first batch of face shields has been created for UW Hospital, with plans to deliver samples to other local hospitals for feedback. The group also has published its design as open source — which can be seen [here](#). — and it is already be replicated by others across the world.

[Read More ...](#)

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com



Since my April update, the SPE year has come to a close and that means we welcome the new SPE Officers and Executive Board into their positions within senior governance. The change-over meeting was held at the end of June and although I was unable to attend this on-line meeting I understand that the outgoing officers were thanked for their service and the incoming members introduced and welcomed into their new roles.

All SPE Chapter boards, the Sections and Division boards also entered the new SPE year beginning July 1st with their new officers and board members. Ali Ashter, the MPD Chair has agreed to serve another year and received support of the board. He enters the year with his board introduced in the other sections of this newsletter. We welcome the new blood and thank our out-going members.

The Council has not formally met since the start of the new SPE year but on Sept. 25th, there was a meeting of Councilors able to attend an on-line meeting of the Council Committee of the Whole (CCoW). This forum was convened by the newly elected CCoW chair, Barry Morris with support of the new SPE president, Jaime Gomez. The Councilors were challenged to help SPE find ways to both **Enhance the Reputation** of SPE while also supporting our overall goal of **Sharing Knowledge** by way of conferencing, webinars, presentations and support of young industry professionals through mentoring.

Continued on next page...

COUNCILOR'S REPORT

The group was asked to brainstorm ideas that respond to the defined needs:

1. Enhanced Reputation of SPE
2. Knowledge Sharing
 - a. Programming opportunities
 - b. Revenue generation by offering existing SPE content packaged in a way that it is most efficient and useful
 - c. Plan programming opportunities in knowledge gap areas
 - d. Propose a model for ANTEC which help make it sustainable
3. Increase Engagement and Networking

Each of these topics was discussed about 10 minutes and included feedback and suggestions from members of Council. Volunteers were recruited for each of the items discussed so that meaningful outcomes could be further discussed, action items proposed and moved forward. Each topic volunteer group will be led by one assigned member of the EB who will coordinate meetings and bring action items to the Executive Board to move forward. Stay tuned for more on this in the future.

Other important news from SPE is that ANTEC 2021 is being held as originally planned in Denver the weekend before and the week of March 21st thru 23rd. The program will be slightly different than what has been traditional for ANTEC in that we will not have concurrent technical presentations given throughout the week but instead, because many members may be forced to avoid travel due to concerns related to the virus, there will be a single technical session offered early in the week followed by on-line electronic presentations scheduled for division papers between March 29th and April 9th. Details are being rolled out so stay tuned.

Continued on next page...

One important bit of information is that there will be an International Day in which papers will be presented by speakers from other parts of the world outside the United States and these papers will be offered to be given by the international speakers in their own time zone so that it is convenient for that presenter. Most papers are expected to be given live to the ANTEC audiences but an option will be available to have the presentation pre-recorded if there is a need. The important information is that the “Call for Technical Papers” has recently been sent to all SPE members. The Technical Program Chairs of each division have been meeting in order to prepare for their program. All papers are due by mid-November. See the SPE website for more details. Note that many of the networking opportunities that ANTEC typically offers will be scheduled and held at ANTEC 2021. Details will be worked out during the coming weeks and months.

Respectfully submitted,

Len Czuba
Medical Plastics Division Councilor, 2015–2021
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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Please email: Vijay Kudchadkar
vijay.Kudchadkar@westfall-Technik.com

MPD NEWSLETTER SPONSORSHIPS

Sponsors...

We are seeking Sponsor Display Ads for our Award-winning Division Newsletter! To show your support of the Society of Plastics Engineers and in particular, the Medical Plastics Division, please consider taking part in this important communication support effort.

Sizes Available (4 issues)

<i>Full page (8.5"x11")</i>	<i>\$1,500</i>
<i>Half page (4.3"x5.5")</i>	<i>\$850</i>
<i>Quarter page (2.1"x2.8")</i>	<i>\$450</i>
<i>Eighth page (1.1"x1.4")</i>	<i>\$250</i>

The newsletter, as scheduled, is prepared and circulated **four times per year** (*quarterly*). Every Medical Plastics Division 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.

To show your support please contact Vijay Kudchadkar at 312.418.7975 (email: vijay.Kudchadkar@westfall-technik.com).

Thank-you for your support!


Newsletter Suggestions? Want to Advertise?

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

TREASURER'S REPORT



TREASURER'S REPORT – Bhavin Shah



Regards

SOCIETY OF PLASTICS ENGINEERS

SPE MPD Q3 2020 TREASURER'S REPORT

Financial Report for the Period:	July 1, 2020 - Sept 30, 2020
Section/Division Name:	Medical Plastics D36
Balance as of July 1, [2020]	\$ 30,322.29
Income	
Plastics in Medical Manufacturing: The Virtual Edition	\$ 7,515.00
Total Income	\$ 7,515.00
Expenses	
Minitec 2019 (Revenue sharing with Southern California Section)	\$ 1,979.41
Minitec 2020 (Revenue sharing with Southern California Section)	\$ 653.54
Total Expenses	\$ 2,632.95
Ending Balance as of Sept 30, 2020	\$ 35,204.34

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)



Antec 2021 – Call for Papers



MEDICAL PLASTICS DIVISION CALL FOR PAPERS

Submission Deadline November 15, 2020

YOU ARE INVITED TO SUBMIT A PAPER FOR PUBLICATION & PRESENTATION

- Showcase your latest innovation in industrial, national laboratory and academic work
- Share your findings in polymer research or advancements in materials/ processes/ testing for healthcare and medical technology products and packaging

Topics of Interest Include

Emerging Materials/Chemistries

Absorbable Materials

Biomaterials

Modeling And Characterization Methods

Drug Delivery Devices

Digital Healthcare, Connectivity And (AI) Trends
In Medical Devices

Medical Device Design And Manufacturing

Implantable Materials

Medical Textiles And Woven Structures

Surface Modifications, Coatings And Additives

Diagnostic Devices and Methods

Micro-Molding

Patient-Customized Medical Devices / Additive
Manufacturing

Validation And Testing To Meet Regulatory
Requirements

How to Submit

[CLICK HERE TO SUBMIT YOUR PAPER](#)

[CLICK HERE TO DOWNLOAD OUR TEMPLATE FOR WRITING ANTEC® PAPERS](#)

For questions about paper submission, contact either of the ANTEC 2021 TPC co-chairs:

Jennifer Hoffman, EAG Laboratories
jenniferhoffman@eurofinseag.com

Pierre Moulinié, Covestro
Pierre.moulinie@covestro.com

WEBINAR: Taking out the Trash — Plastics Design for the End-of-Life

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

Abstract: Nothing lasts forever. Great products might not last forever, but they usually last a long time. But no matter how great the product is, there will come a point in time where a thing no longer has any value. It then becomes waste. To be thrown in the trash. And then what? How do you design a product to account for its expected end of life? Or an unexpected end? How do you evaluate materials based on what happens...

[Find out more »](#)

WEBINAR: Medical Plastics: Making the Right Choice

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

Abstract: 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. About the Speaker Michael Paloian is president of...

[Find out more »](#)

For registration Please contact:

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