

## GREETINGS FROM THE CHAIR



Dear Fellow Medical Plastics Division Members:  
Welcome to our Newsletter!

I hope that everyone is staying safe and healthy with their families and loved ones during these uncertain times due to the COVID-19 pandemic.

I am happy to introduce myself as new Chair for the Medical Plastics Division and thank Vipul Dave for his service, who held the position for last two years.

The election of SPE officers and new Executive Board members has been completed. Although, our own Board member Louis Somlai, who ran for the newly established VP of sustainability was not elected, he has been appointed a 3-year term to serve in finance committee within the Executive Board. Louis will continue to serve on the MPD Board as Vice Chair.

“Virtual ANTEC 2020” was held over several weeks featuring speakers that had already committed to ANTEC in San Antonio. Each presentation was put on one at a time over several weeks. Early reports are that this format was well received with attendance remarkably high. Special thanks go out to our TPC co-chairs, Ajay Padsalgikar and Amin Sedighiamiri, for reviewing and selecting excellent papers for virtual ANTEC.

**Continued on the next page...**

### Inside This Edition...

SPE MPD BOD & Committees	4
Newsletter Editor	9
Covid-19 Response Stories	10
Councilor's Report	18
Treasurer Report	20
Virtual Conference	22

# GREETINGS FROM THE CHAIR

Continued from the previous page...

Another event, “The Plastics in Medical Manufacturing: Virtual Edition” will be held over two days on August 11 and 12. The conference is packed with presentations that will showcase the people, technologies and companies battling COVID-19 pandemic as well as trends strategies and opportunities for medical plastics manufacturers today. Please attend the event and support our speakers. Special thanks go out to our co-chairs, Victoria Nawaby, Ned LeMaster and Pierre Moulinie, for their leadership and countless hours spent to make it happen.

Finally, the Education Committee has done an amazing job by organizing successful webinars with excellent series of topics relevant to our industry. A webinar, “Fundamentals of US Patent Law” by Prof. Stephen Grossman was well attended. I would like to thank the Webinar team lead, Victoria Nawaby for this great initiative.

Our division is approximately 600 members strong and has been steadily growing. I am excited to report that our initiative “New Member Welcome Letter”, a joint collaboration between communication and membership committees is now live. I would like to thank Selvaanish Selvam, Jennifer Hoffman and Gregorio Velez for their time, effort and contribution. I would also like to thank Vijay Kudchadkar for stepping up to take a lead role as a newsletter editor.

Continued on the next page...

**Are you interested in volunteering for the BOD?**

Please email Ali Ashter  
ashter2000@gmail.com

# GREETINGS FROM THE CHAIR

**Continued from the previous page...**

I would like to acknowledge PolyOne and Covestro for their sponsorship in our newsletter. These contributions support our division in number of activities that benefit our members.

In the end, I am thankful to all our Board of Directors for their hard work and contributions towards the Medical Plastics Division. Please let us know how we can improve and look forward for your contributions.

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**

- Chair
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### **Margie Hanna, Czuba Enterprises**

- Member - Finance Committee
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### **Ned LeMaster, DuPont**

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### **Maureen Reitman, Exponent**

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- 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](mailto:jmchoff@gmail.com)



**Anil Mahapatro, Wichita State University**

- Technical Program & Awards Committees
- [Anil.Mahapatro@wichita.edu](mailto:Anil.Mahapatro@wichita.edu)



**Victoria Nawaby, Patina Solutions**

- Education Committee co-Chair
- [nawabyv@hotmail.com](mailto:nawabyv@hotmail.com)



**Bhavin Shah, Tepha**

- Treasurer, Finance Committee
- [shah@tepha.com](mailto:shah@tepha.com)



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- Awards Committee co-Chair
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# MEET YOUR SPE MPD BOARD OF DIRECTORS

## 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**

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### **Ajay Padsalgikar, DSM**

- MPD Technical Program Committee
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### **Louis Somlai, Eli Lilly and Company**

- Vice-Chair, Communications Committee
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### **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><b>Vice Chair</b>  <b>Louis Somlai ('23)</b></p> <ul style="list-style-type: none"> <li>• Communications Chair</li> <li>• MPD Website</li> </ul>	<p><b>Division Chair</b>  <b>Ali Ashter ('21)</b></p>	<p><b>Past Chair</b>  <b>Vipul Davé ('21)</b></p> <ul style="list-style-type: none"> <li>• Finance Committee</li> <li>• TPC</li> </ul>
<p><b>Treasurer</b>  <b>Bhavin Shah ('22)</b></p>	<p><b>Secretary</b>  <b>Ned LeMaster ('21)</b></p>	<p><b>Councilor</b>  <b>Len Czuba ('21)</b></p>
<p><b>Education Committee</b></p> <ul style="list-style-type: none"> <li>• co-Chair: Pierre Moulinié ('22)</li> <li>• co-Chair: Victoria Nawaby ('22)</li> <li>• Webinars: Pierre Moulinié ('22); Victoria Nawaby ('22), Ned LeMaster ('21)</li> </ul>	<p><b>Communications Committee</b>  <b>Chair: Louis Somlai ('23)</b></p> <ul style="list-style-type: none"> <li>• Newsletter: Vijay Kudchadkar ('20)</li> <li>• Marketing &amp; Outreach: Suneel Bandi, Selvaanish Selvam</li> <li>• Website: Louis Somlai ('23) &amp; Ned LeMaster ('21)</li> <li>• Historian: Len Czuba ('21); Glenn Beall (Emeritus)</li> </ul>	<p><b>Membership Committee</b></p> <ul style="list-style-type: none"> <li>• Chair: Ravi Ayyar ('23)</li> <li>• Members: Jennifer Hoffman ('22)</li> </ul>
<p><b>Awards Committee</b></p> <ul style="list-style-type: none"> <li>• co-Chair: Michael Wallick ('22)</li> <li>• co-Chair: Ravishankar Ayyar ('23)</li> <li>• Member: Anil Mahapatro ('22)</li> </ul>	<p><b>Finance Committee</b>  <b>Chair: Bhavin Shah ('22)</b></p> <ul style="list-style-type: none"> <li>• MPD Chair: Vipul Davé ('21)</li> <li>• Ass't Treasurer: Pierre Moulinié ('22)</li> <li>• Members: Margie Hanna ('21);</li> </ul>	<p><b>Technical Programing Committee</b></p> <ul style="list-style-type: none"> <li>• co-Chair: Ajay Padsalgikar ('23);</li> <li>• co-Chair: Amin Sedighiamiri ('21)</li> <li>• Members: Vipul Dave ('21), Maureen Reitman ('21); Louis Somlai ('23); Anil Mahapatro ('22);</li> <li>• Webinars &amp; MiniTec Lead: Ned LeMaster ('21)</li> </ul>

**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](mailto:vijay.Kudchadkar@westfall-Technik.com)

The Q2\_2020 newsletter is 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](http://mpd.4spe.org)

We are organizing a virtual conference on August 11-12, 2020. This virtual event will be filled with insights from medical plastics industry leaders! Should you wish to attend or present, please visit our event page for more information.

<https://www.4spe.org/i4a/pages/index.cfm?pageid=5521>

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 Louis Somlai**  
[somlai\\_louis@lilly.com](mailto:somlai_louis@lilly.com)

# COVID-19 RESPONSE STORIES

## MOLDED-PRECISION COMPONENTS (MPC) IS DONATING OVER 25,000 FACE SHIELDS TO LOCAL BUSINESSES ACROSS THE REGION



MPC has begun full-scale, volume production of Shield-U headbands to meet federal, multi-province, and other supply contracts, along with donations to local businesses.

While the second phase of COVID-19 recovery means that many businesses may begin accepting customers once again, it has also brought with it difficulty in acquiring the proper Personal Protective Equipment needed to do so safely.

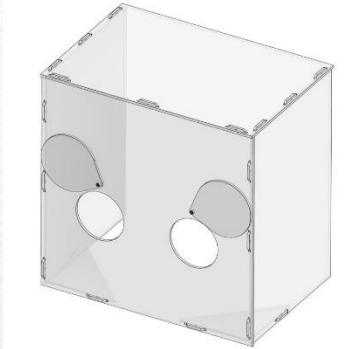
“It has been very difficult for local businesses to find PPE,” commented Andrew Bird, Director of Strategic Business Development at Molded Precision Components, “let alone quality solutions that allow their staff to work comfortably and provide patrons with confidence.” [Read more ...](#)

**Newsletter Suggestions? Interested in Sponsorship?**

Please email Louis Somlai  
somlai\_louis@lilly.com

# COVID-19 RESPONSE STORIES

## How a simple plastic box could protect health-care workers across Canada from COVID-19



For clinicians, inserting a tube into the airway of a COVID-19 patient is a high-risk procedure.

It usually means front-line workers are staring right into someone's open mouth, and directly in the line of fire, should a sudden cough send virus-filled droplets flying.

And with more patients needing help breathing, the risk is growing.



"We're seeing week-by-week, day-by-day, patients are getting sicker, more patients being admitted, and more patients are being put on respiratory support and a ventilator," says Dr. Alyssa Wong, an emergency physician with Trillium Health Partners in Mississauga, Ont. Wong started wondering about the dangers facing her peers, and she wasn't the only one.

In a WhatsApp group for physicians, where COVID-19 articles were flying back and forth, her colleague Dr. Daniel Shogilev shared coverage of a doctor in Taiwan who'd developed a transparent plastic shield to cover patients during intubation, helping reduce the risk to clinicians.

That was a few weeks ago in mid-March. Wong knew some people outside the medical community who might be able to help make the concept a reality in Canada, and a small team hoping to develop what they've since dubbed the "COVID Box" met on a Zoom teleconference the next day. [Read more ...](#)

**Newsletter Suggestions? Interested in Sponsorship?**

**Please email Louis Somlai**  
somlai\_louis@lilly.com

# COVID-19 RESPONSE STORIES

## Manufacturing companies pivot to produce PPE, medical devices for COVID-19 fight



Manufacturers and supply chains across Canada have been mobilizing to produce more personal protective equipment (PPE) and medical devices needed in the fight against COVID-19.



Face shields and masks are among the most critical supplies needed by hospitals and health-care providers, along with ventilators, hospital gowns, gloves, hand sanitizer. As workplaces reopen, PPE is also required for customer-facing roles.

On Mar. 31, federal government committed \$2 billion to the purchase of PPE and medical supplies from Canadian and international suppliers.

Ontario has pledged \$50 million for businesses to retool their manufacturing operations for COVID-19 equipment, and Next Generation Manufacturing Canada (NGen) has also opened up \$50 million in available funding for manufacturers to produce essential supplies and PPE.

Major manufacturers such as Labatt, Fiat Chrysler, Canada Goose and Bosch are among the companies producing more equipment. (For more on what these companies are doing, see this list on our sister site [CanadianManufacturing.com](http://CanadianManufacturing.com)).

Other Canadian manufacturing and automation companies are stepping up, too. [Read more ...](#)

## Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai  
[somlai\\_louis@lilly.com](mailto:somlai_louis@lilly.com)

# COVID-19 RESPONSE STORIES

## Lilly's Global COVID-19 Response

### June

[Lilly Announces Start of a Phase 1 Study for its Second Potential COVID-19 Antibody Treatment \(June 8\)](#)

[Lilly Begins World's First Study of a Potential COVID-19 Antibody Treatment in Humans \(June 1\)](#)

### May

[Lilly's COVID-19 Fact Sheet \(May 26\)](#)

[Central Indiana COVID-19 Community Economic Relief Fund Grants \\$4 Million to 56 Organizations \(May 12\)](#)

[Lilly CEO Dave Ricks' Indy Star Op-ed: 'As Indiana Reopens, Let's Proceed With Caution and Data' \(May 5\)](#)

[Lilly and Junshi Biosciences to Co-develop Antibody Therapies for the Prevention and Treatment of COVID-19 \(May 4\)](#)

### April

[Indianapolis E-Learning Fund Sends \\$1.5 Million to Marion County Districts and Charter Schools \(April 27\)](#)

[NIH to Launch Public-Private Partnership to Speed COVID-19 Vaccine and Treatment Options \(April 17\)](#)

[Lilly Begins Clinical Testing of Therapies for COVID-19 \(April 10\)](#)

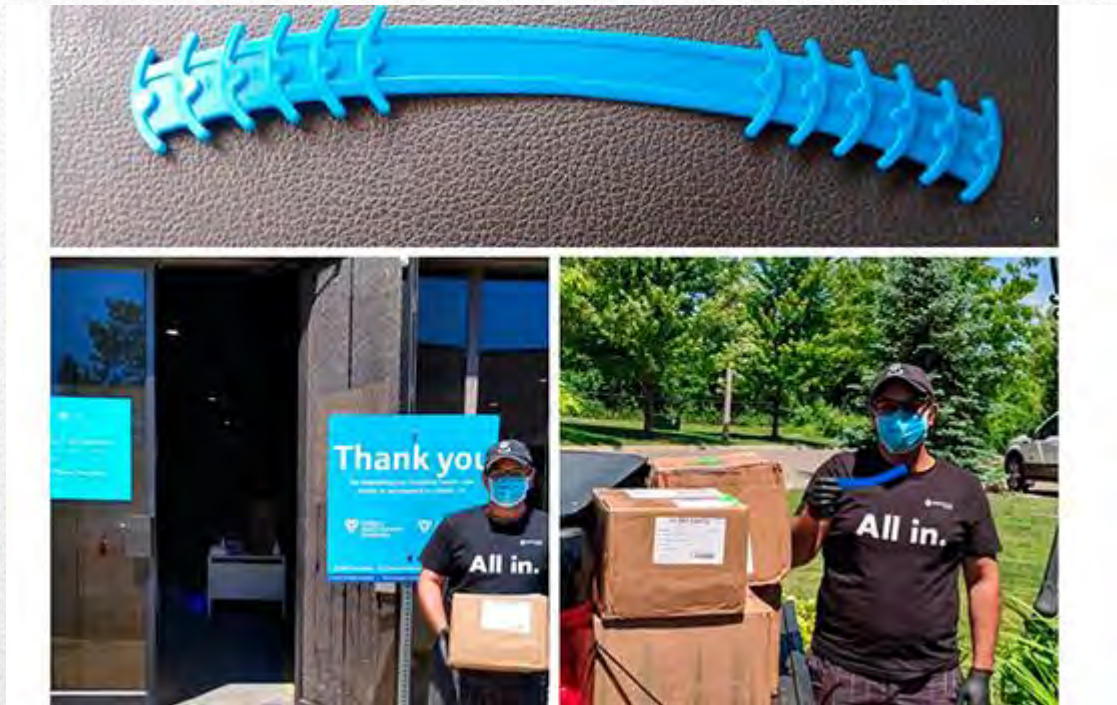
[Read more ...](#)

**Newsletter Suggestions? Interested in Sponsorship?**

**Please email Louis Somlai**  
[somlai\\_louis@lilly.com](mailto:somlai_louis@lilly.com)

# COVID-19 RESPONSE STORIES

## Westfall Technik donating masks, straps during the COVID-19 crisis



Westfall Technik Inc. (Westfall) is producing medical masks and mask straps and donating them to the health care industry during the COVID-19 crisis. Las Vegas-based Westfall is making reusable masks at its Wakefield, Michigan site.

“Westfall’s operational model delivers an integrated solution with in-house design, prototyping, tooling, molding, assembly and logistics,” states Allison Lin, Procurement and Sustainability Vice President. The mask project went from idea to molded parts in roughly two weeks. Westfall now can mold more than 4000 masks per day.

Westfall also is making reusable mask straps. The straps help health care professionals or others wearing masks for extended periods of time to avoid ear pain from the pressure that elastic straps put on their ears. [Read more ...](#)

**Newsletter Suggestions? Interested in Sponsorship?**

Please email Louis Somlai  
somlai\_louis@lilly.com



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# 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](mailto:vijay.Kudchadkar@westfall-technik.com)).

Thank-you for your support!

## Newsletter Suggestions? Want to Advertise?

Please email: Vijay Kudchadkar  
[vijay.Kudchadkar@westfall-Technik.com](mailto:vijay.Kudchadkar@westfall-Technik.com)

# COUNCILOR'S REPORT



## Medical Plastics Division Councilor Report

Dear Fellow Medical Plastics Division members,  
*Councilor report (written while sheltering in place  
along with the rest of our country)*

Since our last newsletter, ANTEC 2020 was held or more correctly, presented and has been reported as a huge success! Special thanks goes to the SPE staff and all the Division TPCs and their committees as well as our speakers / presenters for helping make what could have been a very disappointing ANTEC if we went ahead with a face-to-face event in San Antonio. It was apparent that attendees would have cancelled the trip to ANTEC. Even many of our board members were forced to cancel their plans based on directives from their companies based on concerns for safety.

The move to what was called the “Virtual ANTEC 2020” featured most of the speakers that had already committed to ANTEC in San Antonio but the interesting change was that the presentations were put on one at a time over a series of weeks. Early reports are that this format was well received with attendance remarkably high. All the details are still being sorted out, but the numbers appear to support the assessment that this new way of presenting ANTEC was big success.

As you can imagine, this year's experience is forcing the SPE staff and the ANTEC organizing committee for next year and years to come to re-think our traditional ANTEC format. Stay tuned for more information as it becomes available.

Another important bit of news that has just broken is that the election of SPE officers and new Executive Board members has as of this morning been completed. Sadly our own board member, Louis Somlai, who ran for the newly established VP of Sustainability was not elected in what was one of the most competitive elections in recent memory. There were four nominees for this VP position, one of whom was Louis. There ended up being three separate elections since by the election rules, a candidate needs to have more than 50% of the vote to win, each time, the lowest vote-getting candidate was dropped before the next election. Louis made it up until the last ballot but ultimately lost to our newly elected VP.

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Continued on next page...

# COUNCILOR'S REPORT

Results of the election for all the positions which were up for vote:

**President-elect: Jason Lyons**

**VP Business / Finance: Edward Trueman**

**VP of Sustainability: Conor Carlin**

**Chair of the Council Committee of the Whole: Barry Morris**

Congratulations to our newly elected members who will serve with Jaime Gomez, SPE President who will become president at the change-over meeting to be held later this month (June). The SPE year starts July 1st when the new EB and all Divisions and Sections Board-of-Directors officially take office!

One final thought about Louis Somlai: Louis heard the call for interested SPE members to step up and run in the election for the position of VP of Sustainability. I had the privilege of observing Louis as he ran an aggressive campaign and I must say that it was impressive. Many of my fellow Councilors complimented me on nominating such a strong candidate and it is to his credit that he did so well against the ultimate winner, the incumbent, Conor Carlin. Thanks Louis!

I would like to hear from you about what you thought about ANTEC this year and if you think that SPE should continue to move to this new way of holding our yearly ANTEC in the future. As it now stands, ANTEC 2021 is scheduled to be held in person in Denver, CO from March 21 – 25, 2021. Please begin making your plans to attend!

Respectfully submitted,

Len Czuba

Medical Plastics Division Councilor

SPE President 2005 - 2006

Distinguished Honored Service Fellow of SPE

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Continued on next page...

# TREASURER'S REPORT



## TREASURER'S REPORT – Bhavin Shah

### Treasurers Report

Balance as of Mar 31, 2020 - \$ 30,322.29

#### INCOME

Income Type	Amount
SPE Chapter Dues	\$ 600.00

**TOTAL INCOME** \$ 600.00

#### EXPENSE

Expense Type	Amount
Payment to SPE - Chapter Microsite + Annual Fees	\$ 600.00

**TOTAL EXPENSE** \$ 600.00

FUNDS AVAILABLE AS OF JULY 6, 2020 - \$ 30,322.29

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](mailto:pierre.moulinie@covestro.com)),

Victoria Nawaby ([nawabyv@hotmail.com](mailto:nawabyv@hotmail.com))

Ned LeMaster ([ned.e.lemaster@dupont.com](mailto:ned.e.lemaster@dupont.com))



# UPCOMING EVENTS: Virtual Conference

## PLASTICS IN MEDICAL MANUFACTURING: THE VIRTUAL EDITION

### EVENT REGISTRATION PAGE:

<https://www.4spe.org/i4a/pages/index.cfm?pageid=5521>

Medical plastics and manufacturers making plastic medical products have been front and center in the news during this pandemic-created crisis. The making of ventilators and ventilator parts, gloves, masks, gowns and more is truly life-saving work. This conference will showcase the people, technologies and companies contributing to the battle and will talk about trends, strategies and opportunities for medical plastics manufacturers today. This virtual event will be filled with insights from medical plastics industry leaders!

Presentation topics will include:

- New materials for respiratory-related applications
- Materials and technologies for medical diagnostics
- New technologies in medical manufacturing
- Regulatory challenges and validation in time of crisis
- Manufacturing supply chain: challenges from re-tooling, social distancing to meeting tight timelines
- Design changes as a result of material limitations to get the same end result/effect for medical use
- New businesses resulting from new opportunities to leverage existing facilities while promoting positive economic impact (for example make medical parts instead of automotive)
- Innovation, manufacturing and regulations of medical gowns, masks, face shields, sheets and PPE
- 3D Printing and other methods as a solution for rapid manufacturing
- Increased safety through innovative distancing, isolation and sterilization technologies

Connect with other attendees during the virtual cocktail hour and networking breaks.

**Interested in presenting? Contact our conference co-chairs  
Victoria Nawaby, Ned LeMaster, Pierre Moulinié.**

## UPCOMING EVENTS: Virtual Conference

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

### GOLD SPONSORS



### SILVER SPONSORS



Interested in presenting? Contact our conference co-chairs  
Victoria Nawaby, Ned LeMaster, Pierre Moulinié.