

## 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 excited to highlight that our annual elections were held as planned and we have 5 newly elected Board of Directors. I would like to thank Pierre Moulinié for coordinating the elections with support from SPE. We have talented and passionate Board of Directors and I am very confident that the MPD Division is set up for a strong future.

The Technical Programming Committee has done an amazing job by organizing successful events that have become the hallmark of our division. The MiniTec that was held during the MD&M week in Anaheim was an extraordinary event with excellent speakers and exhibits. I would like to congratulate Ned LeMaster for spear heading the event with support from Len Czuba and the entire TPC. Our division also co-hosted with MD&M organizers a one-day event on Materials for Medical Devices and Drug Delivery along with a panel discussion on sustainability. I would like to thank Len Czuba for leading this event as we received very positive feedback with record attendance for the day.

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# GREETINGS FROM THE CHAIR

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Our TPC co-chairs, Ajay Padsalgikar and Amin Sedighiamiri, once again led the technical programming for ANTEC and were instrumental in reviewing and selecting excellent papers for the virtual ANTEC that will be held on April 21. Please attend the event and support our speakers. Finally, our Webinars have an excellent series of topics that are very relevant to our industry and would like to thank the Webinar team lead Victoria Nawaby for this great initiative.

MPD By-Laws committee (Maureen Reitman, Pierre Moulinié, Louis Somlai and Len Czuba) revised the By-Laws with feedback from the BOD. This was a very time-consuming process with several revisions and meetings, and very grateful that the committee finalized the By Laws which are now available to everyone on our website.

I would like to congratulate Glenn Beall to be our first "Emeritus Member" of the MPD BOD. Glenn was one of the founding members of the MPD division and served as the Chairman of the division for the 1984 - 1985 SPE year. He was the mentor behind most of the new incoming chairmen and is still involved with SPE and regularly attends ANTEC.

We have a strong membership following which has been steadily growing. Currently, we have approximately 600 members and would like to encourage everyone to renew the membership. In addition, I would like every member to spread the word of the benefits with the MPD membership so that we can attract new members. Please reach out to our Membership Co- Chairs, Ravi Ayyar and Jennifer Hoffman, if you have any questions.

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

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

**Please email Vipul Davé**  
**[VDave1@its.jnj.com](mailto:VDave1@its.jnj.com)**



# GREETINGS FROM THE CHAIR

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

Thank you to Covestro and PolyOne for being our sponsors! We welcome more sponsorship from companies to display their information in our award-winning newsletter and various social media forums.

This is my last greetings as the Chair of the MPD. I am truly humbled with several accomplishments that were made during the last two years as the Chair of the Division. I am very impressed with the team of our Board of Directors that has a collaborative spirit and a winning attitude to make a difference for the Medical Plastics Division. It has been an honor to serve as the Chair with this amazing team and would like to thank all of them for their passion, dedication and hard work!

At your service,

Vipul

**Do you have questions about MPD Membership?**

Please email Ravi Ayyar  
rayyar@lilly.com

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

Please email Vipul Davé  
VDave1@its.jnj.com

# MEET YOUR SPE MPD BOARD OF DIRECTORS

## MPD Board Members with Term Expiring in 2021



### **Ali Ashter, Hologic Inc**

- Chair Elect
- 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](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)



**Michael Wallick, Invibio**

- Awards Committee co-Chair
- [mwallick@invibio.com](mailto:mwallick@invibio.com)



# 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**

- 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**

- UPDATE
- Gregorio.Velez@stryker.com



# MEET YOUR SPE MPD BOARD OF DIRECTORS



## Vipul Davé, Johnson & Johnson

- Division Chair
- VDave1@its.jnj.com



## Pierre Moulinié, Covestro

- Past Chair
- 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 Vipul Davé  
VDave1@its.jnj.com



# MEDICAL PLASTICS DIVISION COMMITTEES

<p><b>Vice Chair</b> <b>Ali Ashter ('20)</b></p> <ul style="list-style-type: none"> <li>• Education Committee Oversight</li> <li>• Membership Committee Oversight</li> </ul>	<p><b>Division Chair</b> <b>Vipul Davé ('20)</b></p>	<p><b>Past Chair</b> <b>Pierre Moulinié ('22)</b></p> <ul style="list-style-type: none"> <li>• Awards Committee Oversight</li> <li>• Assistant Treasurer</li> <li>• Nominating Committee</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</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 Vipul Davé**  
VDave1@its.jnj.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: [somlai\\_louis@lilly.com](mailto:somlai_louis@lilly.com)

As you may already know, the 2020 elections for the MPD Board of Directors has recently closed. Thank you for your vote, encouragement, and support to continue another 3-year term of board service.

I would like to extend a hearty congratulations to my fellow 2020-2023 elected board members: Ravi Ayyar, Ajay Padsalgikar, Gregorio Velez, and Nathan Rader-Edkin. Congratulations and welcome to others who are serving a 1-year BOD appointment: Selvaanish Selvam and Suneel Bandi

As 1Q2020 draws to a close, I sit back in amazement at the amount of activity since our last newsletter. A big thanks to Pierre Moulinié for coordinating the 2020 MPD BOD elections and providing some great photos from his travels to Pharmapack 2020 held in Paris, France; more details inside this newsletter!

For those members who were unable to attend the 3rd annual MPD MiniTec and 2020 Medical Design & Manufacturing Expo (MD&M West): you missed a fantastic conference. The MiniTec technical program was well attended; please see the photos in the Events section of the newsletter.

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

**Newsletter Suggestions? Interested in Sponsorship?**

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



# NEWSLETTER EDITOR

## GREETINGS FROM THE NEWSLETTER EDITOR

As many of you already know, ANTEC 2020 is moving to a virtual format due to the COVID-19. If you haven't done so already, please visit the SPE website at [www.4spe.org](http://www.4spe.org) to learn more.

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 reach out to me directly via email ([somlai\\_louis@lilly.com](mailto:somlai_louis@lilly.com)).

This will be my last MPD newsletter for the near future. I wish to pass along my congratulations to Vijay Kudchadkar, who has agreed to take over the MPD Newsletter Editor role. Welcome Vijay!

I will remain serving on the MPD BOD in the capacity of Communications Chair and MPD Website Master. 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)

Finally dear readers, I wanted to make you aware that Len Czuba has nominated me the VP of Sustainability role on the SPE Executive Board. My nomination materials will be posted shortly – I would appreciate your support so please encourage your councilors to vote for me.

Best regards,

Louis Somlai  
MPD Communications

**Newsletter Suggestions? Interested in Sponsorship?**

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

<b>Sizes Available</b>	(Full Year 2020; 4 issues)	
	<i>Full page (8.5"x11")</i>	\$1,500
	<i>Half page (4.3"x5.5")</i>	\$850
	<i>Quarter page (2.1"x2.8")</i>	\$450
	<i>Eighth page (1.1"x1.4")</i>	\$250

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 Louis Somlai at 317.209.4719 (email: [somlai\\_louis@lilly.com](mailto:somlai_louis@lilly.com)).

Thank-you for your support!

## Newsletter Suggestions? Want to Advertise?

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

The SPE Council, in response to the new way of conducting business and having meetings during this COVID-19 pandemic, held the 2020 ANTEC Council meeting on-line via Zoom video conferencing platform. SPE Governance and Headquarters Senior Staff together reached the decision in following all the U.S. government and CDC guidelines that ANTEC in San Antonio needed to be cancelled. To accommodate and preserve the health of our members, exhibitors, presenters and attendees, all in-person ANTEC activities were cancelled for this year. This was a dramatic move but the COVID-19 situation which we all face was a difficult but inevitable decision. ANTEC 2020 will now be Virtual ANTEC!

To accommodate the “new normal”, our Spring, ANTEC Council meeting was rescheduled and held on 27Mar20 as an on-line meeting. There was very good attendance and although much of the details often provided during meetings and of course discussion that follows these presentations was severely limited, there was much information provided. And the summary presentations that were sent out following the meeting are excellent summaries that are available to all SPE members but especially for our Sections and Divisions boards of directors. See these files in the MPD website found via the SPE home page.

The Council meeting was well attended including several Councilors or proxies calling in from outside the US and North America. After the traditional call to order by President Brian Landes, the standard opening announcements were made or read, the agenda was accepted and roll call was done. The approved agenda is available for you reference. Minutes of the November 2019 Fall Council meeting were approved (with minor typo edits). Copy of the approved minutes are available for review.

Society Treasurer, Jeremy Dworshak then presented his financial report showing year-end numbers for both 2018 and 2019. Strong performance of our investments, a good exhibition at ANTEC in Detroit and diligent control of expenses by HQ, allowed us to close the year with overall income matching expenses for the year. He mentioned that with ANTEC so recently changed from our traditional in-person event to a Virtual ANTEC we don't yet know how this change will affect our finances. More on this from President Landes in his remarks.

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# COUNCILOR'S REPORT

A moment of silence was observed to note the passing of 1977-1978 SPE President Larry Broutman from Chicago. He was both a dynamic leader, an IIT professor, a fantastic wildlife photographer, respected polymer scientist and founder of L.J. Broutman and Associates as well as a friend. He will be missed.

SPE President Brian Landes then gave his remarks and began by discussing the dramatically different ANTEC that will be presented this year. President Landes said that it was only able to be changed from the in-person event to this new concept of a "Virtual ANTEC" by the tremendous work and efforts of the SPE HQ staff as well as the volunteers that helped many of whom were from the Technical Program Committee. The details of who will present and what papers and when have been for the most part worked out and the program is available at the ANTEC website on SPEs homepage. All papers will be presented live electronically, similar to webinars. Only one paper will be broadcast at a time and the thought is that all the papers will be presented over the next several weeks. Most of the accepted speakers for San Antonio have agreed to present electronically and in fact several of the papers that, because of space were rejected were offered a chance to present. This will allow more papers than were originally scheduled for ANTEC including a number of papers that would have pulled out because of travel restrictions.

Regarding attendees, all students will be allowed free attendance to all the papers. Most of the pre-registered attendees have agreed that they will transfer their registration to this new format. Others are being worked out so there is no telling how it will all work out. However there appears to be more people signing up now that it is offered Virtually than the in-person event would have brought in. So in spite of the awful situation related to COVID-19 and the challenges it brings to SPE and the ANTEC organizers, SPE in general may not take a huge loss; and that is good news!

Dr. Landes continued. The change of ANTEC in light of the situation in the world has brought to mind that SPE may need to change in other ways to continue to be relevant and meaningful to our members and our industry. He gave examples of how this is being done and he hopes that new and better ways will continue to be found and used. He welcomed any ideas and thanked those already involved with some of the new offerings.

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# COUNCILOR'S REPORT

The next part of the meeting was dedicated to the Bylaws and Policies of the society as past committee chair, Bruce Mulholland led the discussion. Several changes were related to how the society has needed to change the way Council does the business of the society. An effort going back several years has been to allow the Council to become more strategic in its responsibility while leaving the logistical decision-making with all the related details to the Executive Board (EB) allowing faster decision-making, giving SPE the ability to be more nimble and beginning to again let Council to focus on long-term actions that provide growth for the organization in ways that keep us relevant and meaningful.

One of the changes that was made was to rename the VP of "Marketing & Communication" now on the EB, rename the position "VP of Sustainability". During the last two years, this topic has become particularly acute in the minds of the public and it was suggested by having a dedicated position on the Executive Board who has this role, SPE can better serve the needs of our Society and the broader society in general as this topic involves plastics .(Just as an aside, the elections for SPE officers will be conducted in the next several weeks by Council. One of our own board members, Louis Somlai, has accepted the nomination for the newly designated VP of Sustainability. I believe that Louis would do a terrific job in that position and was honored to have nominated him for that position. I wish him well as he seeks to serve SPE in this role.)

Past President Brian Grady as chair of the nominations committee reported on the candidates running for each office and opened the floor for other nominations. The one position which had not yet been opened for nominations was for the Chair of the Council Committee of the Whole. Nominations were accepted, candidates confirmed and then all nominations were then closed. The final slate of candidates will be made available prior to an on-line "meet the candidates" meeting for Council. Then voting by Councilors for each position will follow. All the dates and times will be finalized shortly and details provided to Councilors.

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# COUNCILOR'S REPORT

The final presentation of the meeting was from SPE CEO, Pat Farrey who congratulated the team of volunteers that went well beyond what would have been expected to help SPE staff reorganize ANTEC to be presented beginning Monday March 30th at the same time it would have begun in San Antonio. The only difference was that now, with no threat of spreading any pandemic causing virus, all the papers would be given over the internet. Pat complimented the division TPCs who worked with their speakers in redoing the program and allowing this ANTEC to be presented in spite of all travel and medical restrictions. Congratulations to all!

Mr. Farrey then thanked the various Sections and Divisions that came forward with support for students at ANTEC. And he asked for continued support for our next generation plastics professionals. He shared about various ways SPE is responding to hot button issues such as helping with the COVID-19 pandemic, putting together relevant discussion topics on the Chain and introducing a new SPE Journal called "SPE Polymers". I did not get any details about this, so be on the look-out for more on the Chain.

Finally, Brian Landes opened the floor for Unfinished Business and then New Business. Neither area had anything brought up by the attendees.

Because of the abrupt change in plans in cancelling our meetings in San Antonio, the next meeting time and place has not been determined. Councilors will be advised as soon as this information is available. President Landes then thanked everyone for their attendance and participation and formally closed the meeting.

Respectfully submitted,

Len Czuba

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



# TREASURER'S REPORT



## TREASURER'S REPORT – Ali Ashter Last Updated 31MAR2020

Balance as of Feb 4, 2020 - \$ 28,352.17

### INCOME

Income Type	Amount
2020 MPD Minitec Income	\$ 17,688.45
2019 4Q Chapter Passthrough Dues	\$ 650.00

**TOTAL INCOME** \$ 18,338.45

### EXPENSE

Expense Type	Amount
Minitec expenses paid to Southern California Division	\$ 16,368.33

**TOTAL EXPENSE** \$ 16,368.33

FUNDS AVAILABLE AS OF MARCH 31, 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))





## MPD Webinar – March 5<sup>th</sup>, at 12 PM EST

**Title:** Biocompatibility of raw materials for medical devices

**Abstract:** Starting with a biocompatible material is important for medical device manufacturers. However, regulation is pushing the manufacturer to ask for more information and more support from their suppliers. Biocompatibility on materials is critical to stay competitive and provide your clients with the needed information. Topics covered include: • An overview of ISO 10993-1 • MDR regulation regarding carcinogens, mutagens, and reproductive toxins (CMRs) for raw materials • Where is the line in responsibility for material supplier and device manufacturer? • What information and testing on raw material is useful for the biocompatibility of a final device?

## Audrey Turley, B.S., RM (NRCM), CBA (ASQ)

### Senior Biocompatibility Expert

Nelson Laboratories, LLC



Audrey Turley has over 20 years of experience working in research, laboratory, and test design functions in the medical device industry. She is a biocompatibility expert having performed all the *in vitro* tests offered at Nelson Laboratories, which include cytotoxicity (MEM and agar overlay), hemolysis (PTT, PT, complement activation, blood circulation, ASTM and NIH methods), and genotoxicity (Ames and chromosome aberration). Audrey is part of a team at Nelson Laboratories that recently completed round robin testing for an *in vitro* irritation assay in an effort to gain acceptance by regulatory bodies in the United States and Europe. Audrey works with medical device manufacturers around the globe to develop appropriate biocompatibility strategies to ensure compliance to standards and regulatory expectations.

Audrey is an active committee member of many working groups with the Association for the Advancement of Medical Instrumentation (AAMI):

- BE/WG 01 – Systematic Approach to BE and terminology
- BE/WG 02 – Degradation Aspects Related to Biological Testing
- BE/WG 03 – Animal Protection Aspects Working Group
- BE/WG 05 - Cytotoxicity
- BE/WG 06 – Mutagen, carcinogen, reproduction toxicity
- BE/WG 07 – Systemic toxicity
- BE/WG 08 – Irritation and sensitization
- BE/WG 10 – Implantation
- BE/WG 11 – Allowable limits for leachable substances
- BE/WG 12 – Sample preparation and reference materials





Pharmapack 2020 was hosted in Paris, France on 5-6FEB2020. Special thanks to Pierre Moulinié who attended and shared a few photos.

Launched in 1997, Pharmapack is the European event for Pharmaceutical Packaging, Drug Delivery, Medical Devices and Machinery.

Pharmapack started as a biannual conference and exhibition, taking place every other year in Paris, until industry developments demanded a more frequent event to help the industry stay up to date on the latest trends, developments and regulations.

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<https://www.pharmapackeurope.com>





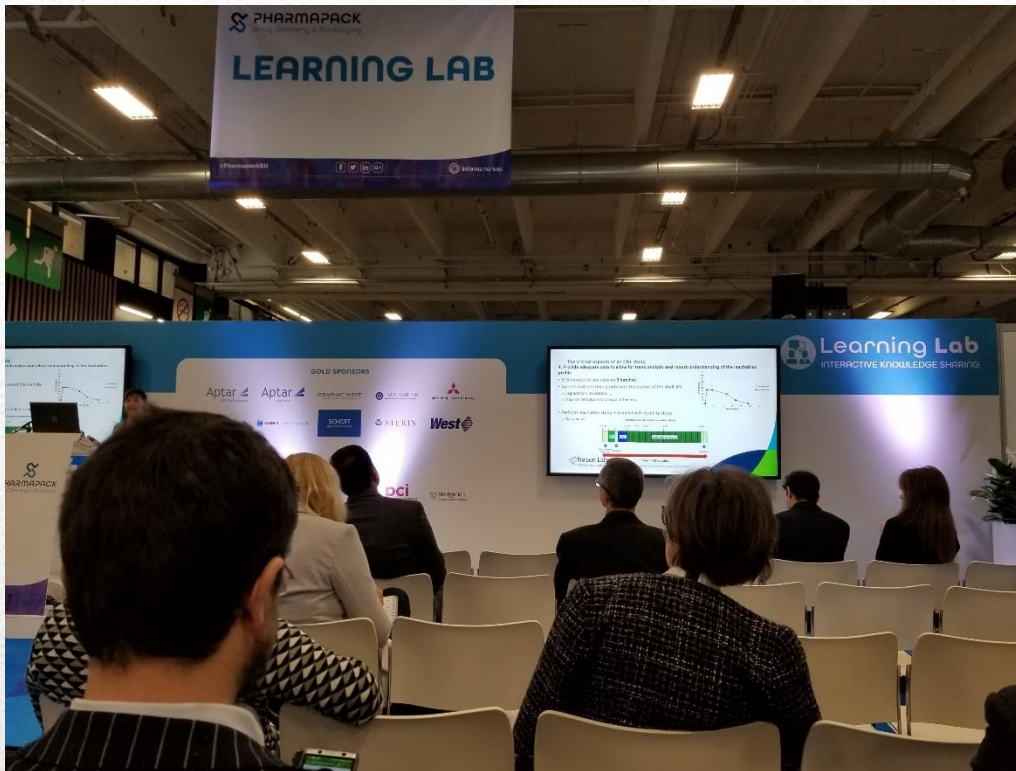
In the past 20+ years, the event has grown from a conference with a small table-top exhibition, to an event hosting 410+ exhibitors and welcoming 5,500 attendees over 2 days.

This year, a recurring theme at the presentations was Sustainability” and what Drug Delivery Manufacturers and Suppliers can do to lower waste and do more to “reduce, reuse and recycle”. If you are somehow working in the Drug Delivery space, this conference and convention is a must-attend event.

<https://www.pharmapackeurope.com>



# PHARMAPACK 2020



**Pharmapack 2020 : Learning Lab Event**



**Pharmapack 2020 : Circular Economy Lecture**





**Keynote Speaker: Maureen Reitman (Exponent)**

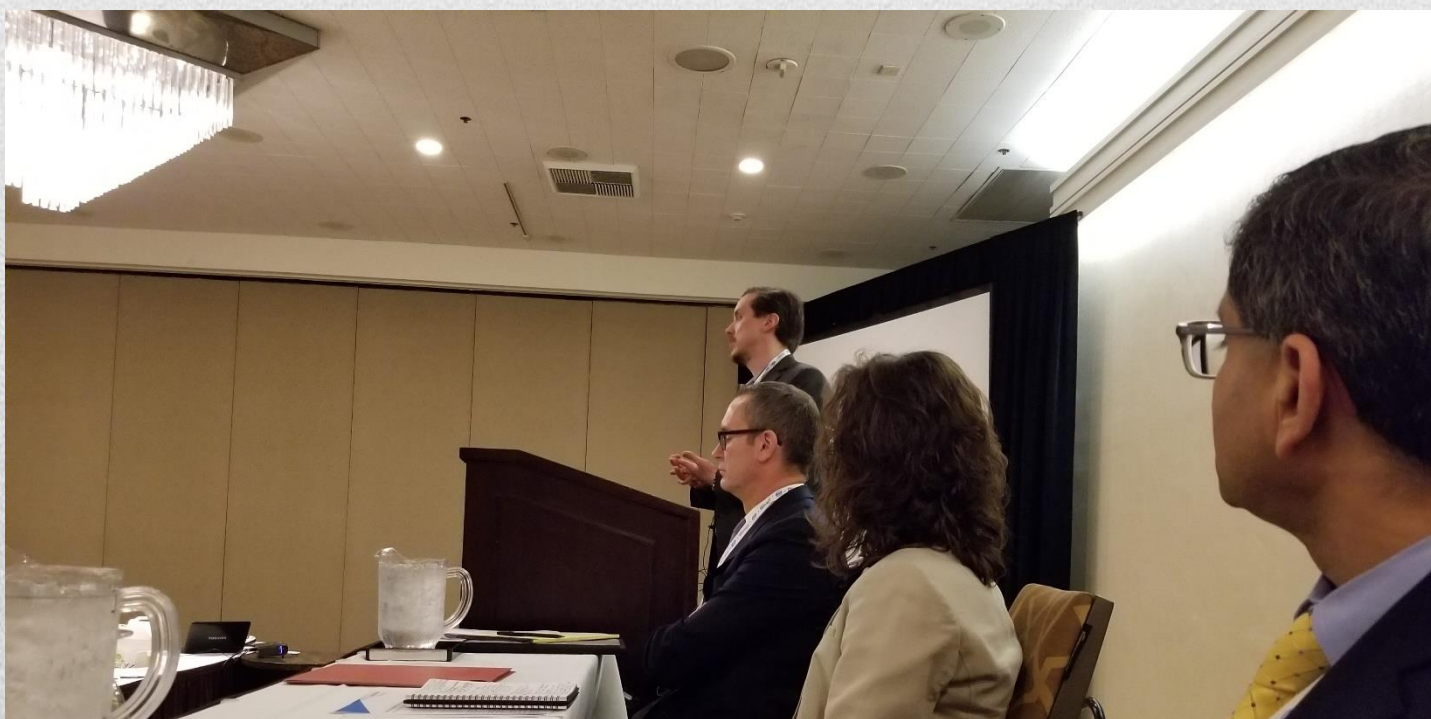


**MiniTec 2020 was well attended this year**





**The large open session room was ideal for both the technical presentations as well as table-top exhibitor sponsors and the poster session**



**Lunch panel: "Change Management in a Dynamic Regulatory Climate"; Panelists included George Southworth (Plastics), Ellen Turner (Eastman), Christian Herrild (Teel) & Vipul Davé (J&J) with Len Czuba serving as moderator**



# MINITEC 2020



**L→R: Mike Luehr (Dukane Corporation) and Ned LeMaster (DuPont)**



**L→R: Maureen Reitman, Michael Wallick, Ned LeMaster, Pierre Moulinié, Margie Hanna, Vipul Davé and Len Czuba**



# MINITEC 2020



**A big thanks to our MiniTec 2020 Table Top sponsors!!!**





**The Medical Design & Manufacturing (MD&M) West Conference was held in the Anaheim Convention Center in Anaheim, CA on February 4-6, 2020.**

**Part of North America's largest advanced design and manufacturing event, this trade show and conference brings together ~20,000 industry professionals for three days of industry immersion with opportunities for competitive research, comprehensive education, supplier analysis, and networking opportunities.**

**The 2020 event featured over 1,900 exhibitors and hours of expert-led sessions at the conference and expo including a special Medical Plastics Division Session moderated by our very own Len Czuba!**

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**<https://mdmwest.mddionline.com/>**





The Medical Plastics Division co-hosted a full day of presentations on Medical Device Materials at the MD&M West 2020 conference. The room was almost full throughout the day (*above*) and especially for the afternoon panel on "Sustainability, Environmental Responsibility & the Medical Device Community". Panelists were: Rob Chase (NextGen Surgical), Nick Packet (DuPont), Vipul Dave' (J&J) and Frank Pokrop (Quidel Corp.) and are pictured in this order (*below*)





# UPCOMING EVENTS: ANTEC 2020



**ANTEC® 2020**  
San Antonio, TX • March 30-April 2, 2020

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## THE ANNUAL TECHNICAL CONFERENCE FOR PLASTICS PROFESSIONALS

### Location

Marriott Rivercenter

101 Bowie Street

San Antonio, TX 78205

+1 212.223.1000



### Today's Ideas at ANTEC® are Tomorrow's Innovations in Plastics

ANTEC® 2020, produced by SPE-Inspiring Plastics Professionals, is the largest, most respected and well-known technical conference in the plastics industry. It's where classroom theory connects with real world solutions.

### Why should you attend?

ANTEC® 2020 represents the ideas, research and trends shaping our plastics industry. 420+ technical and business papers, including sessions and panel discussions focused on the highest questions being asked in the plastics community today — complete with networking, student and young professional events and exhibitor receptions.

### Who Should Attend?

SPE is comprised of 12,500+ members, all from diverse backgrounds and careers — ANTEC® is no different. Managers, engineers, R&D scientists, technicians, sales & marketing associates, executives, academics and students are all invited to enhance their career in plastics through this networking and knowledge sharing event.

**The MPD TPC welcomes you to submit an abstract**

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# UPCOMING EVENTS: ANTEC 2020



**ANTEC® 2020:**  
THE VIRTUAL EDITION

THE ANNUAL TECHNICAL CONFERENCE FOR  
**PLASTICS PROFESSIONALS**

Dear Plastics Industry Colleagues:

While we were all optimistic that SPE's annual ANTEC® conference could proceed as planned, the escalating concerns about COVID-19 and how it could affect our attendees' health and well-being makes doing so impossible.

**We will not be holding ANTEC® in San Antonio this year.**

But, there is **good news!** Announcing **ANTEC® 2020: The Virtual Edition.**

ANTEC® is the premier knowledge-sharing and networking event for the plastics industry. So even though corporate travel bans and social-distancing requirements have made the networking part of ANTEC® impossible, the knowledge-sharing will go on!

We know you have a lot of questions. [Please see the FAQs for more information.](#)

Thank you all for your patience and support as we worked together through this difficult decision!

We look forward to "seeing" you at **ANTEC® 2020: The Virtual Edition.**

Dr. Brian Landes  
President

Patrick Farrey  
CEO

More information at [www.4spe.org](http://www.4spe.org)



## **ANTEC 2020 - The Virtual Edition Medical Plastics Division Tuesday April 21, 2020**

**1:00 - 1:30** “Development of Innovative Biocidal Nanoparticles For Use In Plastics Technology” presented by Ruben Schlutter

**1:45 - 2:15** “Long- and Short-Term Tensile Strength and Morphology of Joined Beta-Nucleated Polypropylene Parts” presented by Andrea Wübbecke

**2:30 - 3:00** “Modeling of Heat Generation in Spin Welding” presented by Miranda Marcus

**3:15 - 3:45** “The Effect of Argon Plasma Irradiation On 3D Scaffolds For Bone Tissue Engineering” presented by Katherine Wood

**4:00 - 4:30** “Effect of Photoinitiator Concentration and Curing Time on Soybean Polyethylene Glycol Resins” presented by Kaetlyn Byers

**4:45 - 5:15** “Chemical Resistance Testing of Polycarbonates and Blends With Hospital Disinfectants and Cleaners” presented by Paul Nowatzki

*Note: all times are Eastern Daylight Time (EDT)*