



Mold Making & Mold Design

Division of Society of Plastics Engineers



Message from the Chair

As we complete our 2012 – 2013 Operating Year and prepare for 2013 – 2014 I think it a good idea to take a moment and reflect on our successes, thank those who made them possible and layout the plan for the coming year.

2012 – 2013 saw the return to our board of Glenn Starkey. He came back to head up a key position in our leadership, that of Technical Program Chair. When Glenn came back to us he brought along a young woman full of energy and organizational skills second to none. That person is Ms. Cyndi Kustush. We owe them both a great deal of thanks for the success we experienced at ANTEC 2013.

After nearly a decade away from the front line leadership of the division, Glenn has rejoined the board and has a large vision for re-establishing our organization as the premier outlet for information exchange related to Mold Making and Mold Design anywhere in the world. He has challenged the board to redefine our mission and “Improve Our Serve” (sorry Dr. Swindoll, I had to borrow that from your book of similar title.)



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Moldex3D donates \$2 million in software to University of Akron.

By Clare Goldsberry
Published: August 21st, 2013

The University of Akron’s Department of Polymer Engineering received an in-kind donation of Moldex3D injection simulation software from CoreTech System Company Ltd., valued at \$2 million, according to a release

from the University. The software allows manufacturers to design and simulate the flow of polymers into complex mold designs to prove the CAD model and reduce errors and product development costs, expediting

Click Here for the full story
www.plasticstoday.com



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Message from the Newsletter Editor

Good day, all.

ANTEC this year was fantastic, it was great to see so many in attendance. We had many new and innovative presentations, especially within the Mold Making and Mold Design division, please take a moment to review the photos and topics they presented. If you like to learn more you can go to the [SPE](#) website and search by section and/or topic.



Respectfully,

Anthony Lauzon

SPE Mold Making & Mold Design Division 2012 Division Chair Elect, Newsletter Editor and Secretary

Words of Inspiration

Life has no smooth road for any of us; and in the bracing atmosphere of a high aim the very roughness stimulates the climber to steadier steps, till the legend, over steep ways to the stars, fulfills itself.

W. C. Doane

Division Hotline:

For Questions or Comments about the SPE Mold Making & Mold Design Division Contact Scott Peters at:

spemmmd@gmail.com

Or phone at : 270-215-1503

Message from the Chair cont.

Cyndi came along side and provided the glue that held many of the ideas together for what was an excellent ANTEC Program. Additionally she worked tirelessly to bring about a fantastic Engineering Session at Amerimold 2013. Building on that experience our board voted unanimously to appoint Cyndi to a one year term as a Director of the Division. This changes her title only as Cyndi functioned in an Ex-Officio role during the past year.

2013 saw the resignation of two long term supporters of the division and we bid farewell to Glenn Beall and Fred Steil. Oddly enough though Glenn was seen staffing our booth at Amerimold, so while he isn't officially a member of our board any longer, he still bleeds dielectric fluid...

Speaking of Amerimold 2013, we announced the Mold Maker of the Year and Mold Designer of the Year during the event (further details are found in the newsletter.) Additionally we awarded 3 annual memberships and a fully paid ANTEC registration (or paid ad in our newsletter) to paid participants in the Engineering Track Conference.

It isn't too soon to consider your nominations for the two awards – the listing of recipients reads like the Who's Who of Mold Making and Mold Design.

Well aside from the numerous board meetings (5 in the past 12 months) that pretty much sums up our activities in 2012 – 2013. Now let's look ahead at the coming year...

2013 – 2014 has already started off exceptionally well. Not only do we have Cyndi as a new member of the board but we also have Brenda Clark – HASCO Corp – joining our leadership. Vic Baez is back for a full term as is Brian Lather. A full division Organization Chart can be found in this newsletter. For now let me introduce the Executive Committee:

Wayne Hertlein will remain for another year serving as Immediate Past Chair and Treasurer.

Tony Lauzon will continue on for another year in the roles of Newsletter Editor and Division Chair Elect.

Vic Baez will assume the role of Division Secretary on July 01.

Glenn Starkey will remain Technical Program Chair and will have the friendly voice of Cyndi Kustush as his Co-Chair and Assistant.

Barbara Arnold-Feret will finish her 6-year term as Division Council

And I will finish my second term as Division Chair

Looking ahead in 2014 we are considering another "Regional Top-Con" Topical Conference and would like your input on the best location and subjects... Time is short so we need your ideas quickly...

We have an immediate need in our Education Foundation – that of a Foundation Chair. The Mold Making and Mold Design Division is the only technical division in SPE that has its own Education Foundation – the ITQ (short for Ivar T. Quarstrom – the founder of D-M-E.) Foundation has to ability to raise and distribute monies to educational endeavors in the form of Grants and Scholarships. We are seeking energetic and enthusiastic team mates to head up the foundation and to locate those opportunities to further our support of this vital industry in the US and abroad. Please consider joining the division leadership in this role...

We are still at work looking for ways to have a lasting legacy from the division within the academic realm. ***Your input will be greatly appreciated on this point!***

As we break for the summer, rest assured that the board is still at work. We have a budget to pass and planning to do for ANTEC 2014.

I wish you all a safe and sane summer – see you in the next edition!



Scott L. Peters
Division Chair
2012 - 2014

Board of Directors

Division Chair

Inter-Society Liaison

Scott L. Peters **

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E-mail: brian.lather@yahoo.com

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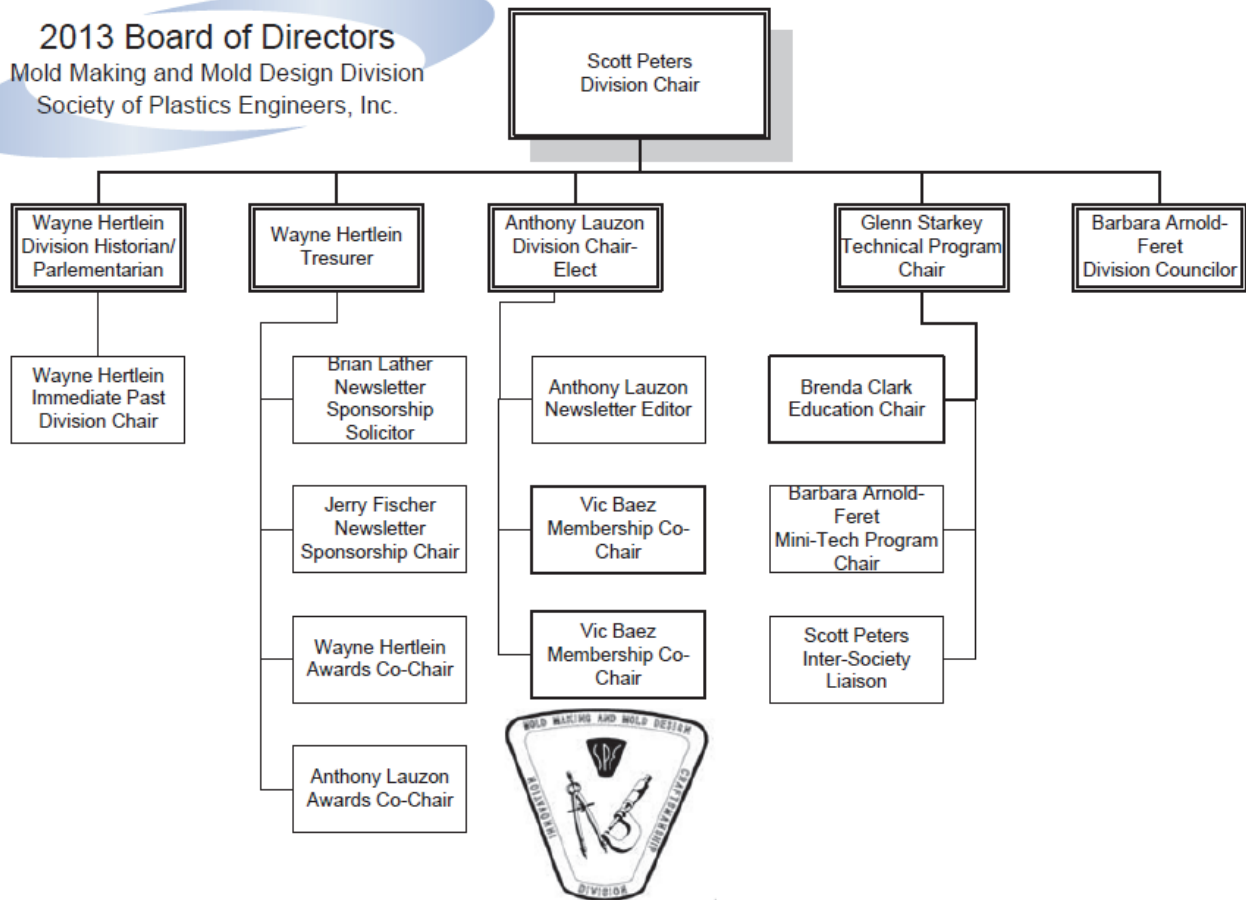
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Phone: 828-650-2600

E-mail: BCClark@hasco.com

Note: ** Indicates Past Division Chair

2013 Board of Directors
Mold Making and Mold Design Division
Society of Plastics Engineers, Inc.



Newsletter Sponsorship

Newsletter Publication Release Dates

Spring Issue
June

Summer-Fall
Issue
October

Winter Issue
February

The newsletter of Mold Making & Mold Design Division of SPE is issued three times a year to over 1500 members worldwide. The readership is composed of individuals involved in all aspects of the mold making industry. These issues are made possible through the support of sponsors shown in this Newsletter. Mold Making & Mold Design Division of SPE thanks these sponsors for their generosity and encouragement in the publishing of our Newsletter.

For information on sponsorship
of future issues, contact:

Anthony Lauzon,
Newsletter Editor

Ph: 802-859-8071

E-mail: alauzon@husky.ca

Or

Jerry Fischer, Sponsorship Chair

Ph: 580-726-5290

E-mail: Jerry@tntmold.com

SPONSORSHIP RATES

SIZE	Yearly Rate	Per Issue
1/10 page (1.87h x 3.62w biz card)	\$250	\$90
1/4 page (4.87h x 3.62w)	\$625	\$225
1/2 page (4.87h x 7.25w)	\$1,250	\$450
Full page (10h x 7.25w)	\$2,500	\$900

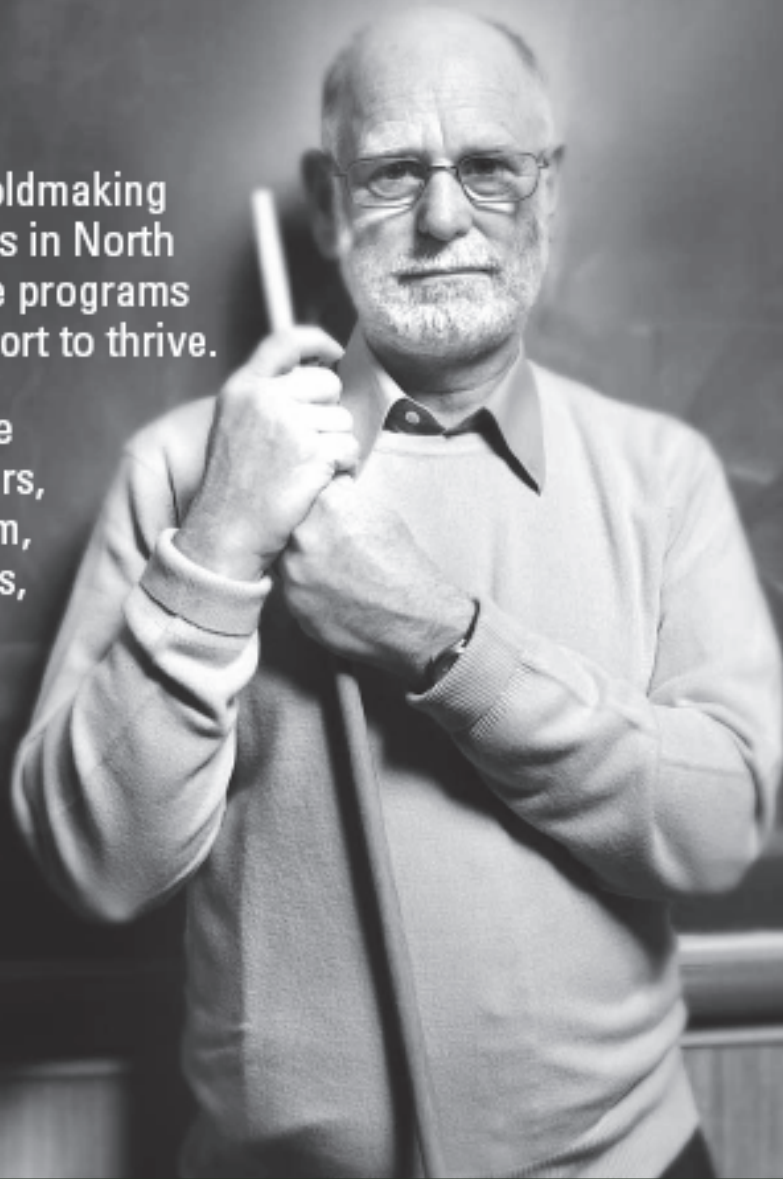
Preferred output: Electronic transfer (BMP, TIFF, PCX, JPEG)

Alternate output: Camera ready art (or business card)

HELP ME TEACH

There are many moldmaking education programs in North America, and these programs need industry support to thrive.

Join companies like D-M-E, MoldMasters, MoldShopTools.com, Inland Technologies, Husky, Progressive Components, PCS, ProMold, and e-trode in this investment in the future.



I.T. QUARNSTROM FOUNDATION

We are a non-profit working in cooperation with the SPE Mold Making and Mold Design Division. To become a sponsor, email us at info@itqfoundation.org or visit www.itqfoundation.org.
63 W. Breitmeyer Place | Mt. Clemens, Michigan 48043

Message from the Chair—Letter of Recognition

12-Jun-2013

Mrs. Cyndi Kustush
Progressive Components, Inc.
235 Industrial Drive
Wauconda, IL 60084

Dear Cyndi:

Thank you seems such an impersonal and trite phrase these days. This is especially true when an individual goes so far above and beyond the call of duty in achieving great success.

Thus far in 2013, the Mold Making and Mold Design Division has been part of two major events. The first was the SPE ANTEC Conference in Cincinnati, OH and now the Amerimold Conference and Exhibition in Rosemont, IL. Both of these required the soliciting of technical papers, coordination with the event planners and close execution on the days of the events. In both of these there were times of high pressure, uncertainty and anxiety for all involved. You, I am sure were most anxious at times when it seemed you were calling into a "Black Hole" looking for the support of the leadership of the division, and not always getting it exactly when needed. But you have persevered and I hope come out on the other side no worse for the wear.

Cyndi, had it not been for your creativity, energy and attention to detail I am quite certain that one or both of these events would not have come together. You have assisted our division in innumerable ways in the past year. Our successes rest squarely on your shoulders as you have been the glue that held it all together. From attending TPC Coordination Teleconferences, to following up on paper and presenter status, to chasing down room reservations for the conference you did a fantastic job and one that is worthy of notice.

It is for that reason that the Mold Making and Mold Design Division of the Society of Plastics Engineers, Inc., have decided to send this letter of thanks and to present you with a small gift that we hope you and your husband will put to good use.

I understand from talking with Glenn that you are also celebrating a mile-stone year with Progressive Components. Congratulations on your 10th anniversary with Glenn and the team.

Given that you have recently accepted a 1-year appointment to the board of the Mold Making and Mold Design Division, we look forward to having you working alongside, as a team-mate in propelling our organization to new heights of excellence.

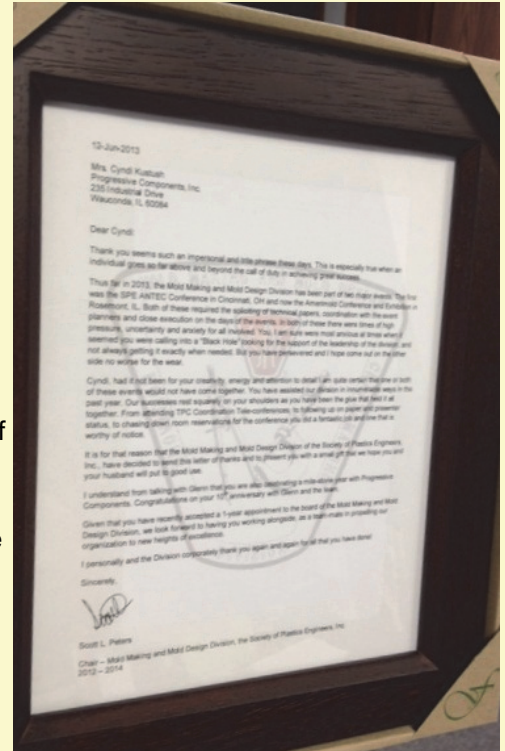
I personally and the Division corporately thank you again and again for all that you have done!

Sincerely,



Scott L. Peters

Chair - Mold Making and Mold Design Division, the Society of
Plastics Engineers, Inc.
2012 - 2014





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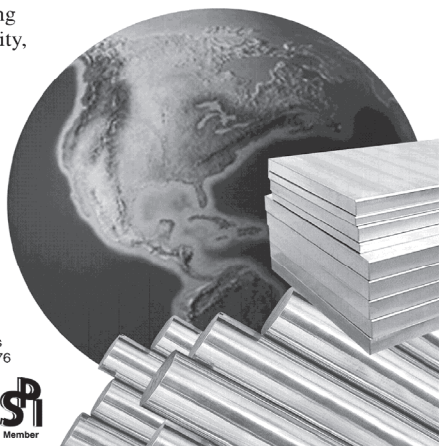
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progressive (pro-gres-iv) adj.
Making use of new ideas, findings or opportunities. Advancing past practices.

Progressive (pro-gres-iv) n.
The source that leads with innovation.
For those who demand it.

SETTING HIGHER STANDARDS

At Progressive, we're defined by our dedication to advancements for production tooling. Serving customers who seek more than the status quo to advance their company's position and profitability. Progressive establishes—and reestablishes—the standards for:

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Progressive is more than just our name. Advancing your standards...is our mission.



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YOUR COPY OF TODAY'S STANDARDS

Calendar of Industry Events

Society of Plastics Engineers—CAD
RETEC 2013—Color Comes Alive

September 22-24, 2013
Baltimore, Maryland, USA

Society of Plastics Engineers—SPE
Thermoforming 2013 Conference

September 23-26, 2013
Atlanta, Georgia, USA

Society for the Advancement of
Material and Process Engineering
(SAMPE) - SAMPE 2013

October 21-24, 2013
Wichita, Kansas, USA

Reed Manch Exhibitions Ltd- India
Composites Show 2013

October 24, 2013
New Delhi, India

Plastics Caps and Closures 2013

November 4-5, 2013
Nice, France

European Plastics News—
Plasticisers

December 3-4, 2013
Brussels, Belgium

The 11th National Conference And

Technology Exhibition On Indian
Medical Devices & Plastics
Disposables Industry 2014

January 10-11, 2014
Ahmedabad Gujarat, India

Plastics Recycling Conference

March 11-12, 2014
Orlando, Florida

AMBA Winter/Spring 2013 Business Forecast Survey Results

For Immediate Release

November 5,, 2012

Contact: Kym Conis

AMBA Managing Director

847.222.9402 kconis@amba.org



Mold Building Industry Remains Strong

AMBA's Winter State of the Business Report

Rolling Meadows, IL: Most mold building executives understand that the 4th quarter of any year brings about significant challenges as customers and OEMs define coming year budgets and often become hesitant to make decisions at the year's end. This year, items multiplying the impact of the traditional year-end include speculation about the plans of the re-elected administration and how the decision makers will handle our country's fiscal responsibilities to both its citizens and its debt holders. However, the numbers reported by over 80 different firms across the United States in AMBA's most recent economic survey indicate a more positive outlook on future growth than expected, and the outlook for the moldmaking industry in general seems strong and steady.

Although there are some tooling shops that are struggling, the general population of moldmakers in the US is seeing very good market conditions. Currently, slightly over 8 out of 10 of the surveyed participants indicated that current business conditions are either excellent or good, (with the overwhelming majority reporting good) and 17 percent reported business being at least fair.

When considering business conditions, moldmaking executives often look at their backlogs and 90-180 day sales pipelines to obtain the proverbial "gut" feel of their own situation. However, adding to the positive outlook is the fact that profits also are being maintained. From the last survey AMBA conducted in the fall of 2012, over 60 percent of the survey participants indicated that profits remained the same compared to today, where over 70 percent are now reporting their profits as remaining steady.

Those indicating profits are down also have improved from the last survey period moving from 20 percent to 16 percent of the participants reporting profit declines. (With this being said, there does exist a cautionary flag about profitability that must be noted. Beginning at the start of 2012, a decreasing trend line shows the number of moldmaking executives identifying profits as being "up" has been on a consistent decline for the last four quarters - nearly half of the positive responses received slightly over one year ago.)

With this said, projections are even stronger with 93 percent of the mold building population forecasting that the business will increase substantially, moderately or remain the same. Fortifying the outlook is the fact that the Society of the Plastics Industry (SPI) indicated in mid-December that the value of exported molds grew by 18 percent during the first nine months of 2012. Laurie Harbour, president of Harbour Results, a global manufacturing consulting firm with strong expertise in the moldmaking industry, recently indicated that "we have seen this demand continue through the final quarter of 2012." Based on the backlog and demand

Continued on page 12

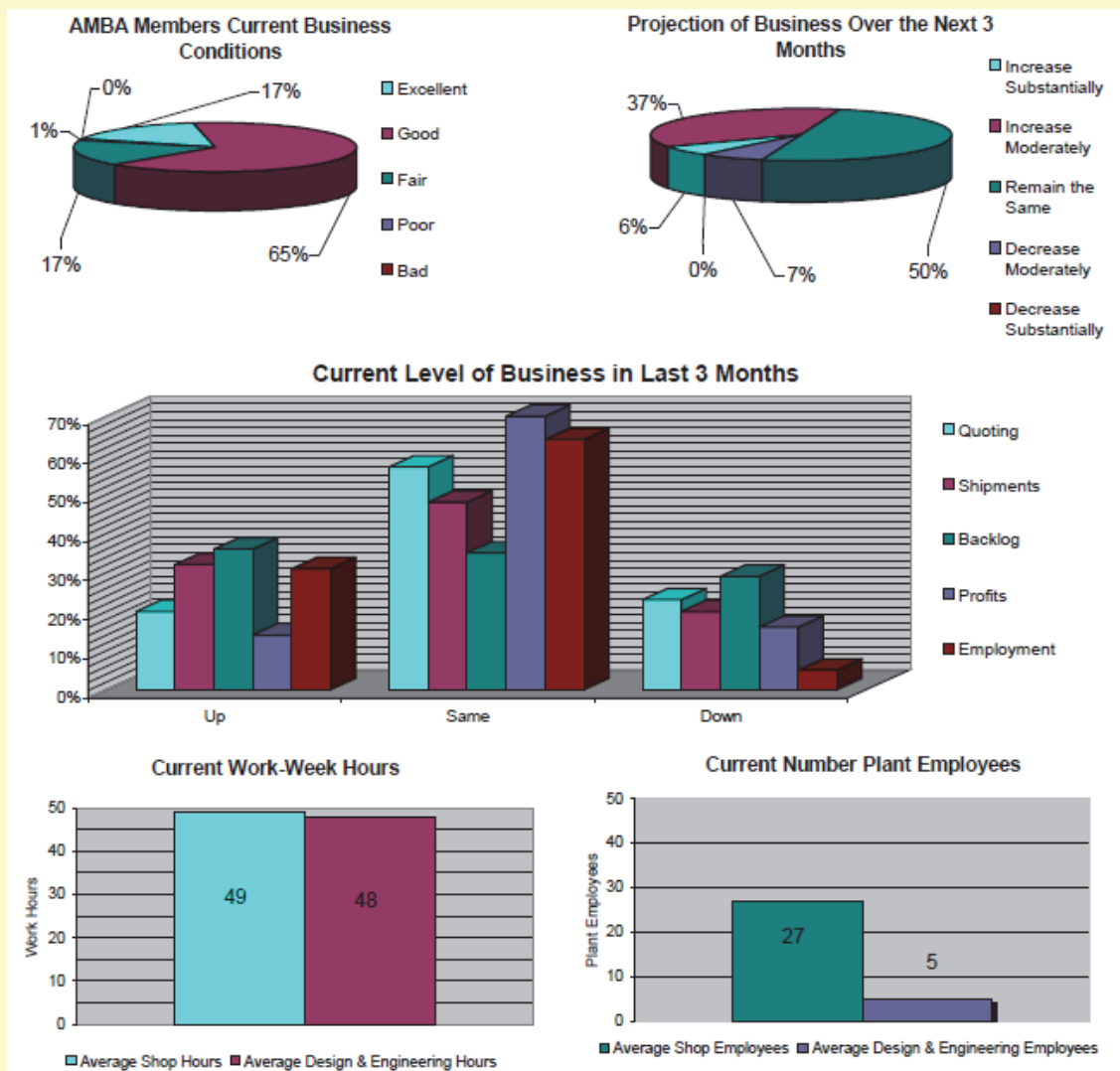
AMBA Winter/Spring 2013 Business Forecast Survey Results

seen with many moldmakers in Harbour's client base, Harbour has every expectation this will continue well into 2013. Finally, 95 percent of survey respondents have maintained or increased their workforce levels while the "work-week" hours have remained extremely consistent over the last 18 months, running at a median of 50 hours. This is significant because it continues to indicate a very steady business climate for the majority of moldmakers. Overall, the data reported in this 1st quarter survey shows the moldmaking industry to be stable with strong growth ahead for the coming year. For more information on the AMBA, visit www.amba.org.



AMBA Winter/Spring 2013 Business Forecast Survey Results

The AMBA Business Forecast Survey was developed to provide AMBA members with information on the current business conditions and a projection of the upcoming months. The Winter/Spring 2013 Survey resulted a response rate of 38% from AMBA members. Business remains "Good" for 65% of the respondents, and for 17% of the respondents it is "Excellent."



3D PRINTING AND PLASTICS MANUFACTURING

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\$65 advance registration (*expires October 1*) **\$125** regular registration

Contact Barbara at

817-271-3574

or

ntxspe@airmail.net

to register or exhibit now.



Photo courtesy of Stratasys

Registration includes:

- **Seminar materials**
- **Admission to tabletop exhibits**
- **Hot breakfast buffet.**
- **Lunch buffet.**
- **Introductory SPE membership rates.**
- **Technical speakers.**
- **Q & A Sessions with experts.**
- **And more!**

SCHEDULED PRESENTATIONS

8:00	Tabletop set-up.
8:30	Registration opens—breakfast buffet opens.
9:00	Introduction and Welcome
9:15	3D printing and Technology Overview—the Alphabet of Technology from FDM to LENS and more.
10:15	Break
10:30	FDM and MJM machines and materials
11:15	CAD and STL file issue
Noon	LUNCH
1:00	SLA and SLS machines and materials
2:00	Low cost RP/3D printers
2:30	When to use a service bureau
2:45	Break
3:00	Prototype tooling from 3D printing
4:00	Door prizes and raffle

Tabletop exhibits are available on a first come first served basis. Cost is \$125 and includes one seat for the seminars.



Endorsed by
SPE Mold Making & Mold Design Division

Produced by: SPE North TX Section

North TX Society of Plastics Engineers

Tabletop exhibitor guidelines and registration form

Tel: 817-271-3574 email: ntxspe@airmail.net

Table Top Exhibitor Guide

Thank for joining North TX SPE for our October 8th, 2013 MiniTech Event on 3D printing and Plastics Manufacturing.

In general, the Conference Center will furnish to you at no charge:

- Table, with the dimensions of 6' by 24" deep with skirt.
- **No power is available. Please plan accordingly.**
- If you need the space to do a pop-up display, please contact the show registrar. Additional charges may apply.
- No flame or hazardous materials allowed.

This document serves as a general guide and registration for a tabletop display at the Texas Star Conference Center during our MiniTech. The exhibits are an essential part of our MiniTech and we strongly encourage your firm to take advantage of these extremely low rates in order to see and be seen at the MiniTech.



Contact:

Barbara Arnold-Feret

817-271-3574

ntxspe@airmail.net

Check (preferred) or Credit Cards accepted.

Return form to ntxspe@airmail.net with payment info. Payment due with registration.

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Tim Peterson Mold Designer of the Year Award



Tim Peterson—Mold Designer of the Year (left) presented by Wayne Hertlein of MM&MD Board of Director

12-June-2013 -- The Mold Making and Mold Design Division of the Society of Plastics Engineers, Inc. named the 2013 Mold Designer of the Year Award recipient at Amerimold 2013 in Rosemont, IL.

The recipient, Mr. Timothy Peterson of Industrial Molds Group, Rockford, IL was present for the award presentation.

Further award information is available from the Mold Making and Mold Design Division Chair - Mr. Scott Peters SPEMMMD@gmail.com ; the Mold Making and Mold Design Division Chair-Elect - Mr. Anthony Lauzon ALauzon@Husky.ca . A copy of the announcement letter is attached.

A \$500.00 honorarium will be awarded in Tom's name to the training school or university of his choice. This honorarium is made possible by a donation from:

Progressive Components Inc - Wauconda, IL - USA

Information regarding the recipient is available from the Mold Making Mold Design Division SPEMMMD@gmail.com or by contacting the recipient directly at:

Mr. Timothy Peterson
Industrial Molds Group
Rockford, IL
Tim.Peterson@IndustrialMolds.com
www.Industrialmolds.com

PLACE YOUR AD HERE!

Advertising with the Mold Making & Mold Design Newsletter is an excellent way to reach out to the industry. This newsletter is electronically issued three times a year.

For more information, please contact the

Newsletter Editor at

alauzon@husky.ca

Roger Klouda Mold Maker of the Year Award



Roger Klouda –Mold Maker of the Year (left) presented by Wayne Hertlein of MM&MD Board of Director

12-June-2013 -- The Mold Making and Mold Design Division of the Society of Plastics Engineers, Inc. named the 2013 Mold Maker of the Year Award recipient at Amerimold 2013 in Rosemont, IL.

The recipient, Mr. Roger Klouda of MSI Mold Builders, Cedar Rapids IA was present for the award presentation.

Further award information is available from the Mold Making and Mold Design Division Chair - Mr. Scott Peters SPEMMMD@gmail.com ; the Mold Making and Mold Design Division Chair-Elect - Mr. Anthony Lauzon ALauzon@Husky.ca . A copy of the announcement letter is attached.

A \$500.00 honorarium will be awarded in Roger's name to the training school or university of his choice. This honorarium is made possible by a donation from:

DME Company - Madison Heights, Michigan - USA

Information regarding the recipient is available from the Mold Making Mold Design Division SPEMMMD@gmail.com or by contacting the recipient directly at:

Mr. Roger Klouda President
MSI Mold Builders, Inc.
Cedar Rapids, IA
President@MSIMoldBuilders.com
www.msimoldbuilders.com

An advertisement for Wisconsin Engraving and Texturing. It features a logo with the text "WISCONSIN ENGRAVING UNITECH" and "Craftsmen Dedicated to Detail". Below the logo, it lists the company name "Wisconsin Engraving Co., Inc. Universal Texturing Corporation", address "2435 South 170th St. New Berlin, WI 53151", phone "262-786-4521", fax "262-786-8110", website "wisconsinengraving.com", and email "info@wi-engraving.com". A large call number "CALL 262-786-4521" is prominently displayed. The ad also lists services: "texturing / engraving / polishing / laser digitizing / electrode manufacturing". On the right, there is a photo of a person working on a large, curved metal part. Text above the photo says "FOR 85 YEARS ... One-stop shopping for all your detail work ...". At the bottom right, there are logos for "Surface Etching Cooperation", "WIA", "AMBA", and a circular seal.



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ANTEC Mold Making & Mold Design Technical Session



Glenn Beall (center) presenting Moderator Awards to Glen Starkey (left) and Anthony Lauzon (right)

8:00 - Keynote Speaker, Patricia Miller, Bohler-Uddeholm US

8:30 - Validation of a Highly Thermal Conductive Iron-Cobalt Nickel Alloy as a Tool Material, Peter Rostel, University of Applied Sciences

9:00 - Cemented Tungsten Carbide: An Innovative Material for Custom Core Pins, Frank Rymas, Crafts Technology

9:30 - The Optimal Gate Design of a Metal Injection Mold for a Hinge, Wern-Shiang Jou, Tapei University of Technology

10:00 - Mold Building and Project Management Maturity, Jason Williams, Penn State Erie

10:30 - Mold Maintenance: A Strategy for Optimizing Mold Performance, Randy Winton, Tooling Docs

1:30 - Keynote Speaker - How to improve mold maintenance efficiency for more profitable production, Steve Johnson, Tooling Docs LLC

2:00 - Improving Mold Efficiency Through Optimization of Collapsing Core Technology, Alan Hickok, Roehr Tool Corporation

2:30 - Mold Alignment: Testing Engineered Options, Kenneth Rumore, Progressive Components

3:00 - Monitoring a Mold with Warranty, Thomas Knight, AST Technology

3:30 - Integrative Approaches for the Mechanical Mold Design in Injection Molding, Fred Buja, FJB PlasTechnology

4:00 - Integrative Approaches for the Mechanical Mold Design, Ivo Erler, Institute of Plastics Processing (IKV) at RWTH Aachen University

ANTEC Mold Making & Mold Design Technical Session Awards presented by MM&MD Glenn Starkey



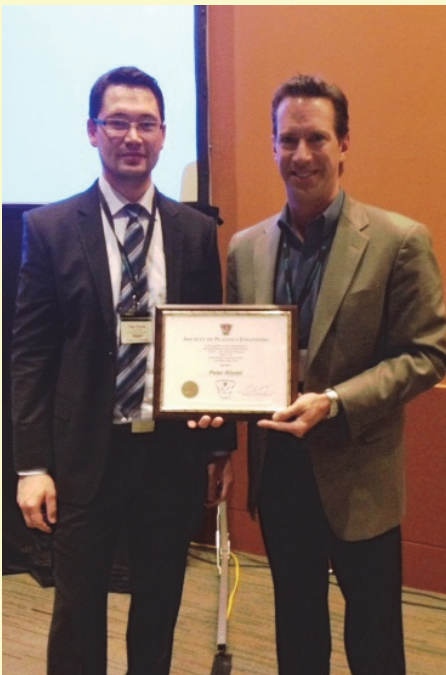
Keynote Speaker: Patricia Miller
Bohler-Uddeholm, US



Cemented Tungsten Carbide: An Innovative Material for Custom Core Pins,
Frank Rymas, Crafts Technology



Mold Building and Project Management Maturity, Jason Williams, Penn State Erie



Validation of a Highly Thermal Conductive Iron-Cobalt Nickel Alloy as a Tool Material, Peter Rostel, University of Applied Sciences



Mold Maintenance: A Strategy for Optimizing Mold Performance, Randy Winton, Tooling Docs



The Optimal Gate Design of a Metal Injection Mold for a Hinge, Wern-Shiang Jou, Tapei University of Technology

ANTEC Mold Making & Mold Design Technical Session Awards Presented by MM&MD Anthony Lauzon



Keynote Speaker - How to improve mold maintenance efficiency for more profitable production, Steve Johnson, Tooling Docs LLC



Improving Mold Efficiency Through Optimization of Collapsing Core Technology, Alan Hickok, Roehr Tool Corporation



Mold Alignment: Testing Engineered Options, Kenneth Rumore, Progressive Components



Monitoring a Mold with Warranty, Thomas Knight, AST Technology



Integrative Approaches for the Mechanical Mold Design in Injection Molding, Fred Buja, FJB PlasTechnology



Integrative Approaches for the Mechanical Mold Design, Ivo Erler, Institute of Plastics Processing (IKV) at RWTH Aachen University

Mold Making and Mold Design General Business Meeting Minutes

22 April 2013 General Business Meeting Minutes – ANTEC

MOLD MAKING & MOLD DESIGN Division of Society of Plastics Engineer

Location: teleconference

Attendees:

Glenn Beall

Anthony Lauzon

Glenn Starkey

Cyndi Kustush

Dick Cameron – Executive Committee Liaison

Fred Bujor

Minutes

Start: 17:24

Introduction of Dick Cameron the New Executive Committee Liaison of Cameron Consulting of Pittsburgh, PA tel.412-860-6696 and dc1700@msn.com

Dick will fill us in on new changes and updates to Executive Committee. Would like to attend our board meetings, just need to invite him.

Asked if any non-board members have any issues - Fred B. stated he is pleased with the group's effort to date.

Dick stated that we are a global group and that we have competition for speakers and we should not fight each other.

Webinars are working well, Dick understands that we need to draw in students; it is believe that webinars are a great way to do that.

Looking at the landscape of members and trying to

Actions

Notify BOD of Dick's request to attend BOD meetings

Resp: Tony

Continued on page 20

Mold Making and Mold Design General Meeting Minutes

figure out where we should and can add value to our membership.

WIM and SPI would like to work with us on a mold maker meeting. Located in San Diego, CA. where mold making section of SPI is very strong.

Concern raised by Glenn about poor past working conditions, i.e. NPE 2013 had minimal SPE visibility.

- Question rose if this was more like an ANTEC or TOPCON? Answer = TOPCON.

Dick was unsure the next steps will be for the CA meeting.

Alternative given by Glenn S. – utilize the upcoming Amerimold Conference for our efforts.

New website development will have an opportunity to create a sub site for each division. Go live date Dec.2013. Target to have sub sites operational by Q1'2014.

ANTEC did well, estimated 1700 attendees.

ANTEC Future locations:

2014 – Las Vegas

2015 – Orlando

2016 – Indianapolis

Meeting End: 17:45

Dick to notify Tony and Tony to bring to BOD meeting

Resp: Dick and Tony

Mold Making and Mold Design Board of Director Meeting Minutes

5 March 2013 Board of Director Meeting Minutes – Teleconference

MOLD MAKING & MOLD DESIGN Division of Society of Plastics Engineer

Location: teleconference

Attendees:

Glenn Beall
Jerry Fischer
Wayne Hertlein
Anthony Lauzon
Scott Peters
Brian Lather
Vic Baez
Glenn Starkey
Barbara Arnold-Feret
Cyndi Kustush

Absent:

Robert Ellerman
Fred Steil

Minutes

Start: 7:05 EST

Motion to begin meeting 1st Scott 2nd Tony

Review Old Actions:

1. \$4000 ITQ transfer
 2. Update budget
 3. Call for Mold Maker and Mold Designer for 2011
 4. Add MM&MD history to newsletter
- Contact Terry Schwenk for newsletter article

Previous Meeting Minutes

Correction to ITQ dollars

Motion to accept minutes as amended by Jer-

Actions

Continued on page 22

Mold Making and Mold Design Board of Director Meeting Minutes

ry and 2nd by Tony

Chair Report – Scott Peters

ANTEC – Cyndi and Glenn are doing a great job.

Board Elections closed on March 1st all ballots collected:

Vic Baez – 2 year term ending June 30, 2015

Brian Lather – 2 year term ending June 30, 2015

Board positions will be assigned within the next few weeks

Received resignation from ITQ Chair – Fred Steil

Posted queries for replacements on Linked-In with no response. Concern due to lack of interest, but we want to push the funds forward in our coffers to create a lasting legacy.

Chair Elect Report – Tony Lauzon

Concern with lack of interest in MM and MD of the year... no nominees

Glenn stated that past nominees for MM and MD are resubmitted for the next three years

Brian asked what is reviewed for MM & MD of the year? Answer – those that have a long pattern of supporting or those that have achieved a 1x significant contribution to the molding industry. Mold Maker of the Year must be a mold maker, the Mold Designer of the Year does not need to be a Mold Designer.

Did not submit for Pinnacle Award this year

Treasurer Report – Wayne Hertlein

\$40,070.45 in checking as of Jan.31, 2013

\$87,000 in CD

Received (2) deposits \$750 and \$625 in Feb.2013

ITQ \$746.43 in checking as of Jan.31, 2013

ITQ \$37,641.66 in CD

Received a bill for taxes, need to approve budget

Total (including ITQ) ~ \$160,000

Need to review what to do with this \$.

Assign Board positions for Vic and Brian

Resp: Scott

Provide past nominees

Resp: Wayne

Submit meeting minutes to Sarah at NPE

Resp: Tony

Approve Budget

Resp: BOD

Determine if all companies have paid renewals?

Resp: Wayne

Continued on page 18

Mold Making and Mold Design Board of Director Meeting Minutes

Sponsorship Report – Jerry Fischer

Bales has renewed

Ellwood has renewed

Wisconsin has declined to renew

TPC Report – Glenn Starkey

Cyndi sent out what speakers are for ANTEC

Glenn and Tony to moderate ANTEC speakers

Mold Making Technology – brainstorming to try and see what we do to get more people involved ~ working with Amerimold 2013 Conference: (3) ½ day sessions: Engineer, Build and Maintain.

Requested that MM&MD provide raffles donations to participants.

SPE membership after each session (total of 3)

SPE membership after each day (total of 3)

SPE membership and the choice of a free, full conference pass for next year's ANTEC Conference – Las Vega, Nevada OR a full year's half page advertisement in the Division Newsletter

1st Glenn

2nd Wayne

Vote - passed

Possible to get attendees to the Amerimold?

Mini Tech Chair – Barbara Arnold-Feret

Councilor Report – Barbara Arnold- Feret

Would like for the BOD to look for a Counselor in the waiting

Membership Chair Report – Barbara Arnold-Feret

(863) members, no longer primary and secondary members, no significant trends.

Request Amerimold attendees list from Christine Fuges

Resp: Glenn

Connect with Glenn and Cyndi for completion of ANTEC awards

Resp: Wayne

Select MM & MD of year Awards

Resp: Board of Directors

Continued on page 24

Mold Making and Mold Design Board of Director Meeting Minutes

Key membership concentration in upper mid-west

Awards Chair Report – Wayne Hertlein

Creating ANTEC awards

Waiting on Mold Maker and Mold Designer of the Year selection

Newsletter Chair Report – Tony Lauzon

Complete Newsletter and E-Mail Blast

InterSociety Liaison – Scott Peters

Looking for apprenticeship, working with Canadian Mold Makers and TMA with no response.

Contacting Department of Labor on apprenticeship without response.

NIMS, Jim Wall is executive director, no one has gone to him looking for info, feels that comradery has waned.. need to connect with other groups.

Barbara stated that SME is quiet as well.

Education Chair Report – Rob Ellerman

Resigned from position

ITQ Chair – Fred Steil

Resigned but will stay on till we find a new person, possibly a person of interest at DME

Division Historian – Wayne Hertlein

Wayne has taken over from Glenn and has received all information, he will report at next BOD mtg

Old Business:

Dates and times for meetings – Vic did a great job, next meeting scheduled for ANTEC or post AN-

Send out newsletter and e-mail blast

Resp: Tony

Continued on page 25

Mold Making and Mold Design Board of Director Meeting Minutes

TEC

No BOD meeting at ANTEC due to attendance

Past President's Award

Have a BOD meeting if we have enough members

Additional endowed scholarships – Milwaukee section does a lot

Need more input from BOD on what to do with monies

New Business:

Joint venture with MM Division of SPI for Tech Conference in San Diego, CA.

Concerns:

We do not have people/members in that area

Location is very expensive

Need to discuss with SPE & SPI on risk vs. revenue since we must give SPE 30% of the gross income

Barbara requested the creation of an Executive Sub-Committee to speak with SPE and SPI

Vic stated he will help out.

Benefits to MM & MD:

Programming

Visibility

Networking

Student Activities Sponsorship – we have not sponsored since 2005

Board of Directors went into Executive Session at 20:55 and out at 21:05.

Motion to contribute \$1000 to student poster session at 2013 ANTEC via Student Activities Fund

2nd by Brian – Motion carried

Miss face to face meetings, possible to use webex video?

Continued on page 26

Mold Making and Mold Design Board of Director Meeting Minutes


Motion to end meeting 1st Scott 2nd Glenn

End: 21:10

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Closing the skills gap: High-school students learn metalworking and make money, too

By Clare Goldsberry

Published: July 1st, 2013

Capturing the interest of students and whetting their appetite for careers in manufacturing isn't always easy. The key, say many mold companies looking for ways to engage the next generation of mold makers, is getting them interested during junior high and high school.

Eleva-Strum Central High School in Strum, WI, has elevated their technology program into an actual manufacturing business called Cardinal Manufacturing, a student-run machine shop. Authentic learning is key to teaching the metalworking trades, and at Cardinal Manufacturing students learn not only machine tool technology but also the basic elements of entrepreneurship, giving them a taste of the real business world.

Cardinal Manufacturing is a self-funding program. According to Craig Cegielski, Tech Ed Instructor at Eleva-Strum High School, "Rather than selling candy bars to raise money, we sell machining." Students typically begin the program in their 8th- or 9th-grade year, and by their junior and senior years are eligible for part-time internship work at local machine shops and moldmaking companies in the area.

"We try to mimic industry at Cardinal so the students learn everything about running a machine shop," Cegielski told PlasticsToday in an interview at the recent Amerimold Expo where Cardinal had a booth.

Click Here for the full story
www.plasticstoday.com



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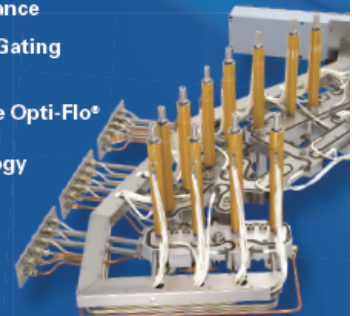
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For more information, please contact the

Newsletter Editor at

alauzon@husky.ca

'02 Best Division Newsletter

'03 Pride/Outstanding Award

'03 Runner-Up Newsletter

'04 Pride Award

'06 Pinnacle Award

'07 Pinnacle Silver Award

'07 First Place Division Newsletter

'08 Pinnacle Silver Award

'09 Pinnacle Silver Award

'10 Pinnacle Silver Award

'11 Pinnacle Gold Award

'12 Pinnacle Gold Award

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Upcoming Division Board & Business Meetings

September 2013

Teleconference Meeting

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A non-profit foundation assisting the Society of Plastics Engineers
Mold Making and Mold Design Divisions education initiatives.



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Thank you in advance for your consideration. It is our hope that your assistance can be provided.

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The I.T. Quarnstrom Foundation Board of Directors

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Phone: (248) 310-1776

e-mail: fg.steil@yahoo.com

Wayne Hertlein

Past Foundation Chairman

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Society of Plastics Engineers

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MEMBERSHIP APPLICATION

Applicant Information

Name:

first last mi

Company Name and Business Address (or College):

company/college:

Job title:

address:

address:

city:

state:

zip:

country:

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Home Address:

address:

city:

state:

Gender: ☐ Male ☐ Female

Birth Date: (mm/dd/yyyy)

Demographics

Job Function (choose only one)

- | | |
|--|--|
| <input type="checkbox"/> Consulting | <input type="checkbox"/> Purchasing |
| <input type="checkbox"/> Design | <input type="checkbox"/> Quality Control |
| <input type="checkbox"/> Education (Faculty) | <input type="checkbox"/> R & D |
| <input type="checkbox"/> Engineer | <input type="checkbox"/> Retired |
| <input type="checkbox"/> General Management | <input type="checkbox"/> Self-Employed |
| <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Student |
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| <input type="checkbox"/> Other | |

Materials (choose all that apply)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Composites | <input type="checkbox"/> Polyolefins |
| <input type="checkbox"/> Film | <input type="checkbox"/> Polystyrene |
| <input type="checkbox"/> General Interest | <input type="checkbox"/> TPEs |
| <input type="checkbox"/> Nylon | <input type="checkbox"/> Thermoset |
| <input type="checkbox"/> PET | <input type="checkbox"/> Vinyls |
| <input type="checkbox"/> Foam/Thermoplastics | <input type="checkbox"/> No Interest |

Process (choose all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Blow Molding | <input type="checkbox"/> Injection Molding |
| <input type="checkbox"/> Compression | <input type="checkbox"/> Mold Making |
| <input type="checkbox"/> Compounding | <input type="checkbox"/> Product Design |
| <input type="checkbox"/> Engineering Properties | <input type="checkbox"/> Rotational Molding |
| <input type="checkbox"/> Extrusion | <input type="checkbox"/> Thermoforming |
| <input type="checkbox"/> Fabrication | <input type="checkbox"/> General Interest |
| <input type="checkbox"/> Foam | <input type="checkbox"/> No Interest |

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| <input type="checkbox"/> Composites (D39) | <input type="checkbox"/> Polymer Modifiers & Additives (D38) |
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| <input type="checkbox"/> Electrical & Electronic (D24) | <input type="checkbox"/> Rotational Molding (D42) |
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| <input type="checkbox"/> Extrusion (D22) | <input type="checkbox"/> Thermoforming, European (D43) |
| <input type="checkbox"/> Flexible Packaging (D44) | <input type="checkbox"/> Thermoplastic Materials & Foams (D29) |
| <input type="checkbox"/> Injection Molding (D23) | <input type="checkbox"/> Thermoset (D28) |
| <input type="checkbox"/> Marketing & Management (D37) | <input type="checkbox"/> Vinyl Plastics (D27) |

Additional Division(s)

costs for each Additional Division

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