



# PERSPECTIVE

## Section S-71 Covering Eastern North Carolina

Newsletter of the Society of Plastics Engineers, Piedmont-Coastal Section, North Carolina  
*Promoting the Scientific & Engineering Knowledge of Plastics*

Volume XXXIX No. 4  
Dec 2014



### Next Meeting

### Christmas Party December 9<sup>th</sup>



*More details on  
page 15*

RSVP by Dec 5<sup>th</sup>

#### RSVP Contact

Clark Broome  
336-727-5015 (work)  
336-686-0007 (cell)  
eclarkbroome@  
TE.com

## A few *SPE*cial Words from our President

### *Merry Christmas fveryone!!*

The November 11th tour of Superior Tooling in Wake Forest, NC was captivating. All in attendance agree that it is great to see tooling and molds manufactured successfully from start to finish here in North Carolina. We were able to see the engineering and design area, automated machining centers running lights out, laser welding, and assembly operations. I want to thank Robbie Earnhardt for welcoming us into his facility.



On December 9, 2014 we will have our annual Christmas Party. If you have never been to one of our Christmas gatherings I highly recommend that you try to attend this one. We are looking forward to a special change in venue this year. We will be hosting our event at the Flame Restaurant in Sanford, NC. We will also enjoy the Dirty Santa/Yankee Swap tradition with each attendee participating - who brings a small gift (<\$15). We will start with a social hour at 6:00pm and dinner at 7:00pm.

It is important that all who wish to attend RSVP to Clark Broome at [eclarkbroome@te.com](mailto:eclarkbroome@te.com) by December 5th so that the proper amount of food and seats can be prepared. This event is open to members, spouses, and guests. The cost is \$30 per person and \$50 per couple. I hope everyone will be able to attend.

The January meeting and tour is planned. It will be on January 13th. Please mark your calendars and plan to attend. We will have a tour of Hayward Pools in Clemmons, NC and a presentation by Scott Pugh of Hayward. I will provide further details in next month's newsletter.

Todd Bryant  
President Piedmont-Coastal S71 SPE

#### Details for Meeting Place:

The Flame Steakhouse  
109 Carbonton Rd.  
Sanford, NC 27330  
919-776-7111



## OUR NEW 2014/2015 PIEDMONT-COASTAL SECTION OFFICERS



Todd



Leon



Lewis



Tim



Rodney

Officers	Name	Business	Phone	Cell (home)	E-Mail
President	Todd Bryant	Polymers Center	704-602-4125	336-813-3578 (c)	tbryant@polymers-center.org
Pres-Elect	Leon Suttles	PCS Company	586-863-7427		ls@pcs-company.com
Treasurer	Tim Bryant	Tim Bryant, Inc	336-978-9598		timbryant@triad.rr.com
Secretary	Lewis Wilson	SABIC		336-601-6669(c)	Lewis.wilson@sabic-ip.com
Councilor	Rodney Joslin	TE Connectivity	336-544-1316	336-314-7667	rodney.joslin@TE.com

### Board of Directors

2014/2015	Walt Carey, Dan Fuccella, Tim Earley, Jim Griffith
2015/2016	Mike Ellison, Maury Balik, Don Aiken, Glenn Shearin
2016/2017	Al Barbour, Geoff Foster, Chris Jackson, Patrick Mannella

### Board of Directors by Position:

House - Clark Broome; Education - Maury Balik; Advertising - Tim Earley; Rules - open; Historian - open;  
 Membership - Tim Earley; Newsletter Editor - Mike Jensen; Awards - Russell Broome;  
 Golf Outing - Jackie Ryba and Walt Carey

### Liaisons:


NCSU - Dr Maury Balik  
 CCCC - Glenn Shearin  
 Carolinas Section SPE - Todd Bryant  
 NC A&T - Geoff Foster  
 PCE - Todd Bryant  
 SPE Executive Committee - Russell Broome

**PERSPECTIVE** is published electronically monthly from September through June, to inform members of the Section's activities, national events, and news. Communications should be sent to the Editor: Mike Jensen, [mljensen514@earthlink.net](mailto:mljensen514@earthlink.net) or [mikejen47@gmail.com](mailto:mikejen47@gmail.com) telephone at 919-333-2003 (cell). To advertize in our newsletter, contact Tim Earley at 336-693-6466 [wolftim@msn.com](mailto:wolftim@msn.com).

Our newsletter is available on our web page at International SPE two weeks prior to the next meeting, at

***SPE4.org>communities>Sections>NC>Piedmont-coastal***. You should be notified by e-mail when it is posted.

Neither the Society of Plastics Engineers or the Piedmont-Coastal Section is responsible for views that are expressed by individual contributors, either in the articles published in the newsletter or in any of the technical presentations.



**PolyOne** Distribution Company  
 107 W. Avondale Drive  
 Greensboro, NC 27403  
 United States

**Michael Ellison**  
*Account Manager*

Distribution Group

Phone: 336.856.9003  
 Fax: 336.856.0013  
 Mobile: 336.937.2141

[michael.ellison@polyone.com](mailto:michael.ellison@polyone.com)

ISO 9001-2008



Sales@aimolding.com  
**800-959-0025**  
 938 Reynolds Place  
 Greensboro, NC 27403  
[www.aimolding.com](http://www.aimolding.com)

**AIM**  
**AMERICAN INJECTION MOLDING**

**MIDDLE AND HIGH SCHOOL STUDENTS:**  
**ENTER THE 2014**

***WONDERS OF PLASTICS***  
**Essay Contest**  
sponsored by the  
**The Piedmont-Coastal Local Section of the**  
**Society of Plastics Engineers**

To elevate public awareness regarding plastics, the Piedmont-Coastal Section of the Society of Plastics Engineers (SPE) is sponsoring the "Wonders of Plastics" Essay Contest.

Middle and high school students in the central and eastern North Carolina area are invited to submit essays dealing with some aspect of plastics, which will be judged by a committee from our local section. The winner will receive an iPad Mini and the winner's school will receive a \$250 donation. The winner will also have their essay printed in our monthly newsletter (the Perspective) which is circulated throughout North Carolina.

The winner and his/her parents will also be invited to attend our February 2015 local section meeting, where you will be our guests for dinner. The winner will be recognized along with other students who have received scholarships and awards from the SPE Piedmont-Coastal Section this year.

Entries may be submitted at any time, but the submission deadline is Friday, December 5, 2014. The winner will be announced in January 2014.

We strongly encourage students to enter this contest. Each essay must meet specific requirements and must be submitted with a completed entry form. The essay contest requirements and entry forms are available on the SPE website at:

<http://www.4spe.org/Communities/sectiondetail.aspx?ItemNumber=5389>

Completed entry forms and essays should be sent to (email preferred):

Dr. C. M. Balik  
balik@ncsu.edu  
Department of Materials Science and Engineering  
Campus Box 7907  
North Carolina State University  
Raleigh, NC 27695-7907  
919-515-2126 (phone)  
919-515-7724 (FAX)

## Our Sponsors

<u>Training: Consultants/Training</u>	<u>Page</u>	<u>Website</u>
Applied Technologies Inc. . . . .	6	<a href="http://www.ati-engineers.com">www.ati-engineers.com</a>
chemlabconsulting, LLC . . . . .	5	<a href="http://www.chemlabconsulting.com">www.chemlabconsulting.com</a>
Porticos . . . . .	4	<a href="http://www.porticos.net">www.porticos.net</a>
<b>Equipment:</b>		
Fordham Plastics . . . . .	9	<a href="http://www.FordhamPlastics.com">www.FordhamPlastics.com</a>
<b>Materials</b>		
Barnet Polymers . . . . .	5	<a href="http://www.barnet.com">www.barnet.com</a>
Dayson Polymers . . . . .	7	<a href="http://www.daysonpolymers.com">www.daysonpolymers.com</a>
Plasticomp . . . . .	9	<a href="http://www.plasticomp.com">www.plasticomp.com</a>
Polymer Technology & Services . . . . .	4	<a href="http://www.ptsllc.com">www.ptsllc.com</a>
PolyOne Distribution . . . . .	2	<a href="http://www.polyone.com">www.polyone.com</a>
Triangle Central Warehouse . . . . .	6	
<b>Processors</b>		
Advanced Plastiform, INC . . . . .	8	<a href="http://www.advancedplastiform.com">www.advancedplastiform.com</a>
Aimet Technologies, INC . . . . .	5	<a href="mailto:Brady@aimet.com">Brady@aimet.com</a>
American Extruded Plastics . . . . .	6	<a href="http://www.aeplastics.com">www.aeplastics.com</a>
American Injection Molding . . . . .	2	<a href="http://www.aimolding.com">www.aimolding.com</a>
FR Male and Associates . . . . .	8	<a href="http://www.FRMale.com">www.FRMale.com</a>
Plastic Molding Connection . . . . .	6	
Polymers Center of Excellence . . . . .	5	<a href="http://www.polymers-center.org">www.polymers-center.org</a>
Raleigh Precision Products . . . . .	9	<a href="http://www.raleighprecision.com">www.raleighprecision.com</a>
Sapona Plastics, LLC . . . . .	6	<a href="http://www.saponaplastics.com">www.saponaplastics.com</a>
Syracuse Plastics . . . . .	5	<a href="http://www.SyracusePlastics.com">www.SyracusePlastics.com</a>
<b>Tooling</b>		
Carson Tool and Mold . . . . .	4	<a href="http://www.carsonmold.com">www.carsonmold.com</a>
Emerald Tool and Mold . . . . .	4	<a href="http://www.emeraldtoolandmold.com">www.emeraldtoolandmold.com</a>
Hi-Tech Plating . . . . .	8	<a href="http://www.hitecplating.com">www.hitecplating.com</a>
FR Male and Associates . . . . .	9	<a href="http://www.FRMale.com">www.FRMale.com</a>
Maloney Tool and Mold . . . . .	11	<a href="http://www.maloneycos.com">www.maloneycos.com</a>
Meusburger USA . . . . .	7	<a href="http://www.meusburger.com">www.meusburger.com</a>
PCS Company . . . . .	5	<a href="http://www.pcs-company.com">www.pcs-company.com</a>
Richmond Tooling . . . . .	4	<a href="http://www.richmondtooling.com">www.richmondtooling.com</a>
Superior Tooling, Inc. . . . .	5	<a href="http://www.sti-nc.com">www.sti-nc.com</a>
Tool-All . . . . .	5	<a href="http://www.toolall.com">www.toolall.com</a>

### THANK YOU!

The members of the Piedmont-Coastal Section, a non-profit organization, thank these sponsors for their generosity. Donations to our section are used for educational purposes.



DOMESTIC BUILT INJECTION MOLDS, TOOLING AND COMPONENTS

Since 1985  
MADE IN THE USA



### RICHMOND TOOLING INC.

1830-A RUFFIN MILL CIRCLE  
COLONIAL HEIGHTS VA 23834

**ROGER McGINNIS**

804-520-4173

FAX: 804-520-4175

EMAIL: [rmcginnis@richmondtooling.com](mailto:rmcginnis@richmondtooling.com)

WEB: [richmondtooling.com](http://richmondtooling.com)



**David W. Myers**  
OWNER / PRESIDENT

### CARSON TOOL & MOLD

DESIGNERS & BUILDERS OF PLASTIC INJECTION MOLDS

3070 MOON STATION ROAD  
KENNESAW, GA 30144-2711  
770.427.3716

ISO 9001 CERTIFIED  
[WWW.CARSONMOLD.COM](http://WWW.CARSONMOLD.COM)

FAX 770.426.6429  
[dmyers@carsonmold.com](mailto:dmyers@carsonmold.com)

**porticos**

**GREGORY S. PATTERSON** | President

o: 919.468.0033 x153 | m: 919.349.9762  
f: 919.468.0161 | e: [greg.patterson@porticos.net](mailto:greg.patterson@porticos.net)  
1012 Copeland Oaks Drive | Morrisville NC 27560 | [porticos.net](http://porticos.net)

**Polymer Technology & Services, LLC**

**Tim Lee**

Corporate Accounts Manager

4832 Regalwood Drive  
Raleigh, NC 27613  
Office: 919-844-6705  
Cell: 919-219-4144  
Email: [tim@ptsllc.com](mailto:tim@ptsllc.com)

2315 Southpark Drive  
Murfreesboro, TN 37128  
Office: 800-475-1701  
Fax: 615-898-1697  
<http://www.ptsllc.com>



**Michael Young**

106 Furlong Industrial Drive  
Kernersville, NC 27284  
Phone 336 - 996-6445  
Fax 336 - 996-3264

[www.emeraldtoolandmold.com](http://www.emeraldtoolandmold.com)

For sales info contact :  
[myoung@emeraldtoolandmold.com](mailto:myoung@emeraldtoolandmold.com)

**We Specialize in**

- Mold Design
- Mold Repair
- Prototype Molds
- Mold Construction
- Spare Tooling
- Engineering



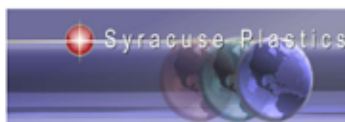
## Syracuse Plastics of NC, Inc.

100 Falcone Parkway, Cary, NC 25711

P: (919) 467-5151 | F: (919) 460-1013

E: [sales@syrplasnc.com](mailto:sales@syrplasnc.com) | W: [www.SyracusePlastics.com](http://www.SyracusePlastics.com)

*Custom Injection Molder & Contract Manufacturer*



## J. Stephen Duerr, Ph.D., P.E., CPC Consulting Metallurgist/Chemist chemlabconsulting, LLC

514 Corrigan Way, Cary, NC 27519

908-500-9333 (FAX 815-301-8348)

[chemlabconsulting@gmail.com](mailto:chemlabconsulting@gmail.com)



## Quality, Service, and Support

Since 1960, PCS Company has provided high quality products at competitive prices to the mold making industry. Our commitment to customer service has and always will be the best in the industry. PCS Company is easy to do business with.



Hot Runner Systems



Standard & Special  
Mold Bases



Custom Components



Pins & Components



Nanotechnology Products

### We also supply:

Hot Sprue Bushings  
Visions 3000

Temperature Control Systems  
Aluminum Mold Bases

Corrosion Control  
Slide Latch

UltraC™ Coatings  
platen**GUARD**™ Locating Rings

Contact your PCS sales representative Leon Suttles at 586-863-7427 or by email at [ls@pcs-company.com](mailto:ls@pcs-company.com).



Tim J. Earley  
Technical Sales

William Barnet & Son, LLC

P.O. Box 171898

1300 Hayne Street

Spartanburg, SC 29301

864.576.7154 tel

864.576.3406 fax

864.498.3396 mobile

[tearley@barnet.com](mailto:tearley@barnet.com)

## JACK C. FARRELL - PRESIDENT

### TOOL-ALL, INC

PRECISION PLASTIC & DIE-CAST MOLDS

2053 EAST 30TH STREET

ERIE, PA 16510

814/898-3917 FAX 814/899-4509

EMAIL: [jfarrell@toolall.com](mailto:jfarrell@toolall.com)



Robert Earnhardt  
2800 Superior Drive  
Wake Forest, NC 27587

[www.sti-nc.com](http://www.sti-nc.com)  
Office (919) 570-9762  
Fax (919) 570-9765



**AIMET**  
TECHNOLOGIES, INC.

ISO 9001  
CERTIFIED

AUTOMATED INJECTION MOLDING OF ENGINEERING THERMOPLASTICS

Brady Lancaster

VP Sales & Marketing  
[Brady@aimet.com](mailto:Brady@aimet.com)

115 Legacy Crest Court  
Zebulon, NC 27597  
[www.aimet.com](http://www.aimet.com)

919.887.5222  
919.887.5226  
336.382.6828

Direct  
Fax  
Mobile



**POLYMERS**  
Center of  
Excellence

IES/NCMEP Partner  
[www.polymers-center.org](http://www.polymers-center.org)



Dennis L. Hayford  
Executive Director  
ISO 9001 Certified

University Research Park  
8900 Research Drive  
Charlotte, NC 28262  
800-603-4650

Phone: 704.602.4101  
Fax: 704.602.4102  
Mobile: 704.906.0470  
[dlhayford@polymers-center.org](mailto:dlhayford@polymers-center.org)



## MEMBERSHIP REPORT Piedmont-Coastal Section S71

As of November 2014  
we have 240 members!



We have 240 total members (including students) as of Oct 1. We have 79 student members. SPE has a great offer for students this year, FREE membership for the year! Thanks to CCCC, NCSU and North Carolina A&T State University for their support.

If you have changed jobs or location, please send me a note. If you have any email, employment, or phone number changes, please contact me as well.

I encourage every member to sign up a new member in 2014/2015. Let's all work toward increasing our membership. I encourage every member to sign up a new member in 2014/2015. Let's all work toward increasing our membership.

If you have someone you feel can benefit from joining SPE, give them an application or send me their name and I will submit it to SPE and have you as the referring member.

I also encourage you to look at LinkedIn. There are many SPE groups and plastic technical groups that can be a wealth of knowledge. I would be glad to help you with LinkedIn or the main SPE web site.

***The newsletter will be posted on the  
main SPE website this year. Go to  
SPE4.org>communities>Sections>NC>Piedmont-  
coastal.***

With everyone using smartphones, newsletter it is better to download at your convenience.

### **Coming Now from SPE: The Chain**

As part of its ongoing effort to upgrade the infrastructure needed to deliver value to members, SPE is launching its own connected community called The Chain this year.

SPE members will be able to share information and network with one another as part of committees and technical groups, and all others will experience the wealth of knowledge that SPE has brought to the Plastics Industry for almost 75 years.

If you have any questions, please contact me by  
e-mail at wolftim@msn.com.

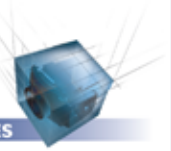
Tim Earley, SPE Piedmont Coastal Section S71



APPLIED  
TECHNOLOGIES  
INCORPORATED

*Established*  
**1992**

**Dan Fuccella PE**, Founder and President  
153 High Country Drive  
Cary, North Carolina 27513  
919.380.1420 :: phone  
919.349.5911 :: mobile  
[dan@ati-engineers.com](mailto:dan@ati-engineers.com)



PRODUCT DESIGN AND ENGINEERING SERVICES

ISO 9001:2008



**American Extruded  
Plastics, Inc.**

**800-452-5533**

[sales@aeplastics.com](mailto:sales@aeplastics.com)



938 Reynolds Place  
Greensboro, NC 27403  
[www.aeplastics.com](http://www.aeplastics.com)

**PMC, INC**

**George Millington  
President**

**Plastic Molding Connection, Inc.**

Your connection to all your molding needs

Injection & Thermoform molding/Molds/Consulting

Cell 910-512-0834

1134 Veranda Court

Tel 910-383-0041

Leland, NC 28451

Fax 910-383-0042

E-mail [georgemillington@ec.rr.com](mailto:georgemillington@ec.rr.com)

**Jacqueline (Jackie) Ryba**

**TRIANGLE CENTRAL WAREHOUSE, INC.**

**(919) 208-1025**

Fax (919) 870-0964

Office

10804 September Ct.

Raleigh, NC 27614

Email: [marty.ryba@juno.com](mailto:marty.ryba@juno.com)

Mailing Address

P.O. Box 98417

Raleigh, NC 27624-8417



**Sapona Plastics, LLC**

**Sandra L. Lail**  
VP Sales

PO Box 2464, Asheboro NC 27204

7039 US Hwy 220S, Asheboro NC 27205

email: [slail@triad.rr.com](mailto:slail@triad.rr.com)

phone: 336.873.8700

fax: 336.873.7582

cell: 336.302.0253

[www.SaponaPlastics.com](http://www.SaponaPlastics.com)

# Premium supplier to the tool and mold making industry



Meusburger is the global market leader in metric standard mold bases and components with sales offices worldwide.



## » We guarantee:

-  Reduced warping during machining
-  Very strict quality guidelines
-  Easy-to-handle ordering methods
-  Permanent availability
-  Very short lead times

**meusburger.com**

Meusburger US, Inc. 18720 Red Oak Boulevard | Suite 226 | Charlotte, North Carolina 28217  
T (704) 526 0330 | sales@meusburger.us | www.meusburger.com



**DAYSON POLYMERS LLC**  
P.O. BOX 372  
RITTMAN, OHIO 44270  
[www.daysonpolymers.com](http://www.daysonpolymers.com)



**TRIREX® PC**  
**KOCETAL® POM**  
**POLIMAXX® ABS**  
**KOPEL® POLYESTER ELASTOMER**  
**SPECIN® PBT**

**TRIBIT® PBT**  
**KEPITAL® POM**  
**ACRYPET® PMMA**  
**POLIMAXX® SAN**  
**LG ABS/ACRYLIC**

## CONTACTS

**Chris Schmeltzer 800-986-5766**  
[cschmeltzer@daysonpolymers.com](mailto:cschmeltzer@daysonpolymers.com)

**Walt Carey 919-631-9202**  
[waltcarey@charter.net](mailto:waltcarey@charter.net)

**David Anderson 612-865-3238**  
[dca-dayson@comcast.net](mailto:dca-dayson@comcast.net)



*If you want to ask a technical plastics related question, or contribute your expertise to someone else's query, log in to LinkedIn.com. Click on Companies and search for Society of Plastics Engineers.*

## Society of Plastics Engineers, Inc.

SPE is the largest global professional society serving the plastics industry, with members in more than 70 countries, and is the premier source for quality technical information. This LinkedIn group is sanctioned by SPE.

SPE maintains a member group in LinkedIn that is open to all interested people in the industry (paid SPE membership not required). To join visit <http://www.linkedin.com/groupRegistration?gid=857357>



**You Expect it.  
We Deliver.**



**ADVANCED PLASTIFORM, INC.**  
*Custom Plastic Products*



Thermoforming  
Pressure Forming  
Injection Molding  
Product Design  
Tooling Design  
CNC Trimming  
Assembly



**ISO 9001:2008**



Superior Quality  
On Time Delivery  
Premier Service

**You expect it.  
We Deliver.**

**Advanced Plastiform, Inc.**

**Jeff Barnett**

**919-404-2080**

[jbarnett@advancedplastiform.com](mailto:jbarnett@advancedplastiform.com)

*F. R. Male Associates*

**MANUFACTURERS REPRESENTATIVES**

*Specializing In Metal Fabrication & Injection Molding*



[www.frmale.com](http://www.frmale.com)  
1506 Venetian Way • Waxhaw, NC 28173  
Phone: (732) 236-2239  
Fax: (704) 243-4827  
email: [frank@frmale.com](mailto:frank@frmale.com)

**FRANK MALE**

## **PRECISION METAL FINISHING**

USDA Approved for  
Product Contact  
Specs Available Upon Request

### **Specializing in "TDC-1"®**

**Proprietary Micro Nodular  
Thin Dense Chrome Process**

*The finishing touch in  
precision metal finishing*

- "TDC-1"®  
(Thin Dense Chrome)
- "TDNC"®  
(Thin Dense Nickel  
Composite)
- Conventional Chrome  
Plating
- Flash Chrome Plating
- Matte Chrome Plating
- Industrial Hard Chrome
- Abrasive Texturing
- Hard Coat Anodizing  
With or Without Teflon
- Electroless Nickel  
With or Without Teflon

**For all of the "TDC-1"®  
advantages call**



**HI-TEC PLATING, INC.**  
*PRECISION METAL FINISHING™*

**1603 Salisbury Road  
Statesville, NC 28677  
704-872-8969**

**Fax 704-878-6048**  
[ncdivision@hitecplating.com](mailto:ncdivision@hitecplating.com)  
[bbray@hitecplating.com](mailto:bbray@hitecplating.com)

**219 Hi-Tec Road  
Seneca, SC 29678  
864-882-3311**

**Fax 864-882-0985**  
[tdc1@hitecplating.com](mailto:tdc1@hitecplating.com)  
[www.hitecplating.com](http://www.hitecplating.com)



**Society of Plastics Engineers**





**RALEIGH PRECISION PRODUCTS**

Peter B Smith  
President  
131 Johnston Parkway  
Kenly, NC 27542  
psmith@raleighprecision.com  
tel 919 284 9001  
fax 919 284 9002

Please give us an opportunity to help you succeed....call to have one of our experienced Sales Staff review your requirements today!

**Scott Zuber**  
Scott@FordhamPlastics.Com  
866-467-0708 / 919-302-2571  
**Doug Miller**  
DMiller@FordhamPlastics.Com  
336-264-0217

**Equipment and Services Line-Up**

<b>Nissei America</b> Injection Molding Machines	<b>HFA</b> Conveyors and Boxfill Systems
<b>Star Automation</b> Robots and Automation Equipment and End of Arm Tooling	<b>Tecnomagnete</b> Magnetic Platens
<b>RJG</b> Process Monitoring, Control And Training	<b>IMSI</b> Hot Runner Controllers
<b>ZAG</b> Used Equipment Sales	<b>AEC</b> Applications Engineering
<b>UBE Industrial</b> Large Tonnage Molding Machines	Whitlock Material Handling and Blending
<b>Matsui America</b> Resin Drying and Press Side Aux	Nelmor Size Reduction Cooling and Heating Systems - Chillers, Towers

**www.FordhamPlastics.com**

- Made To Order Performance
- Any Resin - PP to PEEK
- All Fibers - Glass, Carbon +

**Walt Carey**  
WJ Carey & Associates  
(919) 631-9202  
waltcarey@charter.net

The global society  
for plastics professionals

***P-C SPE Meeting Minutes  
BOD Meeting Nov 11<sup>th</sup>***

Location: Superior Tooling

Attendees: Todd Bryant; Rodney Joslin; Lewis Wilson;  
Al Barbour; Leon Suttles; Walt Carey; Dan Fucella;  
Maury Balik

Meeting called to order by Todd Bryant- Section President at 4:05 PM

Meeting minutes from October 2014 BOD meeting were reviewed and approved.

**Treasurer Report- Todd Bryant for Tim Bryant**

1. Current Bank Balance- \$20,619.35
2. Net Income: July-October 2014 is \$6,299.50

Motion made to approve the full Treasurer's report by R Joslin; 2nd made by W Carey; motion approved.

Discussion held on potential of establishing a PayPal type account for PC Section. Topic was tabled for future review and determination.

**Councilor Report- Rodney Joslin**

The Pinnacle Report (National SPE) needs to be submitted by 12/31/14 to National office.

Action: Todd Bryant to follow-up and make sure the form is submitted on time.

Per Rodney the policies and by-laws have been reviewed by the individual councilors with final review scheduled for 11/14/14.

Next Generation Advisory board (SPE sub-group) is working hard on The Plastics Race during ANTEC 2015/NPE 2015 in Orlando. There will be excellent prizes for top 3 teams. Looks to be a very good program for participants and SPE again in 2015.

Future Meetings/Programs

December 2014

Program: Holiday Party

Date: 12/9/14

Location: The Flame

Sanford, NC

Cost: \$30/person or \$50/couple

**DCC**

Danville Community College

**Jerry H. Franklin**  
**Director**

**Manufacturing and Technical Services**

1008 South Main Street, Danville, Va 24541-4004  
434.797.8573 434.797.6437 Fax: 434.797.8583  
jfranklin@dcc.vccs.edu

**DCC**

Danville Community College

**Polymer Processing Career Studies Certificate**

At Danville Community College's  
Advanced Technology Center!

Convenient schedule! Monday evenings....

One or two courses per semester

- Hands-on learning using state-of-the-art equipment
- 80 Ton Krauss Maffei Injection Molder
- 1 ¼" Wayne Extruder – inline and crosshead, tubing, rod, pelletizing
- 1" Wayne Extruder with cast film
- Tinius Olsen Pendulum Impact Tester, Tinius Olsen Tensile Tester, Melt Indexer, Densimeter and more
- Courses taught by INDUSTRY Professionals
- Low Tuition when contracted through your company

Jerry Franklin 434-797-8573

email: [jfranklin@dcc.vccs.edu](mailto:jfranklin@dcc.vccs.edu)

**SPE Society of Plastics Engineers**

*Minutes continued on Pages 14, 15*



## SOCIETY OF PLASTICS ENGINEERS, INC.

13 Church Hill Rd, Newtown, CT 06470  
Phone: 203.775.0471 Fax: 203.775.8490  
[www.4spe.org](http://www.4spe.org)

### 2014 EXECUTIVE COMMITTEE

### CONTACTS

Chief Executive Officer	Willem De Vos	<a href="mailto:wdevos@4spe.org">wdevos@4spe.org</a>	
President	Jon Ratzlaff	<a href="mailto:jratzlaff@4spe.org">jratzlaff@4spe.org</a>	Website Technician
President-elect	Vijay Boolani	<a href="mailto:vboolani@4spe.org">vboolani@4spe.org</a>	Pedro Matos
Senior Vice President	Raed Al-Zu'bi	<a href="mailto:ralzubi@4spe.org">ralzubi@4spe.org</a>	
Vice Pres & Treasurer	Greg Campbell	<a href="mailto:gcampbell@4spe.org">gcampbell@4spe.org</a>	Annual Awards:
Vice Pres & Secretary	Jeffery Helms	<a href="mailto:jhelms@4spe.org">jhelms@4spe.org</a>	Sarah Sullinger
Vice Pres/Event Mgmt	Jimmy Masrin	<a href="mailto:jmasrin@4spe.org">jmasrin@4spe.org</a>	Membership Programs:
Vice Pres/Marketing	Oliver Crave	<a href="mailto:ocrave@4spe.org">ocrave@4spe.org</a>	Sue Wojnicki
Vice Pres/Operations	Dick Cameron	<a href="mailto:dcameron@4spe.org">dcameron@4spe.org</a>	
Vice Pres/Communications	Dr Jaime A. Gomez	<a href="mailto:jgomez@4spe.org">jgomez@4spe.org</a>	



10890 MERCER PIKE  
MEADVILLE, PA 16335  
814-337-8407  
CONTACT - ED MALONEY - PRESIDENT



### We specialize in close-tolerance precision molds and tooling

Maloney Tool & Mold, Inc. is a builder of custom injection molds, specializing in the [development](#) and [fabrication](#) of close-tolerance precision molds and tooling. Founded in 1989, Maloney Tool & Mold, Inc employs a [diverse team of skilled technicians](#), ready and able to meet your most demanding requirements. Our other fully integrated division, **Maloney Plastics, Inc.** [runs](#) the injection molding process.



**DESIGN BUILD RUN**  
**Quality Control**

#### Markets Served

- Automotive
- Electronics
- Appliance
- Spare Parts (Place to Order)
- Tooling

#### Products



#### Customer List

- Delphi
- Tyco Electronics
- Tyco Automotive
- JST Corporation
- Silgan Industries

[www.maloneycos.com](http://www.maloneycos.com)



## Society of Plastics Engineers - Piedmont-Coastal Section (S71)

### Newsletter Advertising Campaign Update

The Piedmont Coastal Section S71 of SPE 2014/2015 advertising campaign to renew and recruit new advertisers for the Piedmont-Coastal Section monthly on-line newsletter, the "Perspective" is underway. Advertising in our monthly newsletter can lead to new customers for your organization – our newsletter is e-mailed to over 500 professionals in North & South Carolina and posted to the global SPE website. Our section is proud to be one of the top growing sections in the world. You can view our newsletters at the SPE website –

<http://www.4spe.org/Communities/sectiondetail.aspx?itemNumber=5389>. [Then click on the newsletter.](#)

Your support via an advertisement in our newsletter is vital to improving the current and future workforce in the plastics industry. A key mission of SPE is to promote and provide the knowledge and education of plastics and polymers worldwide. Locally, you can greatly impact the workforce in your area by advertising with us, as these monies are used to support local student scholarships and educational grant programs. We appreciate your consideration in assisting us to continue to provide support for training in the plastics industry.

Newsletter improvements, implemented without an increase in the cost of the advertisement, include:

- We have a quick link to your company website on the index page listing all our sponsors.
- Text and advertising are now more interspersed than before to ensure readers know the companies that support the Piedmont Coastal Section's programs and offer cost effective services and products.
- Our newsletter is published electronically and is posted to our Section Web Page and broadcast as an e-mail - an attachment to all our section members, other section members in our area and many non-member friends of our section – your ad will be sent to over 500 professionals - SPE members and friends of SPE throughout North and South Carolina.

We appreciate your support and hope that you will sponsor, or consider sponsoring an advertisement in our newsletter to support the Society of Plastics Engineers and its plastic industry supporting programs. Also – ½ page and full page Ads can be changed monthly in order for you to highlight different specialties of your company.

#### Fee Schedule – one cost covers one year (10 monthly issues)

Ad size – Ads may be in color	AD Cost Structure	Approx Print Size of Ad
• Business card (1/8 Page - 2"x3.5")	\$250	1.75" x 3.25"
• ¼ Page	\$475	3.5" x 4.75" or 2.25" x 7.0"
• ½ Page	\$900	3.5" x 9.5" or 4.75" x 7.0"
• Full Page	\$1,700	7.0" x 9.5"

An electronic version of your ad may be e-mailed to Mike Jensen, at [mljensen514@earthlink.net](mailto:mljensen514@earthlink.net) or a hard copy (business card, etc.) may be mailed to: Mike Jensen, 420 Kings Hollow Drive, Raleigh, NC 27603. If you would prefer to make an educational donation to us without advertising, we will proudly recognize your sponsorship by posting your website on each newsletter and recognize your company on education night. Sponsorship levels are: Gold - \$200; Silver - \$150; and Bronze - \$100.

We appreciate your consideration in advance and we look forward to hearing from you.

Please submit your check payable to P-C Section, SPE to: P-C Section SPE, c/o Tim Earley, PO Box 1036, Mebane, NC 27301. If you have any questions or require an Invoice – please contact Tim Earley at 336-693-6466 or [wolftim@msn.com](mailto:wolftim@msn.com).

The S71 Piedmont Coastal Section is a very active section and is proud to support the students and institutions in our area in their pursuit of the advancement of the plastics industry.

Tim Earley - Newsletter Advertising Chairman, P-C Section, SPE



## Planning Calendar for 2014/2015

Date	Meeting Location	Sponsor	Speaker	Company	Topic	Tour	SPE Leader
12/9/2014	The Flame, Sanford, NC	none	none	none	P-C SPE Christmas Party	none	Clark Broome
01/13/2015	Hayward Pools Winston Salem, NC	PCS	Scott Pugh	Hayward Pool	Lean Manufacturing and the Quick Change Color	Hayward	T. Bryant
02/10/2015	NC State	Tim Bryant Inc.	Student	NC State	TBD by Student	NCSU Engineering Library	Maury Balik
03/10/2015	Central Carolina CC, Sanford, NC	ATI	Historian Meeting	Central Carolina CC	Plastics Historical Round Table	CCCC Machining Program	Glenn Shearin
04/14/2015	Polymers Center of Excellence Charlotte, NC	PCE	Todd Bryant	PCE / Joint Meeting with Carolinas Section	Advanced Injection Molding and Demonstration	PCE Inj Molding & Ext labs	Todd Bryant
05/12/2015	Carolina's Section "Carolina's Cup Challenge" Golf Outing NorthStone CC, Huntersville, NC						
06/9/2015	P-C Section Planning Session for 2015/2016 year TE/Pegg Rd, Greensboro, NC						

### March 2014

Discussion was held on the proposed Historical Round Table – Tim Earley still looking for Round Table participants.

Action: Walt Carey and Todd Bryant will be seeking participants for this program.

### April 2014

Looking for a program/location/tour options at this time.

Actions: PCS is an option; Leon Suttles to investigate Other options to be investigated; Fitzpak- Tim Earley; Bright Plastics- Todd Bryant

### Membership Report- Tim Earley

Tim reported that the section has 240 members currently of which 80 are student members. PC section is now the 6th largest section in N America.

Tim very active in sending meeting notices/reminders to the Carolinas Section.

### Advertising Report- Tim Earley

Outstanding payments due from current year advertisers:

Raleigh Precision Plastics – Unfortunately check was sent to National SPE office in error- check now coming back to section.

Sapona Plastics- Check has been sent.

Mousberger (sp) - Confusion over whether they intended to have a full page or ½ page ad for this year; Agreement was reached on \$450 and ad will be active through March 2015 then dropped.

Maloney Tool- no response to date; Action- R Joslin to follow-up with them.

ABC Systems – won't be paying.

Once these payments are received – total advertising income will be **\$8050** for this advertising year.

### Education Report- Maury Balik

Per Maury he has already received the first essay entry for this year's section competition.

As for student members- a list of 20 students from NCSU has been developed (a bit low given that over 500 students were contacted about possibility of joining SPE); To date 8 student members confirmed out of

the 20 possible members; The current student section President is still pursuing additional members for this year.

### Old Business

No items

### New Business

Todd Bryant stated that the section should consider the best option for having a PayPal type capability for taking credit/debit card payments at Section events. Motion was made to adjourn and approved.

Meeting adjourned at 4:50 PM.



We just want to remind you that **your fellow SPE members are one of your most valuable member benefits**. They can help you answer technical questions...solve process problems...maximize efficiency...find a consultant or contractor...promote your products or services...and network in your specialty, interest, or geographic area.

The SPE Online Membership Directory gives you access to the largest community of plastics professionals in the world—15,000 members in 70+ countries, searchable and reachable 24/7.

And it is *only* for SPE members. Use it to find and connect with the people, answers, and solutions you need. It's easier than ever!

To search the SPE Online Membership Directory, [log in](#) to your SPE membership account at [www.4spe.org](http://www.4spe.org).



## Piedmont-Coastal Christmas Party Details - Dec 9<sup>th</sup>

The annual P-C Christmas Party

Dec 9<sup>th</sup>, at  
The Flame Steakhouse  
109 Carbonton Rd.  
Sanford, NC 27330  
919-776-7111

[www.theflamesteakhouse.com](http://www.theflamesteakhouse.com)



Bring a small <\$15 gift to participate  
in the annual Dirty Santa/Yankee Swap

Social Hour at 6:00 pm

Dinner at 7:00 pm

RSVP to Clark Broome by Dec 5<sup>th</sup>

Cost \$30 single, \$50 couple

