

# THE SHAKEOUT



## Piedmont AFS Chapter

[www.afspiedmont.org](http://www.afspiedmont.org)



June 2020

### Letter From The Chairman

#### Chairman

By Committee for 2020-2021

#### Vice Chairman

Peter Kim  
*FerroGlobe*  
(740) 336-1944

#### Second Vice Chairman

Bill Matarazzo  
*Foundry Solutions & Design*  
(973) 287-9563

#### Secretary

Brandon O'Steen  
*Specialty Foundry Products*

#### Treasurer

James Sturgeon  
*Conbraco Industries Inc.*

#### Directors (Term Expires 2021)

Haley Hollifield  
*Carolina Metal Casting*  
Glen Huneycutt  
*Charlotte Pipe & Foundry Co.*  
Jeff Gallagher  
*Piedmont Foundry Supply, Inc.*

#### Directors (Term Expires 2022)

Dale Hurt  
*Conbraco Industries Inc.*  
Jeremy McLimans  
*Hickman, Williams & Company*  
Rick Torrence  
*Charlotte Pipe & Foundry Co.*

#### Directors (Term Expires 2023)

Michael Looby  
*Inductotherm Corp.*  
Alan Dooley

Paul Huffman  
*Dominion Metallurgical, Inc.*

#### ShakeOut Chairman

Shaun McGuirt  
*Charlotte Pipe & Foundry*

#### Membership Chairman

Michael Looby  
*Inductotherm Corp.*

#### Education Chairman

Paul Huffman  
Peter Kim

#### Registration Chairman

Haley Hollifield  
*Carolina Metal Casting*

#### Publicity Chairman

Bill Matarazzo  
*Foundry Solutions & Design*

#### Program Co-Chairs

Jeff Gallagher  
Robbie Gallagher  
Ted Kostilnik  
Michael Stowe

#### Past Chairman

Shawn McKinney  
*Saint-Gobain*

AFS Piedmont Chapter and Friends,

It is unfortunate that we were not able to hold our final two meetings this year. I know everyone was looking forward to interacting with students at the April meeting in Roanoke and then winding down together at our May golf outing. However, a new chapter year is upon us and with it, the hopes that we will be able to hold all of our scheduled meetings for the 2020-21 year. The Piedmont Chapter officers and board members have been keeping in close contact throughout the Covid situation and we are doing everything we can to plan for next year. We are holding our annual planning meeting virtually this month and will be discussing all of the upcoming meetings and chapter business.

It has been a pleasure being the chairman this year. Not only this year, but over the past 3 years as I went through the chairs. I have learned so much from so many and will continue to play an active role in the chapter board and help out where I am able to. We truly have an amazing chapter and this is due to the work of officers and members supporting each other and working as a team. Being a part of this chapter is a very rewarding thing and I encourage all of you to get involved as much or as little as you are able.

I know there is still a lot of uncertainty surrounding Covid and the effects this situation has had on our economy, as well as the global economy. Many businesses are feeling the effects and I am sure it will be a while before everything settles out and we get back to a stable "normal" state. I hope we are able to hold each of our meeting, starting in September, and that you are all able to make it to them. We will continue to try to put together the best speakers and engaging topics that will help your businesses. I greatly look forward to seeing all of you again in person.

Shawn McKinney  
AFS Piedmont Chapter Chairman

# **Piedmont Chapter Education Report**

**June 2020**

“Progress through Education”

By: Paul Huffman, Education Chairman

## **University News**

As in the case across our country, most colleges and universities are physically closed due to Covid19. Both Va Tech and Ga Tech switched to online versions of their class work, but the lab classes suffered greatly. As we know, our metal castings programs are lab intensive. Both universities will continue on-line during the summer and are planning at this point to re-open this fall with some restrictions. This of course is always subject to change as we have found out.

## **Va Tech News**

### **MSE**

Although Va Tech remains on a full lock down with all building closed to everyone except essential personnel, the renovation of Holden Hall continues.

### **VT FIRE**

The Kroehling Advanced Materials Foundry is closed due to Covid19. All teaching and research work in the building has stopped. Lab classes are being taught “virtual”. Before the closures, the MSE Department hosted its first Materials Career Fair on March 2 and 3<sup>rd</sup>. A number of perspective employers attended including Howmet and SSAB. Hopefully, this will continue the next academic year and is a wonderful venue to meet and recruit students for internships and full-time employment.

Even though our annual meeting for Blacksburg/ Roanoke was cancelled, \$16,250 in scholarships were awarded to Va Tech students through the generosity of FEF and PCC. Our Piedmont Chapter scholarships will be awarded in September as classes resume.

This year our Chapter approved the purchase of a 30-gallon Investment Casting Plow Tank with a high shear mixer. The equipment is expected to be delivered to VT Fire on mid-July and will greatly benefit the Investment classes and research.

## **Ga Southern News**

### **Southern CORE**

Georgia Southern is also on full lockdown. However, before this occurred an Open Foundry Night was hosted on Feb 27<sup>th</sup> with 20 guests across the community participating. On March 7<sup>th</sup>, the student group hosted the Women in Engineering Society demonstrating the metal casting process using their Foundry in a Box.

As part of their on-line offerings, three industrial presenters were hosted. Matt Jacobs (MAGMA) presented Gating Design Optimization, Emily Shedlarski (Simpson) presented Green Sand Technology and Testing and Ted Graser (Brokk) presented Foundry Robotics. For the first time, our Piedmont Chapter awarded scholarships to Southern CORE students.

The foundry renovation has started. Their kickoff meeting was held on April 23<sup>rd</sup> and the current space has been cleared to allow for the construction work. The renovation completion date is currently September in time for fall classes. This renovation will triple the size of the current foundry as well as adding ferrous melting capability.

**Continued:**

### **Piedmont AFS High School Scholarship**

You have probably already received notice and the application for our annual High School Graduate scholarship. This scholarship is a competition and is available to this year's high school graduate who plan to enroll in a college or university by October 1, 2020. A parent of the graduate must be a member of our Piedmont Chapter in good standing.

### **AFS News**

Speaking of awards, AFS National is currently accepting nominations for a variety of Environmental Health and Safety Awards, and Engineering awards as well. The specific awards are:

- Green Foundry Awards (EHS Committees – three categories: Sustainable Industry, Innovation, Community Engagement). Due June 15.
- Safety and Health – Innovation and Insight (EHS Committee – four categories: Safety, Health, Ergonomics, Insight). Due June 15.
- Safe Year Award – 365 days without a Lost Time Injury plaque. Due July 1.
- Millionaires Award – Larger companies with 1,000,000 hours worked without a Lost Time Injury. Due Jan 1.
- Plant Engineering Award
- Energy Champion Award.

For more information on these awards, contact Juliette Garesche at AFS. [jgaresche@afsinc.org](mailto:jgaresche@afsinc.org) or call her at 847-824-0181 ext. 224.

# Application for the 2020 Piedmont Chapter AFS High School Graduate Scholarship Competition

Date: \_\_\_\_\_

First Name \_\_\_\_\_ Middle \_\_\_\_\_ Last \_\_\_\_\_

Home Address \_\_\_\_\_

Date of Birth \_\_\_\_\_ Place of Birth \_\_\_\_\_

Father's Full name \_\_\_\_\_ Mother's Full Name \_\_\_\_\_

Father's Occupation \_\_\_\_\_ Employer \_\_\_\_\_

Mother's Occupation \_\_\_\_\_ Employer \_\_\_\_\_

Parents AFS Number \_\_\_\_\_

Brothers: Number \_\_\_\_\_ Ages \_\_\_\_\_ Number in College \_\_\_\_\_ Number at home \_\_\_\_\_

Sisters: Number \_\_\_\_\_ Ages \_\_\_\_\_ Number in College \_\_\_\_\_ Number at home \_\_\_\_\_

Please list any other scholarships or financial aid you have received this academic year: \_\_\_\_\_

\_\_\_\_\_

To which College (s) have you applied for admission? \_\_\_\_\_

\_\_\_\_\_

To which College(s) have you been accepted for admission? \_\_\_\_\_

\_\_\_\_\_

What is your anticipated Major Field of study? \_\_\_\_\_

Name of high School attended \_\_\_\_\_ Graduation Date \_\_\_\_\_

What is your class rank \_\_\_\_\_ Number of students in your class \_\_\_\_\_

List any special recognition have you received for scholastic excellence: \_\_\_\_\_

\_\_\_\_\_

List any extra-curricular activities in which you participate: \_\_\_\_\_

\_\_\_\_\_

What jobs have you held in the last three years? \_\_\_\_\_

\_\_\_\_\_

Continued

Requirements:

This scholarship is only available to high school seniors whose parent is a member in good standings of the Piedmont Chapter of the American Foundry Society. Deadline for return of this application is June 30th, 2020.

2. To be eligible for this scholarship applicant must be enrolled in a college or university by October 1, 2020. Please note any scholarship monies w the college or university and not to the student applicant.
3. Enclose SAT test scores or related equivalent. These may be photocopies.

Enclose official high school transcripts of student records from the beginning of the **9th** grade to due date of application. These may be photocopies but should bear an original signature of the proper school authority.

The applicant shall prepare a statement of 300 words or less setting forth his or her vocational or professional goal and relate how past, present and future activities will make the accomplishment of this goal probable. The applicant by deed and circumstance must demonstrate his or her worthiness. The letter must be signed.

6. Application must be signed by the applicant and by the principal or a current teacher.

Signature of applicant \_\_\_\_\_

Date \_\_\_\_\_

Signature of Principle or Teacher \_\_\_\_\_

Date \_\_\_\_\_

Return this application to:

Paul Huffman - Piedmont Chapter Education Chairman  
c/o Dominion Metallurgical, Inc.  
5304 Valleypark Drive  
Roanoke, VA 24019

# **"We Appreciate our Chapter Website Sponsors"**

**Advanced Energy**

**Ajax Tocco**

**Blast Cleaning Technologies**

**Blastec, Inc.**

**Carolina Metal Castings**

**Charlotte Pipe and Foundry Company**

**Conbraco Industries, Inc.- Apollo Flow Controls**

**Covia**

**Dauber Company, Inc.**

**DeLong Equipment Company**

**Emsco, Inc.**

**Ferroglobe**

**Foundry Coatings, Inc.**

**Foundry Solutions & Design**

**HA International**

**Impact NDT**

**Inductotherm Corp.**

**LaempeReich**

**Metal Energies, Inc.**

**Metaltec Steel Abrasive Co.**

**Miller and Company**

**Piedmont Foundry Supply, Inc.**

**Porter Warner**

**Premier Magnesia, LLC/Enviroblend**

**Resco Products**

**Saint Gobain**

**Selee**

**Southeastern Foundry Products & Foundry Coatings**

**Specialty Foundry Products**

**Wheelabrator**

**BE A PIEDMONT CHAPTER SPONSOR**

**Contact : Mike Looby [mlooby@inductotherm.com](mailto:mlooby@inductotherm.com) 609-257-7544**

# AFS Piedmont Chapter Leadership 2020-2021

## **Officers**

### **Chairman**

**BY COMMITTEE for 2020-2021**

### **Vice Chairman**

Peter Kim  
SE District Sales Manager  
FerroGlobe  
Country Road 32  
Beverly, OH 45715  
(740)336-1944  
[pkim@ferroglobe.com](mailto:pkim@ferroglobe.com)

### **2<sup>nd</sup> Vice Chairman**

Bill Matarazzo  
Project Manager  
Foundry Solutions & Design  
316 Maxwell Road, #500  
Alpharetta, GA 30009  
(770) 667-4545 (work)  
(973) 287-9563 (cell)  
[wmatarazzo@foundrysd.com](mailto:wmatarazzo@foundrysd.com)

### **Secretary**

Brandon O'Steen  
Account Manager  
Specialty Foundry Products  
1130 Raimund Muscoda Road  
Bessemer, AL 35020  
(336) 676-2153  
[bosteen@specfoundry.com](mailto:bosteen@specfoundry.com)

### **Treasurer**

James Sturgeon  
Foundry Manager  
Conbraco Industries Inc.  
Steel Products Division  
PO Box 1076  
Conway, SC 29528  
(843) 347-4666 Ext.1182  
[james.sturgeon@conbraco.com](mailto:james.sturgeon@conbraco.com)

### **Past Chairman**

Shawn McKinney  
Application Engineer  
Saint-Gobain  
225 Springfield Meadow Drive  
Etowah, NC 28729  
(828) 290-7024  
[shawn.mckinney@saint-gobain.com](mailto:shawn.mckinney@saint-gobain.com)

### **Student Chapter Co-Chairs**

Audrie Corral, Co-Chair  
Student, Virginia Tech  
(571) 217-3738  
[audrie1@vt.edu](mailto:audrie1@vt.edu)

Matthew Drew, Co-Chair  
Student, Virginia Tech  
(757) 633-3743  
[matt00165@vt.edu](mailto:matt00165@vt.edu)

Garrett Windham, President  
Student, Georgia Southern  
[mw09968@georgiasouthern.edu](mailto:mw09968@georgiasouthern.edu)

## **Directors**

### **Director Class of 2021**

Haley Hollifield  
Office Manager  
Carolina Metal Castings  
PO Box 95  
354 Industrial Park Road  
Hardeeville, SC 29927  
(843) 784-2251, EXT 3 (office)  
(706) 386-4913 (cell)  
[haley@carolinametalcastings.com](mailto:haley@carolinametalcastings.com)

Glenn Huneycutt  
Division Trainer  
Charlotte Pipe & Foundry Co.  
1335 South Clarkson Street  
Charlotte, NC 28235  
(704) 348-5413  
[ghuneycutt@charlottepipe.com](mailto:ghuneycutt@charlottepipe.com)

Jeff Gallagher  
Piedmont Foundry Supply, Inc.  
PO Box 87  
Cloverdale, VA 24077  
(540) 580-6844  
[pfsjeff@ntelos.net](mailto:pfsjeff@ntelos.net)

### **Director Class of 2022**

Dale Hurt  
Assistant Foundry Manager  
Conbraco Industries Inc.  
1509 S. Van L. Mungo Blvd  
Pageland, SC 29708  
[dale.hurt@conbraco.com](mailto:dale.hurt@conbraco.com)

Jeremy McLimans  
Technical Sales Representative  
Hickman, Williams & Company  
6918 Shallowford Rd, Suite 311  
Chattanooga, TN 37421  
(423) 208-5468  
[JMcLimans@hicwilco.com](mailto:JMcLimans@hicwilco.com)

Rick Torrence  
Procurement Manager  
[Charlotte Pipe & Foundry Co.](mailto:CharlottePipe&FoundryCo)  
1335 South Clarkson Street  
Charlotte, NC 28235  
(704) 348-5510  
[rtorrence@charlottepipe.com](mailto:rtorrence@charlottepipe.com)

Rodney Reid  
Charlotte Pipe & Foundry Co.  
1335 South Clarkson Street  
Charlotte, NC 28235  
[rreid@charlottepipe.com](mailto:rreid@charlottepipe.com)

### **Director Class of 2023**

Michael Looby  
Senior District Manager  
Inductotherm Corp  
10 Indel Avenue, PO Box 157  
Rancocas, NJ 08073  
(609) 257-7544  
[mlooby@inductotherm.com](mailto:mlooby@inductotherm.com)

Alan Dooley

Paul Huffman, President  
Dominion Metallurgical, Inc.  
5304 Valley Park Drive  
Roanoke, VA 24019  
(540) 529-9600  
[phuffman@dom-met.com](mailto:phuffman@dom-met.com)

## **Committee Chairs**

### **Education Chairman**

Paul Huffman, President  
Dominion Metallurgical, Inc.  
5304 Valley Park Drive  
Roanoke, VA 24019  
(540) 529-9600  
[phuffman@dom-met.com](mailto:phuffman@dom-met.com)

### **Membership Chairman**

Michael Looby  
Senior District Manager  
Inductotherm Corp  
10 Indel Avenue, PO Box 157  
Rancocas, NJ 08073  
(609) 257-7544  
[mlooby@inductotherm.com](mailto:mlooby@inductotherm.com)

### **Program Co-Chairs**

Jeff Gallagher  
Piedmont Foundry Supply, Inc.  
PO Box 87  
Cloverdale, VA 24077  
(540) 580-6844  
[pfsjeff@ntelos.net](mailto:pfsjeff@ntelos.net)

Robbie Gallagher (Same info as above)

### **Publicity / Web Chairman**

Bill Matarazzo (Same info as above)

### **Registration Chairman**

Haley Hollifield (Same info as above)

### **Shakeout Chairman**

Shaun McGuirt  
Charlotte Pipe & Foundry Co.  
1335 South Clarkson Street  
Charlotte, NC 28235  
(704) 348-5402  
[smcguirt@charlottepipe.com](mailto:smcguirt@charlottepipe.com)

## **Recently Rolled OFF**

### **Director Class of 2020**

Jim Harwood, Owner  
Carolina Metal Castings  
PO Box 95  
Hardeeville, SC 29927  
(843) 784-2251  
[jim@carolinametalcastings.com](mailto:jim@carolinametalcastings.com)

Robbie Gallagher  
Piedmont Foundry Supply, Inc.  
PO Box 87  
Cloverdale, VA 24077  
(540) 353-1731  
[pfsrobbie@ntelos.net](mailto:pfsrobbie@ntelos.net)

Ted Kostilnik  
Regional Account Manager  
Specialty Foundry Products  
166 Lumber Lane  
Mt. Holly, NC 28120  
(706) 302-4809  
[tkostilnik@comcast.net](mailto:tkostilnik@comcast.net)

### **Program Co-Chairs**

Jeff Gallagher (same info as above)

Robbie Gallagher  
Piedmont Foundry Supply, Inc.  
PO Box 87  
Cloverdale, VA 24077  
(540) 580-6844  
[pfsrobbie@ntelos.net](mailto:pfsrobbie@ntelos.net)

Ted Kostilnik  
Regional Account Manager  
Specialty Foundry Products  
166 Lumber Lane  
Mt. Holly, NC 28120  
(706) 302-4809  
[tkostilnik@comcast.net](mailto:tkostilnik@comcast.net)

Michael Stowe  
Senior Energy Engineer  
Advanced Energy  
909 Capability Drive Suite 2100  
Raleigh, NC 27606  
(919) 857-9043 (work)  
(919) 904-0279 (cell)  
[mstowe@advancedenergy.org](mailto:mstowe@advancedenergy.org)



# Individual Member Benefits

## Education and Career Advancement

*Increase your personal competitiveness*

- Institute classroom and hands-on course discounts
- Conference and seminar special pricing
- Publication, video and resource discounts
- Webinar access—complimentary and special pricing

## Networking and Special Interest Groups

*Develop your own advantage*

- CastingConnection—a member-only online virtual community
- Local Chapter membership included
- Management & technical committee opportunities
- Shared Interest group involvement
  - Women In Metalcasting (WIM)
  - Future Leaders of Metalcasting (FLM)

## Knowledge Transfer from Generation to Generation

*Be "in the know" about your industry*

- Member Connections Newsletter
- Modern Casting magazine subscription
- AFS Library reduced pricing for papers and articles



For more information contact:  
Customer Service at 847/824-0181

ADVOCATE. EDUCATE. INNOVATE.

[www.afsinc.org](http://www.afsinc.org) • 800/537-4237



# AFS Individual Membership Application

Individual—Annual Dues			
<input type="radio"/> Personal	\$105	<input type="radio"/> Teaching Associate	\$65
<input type="radio"/> Corporate Individual*	\$70	<input type="radio"/> Student	\$20
<input type="radio"/> Retired	\$25	<input type="radio"/> International Technical**	\$105

\*Employees of corporate members \*\*Outside of North America

Name \_\_\_\_\_ Job Title \_\_\_\_\_

Company \_\_\_\_\_ Home/Work (circle one) Address \_\_\_\_\_

City/State/Prov \_\_\_\_\_ Country \_\_\_\_\_ Postal Code \_\_\_\_\_

Tel \_\_\_\_\_ Email \_\_\_\_\_

I desire affiliation with the following AFS Chapter \_\_\_\_\_

I wish to receive MODERN CASTING magazine?  Yes  No

## What does your company do? (check one)

- |  |   |
|--|---|
| <input type="radio"/> A. Producer of Metal Castings (foundry, diecaster, etc.)         | <input type="radio"/> F. Casting User/Designer/Buyer                    |
| <input type="radio"/> B. Pattern and Tooling Shop                                      | <input type="radio"/> G. Educational Institute/Faculty/Students/Library |
| <input type="radio"/> C. Supplier of Metalcasting Equipment, Raw Materials or Services | <input type="radio"/> H. U.S./Foreign Government/Military               |
| <input type="radio"/> D. Consultant/Consulting Engineer                                | <input type="radio"/> I. Other _____                                    |
| <input type="radio"/> E. Research Institute/Testing Lab                                |   |

## What metals are your primary focus? (check up to three)

- |                                   |  |                                   |
|-----------------------------------|--|-----------------------------------|
| <input type="radio"/> A. Iron     | <input type="radio"/> D. Copper-Base (brass, bronze, etc.) | <input type="radio"/> Other _____ |
| <input type="radio"/> B. Steel    | <input type="radio"/> E. Magnesium                         |                                   |
| <input type="radio"/> C. Aluminum | <input type="radio"/> F. Zinc                              |                                   |

## Payment Information

Check Enclosed (U.S. funds only) Charge To:  American Express  Mastercard  Visa

The following information is required in order to charge your membership:

Account No. \_\_\_\_\_ Exp. Date \_\_\_\_\_ Security Code \_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_

Return completed application to:

American Foundry Society • 35169 Eagle Way • Chicago, IL 60678-1351

Tel: 847/824-0181 • Fax: 847/824-7848 • [www.afsinc.org](http://www.afsinc.org)

Join online: <https://hub.afsinc.org>

ADVOCATE. EDUCATE. INNOVATE.

[www.afsinc.org](http://www.afsinc.org) • 800/537-4237





**MARK YOUR CALENDARS NOW  
TO MAKE THESE 2020 MEETINGS  
CHAPTER MEETINGS**



DATE	LOCATION	TOPIC	TOUR
April 8-9	<b>CANCELLED</b>	<b>CANCELLED</b>	<b>CANCELLED</b>
May 21-22	<b>CANCELLED</b>	<b>CANCELLED</b>	<b>CANCELLED</b>

**Shakeout Newsletter**

Please send announcements, news about members, committee reports, or any items of interest for the Shakeout to:

**Shaun McGuirt**

**Charlotte Pipe & Foundry Co.**

**P.O. Box 35430**

**Charlotte, NC 28235**

**E-mail: [smcguirt@charlottepipe.com](mailto:smcguirt@charlottepipe.com)**

***Deadline for Articles in the next ShakeOut: August, 2020***