

# THE SHAKEOUT



## Piedmont AFS Chapter

www.afspiedmont.org



November 2020

### Letter From The Chairman

Greetings Piedmont Chapter Members and Friends!

A touch of Fall Weather has finally hit our region, and I hope you're enjoying it after the nice Hot Summer. It's amazing how this year has had two different "feels" to it- one – it's already November and we're anticipating the upcoming Thanksgiving and Holiday Season. And two, the days and weeks of "Virus Spread Lockdown" seemed to take forever to get through.

Your AFS Piedmont Chapter Leadership Team has been busy planning, and modifying plans, for our upcoming meetings. The details for our November Meeting are now finalized, and you will definitely want to join in on the Virtual Meeting on November 19<sup>th</sup>. Our agenda includes the latest take on the 2020 Election Results as presented by Stephanie Salmon from our AFS National Office in Washington, DC. We have been fortunate to have Stephanie enlighten us on many occasions, and this presentation is shaping up to be another significant one, regardless of your political persuasions. Please see the Meeting Notice on the following page of the Shakeout for more details and how to Register.

**THERE IS NO CHARGE TO REGISTER AND PARTICIPATE IN THIS MEETING!!!**

While we are not charging a "registration or participation" fee this time, we definitely would like to have some Meeting Sponsors step up to the plate and Support the Educational Goals of our Chapter despite the lack of "in-person" meetings so far. As a Sponsor, your Company's name will be prominently displayed on the screen prior to and after our Virtual Presentation by Stephanie, and your Sponsor's Donation to our Education Fund is fully tax deductible. Please contact anyone on the Leadership Team if you want to set up your Company as a Meeting Sponsor. **WE APPRECIATE YOUR SUPPORT!!!**

Our January 2021 Chapter Meeting is planned for Statesboro, Georgia, on the beautiful campus of Georgia Southern University, where an EXCELLENT New Foundry Program has taken roots for the students to embrace and thrive. The Committee has been planning for this to be our first "in-person" meeting of the Chapter Year, and we are very close to the deadline for making that final decision of either going in-person or virtual. We feel it is very important for our Chapter Members to personally see what is being developed at Georgia Southern, where we will soon have the second FEF Accredited Foundry Program in our Chapter area. But at the same time, we have to be cognizant that a number of our Chapter Members may be either hesitant to or unable to travel to an on-site meeting. Your input directed to a member of the Leadership Team on this matter will be appreciated.

Did I mention the Chapter "Leadership Team"? Absolutely I did. As a Member of the Piedmont Chapter, you have the right and perhaps the "obligation" to donate your time and talents to serve on the Team. Please Contact any Leadership Team Volunteer and let them know that you want to join in on the effort!!

In closing, we wish You and Your Family a Very Happy and Special Thanksgiving Holiday!!!

On behalf of the Chapter Leadership Team,

Ted Kostilnik, Past Chapter Chairman

#### Chairman

By Committee for 2020-2021

#### Vice Chairman

Peter Kim  
*FerroGlobe*  
(740) 336-1944

#### Second Vice Chairman

Bill Matarazzo  
*Foundry Solutions & Design*  
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#### Secretary

Brandon O'Steen  
*Specialty Foundry Products*

#### Treasurer

James Sturgeon  
*Conbraco Industries Inc.*

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Haley Hollifield  
*Carolina Metal Casting*  
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Michael Looby  
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Paul Huffman  
Peter Kim

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#### Program Co-Chairs

Jeff Gallagher  
Robbie Gallagher  
Ted Kostilnik  
Michael Stowe

#### Past Chairman

Shawn McKinney  
*Saint-Gobain*



## AFS PIEDMONT CHAPTER ZOOM MEETING NOTICE

November 16<sup>th</sup>, 2020

Meeting Time: 1:30 PM EST

Guest Speaker: Stephanie Salmon

### **Meeting Topic: The 2020 Election Results and their Impact on the Metal Casting Industry**

Stephanie Salmon serves as a liaison and representative to the AFS' Government Affairs Committee and the Safety and Health Committee.

#### **Zoom Meeting Info:**

<https://us02web.zoom.us/j/85740828609?pwd=dTBvMHpSc29lQkU4b2t4R1JOVUJlZz09>

Meeting ID: 857 4082 8609

Passcode: 1234

Dial by your location

- +1 301 715 8592 US (Germantown)
- +1 312 626 6799 US (Chicago)
- +1 929 205 6099 US (New York)
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- +1 669 900 6833 US (San Jose)

Meeting ID: 857 4082 8609

Find your local number: <https://us02web.zoom.us/j/85740828609>



# **Piedmont Chapter Education Report**

## **November 2020**

“Progress through Education”

By: Paul Huffman, Education Chairman

### **FEF News**

#### ***FEF’s Virtual Career Fair – November 17***

The 2020 FEF Fall College Industry Conference – Virtual Career Fair is right around the corner on November 17 from 3 pm – 6 pm central. This an opportunity for companies to meet virtually with over 150 students available for full-time opportunities, as well as internships and co-op positions in the metalcasting industry. The list includes 20 students from Virginia Tech and Georgia Southern. Registration is now open. For more information: <https://fefinc.org/schedule.html>

#### ***Bring the Giving Tuesday trophy back to Virginia Tech***

The **Third annual** Giving Tuesday challenge started October 1 and will end on Giving Tuesday, December 1. This year's ***Alumni 34x34 Giving Tuesday Challenge*** will support FEF student scholarships and programs such as Virginia Tech. The winning school who has the most participants receives a trophy and bragging rights for the year. Last year, University of Northern Iowa became the winner with just a few more participants than Virginia Tech - the 2018 winner.

Let’s show the other schools that Virginia Tech has the best supporters in the country by giving to the ***Alumni 34x34 Giving Tuesday challenge***. Use this link to make a gift on a secured site. Funds go directly to FEF in support of Virginia Tech.

[https://www.justgiving.com/fundraising/Virginia-Tech?utm\\_source=Sharethis&utm\\_medium=fundraising&utm\\_content=Virginia-Tech&utm\\_campaign=pfp-email&utm\\_term=e5e265d86d3749fba164b152506d5b1c](https://www.justgiving.com/fundraising/Virginia-Tech?utm_source=Sharethis&utm_medium=fundraising&utm_content=Virginia-Tech&utm_campaign=pfp-email&utm_term=e5e265d86d3749fba164b152506d5b1c)

Continued:

## **Va Tech News**

### **MSE**

The extensive renovation of Holden Hall continues. Below is a panoramic picture taken last Friday showing the progress. There was a “topper” ceremony on October 7. There will be posting photos on the Holden Chronicle webpage later this week. If you have an interest, just click on this link: <https://mse.vt.edu/facilities/holden-hall-renovations-chronicle.html> The project remains on-time for a Spring 2022 move in.



*Holden Hall Today Continuing Renovations*

### **VT FIRE News**

Our VT Fire classes continue under Covid protocols. Lab classes are hybrid with lectures remaining on-line. Each student taking a foundry lab is being provided with a new pair of safety glasses and a new hard hat face shield for this semester's in-person activities. All conferences have been cancelled and students/faculty are not allowed to travel.



Continued:

## Georgia Southern News

### **Southern CORE**

As many of you are aware, The Southern CORE lab space is also being renovated. We are now in “semi-production” as the following pictures exhibit. The ferrous foundry is almost completed with the new transformer installed. They are currently waiting on repair of the cooling pump before scheduling start up.



Southern CORE is planning to host their own internal Casting Competition consisting of five different teams. The project end date will be January during our planned Piedmont Chapter meeting hopefully on campus. The current plan is to have our members act as Judges for this competition. The castings will then be submitted for the upcoming South East Regional casting competition.

Not allowing Covid to get in their way, the student leadership held their first virtual student chapter meeting with 28 members in attendance. Quite an accomplishment with 9 of these members freshmen.

Similar to VT FIRE, Covid has severely constrained the Southern CORE outreach activities. As of now, there is no plans for foundry nights or foundry in a box demonstrations.

However, our students have attended a series of virtual conferences. Two students attended the 2020 virtual user meeting. This occurred over 4 days. In addition, six students attended the virtual ICI 2020 virtual conference, also over 4 days.

Both Dr. Jingjing Qing and Dr. Ming Xu received the AFS best paper award in the cast iron division. Dr. Xu also received a large grant from AIST as the Peaslee Junior Faculty award recipient.

# **AFS PIEDMONT CHAPTER JANUARY 2021 MEETING**

## **SAVE THESE DATES ON YOUR CALENDAR:**

**WEDNESDAY AND THURSDAY, JANUARY 20 AND 21,  
2021**

**WHERE- STATESBORO, GEORGIA- GEORGIA SOUTHERN UNIVERSITY  
HOTEL VENUE- THE HOLIDAY INN- UNIVERSITY AREA**

TEAM SAVANNAH IS HOSTING THE JANUARY MEETING, AND IS EXCITED TO BE UNVEILING THE NEWEST METAL CASTING STUDENT LEARNING CENTER ON THE CAMPUS OF GEORGIA SOUTHERN UNIVERSITY. THIS FACILITY IS IMPRESIVE, AND THE GSU TEAM IS WORKING RAPIDLY TOWARD BECOMING A FEF FULLY ACCREDITED TEACHING FACILITY.

WE ARE ANXIOUSLY LOOKING FORWARD TO HAVING AN IN-PERSON MEETING TO START THE NEW CALENDAR YEAR!!!

### **TEAM SAVANNAH MEMBERS:**

HALEY HOLLIFIELD, JIM HARWOOD, GARRETT WINDHAM, MINGZHI XU, TED KOSTILNIK

THIS MEETING WILL BE HELD IN CONJUNCTION WITH THE AFS NATIONAL CAST IRON MELTING COMMITTEE- 5R.

### **TENTATIVE AGENDA:**

WEDNESDAY MORNING- CONCURRENT TECHNICAL SESSIONS FOR THE 5R COMMITTEE AND THE AFS PIEDMONT CHAPTER. THE EXACT AGENDA FOR EACH SESSION IS STILL BEING FINALIZED.

WEDNESDAY AFTERNOON- TOUR THE GSU FOUNDRY LAB AND GET PROGRESS REPORT FROM MINGZHI.

WEDNESDAY EVENING- SOCIAL HOUR AND DINNER MEETING. PRESENTATIONS BY GSU STUDENT CHAPTER MEMBERS.

THURSDAY MORNING- TRAVEL TO HARDEEVILLE, SC AND TOUR CAROLINA METAL CASTINGS.

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

**Advanced Energy**  
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**Blastec, Inc.**  
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**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**

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### **Treasurer**

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### **Past Chairman**

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

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## **Directors**

### **Director Class of 2021**

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### **Director Class of 2022**

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### **Director Class of 2023**

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Alan Dooley

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## **Committee Chairs**

### **Education Chairman**

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### **Membership Chairman**

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### **Program Co-Chairs**

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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  
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## **Recently Rolled OFF**

### **Director Class of 2020**

Jim Harwood, Owner  
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### **Program Co-Chairs**

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# 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*

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

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# 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:

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

Return completed application to:

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**MARK YOUR CALENDARS NOW  
TO MAKE THESE 2020-2021 MEETINGS  
CHAPTER MEETINGS**



<b>November Meeting</b>	<b>January Meeting</b>	<b>March Meeting</b>	<b>May Outing</b>
Charlotte, NC	Statesboro	Blackburg/Roanoke	Waynesville (HHI as backup)
PM Molding Machines/Pressure Pourers	TBD w/ 5R(cast iron)??	TBD	Golf
11/18/2020	1/20/2021	3/24/2021	5/20/21 and 5/21/21

**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: November 2020***