

THE SHAKEOUT



Piedmont AFS Chapter

www.afspiedmont.org



April 2023

Letter from the Chairman

AFS Piedmont Chapter and Friends,

As the Chairman of the AFS Piedmont Chapter this year, I would like to thank the Board of Directors for helping to make this chapter what it is.

The board of directors for the Piedmont Chapter is comprised of volunteer members of our industry representing foundries, and suppliers alike. Together, they are responsible for putting together the programs, and planning chapter meetings and events that so many of us benefit from. The continuing education and networking opportunities developed at local chapter meetings are invaluable.

Our chapter's fiscal year starts/ends in June and with that, I am proud to report that the chapter is in good financial standing thanks to our sponsors and involved members. Also, we have a good leadership team in place with many years of experience. I would however like to ask members of the chapter to consider joining the Board of Directors.

Serving on the Piedmont Chapter Board is an opportunity to both give back to the industry and to develop your leadership within the industry. Directors can help steer the direction of the chapter by helping to plan meetings and events and vote on chapter policies and decisions.

Think about your go-to people outside of your company, there is a good chance they are a board member or involved with the chapter. If you are interested in becoming more involved, feel free to have a conversation with any of our current or past board members at an upcoming meeting.

Our January and February meetings this year were at Georgia Southern and Virginia Tech Respectively. At each university, we got the opportunity to meet and interact with future colleagues in their respective foundry programs and learn more about what they are studying and researching.

Our meeting topic at Georgia Southern was Refractory Life, Safety, and Maintenance, were we had informative technical presentations by Brent Buchcusi of United Refractories, Tim Hoyt of Allied Minerals, and Josh Gammariello of Foseco. Brad Muller of Charlott Pipe and AFS National gave an AFS update at dinner. We wrapped up the meeting with a tour of Daniel Defense.

At Virginia Tech, our meeting topic was Defects & Data Analytics, and we had thought provoking presentations by Brett Fisher of Foundry Solutions & Design, Derek Yesmunt of Norican, and Peter Kim of Miller and Company. Dr. Suneel Kodambaka the Materials Science and Engineering Department Head at Virginia Tech

gave the dinner presentation – an update on the MSE program at Virginia Tech and an outlook on the future of the metals and materials industries.

Additionally, during the meetings at Georgia Southern and Virginia Tech, the Piedmont Chapter gave out thousands of dollars in scholarships to well deserving students excited to contribute to our industry!

Last month the AFS Tennessee Chapter hosted the Southeast Regional in Chattanooga. It was a great opportunity to meet and interact with everyone both in our chapter and our neighboring chapters in the region.

Coming up on May 17th and 18th we have our annual May Outing. The May Outing will be focused on management development and employee retention. This will be a great opportunity for foundry managers and rising leaders to talk about their best practices and get ideas for challenges you may be facing.

Additionally we will have our Past Chairman's night where past chairmen of the Piedmont Chapter will be recognized for their contributions over the years.

Our final meeting for the year will be the June Planning Meeting where the Piedmont Chapter Board of Directors meets to set the schedule for the 2023 to 2024 year. If you have any ideas for topics you would like to discuss, please let a board member know! (there is a list at the end)

Once again, I would like to thank the officers and directors of the AFS Piedmont Chapter for their support. We are very blessed to have such a great group of volunteers to work with. Thank you for your support, leadership, and guidance throughout this year.

As always, we appreciate our chapter's sponsors whose financial generosity help make this all possible.

Looking forward to seeing everyone at the May Outing. Please check the calendar on our website, mark your calendars, and make your reservations. We look forward to seeing you there!

Sincerely,

Bill Matarazzo

Bill Matarazzo

AFS Piedmont Chapter Chairman



January Meeting – Tour of Daniel Defense



February Meeting – Virginia Tech

AFS PIEDMONT CHAPTER MEETING REGISTRATION

PAST CHAIRMAN'S NIGHT

May 17 & 18, 2023

Hilton Head, SC

The Beach House Resort

1 South Forest beach Drive, Hilton Head, SC 29928

Reservations: (855)433-0341

Mention AFS When Booking

[Online Booking Link](#)

\$175/Night for 1 King or 2 Queen Bedroom

**** MUST BOOK BY APRIL 21st, 2023 ****



Meeting Topic: May Outing - Management & Employee Retention

Wednesday, May 17th

9:00 am	Captains Choice Tournament: Shipyard Golf Club 45 Shipyard Drive, Hilton Head Island, SC 29928
6:00 – 7:00 pm	Social Hour – Sky Room at the Beach House
7:00 – 9:00 pm	Past Chairman's Night Dinner and Annual Chapter Meeting – Sky Room at the Beach House Dinner Speaker: You Can't Afford NOT To Train You Management Team Peter Mierke – OpX Solutions

Thursday, May 18th

8:30 am	Roy Eggleston Memorial Tournament: Shipyard Golf Club 45 Shipyard Drive, Hilton Head Island, SC 29928
1:30 pm	Luncheon and Presentation of Golf Awards – Sky Room at the Beach House (You must be present to win)
2:30 – 3:30 pm	Management Development Working Group & Roundtables

PLEASE PRE-REGISTER by April 21st, 2023.

Name _____	Company _____
Meeting Registration	\$125.00 x ____ = _____
Spouse Registration	\$ 50.00 x ____ = _____
Golf Fee for Wednesday	\$150.00 x ____ = _____
Golf Fee for Thursday	\$150.00 x ____ = _____
Late Registration Fee After 4/21/23	\$ 25.00 x ____ = _____
	Total _____

Online Registration: <http://afspiedmont.org/meeting-registration>

If you have any questions, please contact Roy Stevenson, (331) 771-1016 R.Stevenson@magma-soft.com or Robbie Gallagher (540) 353-1731 pfsrobbie@ntelos.net

Make checks payable to:	<u>AFS Piedmont Chapter</u>
Mail registration form and payment to:	James Sturgeon 8208 Forest Lake Drive Conway, SC 29526

Piedmont Chapter Education Report

April 2023

By: Peter Kim, Education Chairman

Both of our chapter's schools will be competing at the Cast in Steel competition at the Casting Congress later this month. Please stop by the FEF booth to see their work. Below are a video of their submissions.

Virginia Tech

<https://www.youtube.com/watch?v=ahKgQGpUVZ0>

Georgia Southern

<https://www.youtube.com/watch?v=YdEu9TBnVnM&list=PLEVF0xJ-MIHOQXOCvNr8S2l89Bkaxcob1&index=5>

VT FIRE News

I would like to thank Dr. Druschitz and the VTFIRE students for the successful meeting at Virginia Tech in February. Also, would like to mention Brian Lewis who was present to help hand out the FEF scholarships. A total of sixteen scholarships were awarded to the students, three of which were AFS Piedmont scholarships. Congratulations to Jessica Phuong, Josh Adelman, and Anna Carnahan being the recipients of the AFS Piedmont Scholarships this year.



There has been some movement regarding replacing Dr. Druschitz where there is an interview scheduled of a potential candidate.

Southern CORE News

Congratulations to the Southern CORE students in sweeping the Southeast Regional Casting competition. Noah Brack won first, Robert Myers second, and Evan Carter third. It is amazing to see the enthusiasm and the passion that the students of this program is showing for metal casting. Monthly meetings have been taking place for the CORE student chapter with guest speakers at nearly everyone. Thank you to all of those in the chapter that have volunteered their time to go down and presented to the students.



Congratulations to the Graduating Seniors!

The Piedmont Chapter congratulates the Virginia Tech and Georgia Southern Seniors who will be graduating this May. We wish you the best on your future endeavors and in the metal casting industry!

We Appreciate our Chapter's Sponsors

Advanced Energy
Ajax TOCCO Magnethermic
American Colloid Company
ASK Chemicals
Carolina Metal Castings
Charlotte Pipe and Foundry Company
Covia
EMSCO
Foundry Solutions & Design
Foundry Supply Group
General Kinematics
Inductotherm Corp.
IVI Inc.
Magma
MetalTech Systems
Miller & Co
Piedmont Foundry Supply
Porter Warner
Premier Magnesia – EnviroBlend
Resco Products
Saint-Gobain
Simpson Technologies
Specialty Foundry Products

Be a Piedmont Chapter Sponsor!

<http://afspiedmont.org/sponsors>

As a sponsor you will have your company logo displayed on the sponsors page of our website and your company will be listed on every email sent to our chapter members for announcements and news.

AFS Piedmont Chapter Leadership 2022-2023

Officers

Chairman

Bill Matarazzo
VP & Project Manager
Foundry Solutions & Design
316 Maxwell Road, Suite 500
Alpharetta, GA 30009
(973)287-9563 (cell)
wmatarazzo@foundrysd.com

Vice Chairman

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

2nd Vice Chairman

Vacant

Secretary

Vacant

Treasurer

James Sturgeon
Foundry Manager
Aalberts IPS Steel Products Division
PO Box 1076
Conway, SC 29528
(843)347-4666 Ext.1182
james.sturgeon@conbraco.com

Past Chairman

Peter Kim
Regional Sales Manager
Miller & Co
9550 W. Higgins Rd, Suite 380
Rosemont, IL 60018
(213) 999-3177
pkim@millerandco.com

Student Chapter Chairs

Virginia Tech
Anna Carnahan

Georgia Southern
Noah Brack

Directors

Director Class of 2023

Michael Looby
Director of Inter-Company Sales &
Senior District Manager
Inductotherm Corp
10 Indel Avenue, PO Box
157Rancocas, NJ 08073
(609)257-7544
mlooby@inductotherm.com

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

Jesse Kraina
General Manager
IVI, Inc.
109 Southwest Drive
Spartanburg, SC 29303
(920)419-2395
jkraina@ivinc.com

Director Class of 2024

Chance Clodfelter
Charlotte Pipe & Foundry Co.
1335 South Clarkson Street
Charlotte, NC 28235
(704)619-0087
mclodfelter@charlottepipe.com

Glenn Huneycutt
Safety & Health Manager
Charlotte Pipe & Foundry Co.
1335 South Clarkson Street
Charlotte, NC 28235
(704)348-5413
ghuneycutt@charlottepipe.com

Rodney Reid
Production Scheduler Manager
Charlotte Pipe & Foundry Co.
1335 South Clarkson Street
Charlotte, NC 28235
(704)348-5428
rreid@charlottepipe.com

Director Class of 2025

Emily Shedlarski
Simpson Technologies
751 Shoreline Drive
Aurora, IL 60504
(205)703-3705
eshedlarski@simpsongroup.com

Shawn McKinney
Application Engineer
Saint Gobain
1 New Bond Street
Worcester, MA 01606
(828)290-7024
Shawn.mckinney@saint-gobain.com

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

Committee Chairs

Education Chairman

Peter Kim
Regional Sales Manager
Miller & Co
9550 W. Higgins Rd, Suite 380
Rosemont, IL 60018
(213) 999-3177
pkim@millerandco.com

Membership Chairman

Michael Looby
Director of Inter-Company Sales &
Senior District Manager
Inductotherm Corp
10 Indel Avenue, PO Box 157
Rancocas, NJ 08073
(609)257-7544
mlooby@inductotherm.com

Program Co-Chairs

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

Robbie Gallagher
Piedmont Foundry Supply, Inc.
PO Box 87
Cloverdale, VA 24077
(540)580-6844

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

Michael Stowe
Senior Energy Engineer
Advanced Energy
909 Capability Dr. Suite 2100
Raleigh, NC 27606
(919)904-0279
mstowe@advancedenergy.org

Publicity / Web Chairman

Bill Matarazzo
VP & Project Manager
Foundry Solutions & Design
316 Maxwell Road, Suite 500
Alpharetta, GA 30009
(973)287-9563
wmatarazzo@foundrysd.com

Registration Chairman

Roy Stevenson
MAGMA Foundry Technologies, Inc.
10 N. Martingale Road, Suite 425
Schaumburg, IL. 60173
(331)-771-1016
R.Stevenson@magmasoft.com

Shakeout Chairman

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

Recently Rolled OFF

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

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

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



AFS Individual Member Benefits

Workforce & Career Development

Leadership Training & Sustainability

- AFS trains the current and future leaders of metalcasting

Building the Next Generation of Metalcasters

- Student chapters, Institute training, foundry demonstrations, Melting Point magazine and more attract new talent to the industry

Regional Chapters

- Only individual members may join AFS regional chapters

Casting Connection

- Individual members can network, ask questions and get answers from peers through this metalcasting social network

Event Discounts

- Deep discounts on registration for educational and networking events hosted by AFS (Discounts vary)



Education

Instructor-Led Training

- Receive discounts on classes (In-person and online) for new and experienced metalcasters (\$200 discount per person)

Free AFS Members Only Webinars

- All individual members participate in 30+ technical and management webinars (\$250 value per session)



Technical/Management/ Research Support & Innovation

Committee Membership

- Only individual members are eligible to sit on AFS committees, which conduct cutting-edge research and help establish industry standards

Books & Publications

Modern Casting

- A subscription to one of the industry's leading trade magazines, delivered monthly (\$109 value)

Member Connections

- A quarterly publication featuring industry, AFS and chapter news (\$40 value)

Book Discounts

- Get 25% discounts on all AFS-published technical books

AFS Library

- Receive free online access to the AFS Library, the world's largest collection of metalcasting research with more than 15,000+ papers and articles

AFS Insider News

- Stay up-to-date on industry news and AFS events with this weekly e-newsletter



For more information, contact **Kim Farrugia** at **800-537-4237** or kfarrugia@afsinc.org.

ADVOCATE. EDUCATE. INNOVATE.

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AFS Individual Membership Application

Individual Annual Dues

<input type="checkbox"/> Individual	\$140	<input type="checkbox"/> International Technical	\$255
<input type="checkbox"/> Corporate Individual	\$75	<input type="checkbox"/> Teaching Associate	\$70
<input type="checkbox"/> Retired	\$25	<input type="checkbox"/> Undergraduate	\$20

Name _____ Job Title _____

Company _____

Address _____

City _____ State _____ Country _____ Zip/Postal Code _____

Tel. _____ e-mail _____

I desire affiliation with the following **AFS Chapter** _____

Do you wish to receive **MODERN CASTING** magazine? Yes No

Which best describes your business?

- Producer of metal castings (foundry, diecaster, ect.)
- Pattern and tooling shop
- Supplier of metalcasting equipment, raw materials or services
- Consultant/consulting engineer
- Research institute/testing lab
- Casting user/designer/buyer
- Educational institute/facility/military
- Other

What metals do you primarily work with?

- Iron
- Steel
- Aluminum
- Copper-base (brass, bronze, ect.)
- Magnesium
- Zinc
- Other _____

What is your reason for joining AFS?

- Boost career success & professional development
- Maximize my technical knowledge
- Deep discounts on AFS events and books
- Strengthen my professional network
- Participate in an AFS committee
- Support the important work of AFS
- Other

Payment Information

Check enclosed (U.S. funds only) Charge to: American Express Mastercard Visa

The following information is required to charge your membership:

Account No. _____ Exp. Date _____ Security Code _____

Signature _____ Date _____

Return completed application to:

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

Tel: 1-847-824-0181 | 1-800-537-4237 | Fax: 1-847-824-7848 | www.afsinc.org | e-mail: AFSmembership@afsinc.org