

# AFS MEMBER Connections

NEWS AND INFORMATION FOR AFS MEMBERS AND CHAPTERS

Spring 2019



## CastExpo 2019

# See the future of metalcasting at CastExpo

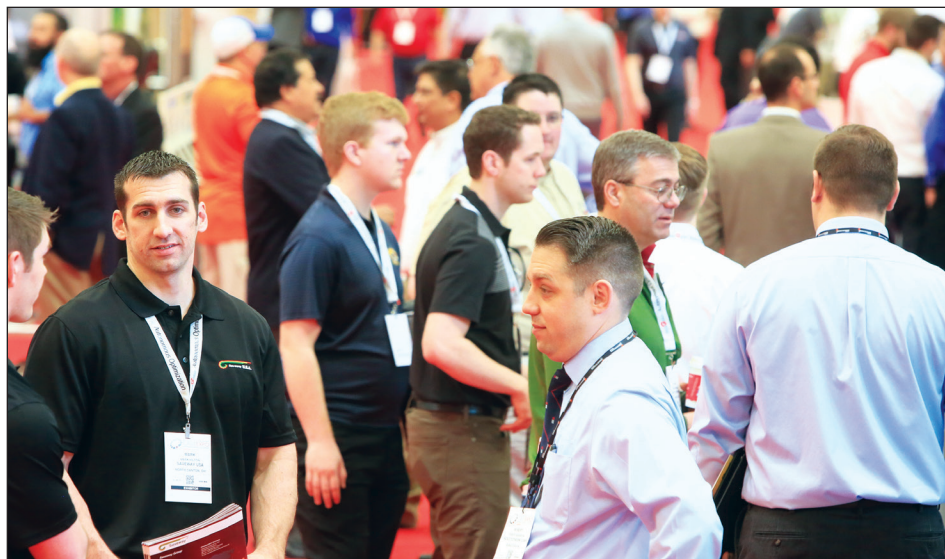
Six-thousand people. More than 400 exhibitors. Dozens of technical and management sessions. A show floor measuring 106,000 square feet. And it's all happening in one place: CastExpo 2019, April 27-30, at the Georgia World Congress Center in Atlanta.

As North America's largest metalcasting trade show and congress, CastExpo is where the industry converges to see the newest advancements in equipment and technology, hear the latest research, and keep current with business contacts and peers.

Produced every three years by AFS, CastExpo connects suppliers, buyers and metalcasters from around the globe. Cutting-edge innovations in machinery, processes, and more will be unveiled to the

### CASTEXPO 2019

April 27-30, 2019  
Atlanta, Georgia  
Register online at  
[CastExpo.com](http://CastExpo.com) or  
on-site at the Georgia World Congress Center



**Top: Attendees visit the enormous show floor at CastExpo 2016. Thousands of people will attend CastExpo this year. Right: Atlanta's Georgia World Congress Center will host CastExpo 2019.**



Please see CASTEXPO on Page 3

## It's time to advocate for metalcasting

Every foundry and supplier encouraged to join Fly-In

With hundreds of new lawmakers and congressional staff on Capi-

### 2019 GOVERNMENT AFFAIRS FLY-IN

June 11-12, 2019  
Washington, D.C.  
To register, visit [afsinc.org/conferences/2019-government-affairs-fly](http://afsinc.org/conferences/2019-government-affairs-fly)

itol Hill, it's time to stand together as an industry.

At the AFS Government Affairs Fly-In, June 11-12 in Washington, D.C., attendees

will hear from policy experts, meet with lawmakers, and call for commonsense policies including infrastructure investment, workforce readiness programs, and more.

Political strategist Karl Rove, former senior adviser and deputy chief of staff for President George W. Bush, is this year's keynote luncheon speaker. Rove is widely credited with winning two presidential elections for George W. Bush.

Please see FLY-IN on Page 7



Join our private social network for all AFS individual members, **CastingConnection**  
See page 12 for more



Follow us on Instagram at **americanfoundrysociety**



Like us on Facebook at **American Foundry Society**



Join the discussion at **Foundry and Diecaster Network**



Follow us on Twitter **@AmerFoundrySoc**

# METALCASTING SUCCESS STARTS HERE



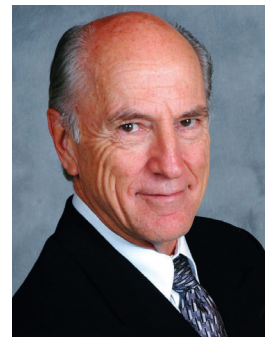
## COME SEE ALL THESE SPEAKERS AND MORE AT CASTEXPO 2019!



**Frank Abagnale**  
*Abagnale & Associates*



**Kaihan Krippendorff**  
*Outthinker Roundtables*



**Dr. Doru Stefanescu**  
*The Ohio State University*



**Dr. Diran Apelian**  
*Worcester Polytechnic Institute*



**Margaret Graziano**  
*KeenAlignment*



**Richard Gundlach**  
*Element Materials Technology*



**Mike Gwyn**  
*No Redesign LLC*



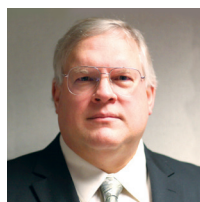
**Devin Hess**  
*General Motors*



**Dr. Carsten Kuhlitz**  
*Huttene-Albertus Germany*



**Towanda Long**  
*Charlotte Pipe & Foundry Co.*



**Gregory Miskinis**  
*Waupaca Foundry Inc.*



**Steve Neltner**  
*REFCOTEC Inc.*



**James Paretti Jr.**  
*Littler*



**Mitch Quick**  
*Michael Best & Friedrich LLP*



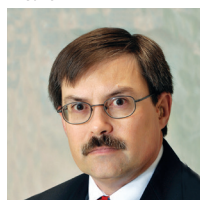
**Jeet Radia**  
*McWane Inc.*



**Dr. Sam Ramrattan**  
*Western Michigan University*



**Sairam Ravi**  
*University of Northern Iowa*



**Ted Schorn**  
*Enkei America Inc.*



**David Weiss**  
*Eck Industries Inc.*



**Edmund (Jay) Zins**  
*Dotson Iron Castings*

Register online today at [castexpo.com](http://castexpo.com)



## Air Products Foundation to donate to AFS Institute for each visitor at CastExpo

The AFS Institute is pleased to announce it is receiving a generous donation from Air Products of Allentown, Pennsylvania, to support the Institute's training for innovation in the workforce for the metalcasting industry.

The Air Products Foundation will donate \$100 to the AFS Institute on behalf of every visitor to its booth at CastExpo 2019, up to \$15,000. CastExpo 2019 is April 27-30 at the Georgia World Congress Center in Atlanta.

"Air Products is committed to helping advance the foundry industry," said Pedro Riveros, Director-Strategy, Tech-

nology, and Sourcing-IG Americas, at Air Products. "We are proud to support industry-wide training from the AFS Institute, which we believe will help foster future innovation and strengthen the industry as a whole."

Clarence Trowbridge, who leads the Institute as AFS vice president of education and workforce development, thanked Air Products for its donation.

"We're so grateful for this inventive way to raise money for the AFS Institute," Trowbridge said. "This gift from the Air Products Foundation will support our mission of providing training for excel-

lence in metalcasting."

AFS CEO Doug Kurkul said, "This grant will play a pivotal role in allowing the AFS Institute to define and deliver innovative training pathways that are closely aligned to the evolving career paths in modern metalcasting."

Founded in 1940, Air Products is a world-leading industrial gases company that provides atmospheric and process gases and related equipment to manufacturing markets, including glass, refining and petrochemical, metals, electronics, and food and beverage. Air Products is also the world's leading supplier of liquefied natural gas process technology and equipment.

The AFS Institute, formerly the Cast Metals Institute, is the educational arm of AFS.

## AFS names award-winners to be honored at CastExpo

AFS will honor five people for their contributions to metalcasting with awards at CastExpo 2019 and the 123rd

Metalcasting Congress.

Von L. Richards is the winner of the 2019 Thomas W. Pangborn Gold Medal, the highest honor awarded by AFS. A professor emeritus of materials science at Missouri University of Science and Technology (Rolla, Missouri), Richards will receive the medal for his outstanding contributions in education, sharing knowledge broadly within the industry, and attracting new people to metalcasting.

The AFS Award of Scientific Merit will be presented to John M. Tartaglia, engineering manager at Element Materials Technology (Wixom, Michigan). This award recognizes Tartaglia's outstanding technical papers and presentations, as well as meritorious technical contributions in the areas of material property information and fatigue strain analysis of cast metals.

Please see AWARDS on Page 5

Don't have your CastExpo passes? Don't worry! Save money by ordering them in advance at [www.castexpo.com](http://www.castexpo.com). You can buy them at the door, too. Already booked your visit? Great! Here are a few tips to know before you go:

- Download the official **CastExpo app**, available for Android or iPhone. Just search "AFS Events" in the app store. You'll get alerts and updates, a complete schedule, and other info to make the most of your CastExpo experience. (Remember to bring your charger, too.)
- Bring more **business cards** than you think you'll need.
- Want to attend a **special event**? Be sure to get your tickets in advance.
- Make time for the **keynotes**. All CastExpo passes include access to

keynote speeches: **Kaihan Krippendorff**, "Outthink the Competition," 10:30 a.m. April 27; **Dr. Doru Stefanescu**, "The Meritocratic Ascendancy of Cast Iron from Magic to Virtual Cast Iron" (Hoyt Memorial Lecture), 10:30 a.m. April 28; and **Frank Abagnale**, "Catch Me If You Can," 10:30 a.m. April 29.

• Visit AFS at **The HUB**, booth 3025. There, you'll find the AFS Store, the AFS Institute, Member Services, the Casting Designers & Buyers Track, and Foundry-in-a-Box.

## Future Congress, CastExpo venues announced

Milwaukee and Columbus will host Metalcasting Congress 2021 and CastExpo 2022, respectively.

AFS recently announced that Milwaukee will welcome the 125th Metalcasting Congress, with more than 2,000 visitors expected to attend. The event will be April 13-15, 2021, at the Wisconsin Center District.

Columbus will host CastExpo, which will attract more than 6,000 visitors and more than 400 exhibitors, April 23-26, 2022, at the Greater Columbus Convention Center.

Last year, AFS announced Cleveland's Huntington Convention Center as host of the 124th Metalcasting Congress, April 21-23, 2020.

CASTEXPO continued from Page 1

industry at CastExpo, and you won't want to miss it.

CastExpo 2019 is where metalcasting success starts!

To register or for more information, visit [www.castexpo.com](http://www.castexpo.com).

# Great stories to tell

Every day, nearly 200,000 people go to work in America's foundries, producing the complex engineered parts that are essential to modern life. From this economic activity – which constitutes a \$33 billion industry – emerge countless great stories. One of the roles of the American Foundry Society is to tell those stories. At AFS, we call this "Industry Stewardship." It's one of the six pillars of the AFS 2018-2022 Strategic Plan.

**Careers.** Some of those great stories involve the people who work in the foundry industry. In 2018, we created a web page at AFSinc.org titled "We Love Metalcasting" that highlights 25 young people with name, company, job title, photograph, and a quotation from each, telling why they love to work in our industry.

In February of this year, we went further, issuing a fast-paced metalcasting careers video, "The Future of Careers in Metalcasting." The message is that metalcasting is an industry that utilizes technology, embraces recycling, and offers great careers in a wide variety of positions. The intended audience for the video is students, parents, educators, career counselors, and job-seekers. We encourage you to go to YouTube, watch the video, and then share the video link with other people – inside and outside

of our industry – to help spread the word about careers in metalcasting.

**Sustainability.** Foundry leaders recognize that being environmentally responsible and enhancing the bottom line are not mutually exclusive objectives. Often, a business case can be made for advancing environmental sustainability within a foundry. The AFS website now tells this type of great story via a section on "Sustainability in Metalcasting." It features five categories of sustainability success stories,

collected by the good folks in the AFS Environment, Health & Safety Division. Another section of the site, dedicated to AFS First, offers extensive information about how metalcasters recycle millions of tons of

discarded scrap metal every year. Learn more at AFSinc.org.

**Where You Are.** AFS is launching another communications campaign titled "Where You Are." These messages are being used on Capitol Hill, on widely

viewed social media channels, and in AFS communications to deepen public appreciation for the fact that people are seldom more than a few feet away from a casting.

The "Where You Are, No Matter Where You Are" messages make the point that castings are a part of the jets on which we travel, the cars we drive, the pipelines that bring us clean water, the motorcycle in our garage, the agricultural equipment that harvests our food, the missile systems that safeguard our security, the hydrant down the street, the cookware in our kitchen, and countless other applications. As more people realize how widespread castings are, growth in their appreciation for the industry that makes castings will often follow.

We thank the volunteers who help us deliver the AFS message, and the more than 900 companies that invest in AFS Corporate Membership, as your support is especially important in making AFS communications and advocacy work possible. The metalcasting industry has great stories to tell. We welcome your full participation as we tell those stories.

"The metalcasting industry has great stories to tell. We welcome your full participation as we tell those stories."



## Business Development

### AFS releases wage and salary reports

AFS recently released a pair of reports detailing standard compensation practices in North American metalcasting plants. The reports can be used by foundries to attract and retain employees

and negotiate union contracts.

The 2018 Professional and Technical Salaried Report covers 15 management jobs, and the 2018 AFS Foundry Hourly Wage and Benefits Report includes 27 hourly jobs. They have information on wages, salaries, and benefits, including vacation time, insurance, raises/bonuses, retirement plans, and shift premiums.

The data, collected in 2018 from metal-

casting plants across North America, was compiled by Profit Planning Group, an independent third-party organization.

Both reports are available to download, as a set or individually, in the AFS Store at [www.afsinc.org](http://www.afsinc.org).

The reports are free to companies that participated in the surveys and can be purchased by non-participating companies at checkout.



## Experience powerful metalcasting relationships at summit

The Foundry Leadership Summit (formerly the Foundry Leadership Conference) brings metalcasting industry leaders together for the best in networking, facilitated discussions, and presentations for a unique annual experience.

"I've always felt it's one of the premier events that we have for executives in the industry, to be exposed to quality speakers and presentations and good information," said Mike Selz, commercial casting sales manager for Charlotte Pipe and Foundry (Charlotte, North Carolina) and an AFS Past President who once led the annual event. "It's an opportunity to get together with your peers and contemporaries, not just to say, 'How are the kids doing?' but to talk business in a relaxed setting," Selz said.

"After so many years of interaction in that friendly environment, you build relationships, you build friends, and in the end, those are the people who are moving the industry."

At a lot of conferences, it can be hard for a facilitator to get the conversation started. Not so at the Foundry Leadership Summit.

"I remember it being a bit like trying to herd cats," Selz said. "I hated to be a killjoy [by moving along to the next session] ... because you could hear they were



AFS Vice President Peter Reich (Laempe Reich) speaks to the crowd during the 2018 Foundry Leadership Conference. This year's event, the Foundry Leadership Summit, will be Sept. 22-24 in Traverse City, Michigan.

talking and having good conversations."

AFS Immediate Past President Patricio Gil estimates he has attended the event six or seven times. The CEO of Blackhawk de Mexico (Santa Catarina, Nuevo Leon, Mexico) will be returning again this year.

"After so many years of interaction in that friendly environment, you build relationships, you build friends, and in the end, those are the people who are moving the industry," Gil said. "... I consider time for networking as a very important part of the event."

Besides networking with peers, the Foundry Leadership Summit features

### FOUNDRY LEADERSHIP SUMMIT

September 22-24, 2019  
Traverse City, Michigan

To register, visit [afsinc.org/conferences/2019-foundry-leadership-summit](https://www.afsinc.org/conferences/2019-foundry-leadership-summit)

speakers and presentations that appeal to leaders, Gil said.

The 2019 Foundry Leadership Summit is September 22-24 in Traverse City, Michigan. For more information or to register, visit <https://www.afsinc.org/conferences/2019-foundry-leadership-summit>.

### AWARDS continued from Page 3

Receiving AFS Service Citations are George B. Kokos, Peter Satre, and Brian V. Smith.

Kokos is global technical team manager at Caterpillar Mapleton Foundry (Mapleton, Illinois). His service citation is for important work in advancing the technical understanding of iron casting and his support of advanced research, as well as his extensive service to the Cast Iron Division

and his regional AFS chapter.

Satre is manager of corporate engineering at Allied Mineral Products Inc. (Columbus, Ohio). His service citation recognizes his steady leadership of AFS technical programs, outstanding service to the Melting Methods & Materials Division, and service to the industry as a rich source of technical information.

Smith is a casting consultant in Saginaw, Michigan. His service citation is for his relentless focus on attracting youth to the metal-

casting industry through Foundry-in-a-Box and other outreach activities, as well as his longtime service to AFS regional chapters.

The honors were recommended unanimously by the AFS Board of Awards and approved by the AFS Board of Directors. The Gold Medal will be presented at CastExpo during the Annual Banquet on Sunday, April 28. AFS Service Citations and the AFS Award of Scientific Merit will be presented at the President's Luncheon and Annual Business Meeting on Tuesday, April 30.

## 'Future of Careers in Metalcasting' video released

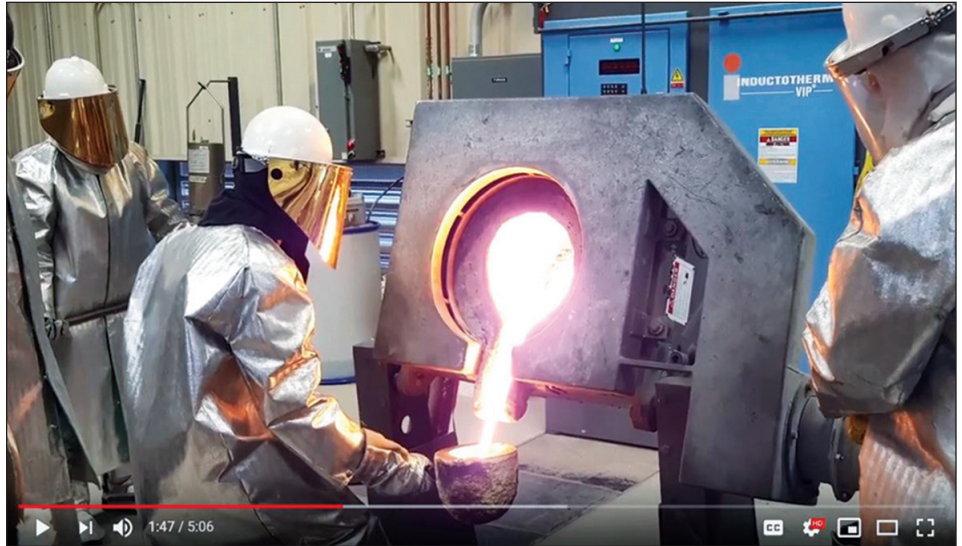
Across the U.S., foundries are struggling to find enough workers. To help the industry reach the audience of potential metalcasters who are making career choices, the American Foundry Society has produced a video sharing the exciting story of rewarding careers in metalcasting.

"The Future of Careers in Metalcasting" features interviews with young metalcasting professionals – engineers, shop floor employees, salespeople, and more. These interviewees explain why metalcasting is the right career choice.

"Everything in our lives has castings in it. It affects our lives entirely," says Mico Curreri, who appears in the video. "And so learning that, and learning how we can affect that market and how things are made.

**VIEW** online

Watch the video and share the link on our YouTube channel at [youtube.com/AFSMCTV](https://youtube.com/AFSMCTV)



That's incredible."

The video was viewed more than 1,400 times in the first few weeks following its release. The goal is for it to be seen by hundreds of job-seekers, students, parents, teachers and professors, youth groups, and

career counselors. Help share the possibilities of a career in metalcasting by circulating the video URL at [youtube.com/AFSMCTV](https://youtube.com/AFSMCTV) to these audiences. Foundries can also use it to recruit employees at job fairs and community events, including Manufacturing Day.



## Are your Safety Data Sheets (SDSs) more than 3 years old?

### COMING SOON FROM AFS

AFS will soon be releasing new and updated Safety Data Sheets (SDSs).

For a full list of SDSs (and the specific alloy ranges) being released, please visit [www.afsinc.org/2019SDS](http://www.afsinc.org/2019SDS).

If you have questions about the SDSs, contact Juliette Garesché at (847) 824-0181 or [jgaresche@afsinc.org](mailto:jgaresche@afsinc.org).



## Corporate Member senior VP speaks to House committee

James M. Proctor II, senior vice president and general counsel for AFS Corporate Member McWane Inc. (Birmingham, Alabama), testified before the U.S. House Committee on Transportation and Infrastructure on Feb. 26.

The special hearing was on "Examining How Federal Infrastructure Policy Could Help Mitigate and Adapt to Climate Change."

During his testimony, Proctor shared how technology would assist water utilities in saving water, and he urged for the adoption of policies that "foster more effective utility management," which would reduce utility operating expenses, consumer water costs and energy consumption.



James M. Proctor II testifies before the U.S. House Committee on Transportation and Infrastructure on Feb. 26.

## OSHA publishes crystalline silica FAQs

On Jan. 22, the Occupational Safety and Health Administration released a set of Frequently Asked Questions concerning the agency's final rule regulating occupational exposure to respirable crystalline silica in general industry.

For months, the American Foundry Society and National Association of Manufacturers had worked directly with the agency to craft the FAQs to provide metalcasters with additional guidance on key areas of the silica standard's requirements. OSHA began enforcing its respirable crystalline silica rule for general industry on June 23, 2018. The document is organized by topic. A short introductory paragraph is included for

each group of questions and answers to provide background information about the underlying regulatory requirements.

"Through the association's Safety Committee, members, and staff, AFS was an important contributor to the formulation of the FAQs," said AFS CEO Doug Kurkul. "AFS will continue to look for ways to work with OSHA to improve the workability of this significant rule on the foundry industry."

AFS' safety attorney, Brad Hammock, developed a summary of the key interpretations from the FAQs, available at [www.afsinc.org](http://www.afsinc.org). Many thanks to a number of AFS members and the AFS Safety Committee for their assistance on the FAQs.

On Jan. 10, AFS hosted a Members Only Webinar, "OSHA's Crystalline Silica Rule - 6 Months After Implementation (FAQs)," where Hammock provided an in-depth overview of the silica FAQs. Visit the Members Only Webinar Archive at

**Please see FAQs on Page 15**

### FLY-IN continued from Page 1

During his keynote speech, "Key Political Issues of the Day & Countdown to the 2020 Elections," Rove will share his experiences in the political sphere and why delivering tough messages with clear, con-

cise certainty is key when trying to make political leaders take notice.

Every U.S. foundry and supplier is encouraged to participate in this important Fly-In. Visit [afsinc.org/conferences/2019-government-affairs-fly](http://afsinc.org/conferences/2019-government-affairs-fly) to register. The early registration discount expires after May 19.

## Board member talks unfair trade on Fox News

AFS Board Member Brad Muller appeared on Fox News on Jan. 22 to discuss the theft of intellectual property by state-subsidized Chinese businesses.

Muller, vice president of marketing for AFS Corporate Member Charlotte Pipe and Foundry (Charlotte, North Carolina), told Fox News' William La Jeunesse that unfair trade practices by Chinese companies are "rampant." A Shanghai business is accused of stealing Charlotte Pipe and Foundry's name and trademark and dumping inferior products into the market.

"They constantly are pushing the envelope," Muller said. "We just think it's a threat to our business and to our country."

The International Trade Commission ruled in Charlotte Pipe and Foundry's favor, but that has proven ineffective in stopping unfair trade practices, Fox News reported.

In addition to serving on the AFS Board of Directors, Muller is a member and previous chair of the AFS Government Affairs Committee.

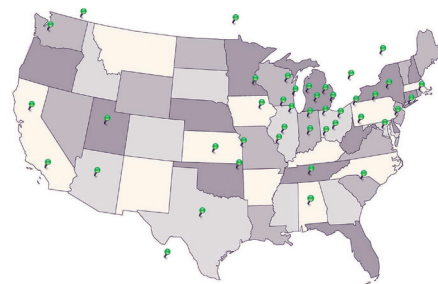


Brad Muller

# AFS Chapter Directory and Updates

AFS provides the means for you to network with metalcasters in your area. Reach out to a chapter leader to get involved today, or visit [www.AFSinc.org/get-involved](http://www.AFSinc.org/get-involved).

**Include your chapter news in the AFS Chapter Directory!** Please send chapter updates, events, meeting schedules and other news to Katelyn Stanek, AFS Marketing & Communications Specialist, at [kstanek@afsinc.org](mailto:kstanek@afsinc.org).



## UNITED STATES

### Alabama

#### Birmingham District

[jboyd@gfmco.com](mailto:jboyd@gfmco.com)  
John Boyd

### California

#### Northern California

[detria.mixon@abifoundry.com](mailto:detria.mixon@abifoundry.com)  
Detria Mixon

#### Southern California

[jason@smccast.com](mailto:jason@smccast.com)  
Jason Gutierrez

### Connecticut

#### New England

[emarczyszak@burndy.com](mailto:emarczyszak@burndy.com)  
Edward Marczyszak

On April 4, the New England Chapter toured the Worcester Polytechnic Institute.

### Georgia

#### Piedmont

[mstowe@advancedenergy.org](mailto:mstowe@advancedenergy.org)  
Michael Stowe

The Piedmont Chapter held a meeting on casting defects Jan. 16-17. The AFS Southeast Regional, hosted by the chapter, was Feb. 20-22 in Savannah, Georgia.

### Illinois

#### Central Illinois

[weaver\\_d\\_trent@cat.com](mailto:weaver_d_trent@cat.com)  
Trent Weaver

### Chicago

[nmerens@lilliangroupmarketing.com](mailto:nmerens@lilliangroupmarketing.com)  
Norwin Merens

The Chicago Chapter hosted a meeting on Feb. 28 at Chandler's Chophouse in Schaumburg, Illinois. The meeting included a presentation from tax expert Alex Bagne.

### Stateline

[sean@slfcastings.com](mailto:sean@slfcastings.com)  
Sean McGough

The Stateline Chapter hosted meetings at the Butterfly Supper Club in Beloit, Wisconsin, on Jan. 8 and March 12. The chapter cohosted the AFS Wisconsin Regional Feb. 13-15 in Milwaukee.

### Indiana

#### Central Indiana

[jeffcnwhtp@gmail.com](mailto:jeffcnwhtp@gmail.com)  
Jeffrey Craig

The Central Indiana Chapter hosted "Marketing

Strategies for Foundries" on Feb. 12, and "Time for Change" on March 12. The chapter also held a student night on April 9.

### Northern Indiana

[jschutz@hilerindustries.com](mailto:jschutz@hilerindustries.com)

Jeff Schutz

On Jan. 14, the Northern Indiana Chapter hosted an event in Warsaw, Indiana. Mitchell Patterson of HA International was the technical speaker. The chapter also hosted meetings on Feb. 11, March 11, and April 8. The chapter will go out to a ball game between the South Bend Cubs and the Lansing Lugnuts on April 13.

### Iowa

#### Hawkeye

[gammillwilliamj@johndeere.com](mailto:gammillwilliamj@johndeere.com)  
William Gammill

The Hawkeye Chapter held a joint meeting with the University of Northern Iowa Student Chapter on Jan. 15 (see photo). They also had meetings on Feb. 19 and March 19.

### Kansas

#### Plains States

[ssprveill@cfmfoundry.com](mailto:ssprveill@cfmfoundry.com)  
Schott Sprueill

### Michigan

#### Central Michigan

[charlesprater@calhounfoundry.com](mailto:charlesprater@calhounfoundry.com)  
Charles Prater

The Central Michigan Chapter held a meeting Jan. 17. Terry Senish of Hoosier Pattern spoke on additive manufacturing. The chapter also met on Feb. 21.

#### Detroit Windsor

[david.d.goettsch@gm.com](mailto:david.d.goettsch@gm.com)  
David Goettsch

The Detroit Windsor Chapter held its Management Night on Jan. 24 in Plymouth, Michigan.

#### Saginaw Valley

[robert.5.smith@gm.com](mailto:robert.5.smith@gm.com)  
Robert Smith

The Saginaw Valley Chapter hosted a Die Cast in a Box event on March 7.

#### Western Michigan

[egildner@cadillaccasting.com](mailto:egildner@cadillaccasting.com)  
Eric Gildner

On Jan. 8, the Western Michigan Chapter hosted Top Management Night in Muskegon, Michigan. Matt Kooiman presented on behalf of Congress-

man Bill Huizenga. On Feb. 7, Tom Teske presented on the history of EJ. Western Michigan also hosted Student Night on March 12.

### Minnesota

#### Twin Cities

[alan.jacobson@aam.com](mailto:alan.jacobson@aam.com)  
Alan Jacobson

### Missouri

#### Mo Kan

[vbrock@canfieldjoseph.com](mailto:vbrock@canfieldjoseph.com)  
Vicki Brock

The Mo-Kan Chapter hosted a meeting on Feb. 21.

### St. Louis

[imrie@southerncast.com](mailto:imrie@southerncast.com)  
Douglas Imrie

### New York

#### Central New York

[john.lisi@itt.com](mailto:john.lisi@itt.com)  
John Lisi

### Ohio

#### Central Ohio

[eric@keenersand.com](mailto:eric@keenersand.com)  
Eric Weiffenbach

The Central Ohio Chapter held a chapter meeting on Jan. 15 and a joint meeting with Ohio State University on Jan. 22. They hosted a Great Gatsby Roaring 20's-themed party on Feb. 9. The chapter also hosted a meeting on March 21 and will honor past chairmen on April 18.

#### Cleveland-Akron Canton

[hseibel@refcotec.com](mailto:hseibel@refcotec.com)  
Harry Seibel

#### Southwestern Ohio

[dwelsh@hillandgriffith.com](mailto:dwelsh@hillandgriffith.com)  
Dale Welsh

### Oklahoma

Tri-State  
[rhall@spfoundry.com](mailto:rhall@spfoundry.com)  
Robert Hall

### Pennsylvania

#### Chesapeake

[garretts@inductotherm.com](mailto:garretts@inductotherm.com)  
Garrett Smith

The Chesapeake Chapter hosted a shrimp, bull and oyster feast on Feb. 16.

#### Keystone



## Wisconsin Chapter looks toward tomorrow at Regional

In its 81st year, the AFS Wisconsin Regional kicked off with AFS President Jean Bye (Dotson Iron Castings) announcing the direction of AFS and the success of the metalcasting industry.

The Wisconsin Chapter's Vice President and 2019 Regional Chair, Mike Kamin (Carpenter Brothers Inc.), is looking towards the future of metalcasting, too.

"Our success is bringing industry professionals with a vested interest in the foundry industry, and the future, together," Kamin said.

The AFS Wisconsin Regional is a yearly expo orchestrated with the help of the Stateline and Northeastern Wisconsin chapters. The two-and-a-half-day event, held annually at Milwaukee's Potawatomi Hotel & Casino, features more than 80 exhibitors and hundreds of attendees.

Metalcasting students showcase their projects for a casting contest, and technical sessions hosted by industry leaders add educational value to the show.

To reach the Regional's future-focused goal, the Wisconsin Chapter enlisted the help of the Foundry Educational Foundation.

"New for 2019 was the introduction of a job fair aimed at getting students and other industry professionals aligned with the recruitment needs of our industry," Kamin said.

Kamin knows what the job fair means to the industry. The skilled workforce gap is a serious concern for foundries and suppliers. With the addition of the job fair, the Regional connected metalcasting students with employers. The job fair got positive feedback, and organizers have already decided to bring it back in 2020.

"Our goal is to get more entrenched in the needs of our metalcasting facilities and suppliers who support our industry," said Kamin. "We want to see penetration in other facets of our supporting organizations like HR, quality, operations, production, and management."

Putting on an expo and hosting a job fair are ambitious goals that come with a long list of challenges. But support from the Stateline and Northeastern Wisconsin Chapters makes it all possible. Wisconsin Chapter Association Manager Laura Gustafson credits the chapter's dedication to putting on a successful show.

"The annual AFS Wisconsin Regional Foundry Conference and Expo is a huge undertaking with many moving parts," said Gustafson. "It would not happen if it were not for the amazing AFS volunteers!"

[dusty@boosealum.com](mailto:dusty@boosealum.com)  
Dustin Finefrock

**Northwestern Pennsylvania**  
[kwelser@clark-mckibbensafety.com](mailto:kwelser@clark-mckibbensafety.com)  
Kelly Welsler

**Pittsburgh**  
[techmgr@duraloy.com](mailto:techmgr@duraloy.com)  
Roman Pankiw

**Tennessee**  
**Tennessee**  
[dfletcher@lodgemfg.com](mailto:dfletcher@lodgemfg.com)  
David Fletcher  
The Tennessee Chapter hosted technical dinner meetings in Chattanooga, Tennessee, on March 4 and April 1.

**Texas**  
**Texas**  
[brett.j.morehead@gmail.com](mailto:brett.j.morehead@gmail.com)  
Brett Morehead  
The Texas Chapter hosted a meeting in Houston on Feb. 8.

**Utah**  
**Utah**  
[reed@lfsincorporation.com](mailto:reed@lfsincorporation.com)  
Reed Larson

**Washington**  
**Washington**  
[cmckeever@uniwest.us](mailto:cmckeever@uniwest.us)  
Chuck McKeever

**Wisconsin**  
**Northeastern Wisconsin**  
[scott.stiefvater@abpinduction.com](mailto:scott.stiefvater@abpinduction.com)  
Scott Stiefvater  
The AFS Wisconsin Regional, cohosted by the

### HAWKEYE, UNI CHAPTERS PARTNER FOR MEETING



The University of Northern Iowa AFS Student Chapter hosts the Hawkeye Chapter for a meeting on Jan. 15. The meeting included a gray iron pour, dinner, a scholarship presentation, and a raffle to help students attend CastExpo.

Northeast Wisconsin Chapter, was Feb. 13-15 in Milwaukee. The chapter held a meeting in Neenah, Wisconsin, on March 4, and a Student Night on April 8.

**Wisconsin**  
[cchapman@unimin.com](mailto:cchapman@unimin.com)  
Carey Chapman  
The Wisconsin Chapter held a joint meeting with the UW-Milwaukee Student Chapter on Jan. 21. The chapter cohosted the AFS Wisconsin Regional on Feb. 13-15 in Milwaukee. The chapter also hosted a meeting on March 21 with speaker Clarence Trowbridge of the AFS Institute.

**MEXICO**  
**North Mexico**  
[jose.lopez@sinto.mx](mailto:jose.lopez@sinto.mx)

José Lobo

**CANADA**  
**British Columbia**  
[cchamberlain@oclim.com](mailto:cchamberlain@oclim.com)  
Craig Chamberlain

**Eastern Canada**  
[mrejean@hotmail.ca](mailto:mrejean@hotmail.ca)  
Rejean Mailhot

**Manitoba**  
[jbrooks@karrich.com](mailto:jbrooks@karrich.com)  
Jason Brooks

**Ontario**  
[neals.mccain@gmail.com](mailto:neals.mccain@gmail.com)  
Neal McCain

## We asked, you answered: New programs from the Institute

**||** What training do you need and how do you want it delivered?"

These are the two questions that we have been asking the leaders of the metalcasting community. The answers are clear: more technical training topics, new operations and maintenance on-the-job training and new development opportunities for supervisors.

For the delivery of training, the AFS Institute has heard it is difficult to send metalcasting professionals to Schaumburg, Illinois, where AFS is headquartered. We hear that providing more classes locally would be helpful. We even hear many say that they would like an option for online training via Zoom, Skype or some other simple conference calling platform. Also, one other common thing that we keep hearing is "customized, please!" And finally, we are hearing a need for training that provides career pathways. More on that later.

We continue to hear great reviews of both our 37 instructor-led courses, and our 111 e-Learning modules! Thanks for the feedback! Our intent is to build on those two foundations.

Here's what is new from the Institute for 2019 and beyond:

**Local classes:** We will be scheduling workshops in other states! We will define geographic areas with a high concentration of metalcasters by alloy. Then we will propose appropriate classes for each area. Meanwhile, we will continue to partner with AFS Chapters that want to sponsor training locally.

**New classes:** We will be looking for and encouraging subject matter experts to develop and deliver new workshops. The Institute will become an opportunity for professionals to present their expertise and best practices to the industry, hosted and sponsored by the Institute.

**Online classes:** We will be piloting a live, online instructor led workshop. The workshop will take an eight-hour topic and present it during four, two-hour

conference calls, complete with deck, participant guides and interactive discussions and assignments.

**Career Pathways:** We are bundling both instructor led classes and e-Learning modules to provide certificate programs. Each career pathway will provide five to eight classes and several e-Learning modules. The career pathway will be offered over the course of several months to allow participants to plan their attendance in advance.

**Supervisor Development Program:** We have a 50-hour program targeted to your first line leaders. The program includes 20 hours of training at your site, and 30 hours of training via an online live conferencing platform. The Supervisor Development Program is conducted across five months with each event two to four hours in duration. Your supervisor will never have to leave your site!

A supervisor development program for metalcasters by metalcasters!

**NoRedesign.com Program:** The Institute is partnering with NoRedesign to provide OEM's and designers with 32 online streaming training videos. The 50-plus hours of training will give you the knowledge and skills needed to create metal castings in innovative, high-performing designs, the first time.

**Operator on-the-job training programs:** Many leaders are asking for customized support for on-the-job training for foundry workers. We are responding by providing subject-matter experts who will come to your site and create your on the job training programs. This effort will create 100% customized programs

that will be delivered by your incumbent employee.

**Maintenance on-the-job training programs:** Many leaders are also asking for support for their mechanics and electricians. The request is for hands-on training to move from knowledge to application. We are responding by providing maintenance professionals who will come to your site to provide hands-on training on your equipment.

**Training Best Practices Workshop:** A goal of the Institute is to build industry capacity to perform workforce development. In support of this goal, we are offering a one-day workshop to introduce industrial training methods targeted toward hourly employees. This is a highly interactive workshop and your participant will learn how to perform a training assessment and the 10 methods of conducting on the job training.

**Workforce Development Forum:** In our quest to build industry capacity to perform workforce development, the Institute will launch a new Workforce Development Forum for corporate members in 2019. The forum will meet (online) once a month with the mission to perform replications of best practices and assists of training initiatives. The forum will offer opportunities to network while sharing and learning about industrial training.

**Charitable sponsorships:** For organizations seeking an opportunity to promote their business through a charitable gift, each of the above initiatives are offered as a great way to connect with your prospective customers! The Institute is a 501(c)(3) and, as such, can accept donations.

We are excited about the many opportunities to serve you! Please give us a call at 847-824-0181. Let's talk about how the Institute can be a vital part of your workforce development strategy.

**"Let's talk about how the Institute can be a vital part of your workforce development strategy."**







# A CAREER ENRICHED BY AFS INVOLVEMENT

A career in metalcasting can be extraordinarily rewarding. AFS plays a pivotal role in enriching metalcasting careers at every stage.

## PRE-COLLEGE

- Foundry in a Box Demonstrations
- Melting Point, Website and Magazine

## COLLEGE

- AFS and FEF Scholarships
- Student Chapters
- FEF Industry Night
- Student Casting Competition
- Student Attendance at Metalcasting Congress
- Joint FEF-AFS Letter to Graduates

## CAREER

- Free First-Year AFS Membership
- Best Practices
- Future Leaders in Metalcasting
- Women in Metalcasting
- Publications
- Library Resources
- AFS Institute Courses & e-Learning
- Committee Involvement
- Technical & Management Conferences
- Regional Chapter Meetings
- Committee and Chapter Leadership
- New Technology Development and Research
- Case Study Applications
- Casting Connections Online Peer Network
- Industry Updates Through Member Connections
- Advocacy at AFS Fly-In
- Innovation/Technology at CastExpo & Congress
- AFS Awards
- Service Life Membership



# What are the Future Directions in Steel Castings?

Seminar is the first of its kind from AFS in 15 years

**A**FS will sponsor a steel-castings workshop this July for the first time in more than 15 years. As technological advancements and other developments continue to shape steel casting, this one-day workshop will explore emerging trends in steel.

Future Directions in Steel Castings will feature expert presentations and discussions on new technology, groundbreaking

## FUTURE DIRECTIONS IN STEEL CASTINGS

July 10, 2019  
Schaumburg, IL

To register, visit [AFSinc.org /conferences/future-directions-steel-castings](http://AFSinc.org/conferences/future-directions-steel-castings)

research, economic forecasts, and management issues crucial to the success of steel foundries and their customers. Leaders in steel casting, from foundry executives to ac-

ademic visionaries, will guide the workshop.

Future Directions in Steel Castings is July 10 at AFS Headquarters in Schaumburg, Illinois. Early registration is only \$200 for AFS members and \$300 for non-members, and lunch and refreshments are included.

"There is a tremendous amount of innovation occurring in the steel-casting area. We encourage steel foundry leaders to devote one day in July to interact with these experts and participate in these discussions," said Doug Kurkul, CEO of AFS.

## Member Benefits

Find casting advice, conversations and more on **CastingConnection**

**C**astingConnection, an open forum initiated by AFS four years ago, is an outstanding individual member benefit available to all individual AFS members.

The open forum serves two purposes: it provides members with wonderful discussion context in which individual members may solicit advice from peers and benefit from their experience and participate in ongoing conversation; and, it Casting Connection provides AFS Committees with a space for staying abreast of committee meetings, documents, and important discussions.

Since AFS launched CastingConnection in 2015, there have been more than 672 total unique contributions across all discussion boards and 3,279 total posts created across all discussion boards.

For instance, recently a question about burned on sand rendered 19 comments. If you're not logging into CastingConnection to take advantage of this unique networking and educational open forum, we encourage you to try it today! Access CastingConnection via [AFSinc.org](http://AFSinc.org) or directly at [castingconnection.afsinc.org](http://castingconnection.afsinc.org).

## AFS CEO MEETS MEMBERS IN SOUTHEAST



**TOP:** After speaking in February at the AFS Metalcasting Management and Development Summit in Charleston, South Carolina, AFS CEO Doug Kurkul toured Corporate Member Conbraco with General Manager Bill Yost, above left, in Pageland. **BOTTOM:** During the same trip, Kurkul visited Corporate Member Charlotte Pipe and Foundry, where he met with employees, including Kendrick Hills in the shell core area.



## AFS WELCOMES NEW CORPORATE MEMBERS



**Aluminum Alloys Inc.**



**Calhoun Foundry Co. Inc.**



**Cocan (Hubei)  
Graphite Mill Inc.**



**ComEd IS/  
Franklin Energy**



*The Right Connection®*

**Dixon Group  
Canada Limited**



**Ever Quantum Inc.**



**Kolene Corp.**



**Multi-Vac**



**Otto Junker**



**Premier Thermal  
Solutions**



**Sigma Electric  
Manufacturing Corp.**



# The AFS Corporate Member Advantage

## Business Intelligence and Technical Resources

### Value

- **Annual Economic Forecast** – No cost to Corporate Members *\$1,000*
  - **Technical & Management Webinars** – No cost to Corporate Members *\$250 each*
  - **World Foundry Organization Annual Census** – No cost to Corporate Members *Priceless*
  - **Wage & Benefit Survey** – No cost to Participating Corporate Members *\$700*
  - **Member Connections** *\$40*
  - **International Journal of Metalcasting** *\$199*
- 

## Savings

### Value

- **Trade Show Exhibit Discounts** *\$ Hundreds*
  - **In-Plant Training Discounts** *\$2,000 to \$4,000*
  - **Books on Metalcasting** *50% Discount*
  - **Metalcasting Classroom Course Discounts** *\$200/Student*
  - **Energy, Logistics, Casting Design & Insurance Savings** *\$ Hundreds/Month*
- 

## Exclusive Benefit

### Value

- **E-Learning Company** – Wide Subscriptions – Corporate Members Only *Priceless*
  - **Event Sponsorships** – Corporate Members Only *Great Visibility*
  - **Referrals & Use of AFS Logo** *Leads & Credibility*
- 

## Sustainability for Your Company

### Value

- **Advocacy – Business Climate** *\$ 1 Million +*
    - Regulator Overreach
    - Fair Trade Policy
    - Infrastructure Investment
    - Pro-manufacturing workforce development
  - **Developing Leaders and Employees** *Priceless*
    - Student Chapters, Metalcasting Demonstrations for Students
    - Melting Point Website & Magazine for Young People
    - Future Leaders in Metalcasting
  - **Research – 8% of Corporate Dues – Corp. Members Get First Access** *Priceless*
- 

**For more information, contact Ben Yates at  
800-537-4237 or [byates@afsinc.org](mailto:byates@afsinc.org).**



# AFS committees are recruiting new members

If you've ever considered joining an AFS committee – or even if this is the first time you've given it some thought – now is a great time to get involved.

AFS committees, especially technical committees, are currently looking for new volunteers. Committee involvement

is a rewarding way to affect the present and future of metalcasting. Members advance research, share knowledge, and work together for the strength of the industry.

AFS committees cover everything from additive manufacturing to marketing. If

you're a metalcaster, there's a committee for you! To learn more about the AFS committee structure and how to join, visit [www.afsinc.org/afs-committees](http://www.afsinc.org/afs-committees).

If you're already on a committee, thank you! Member involvement in committees is one of the cornerstones of AFS.

## Applications open for new EHS award

The AFS Environmental, Health and Safety Division is accepting applications for a new award, the AFS Safety and Health Innovation and Insight Award.

The award will be presented to winners in four categories:

- Safety
- Health

- Ergonomics
- Insight

This award is open to AFS Corporate Members, including foundries, grinding-only facilities, suppliers, and vendors. Companies may enter multiple submissions.

The application includes 20 questions and requires at least two photos. No long written reports are needed. These applications will become part of a database of case studies that others can learn from

and apply at their own facilities.

Submissions will be evaluated on innovation, impact, application and significance.

Applications are open. They are due May 15. The awards will be presented at the EHS Conference, Oct. 8-11, 2019, in Louisville, Kentucky.

For more information on categories and criteria, and to fill out an application, visit [www.surveymonkey.com/r/EHSAward](http://www.surveymonkey.com/r/EHSAward).

## Correction

In the Winter 2019 issue of *Member Connections*, Tooling & Equipment International was left off the list of AFS Corporate Members on page 10. *Member Connections* regrets the omission.

## FAQS continued from Page 7

[www.afsinc.org](http://www.afsinc.org) for a recorded presentation and a copy of the PowerPoint.

In addition, AFS research funds were used to study industrial sweepers, which played a role in informing the formulation of which types of industrial sweepers are permitted under the standard and highlighted in the FAQs.

OSHA agreed to allow the use of industrial sweepers not equipped with HEPA filters, as long as the employer follows other applicable requirements in the standard (e.g., the hierarchy of controls to reduce and maintain exposures below the Permissible Exposure Limit [PEL]) and maintains the equipment in accordance with manufacturer recommendations.

If you have any questions regarding the FAQs, contact Stephanie Salmon in the AFS Washington Office at [ssalmon@afsinc.org](mailto:ssalmon@afsinc.org).

## HR DIVISION ORGANIZES SUMMIT IN S.C.



Attorney Mitch Quick gives a presentation on Feb. 7 during the first AFS Metalcasting Management and Development Summit in Charleston, South Carolina. The theme of the summit was "Preparing Our Talent and Culture for the Future." About 50 people attended the event, which was organized by the AFS Human Resources Division.



1695 N. Penny Lane  
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## AFS Events

April 27-30 | **CastExpo 2019** | *Atlanta, GA*  
June 11-12 | **2019 Government Affairs Fly-In**  
*Washington, D.C.*  
July 10 | **Future Directions in Steel Castings**  
*AFS/Schaumburg, IL*  
July 23 | **HR Roundtable** | *Milwaukee, Wis.*  
Sept. 18-19 | **Casting Copper Alloys Workshop**  
*AFS/Schaumburg, IL*  
Sept. 22-24 | **2019 Foundry Leadership Summit** | *Traverse City, MI*

## Institute Courses

April 27 | **Metalcasting Process Basics**  
*CastExpo/Atlanta, GA*  
April 29 | **Training Best Practices Workshop**  
*CastExpo/Atlanta, GA*  
May 7-8 | **Casting Defect Analysis**  
*Chattanooga, TN*  
May 15 | **Metalcasting Process Basics**  
*AFS/Schaumburg, IL*  
May 16 | **Steel 101**  
*AFS/Schaumburg, IL*  
May 22-23 | **Gating & Riser Design 101**  
*Charlotte, NC*

**Advocate. Educate. Innovate.**

## 2018-2019 AFS Officers

### President

Jean Bye, President and CEO,  
Dotson Iron Castings

### Vice President

Peter C. Reich, Director,  
Laempe Reich

### 2nd Vice President

Michael L. Lenahan, CEO,  
KB Foundry Services

### Immediate Past President

Patricio Gil, CEO,  
Blackhawk de Mexico

## AFS Senior Staff

### CEO

Doug Kurkul, [dkurkul@afsinc.org](mailto:dkurkul@afsinc.org)

### Vice President of Business Development

Ben Yates, [byates@afsinc.org](mailto:byates@afsinc.org)

### Vice President of Education & Workforce Development

Clarence Trowbridge,  
[ctrowbridge@afsinc.org](mailto:ctrowbridge@afsinc.org)

### Chief Technical Services Officer

Steve Robison, [srobison@afsinc.org](mailto:srobison@afsinc.org)

### Vice President of Marketing & Communications

Richard Jefferson,  
[rjefferson@afsinc.org](mailto:rjefferson@afsinc.org)

### Vice President of IT & Operations

Mike Lakas, [mlakas@afsinc.org](mailto:mlakas@afsinc.org)

### Director of Accounting & Finance

Peggy Mennella, [pmennella@afsinc.org](mailto:pmennella@afsinc.org)

### Director of Human Resources & Administrative Services

Cathy Potts, [cpotts@afsinc.org](mailto:cpotts@afsinc.org)

## Member Connections Staff

### Editor & Writer

Katelyn Stanek, [kstanek@afsinc.org](mailto:kstanek@afsinc.org)

### Writer & Public Relations Specialist

Joe Costin, [jcostin@afsinc.org](mailto:jcostin@afsinc.org)

### Senior Manager of Creative Services

Tyler Buchenot, [tbuchenot@afsinc.org](mailto:tbuchenot@afsinc.org)

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*Member Connections* is a newsletter for all current **AFS members**. Send all inquiries to Katelyn Stanek at [kstanek@afsinc.org](mailto:kstanek@afsinc.org) or 847-824-0181 ext. 286.