

Connections

NEWS AND INFORMATION FOR AFS MEMBERS AND CHAPTERS

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Foundry and Diecaster Network



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www.afsinc.org

Preparing for the Metalcasting Workplace of Tomorrow



The premier human resources conference designed specifically for metalcasters is almost here. Escape winter's grip by joining your industry peers in sunny Clearwater Beach, Florida, Feb. 6-9.

As the only human resources conference designed with the needs of metalcasters in mind, managers and supervisors of every level are encouraged to attend.

Not every facility has a human resources department. Many of you fill the needs of hiring, labor relations, and other HR duties on top of your already busy schedules. The lineup of speakers understands the complex cross functional needs of metalcasters and can answer your specific questions.

Presentations with you in mind include:

- What's the future of performance management? Taking a peek at emerging

trends, by Jim Rowell

- Building your employer brand/Using technology for recruitment, by Sarah Timm
- What employers need to know for 2018, by Matthew Cannova
- Creating a flexible work environment for shop floor employees, by Jim Dillingham
- Legal update with employment laws stacked against us, by Mitch Quick
- AFS Institute skills training for tomorrow, by Jennifer Morton
- View from Washington, by Stephanie Salmon
- Moving forward: Managing change & mapping your succession plan, by Dr. Celina Peerman

To register for **Preparing for the Metalcasting Workplace of Tomorrow**, please visit www.afsinc.org/HRconference.

AFS Launches New Metalcasting Library Member Benefit

The American Foundry Society has launched a new online library of 15,500 articles on research and development in the metalcasting industry as a member benefit.

The new AFS Library, the largest specialized metalcasting library in the world, features mobile-friendly design, a dynamic search function and personalized user experiences that include the ability to create a custom catalogue of papers and set alerts for new articles.

For the first time, use of the library is **free to all AFS members**, both Corporate and individual. Members simply log in to view and download articles at www.afsinc.org.

The library contains material from publications such as **Modern Casting**, **Metal Casting Design & Purchasing**, **AFS Transactions** and **AFS conference proceedings**. This resource provides world-class technical expertise and information to help foundries solve important technical issues and casting problems, and improve quality and productivity. With articles dating back to 1896, the AFS Library gives access to the wisdom of some of the industry's most renowned technical experts of the past that can be applied to the problems today's metalcasters face.

The new AFS Library, curated and updated by a staff industry information specialist, is now live.

Opportunities to Serve in 2018

The American Foundry Society has an important three-part mission, centered around the pillars of advocacy, education, and innovation. AFS recently published an Annual Report that documents our work in advancing that mission. We encourage you to take some time to review the Annual Report, which can be found at www.afsinc.org/annualreport.

Much of the success AFS achieves in advancing that mission can be attributed to the commitment of an estimated 1,000 people who volunteer for AFS through committees, shared interest groups, chapters, and other forms of member involvement. The new year brings an opportunity for you, as a member of AFS, to be involved.

The advantages of member involvement are many, including the following:

- Enhance your technical or management expertise.
- Deepen your professional network.
- Stay abreast of cutting-edge knowledge.
- Help plan programming for

Metalcasting Congress.

- Assist in vetting potential research projects.
- Enhance interaction between young professionals and industry veterans.
- Help strengthen the technical and economic status of our industry.
- Advance the mission of AFS at the local level (chapters) or in specific subject areas.
- Give back to the metalcasting industry.

If you are not already involved in your regional chapter, we encourage you to do so. There are more than 40 industry chapters across North America. If you have questions about chapters, contact **Ben Yates** at **800-537-4237**.

AFS also has several dozen committees, which are divided into various divisions. The divisions are listed below:

TECHNICAL COUNCIL

- Additive Manufacturing Division
- Aluminum & Light Metals Division

- Cast Iron Division
- Copper Alloy Division
- Engineering Division
- Environmental Health & Safety Division
- Lost Foam Division
- Melting Methods & Materials Division
- Molding Methods & Materials Division
- Steel Division

MANAGEMENT COUNCIL

- Government Affairs Division
- Human Resources Division
- Marketing Division
- Future Leaders in Metalcasting
- Women in Metalcasting

Full committee descriptions can be found on the AFS website. Most committees have no limit on the number of members, and are now welcoming new members (note that Government Affairs and Human Resources have a limited number of seats). One does not need to be a metalcasting expert or industry veteran to serve on a committee. All that is needed is a strong interest in the subject matter, and company support for one's participation. To join a committee, contact technicalassistant@afsinc.org or the **AFS staff liaison** for each committee.

All of us at AFS wish you a happy, healthy and prosperous new year, and we look forward to seeing you at an AFS event in the near future!



2017-18 AFS Officers

President

Patricio Gil, Blackhawk de Mexico

Vice President

Jean Bye, Dotson Iron Castings

2nd Vice President

Peter C. Reich, Director
Laempe Reich

Immediate Past President

Jeff Cook, Eagle Alloy, Inc.

AFS Senior Staff Leaders

CEO

Doug Kurkul, dkurkul@afsinc.org

Vice President of Business & Development

Ben Yates, byates@afsinc.org

Vice President Marketing & Communications

Richard Jefferson,
rjefferson@afsinc.org

Vice President IT & Operations

Mike Lakas, mlakas@afsinc.org

Director of Finance & Accounting

Kris Drager, kdrager@afsinc.org

Director of Education

Shelly Dutler, sdutler@afsinc.org

Director of Human Resources & Administrative Services

Cathy Potts, cpotts@afsinc.org



Showroom floor of 121st Metalcasting Congress.

Registration Open for 122nd Metalcasting Congress

Attendee registration is open for the 122nd Metalcasting Congress held at the Fort Worth Convention Center, Fort Worth Texas, April 3-5. Metalcasting Congress is your chance to connect with suppliers, peers and customers.

Take advantage this year of the heralded technical and management

sessions plus Institute courses, keynote speakers, shared interest group meetings, and the Hub on the show floor. At the Hub, you'll be able to connect with AFS staff and other attendees, browse the AFS bookstore, and see the Casting of the Year display. The Hub is your one-stop shop to experience all AFS has to offer its members and customers.

For this year's Metalcasting Congress, AFS has secured room blocks at several hotels. Attendees also can receive airfare discounts on United flights.

To see the full list of hotels, and airfare information, please visit www.metalcastingcongress.org.

Women in Metalcasting Meet During EHS Conference



WIM meeting up at the Wynfrey Hotel during the EHS Conference in Birmingham, Alabama.

Women in Metalcasting (WIM) met at the Wynfrey Hotel in Birmingham, Alabama, during the Environmental Health and Safety Conference on Oct. 30. Organized by WIM Chair Patti Buksa, the meeting was an opportunity for members to network and a chance to say hello.

The event was sponsored by Laempe Reich. For more information on WIM, please contact [Katie Matticks](mailto:kmatticks@afsinc.org) at kmatticks@afsinc.org.

Membership Easter Eggs

Movie fans and video game players know the term “Easter egg” describes a hidden feature or inside secret that is easily overlooked unless you’re paying attention – a subtle nod to the annual April hunt. They are a lot of fun to seek out if you know what you are looking for in advance. Have you ever spotted the famed flux capacitor from “Back to the Future” when watching “The Polar Express”?

One of the biggest benefits people overlook is that being an AFS member means being a supporter of the industry. By renewing every year, you’re giving AFS the bandwidth to do terrific things with your dues investment, including **8% that goes directly towards research** which is critical to maintain a strong, vibrant, healthy and continually advancing metalcasting industry. AFS currently has nine research projects in progress that will soon benefit the industry, and you have contributed to this just by being a faithful member.

Your dues investment also fuels the engine of a well-oiled **advocacy** machine in Washington, D.C. AFS is continually monitoring lawmakers’ activity so we can support legislation that will benefit the industry, like infrastructure investment, and fight back against legislation that will negatively impact metalcasting business, like the crystal-line silica rule. With your membership, AFS can influence meaningful change as the voice of a unified metalcasting industry.

Another fact that is largely unknown is **AFS rebates 75% of student member dues back to the student chapters**.

This funds their meetings, equipment and materials, and travel to industry-related events. As most of you know, this is a group that we need to engage early on to keep them moving towards careers in metalcasting. To do our part, last year AFS created a “**First Year Free**” program that allows current student members to transition to a professional AFS membership at no charge for the first 12 months after graduation.

For our Corporate Members, some terrific advantages to your membership are worth noting. First, your company and contact details are listed prominently in both the online and print edition of the **Casting Source Directory (CSD)**, which allows buyers and designers to locate your firm based on alloy, process, and location. I’ll bet you didn’t know if you Google “find a foundry” or “foundry directory,” the CSD is the top returned result, which is complex and valuable real estate on the web.

One more underused but valuable resource is **Metal Casting Design & Purchasing magazine (MCDP)**, which is an AFS bimonthly publication that goes to 17,000 casting buyers, designers, and engineers in print and online. For metalcasters with capacity to fill, MCDP offers multiple methods to market your company and elevate your profile, including print and online advertising, targeted e-mails, and a turnkey sponsored webinar program.

All employees need continued education. Another great Corporate Member benefit you might find helpful is the **AFS Institute’s e-Learning program**, which launched in July 2016 and has grown to more than 60 self-study learning modules about metalcasting, including three recently released in Spanish. Another 17 Spanish-language modules are on their way soon. The subscription fee is nominal considering you can train and retain your employees without incurring travel expenses and with the flexibility to fit your production schedule. AFS Corporate Members have been catching on. They have already completed 2,630 modules, so this one won’t be a secret for much longer.

Another fact that is largely unknown is AFS rebates 75% of student member dues back to the student chapters.

Lastly, AFS has offered for the past six years unique events that are audience-specific, industry-driven and free to members and their guests. The **Supplier Summit** is for AFS Corporate members serving the needs of metalcasters, either as manufacturers, service firms, or material providers. Attendees learn about their customers’ purchasing preferences and the emerging trends in the industry.

Well-informed and engaged AFS members know about these membership benefits and the countless others not mentioned here, but the odds are good that a few of you just found an Easter egg that was not there before.

See back of newsletter for a list of upcoming AFS events.



Report from the AFS Institute

This is an exciting time for the AFS Institute. In November 2017, the Institute translated three popular e-Learning modules to Spanish. The Institute used metalcasting industry experts fluent in Spanish to translate Basic Melt Practices for Cast Iron, Green Sand Compaction, and Big Picture of the Casting Process.

This addition to the comprehensive lineup of e-Learning modules allows foundries to train Spanish-speaking staff in the same metalcasting skills with the same cost-effective, convenient method subscribers have relied on. Seventeen more Spanish e-Learning modules are currently in development and will be released in early 2018.

The 2017 calendar year wrapped up in November with courses Gating & Riser Design 101 and Green Sand Molding 201. These Institute favorites brought in members of the metalcasting industry, some new, and others looking to build on their foundational skills.

The Institute took their metalcasting skills-training on the road in September and October. We facilitated three in-plant courses at Tinker AFB in Oklahoma. Design and Optimization for 3D Sand Printing, Gating & Riser Design 101, and Gating & Riser Design 201 were taught to 30 engineers working to maintain castings and servicing a fleet of aircraft. Also in October, Institute staff traveled to a steel foundry in Pennsylvania to deliver Gating & Riser Design 101 for a group of 20 patternmakers, designers and quality engineers.

To kick off 2018, Casting Design returned to the Institute in January. Gating & Riser Design 201 will bring back familiar faces in February to continue building more advanced skills on top of those learning in the November 101 course. The full list of upcoming courses is available at afsinc.org/courses.

Attending a course at AFS headquarters provides an environment to learn new skills and network professionally. However, not everybody can travel to Schaumburg, Illinois. The Institute has two superb solutions for you.

The comprehensive lineup of e-Learning modules allows foundries to train Spanish-speaking staff in the same metalcasting skills with the same cost-effective, convenient method subscribers have relied on.

In-Plant training offers courses to a large group of individuals at the same company. Training solutions can be quoted to fit your organization's skill development needs and budget. Being in-plant provides great opportunities

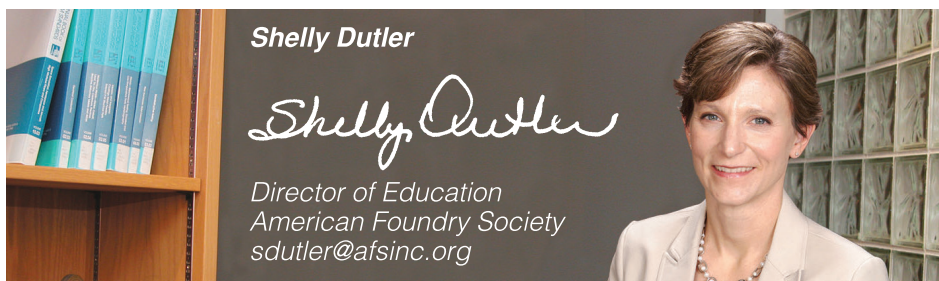
for team building and immediate skills application.

AFS Institute Chapter-sponsored courses also bring the same learning experience to your chapter's location without cross-country travel. Your chapter can demonstrate their education commitment by selecting the location and choosing from the large catalog of Institute courses. We handle the curriculum, registration, and logistics. Chapters even receive a rebate based on the number of students registered from their region.

Chapter-sponsored courses offer skills training, hands-on activities, and networking opportunities conveniently within your chapter's area. Local facilitators are welcome, and we are always eager to train new facilities who can combine their expertise with our curriculum to provide excellent skills training.

This April, the New England Chapter is hosting Casting Defect Analysis for its members. Held locally in Warwick, Rhode Island, students will learn to identify the true root cause of a casting defect and how to select the proper corrective action. All students are welcome.

There is a lot happening with the Institute in 2018. New e-Learning modules, the return of popular courses, and Chapter-sponsored course opportunities will make this an exciting year. The goal of the Institute is always to meet the career goals and skills-development needs of its members. With what's coming in 2018, the Institute team is committed to work with our members to strengthen and grow metalcasting education.



See back of newsletter for a list of upcoming AFS Institute classes.

Manufacturing Day 2018 is a Huge Success

Manufacturing Day is a growing opportunity to share about the great careers available in metalcasting. The American Foundry Society (AFS) brought home the message of careers in metalcasting to students, teachers, and public officials again this year during its open house Manufacturing Day event on Oct. 6, 2017.

The event was part of a coordinated national celebration of the manufacturing industry to connect with the public about its economic contribution and speak on common misperceptions about manufacturing. Companies are encouraged to open their doors to their communities and show what they make, the technologies they use, and the promising career paths available.

“The metalcasting industry offers wonderful career opportunities we want students to learn about so they can see why we’re excited about the future of



Students comparing their completed castings.

the industry,” said Doug Kurkul, CEO of AFS. “AFS offers guidance for training and development at all career stages, and some of our accomplished members decided to enter metalcasting after an experience like the one students had with us on Manufacturing Day.”

Manufacturing Day was not limited to AFS headquarters in Schaumburg, Illinois. Corporate Member Seneca Foundry hosted over 45 students at its Webster City, Iowa, location. Students toured the facility and participated in Foundry in a Box.

“While hand-packing their molds and melting tin, we are able to expose the students to our foundry language and give insight into what it takes to make a quality casting,” said Lori Mason, Seneca Foundry COO.

At the AFS headquarters, busloads of students came for hands-on demonstrations in which they made and poured their own castings. Students had the choice to make sand molds with a flask and pattern or scratch out their own designs into 3-D printed molds donated by the University of Northern Iowa.

Representatives from local AFS Corporate Member companies, Hunter Foundry Machinery Corp. and Magma Foundry Technologies, discussed the sci-

ence and engineering involved in metalcasting and the types of careers available in the industry. Visitors also had the chance to view alloy microstructure, watch a video highlighting the metalcasting process, and even try on the personal protective gear required when pouring molten metal in a foundry.

Illinois State Senator Laura Murphy and Illinois State Representative Michelle Mussman visited to make their own castings and learn more about the industry. Also, a representative from the Illinois Governor’s Office stopped by to present a proclamation announcing October 2017 as Illinois Manufacturing Month.

Coinciding with the event, AFS published and distributed its fifth issue of *Melting Point* magazine, a publication focused on providing resources to teachers and students who seek more information about the industry, career options, colleges, and scholarships. The newest issue can also be viewed at <http://meltingpoint.afsinc.org>.

If you have stories from Manufacturing Day and would like to share them with AFS, please contact Public Relations Specialist **Joe Costin** at jcostin@afsinc.org.



Student doing Foundry in a Box at Manufacturing Day 2018.

D.C. Circuit Hears Arguments in Metalcasting Industry's Challenge to OSHA's Silica Rule: What's Next for Foundries?



On Dec. 22, the U.S. Court of Appeals for the District of Columbia Circuit rejected industry challenges to the U.S. Occupational Safety and Health Administration's (OSHA) 2016 rule which significantly lowers the permissible exposure limit for workplace crystalline silica in the foundry, brick, glass, maritime, and construction industries. The rule had been in the works for years.

Business groups, including the American Foundry Society (AFS) and the National Association of Manufacturers (NAM), challenged whether substantial evidence supported OSHA's finding that the silica rule is technologically and economically feasible for general industry, including the foundry industry.

The court noted OSHA satisfied its burden to demonstrate technological feasibility for a typical firm in most operations and supported that finding with "substantial" evidence.

In regard to next steps with OSHA, AFS and its lawyers are engaged in discussions with OSHA's staff on clarification of various aspects of the rulemaking.

A final set of Frequently Asked Questions (FAQs) would provide guidance to employers and employees regarding the interpretation of various provisions of the rule and how OSHA intends to enforce certain requirements of the stan-

dard. The goal is to have the final FAQs be incorporated into an enforcement directive prepared by the Agency for the rule, as it applies to general industry.

For additional information on OSHA's silica rule, AFS has created a Crystalline Silica Resource Page that contains a host of information on the rulemaking and steps foundries need to take to be in compliance by June 23, 2018.



Find out more about the OSHA silica rule on the AFS website at www.afsinc.org/silica

The AFS Environmental Health and Safety Conference & Foundry Environmental 101 Seminar

This year, AFS hosted the Environmental Health and Safety Conference at the Hyatt Regency in Birmingham, Alabama. Beginning with an Environmental 101 Seminar, the focus was on environmental and occupational health and safety issues affecting the metalcasting industry. The conference brought the metalcasting industry together in record numbers with more than 160 attendees, the largest turnout in nearly a decade.

From Oct. 29 – Nov. 2, metalcasters attended the conference to participate in networking opportunities, panel discussions, and updates from Washington. The conference included topics such as expected impacts to facilities in 2018, Washington legislative and regulatory updates, controlling air contaminant exposures, and silica compliance issues. Among the conference's offerings were Q & A panels and topics including community relations, environmental advocacy groups, and health and safety.

During the conference, several people and foundries were recognized for their contributions to EHS efforts.

Holly Hurst, of McWane Ductile, received the Johnathan Stone EHS Contribution Award for completing the Green Foundry Case Study project. Hurst received this award for coordinating two EHS committees (Air Quality, and Water Quality and Waste Disposal) as well as case studies and photos from more than 20 foundries, and numerous AFS staff members.

The project began as a hypothetical of what the perfect foundry would look like if it could be built from the ground up. These case studies are real improvement projects our foundries have implemented. They are available on the AFS website as a resource for other foundries.



Dan Oman presenting Holly Hurst with the Johnathan Stone EHS Contribution Award.

The full list of award winners at the 29th AFS EHS Conference will appear in an upcoming issue of AFS Insider News.

Future Leaders of Metalcasting Conference



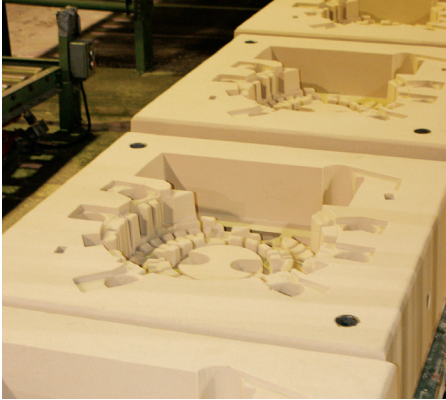
FLM attendees at the Defiance Training Facility.

This fall, the Future Leaders of Metalcasting Conference took place in Defiance, Ohio. Held from Oct. 16-18, attendees toured the General Motors Casting Operations, heard from acclaimed speaker Rick Lochner on generational diversity, and took part in a Foundry in a Box demonstration at Ayersville Elementary School.

Future Leaders of Metalcasting (FLM) is part of the AFS Management Council. Through events like the Future Leaders of Metalcasting Conference, members work towards their goal of developing the next generation of metalcasting leaders. FLM strengthens the network of the next generation of metalcasters through personal development and

student outreach. **Thank you to Sandy Calabrese and General Motors Casting Operations for hosting.** For more information about joining FLM, please contact AFS Director of Human Resources **Cathy Potts** at cpotts@afsinc.org.

Silica Experts Provide Silica Compliance Strategies at Last Year's Sand Conference



The AFS Sand Casting Conference was a large success this year. Held from Oct. 16-18 in Indianapolis, more than 150 members of domestic sand casting foundries, industry suppliers, and equipment manufacturers attended.

The conference was divided into three specific topics relevant to sand casters. Attendees received up-to-date information on green sand casting technologies, chemically bonded cores and molds, and important EHS issues.

their perspectives on managing large green sand systems and the problems they've encountered.

As part of the Sand Conference, attendees could sign up for a foundry tour. Participants received a look at American Axel Manufacturing's New Castle Manufacturing Facility. Specializing in the production of axle components, differential cases, and more, it was an opportunity for other foundry personnel to see how another sandcasting facility operates.

With the silica compliance date only months away, attendees were presented with strategies on the OSHA regulation. These strategies included how to comply, ventilation methods, alternative materials, as well as a legal update to keep foundries knowledgeable and ready for the compliance date.

To find out what you should be doing for silica compliance, please read "OSHA's crystalline silica rule: What should your foundry be doing now" in the October 2017 issue of *Modern Casting*.

"This conference covered everything related to sand casting technology and foundry process control of the sand system for all metals," said AFS Senior Technical Director Steve Robison. "It's a great way to stay on top of the latest trends and new technologies, and benchmark your foundry against others."

Highlighted at this year's conference was a panel discussion on green sand system control. Three practicing iron foundry green sand specialists shared

AFS SAND CASTING CONFERENCE

October 16-18, 2017
Hilton Indianapolis Hotel & Suites Indianapolis



AFS CEO Addresses China Foundry Association

AFS CEO Doug Kurkul delivered a keynote address to the China Foundry Association (CFA) Congress in Shanghai. He also toured several Chinese foundries (government-owned, partnership, and privately owned), visited suppli-

ers, and attended two metals-related trade shows. Above left, Kurkul delivers the keynote address and, right, Kurkul meets with Mathieu Weber of MAGMA at the Metals China show, which (along with a related die-casting exhibition)

had a reported attendance of 20,000. Kurkul made the trip at the invitation of CFA and recommendation of the AFS Executive Committee in June, 2017.



The AFS Corporate Member Advantage

Business Intelligence and Technical Resources

Value

- Annual Economic Forecast – Free to Corporate Members \$1,000
- Technical & Management Webinars – Free to Corporate Members \$250 each
- World Foundry Organization Annual Census – Free to Corporate Members Priceless
- Wage & Benefit Survey – Free 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 +
 - o Regulator Overreach
 - o Fair Trade Policy
 - o Infrastructure Investment
 - o Pro-manufacturing workforce development
- Developing Leaders and Employees Priceless
 - o Student Chapters, Metalcasting Demonstrations for Students
 - o Melting Point Website & Magazine for Young People
 - o 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.

New AFS Corporate Members



Ashland Foundry & Machine Works



Columbus Recycling



Electronic Control



Green Sand Controls, LLC.



Impact NDT



International Thermal Systems



Iron Age Designs



Jef-Scot Metal Industries



King Tester Corp.



LeClaire Mfg.



Sintex Minerals & Services Inc.



AFS Chapter Directory and Updates

AFS provides the means for you to network with local metalcasters. Reach out to a chapter leader and get involved today.

United States

Alabama

Birmingham District

jon.pollard@tylerunion.com

J. Pollard

California

Southern California

jason@smccast.com

J. Gutierrez

On March 8, 2018 the Southern California chapter will host a vendor night.

Northern California

albert@genfoundry.com

A. Gonzalez

Connecticut

New England

emarczyszak@burndy.com

E. Marczyszak

The New England Chapter held a holiday dinner party in December.

Georgia

Piedmont

jmclimans@hicwilco.com

J. McLimans

The Piedmont Chapter hosted an event in November on sustainability and energy efficiency.

Illinois

Stateline

dick.haun@gunite.com

D. Haun

Held in Beloit, Wisconsin, the Stateline Chapter held meetings in both November and December.

Chicago

nmerens@nmmarketingbiz.com

N. Merens

The Chicago Chapter will meet at the AFS Headquarters in Schaumburg, Illinois, on March 22, 2018.

Central Illinois

dusheke_ryan_a@cat.com

P. Umesh

Indiana

Central Indiana

al_torok@yamaha-motor.com

A. Torot

Jeff Cook addressed the Central Indiana Chapter in mid-January.

Northern Indiana

lagness@fordmeterbox.com

L. Agness

The Northern Indiana Chapter held a meeting in November.

Iowa

Hawkeye

bosskristopherl@johndeere.com

K. Boss

The Hawkeye Chapter held a meeting in November.

Kansas

Plains States

ssprueill@midvaleind.com

S. Sprueill

Michigan

Central Michigan

d.trahan@carpenterborthersin.com

D. Trahan

Western Michigan

rchase@eaglealloy.com

R. Chase

The Western Michigan Chapter held a Decem-

ber meeting. Erin Kuhn, Executive Director for the West Michigan Shoreline Regional Development Commission, was the keynote speaker.

Detroit Windsor

david.d.goettsch@gm.com

D. Goettsch

In November, the chapter hosted a meeting and tour of GM Saginaw Metal Casting Operations. The chapter also launched a new website.

Saginaw Valley

john.lancaster@gm.com

J. Lancaster

Minnesota

Twin Cities

j.kranz@carpenterbrothersinc.com

J. Kranz

Foundry Educational Foundation (FEF) Executive Director, Brian Lewis, spoke at the November chapter meeting.

Missouri

St. Louis

imrie@southerncast.com

D. Imrie

Mo Kan

vbrock@canfieldjoseph.com

V. Brock

The Mo-Kan Chapter met in November. The event focused on ceramic sand-improved core and mold quality along with solutions to the silica PEL.

New York

Central New York

john.lisi@itt.com

J. Lisi

American Foundry Society

Ohio

Central Ohio

eric@keenersand.com

E. Weiffenbach

The Central Ohio Chapter is hosting a scholarship fundraiser on February 10, 2018. The Chapter also hosted a meeting at the Ohio State University in November.

Toledo

alexander.croll@gm.com

A. Croll

Cleveland-Akron Canton

paulheberg@hotmail.com

P. Berg

Southwestern Ohio

dwelsh@hillandgriffith.com

D. Welsh

Oklahoma

Tri-State

datkinson@spfoundry.com

D. Atkinson

Oregon

Oregon

charleyw@columbiasteel.com

C. Wachsmuth

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Northwestern Pennsylvania

blucas@usbfi.com

B. Lucas

Pittsburgh

techmmgr@duraloy.com

R. Pankiw

Keystone

paul@boosealum.com

P. Snyder

In October, the Keystone Chapter awarded three individuals with scholarships at the annual Penn State Metalcasting Banquet.

Chesapeake

scook@tbwoods.com

S. Cook

The Chesapeake Chapter held an October meeting and participated in Foundry in a Box.

Tennessee

Tennessee

jason.bush@waupacafoundry.com

J. Bush

Texas

Texas

shodges@canfieldjoseph.com

S. Hodges

In February, the Texas Chapter will host a meeting at the Houston Racetrack.

In March, Patricio Gil is scheduled to address the chapter.

Utah

Utah

reed@lfscorporation.com

R. Larsen

Washington

Washington

stevem@morelindustries.com

S. Morel

Wisconsin

Wisconsin

rickyrigoyen@gmail.com

R. Yrigoyen

In February, the Wisconsin Chapter will host the 80th AFS Wisconsin Regional Conference & Expo. Patricio Gil is scheduled to address the chapter during the regional.

Northeastern Wisconsin

chad@dpfoundry.com

C. Moder

Mexico

North Mexico

jose.lobo@sinto.mx

J. Lobo

Canada

Eastern Canada

rejean.mailhot@csduroy.qc.ca

R. Mailhot

Manitoba

jbrooks@karrich.com

J. Brooks

Ontario

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N. McCain

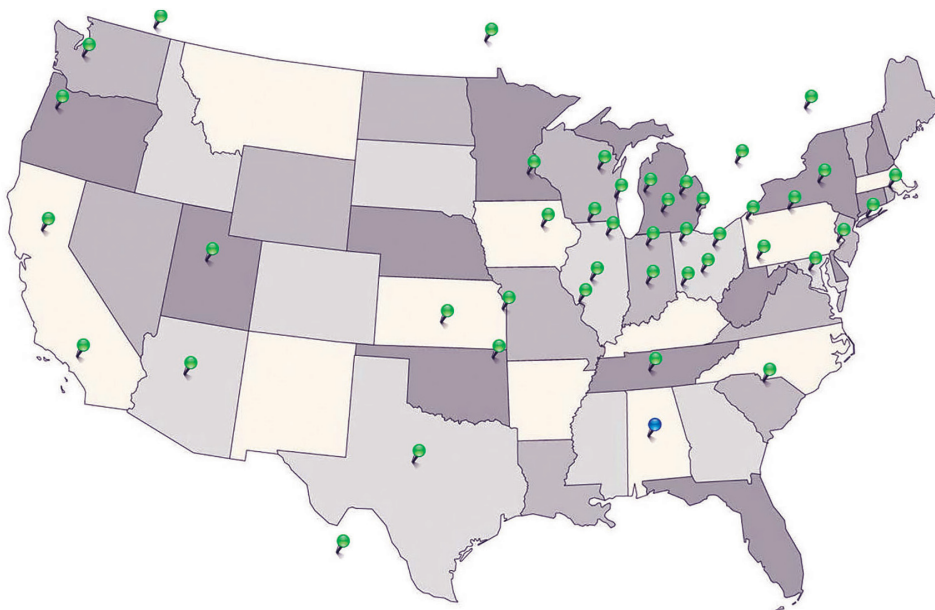
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Getting involved in AFS Chapters makes all the difference.

Chapters are your opportunity to engage locally with the next generation of metalcasters. You will also have the opportunity to develop your own expertise and advance your career. Participating in AFS Chapters is your chance to do all this and more.



Chapter Success Story: AFS Texas Chapter Echoes Commitment to Education at Regional Conference

The Texas Chapter of AFS is committed to the future of the metalcasting industry. As one of the oldest AFS Chapters, its members have helped several generations of metalcasters find success. Today, the chapter still believes in fulfilling its pledge to the education of future metalcasters. Their continued enthusiasm for educating young metalcasters was evident at the 16th Texas Chapter Regional Conference, which saw record numbers.

"This year's Texas Chapter Regional Conference had the highest attendance after a three-year slump," said AFS Texas Chapter Chairman Steve Hodges. "The commitment to the future of metalcasting and educating as well as a better economy helped contribute to the high attendance."

Educating the future of the industry is important to the Texas Chapter. This year's conference made sure to include a lineup of speakers presenting on the needs of future metalcasters.

Included in the lineup of speakers was Tracey Wallace of Jackson Lewis who gave an update on OSHA's new silica rule. Additionally, Ben Thomas of Tinker Omega discussed how new technology of molding and core making machinery can help reduce defects.

"We wanted the lineup of speakers to reflect the needs of the Texas Chapter Members," Hodges said. "They discussed the future of the industry, regulation, and new technology." Hodges believes what led to this year's successful event was how new challenges are changing the industry for future metalcasters.

"Because of the silicosis issue, the metalcasting community feels the need to get more involved," Hodges explained. "The Texas Chapter is committed to educating future metalcasters on these regulations and the changing landscape of the industry."

The goal of the Texas Chapter Regional Event is always to help con-



tinue educational support for future metalcasters. Through the chapter's commitment to the industry's future along with record attendance numbers, this year's event was a large success. The Texas Chapter has a long history of service to its members. Founded in 1943, the chapter has dedicated itself to metalcasters for more than 70 years.

Today, members of the Texas Chapter continue their commitment to educating the future of the industry. By helping Texas State University purchase equipment and supplies for its Foundry Education Program, the Texas Chapter is supporting students developing a career in metalcasting.

As the Texas Chapter looks to 2018, the success of the regional conference after a three-year slump will help build on their commitment to education.

To see photos of the 2017 Texas Chapter Regional Conference, please visit the chapter's Facebook page.

If your chapter has held an event to help the success of the metalcasting industry, please send your success stories to **Ben Yates**, byates@afsinc.org.



AFS Texas Chapter Chairman, Steve Hodges thanks AFS CEO Doug Kurkul for being the keynote speaker at the Texas Chapter Regional meeting in November 2017.

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

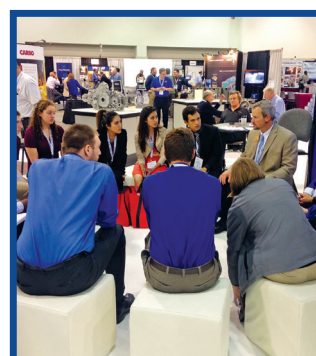
- Foundry in a Box Demonstrations
- Melting Point, Website and Magazine

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





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Upcoming AFS Events

February 6-9 | **2018 AFS Metalcasting Industry Human Resources Conference**
Clearwater, FL

February 8 | **AFS Supplier Summit** | Hilton O'Hare, Chicago, IL

February 14-16 | **AFS 80th Wisconsin Regional** | Milwaukee, WI

March 7-9 | **AFS Southeast Regional** | Point Clear, Alabama

April 3-5 | **AFS 122nd Metalcasting Congress** | Fort Worth, Texas

Upcoming Institute Courses

February 6-7 | **Introduction to Metalcasting** | AFS/Schaumburg, IL

February 20-21 | **Gating and Riser Design 201** | AFS/Schaumburg, IL

March 5-7 | **Foundry Process Improvement** | AFS/Schaumburg, IL

March 8 | **Permanent Mold Thermal Management** | AFS/Schaumburg, IL

March 13-14 | **Casting Cost Estimating** | AFS/Schaumburg, IL

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For more information on upcoming courses and events, visit www.afsinc.org/events.

Advocate. Educate. Innovate.