

**American Foundry
Society Accepting
Scholarship
Applications**

The Birmingham Chapter of the American Foundry Society is offering a scholarship for high school seniors and college undergraduates and graduate students who have experience in the cast metals industry or have relatives working in the cast metals industry.

To be considered, students must complete an application and write an essay describing their career plans and goals with regard to the cast metals industry and/or related field.

Applications are available by visiting www.afsbirmingham.org or by calling Molly Cameron at, (205) 281-1997 . Applications are due by November 21, 2008.



Happy Thanksgiving!

*Regular
Meeting
Place & Time*

**The Wynfrey Hotel
Galleria Mall
US-31 & I-459**

Social Time—6:00 P.M.
Dinner—6:30 P.M.

You may make your reservation requests at...
(205) 661-0206 ext. 23
or via the internet at
www.afsbirmingham.org

Make your reservations before noon on November 7th.

Be sure to leave your name when making your reservation.

Please visit our chapter website or the AFS National website frequently to get the latest chapter and national information...
www.afsbirmingham.org
or
www.afsinc.org

***November 10th
Meeting Topic:***

***Cold-Box and Nobake
Binder Systems***

presented by...

Brian Slack
**National Sales Manager for
the United Erie Division
of Interstate Chemical
Company**

Brian has spent his more than thirty year career representing various companies supplying foundry equipment and consumables.

Brian will present an overview, including advantages and disadvantages of some of the more popular cold-box and nobake binder systems.



From the Chapter Chairman

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Thank You all for coming to the Foundry in a Box demonstration at our last meeting; hopefully it led you to think about students you know and how you can tell them about metal casting. Our industry's future depends on the next generation of students and we need to promote metal casting as the high tech engineering field that it is!

I hope you will consider participating in the Foundry in a Box demonstrations and help us take it to the schools and club meetings. If you know a school group, boy or girl scout troop, or any other organization that would benefit from this demonstration, please contact Dave Hughes at dave@dscast.com or (205) 241-4210.

As I mentioned at the meeting, we are only 76 members behind the Wisconsin chapter. I know with the economy slowing down some members may be hesitant to ask their companies to renew their AFS membership, but please don't assume they won't renew it. Fill out the renewal form and look around your shop to see who needs to become a member or who used to be involved but needs to rejoin. If we pass Wisconsin it will be the first time in AFS Birmingham history that we are the largest chapter. Let's see if we can do it by the Regional in February!

Thanks and see you in November.

Brian Floyd,
Chapter Chairman

CMI to offer SPC Course in Birmingham

Recently the Birmingham AFS chapter surveyed membership to determine what CMI courses were needed in this area. As a result of that survey, CMI will be presenting an SPC course on February 3rd and 4th, 2009.

This class will provide a practical problem-solving approach to the control of foundry processes. Topics will include Pareto analysis, cause and effect diagrams, scatter plots, normal distributions, average and range charts, sigma charts, median charts, individual moving range charts and short run SPC techniques. Process capability considerations, including the calculation of area under normal curve, Cp and Cpk indices, will be examined.

Students are encouraged to bring to class data from their foundry.

Suggested data would be readings from sand compaction testing, pouring temperatures, core properties, such as tensile strength, Brinell harnesses for a given casting, or chemistries of an alloy.

Using this data, students will be able to:

- * Improve Your Casting Quality
- * Increase Equipment Uptime
- * Enhance Productivity
- * Improve Customer Relations
- * Reduce Casting Defects
- * Bring Consistency to Your Operations
- * Determine Foundry Capabilities
- * Assist in ISO 9000 Preparation

To ensure we can provide the training, we need to have a response from all those interested. Please email Dave Hughes at dave@dscast.com if you plan to attend.



AFS Birmingham Financial Contributors

As of Wednesday, October 22, 2008

Platinum Level

Vulcan Engineering Co.

Pangborn

Pryor – Giggey Co.

Cast Products

Southeastern Foundry Products

Specialty Foundry Products

Southern Alloy Corp.

Mouat Company, Inc.

Wheelabrator Group

Disa Industries, Inc.

Citation – Columbiana, AL

Southern Precision Sands, Inc.

Carbide Industries LLC

Goldens' Foundry & Machine Co.

Leco Corporation

Levand Steel & Supply Corp.

American Cast Iron Pipe Co.

Electric Controls & Systems, Inc.

Inductotherm Companies

Gold Level

Kerlin Metallurgical, Inc.

W. J. Bullock, Inc.

**Rex Heat Treat – Alabama,
Inc.**

**C. L. Dews & Sons Foundry &
Machinery Co., Inc.**

Silver Level

**Talladega Foundry & Machine
Company, Inc.**

SCRAM, Inc.

Foundry Supply Group, Inc.

H R H Metals, Inc.

Please send your contributions to:
American Foundry Society
Birmingham Chapter
c/o Vulcan Engineering
Attn: Ms. Diane Kirkley
Post Office Box 307
Helena, Alabama 35080

*AFS Birmingham is solely operated by volunteer support and company donations.
Your participation, through financial contributions and willingness to serve is greatly appreciated.*



For Much More Information
Visit Our Website:
www.afsbirmingham.org



2008-2009 AFS Birmingham Meeting Schedule

Saturday, August 23, 2008	Picnic & Golf	Mtn. View Golf
Monday, September 8, 2008	Regular Meeting	Anniston, AL
Monday, October 13, 2008	Regular Meeting	Wynfrey
Monday, November 10, 2008	Regular Meeting	Wynfrey
Monday, December 8, 2008	Christmas Party	Wynfrey
Monday, January 12, 2009	Regular Meeting	Wynfrey
Wednesday, February 18-20, 09	S.E. Regional	Wynfrey
Monday, March 16, 2009	Regular Meeting	Wynfrey
Monday, April 13, 2009	Student Night	Wynfrey
Monday, May 11, 2009	Past Chairman's Night	Wynfrey

Regular Meeting Schedule:

Meeting Place: Wynfrey Hotel, Birmingham, AL

5:00pm - Board Meeting

6:00pm - Meeting Registration & Social Hour



***November 2008
Chapter News***

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TO: