

Quick Links

[Visit Material Advantage](#)

[ACerS](#)

[AIST](#)

[ASM International](#)

[TMS](#)

[Material Advantage
Chapter News](#)

[Conference/Event
Information](#)

[Scholarship Information](#)

[Contest Information](#)

[Career / Professional
Development](#)



The Iowa State Material Advantage Chapter proudly gathers to accept their Outstanding Chapter Award.

Chapter Leadership Workshop on Saturday, September 15 where the young leaders learned about how to manage a Material Advantage Chapter and shared ideas on how to increase membership and program. Over the next four days, students interacted with professional society members, participated in contests and competitions, and presented their individual work as conference participants.

Help us congratulate our 2007 Chapters of Excellence:

Material Advantage Chapters of Excellence

Florida International University
Virginia Tech
Penn State University
University of Connecticut
Washington State University

Most Outstanding Chapter Award

Iowa State University

Click [here](#) to read the full article and catch up on all of the Student Activities at MS&T.

MS&T[®]

October 2007

STUDENTS WELCOMED IN THE MATERIALS COMMUNITY!

More than 735 Material Advantage students attended the MS&T â€™07 conference in Detroit, Michigan on September 16-20, 2007. Material Advantage programs kicked-off with the

a check was sent in September/October.

Now - Rebates will be calculated based on the number of students who have RENEWED their membership for the coming year by December 31st with the rebate checks being sent to the faculty advisor in January.

How will this benefit your Chapter?

- Larger rebate = more activities and develop stronger chapter programs.
- Fall Membership Challenge memberships will now be included in the rebate check.
- Tons of extra time to gain more new members and encourage renewals of existing members than ever which also means more money than ever!

Remember, your Chapter must maintain ACTIVE status. The funds will be distributed to the Faculty Advisor and can be used for ANY Chapter activities.

For questions or more information, please contact Candace Cunningham at Students@asminternational.org.

MATERIAL ADVANTAGE WELCOMES NEW CHAPTERS!

Three new Material Advantage Chapter petitions were reviewed at MS&T. Exciting news! All three received a passing vote from the leadership of ACerS, AIST, ASM International and TMS!

Weâ€™re happy to introduce you to the newest Material Advantage Chapters:
• Rose-Hulman Institute of Technology (Terre Haute, IN)
• The Rutgers University (Piscataway, NJ)
• University of New South Wales (Sydney, Australia)

As the 2007-2008 Chapter year progresses, weâ€™re looking forward to many exciting and innovative endeavors from our entire Material Advantage Chapter System.

FALL MEMBERSHIP CHALLENGE IN FULL SWING!

Build your membership and earn more money for your chapter activities.

The Membership Challenge is a recruitment contest held in October of each calendar year. This contest is intended to challenge student chapters to recruit new Material Advantage student members in unique and innovative ways.

Contest winners receive recognition and prizes for the most creative strategies and the highest percentage increase in chapter membership.

All submissions must be postmarked by **November 1, 2007** to be eligible.

Visit <http://www.materialadvantage.org/challenge.asp> for more details.

BE FEATURED IN THE MATERIAL ADVANTAGE NEWSLETTER



Did your chapter do something unique this year? Do you have research that you would like to share with other students? Would you like to showcase an excellent chapter activity?

Click [here](#) to submit your articles and pictures and be featured in an upcoming addition of the Material Advantage newsletter.



CONFERENCE/EVENT INFORMATION

INTERNATIONAL SYMPOSIUM FOR TESTING AND FAILURE ANALYSIS

ISTFA 2007 returns to the Silicon Valley at the San Jose Convention Center November 4-8, 2007. Don't miss the industry's premiere event for failure analysis professionals, original, unpublished work on FA topics of practical value presented by professionals from over 20 countries, technology-specific User Groups and North America's largest FA-related trade show. For more information, click [here](#).

THE 2007 TMS ANNUAL MEETING

TMS Annual Meeting is being held in New Orleans, Louisiana from March 9 -13, 2008! Make your chapter travel plans now. For more information, click [here](#).

Join in the Fun and Celebrate Engineers Week February 17-23, 2008

ENGINEERS Week 2008 will be celebrated February 17-23, and is co-chaired by the Chinese Institute of Engineers (CIE) USA and IBM Corporation. Please reference the following websites for more information on campaigns, local events and healthy living tips. www.eweek.org or eweek@nspe.org.



SCHOLARSHIP INFORMATION

Visit www.materialadvantage.org for scholarship information!



CONTEST INFORMATION

Compete for Student Poster Award at NanoMaterials Conference

Don't miss the opportunity to participate in the student poster competition at **Commercialization of NanoMaterials**, November 11-13, 2007, in Pittsburgh, Pennsylvania. Look at what you could receive: 1st Place - \$1,000, 2nd Place - \$300 or 3rd Place - \$200. Award recipients will be announced at the conference during the poster session and will also receive a certificate.

Submission Deadline

Submit your 150-word poster abstract online before **October 26, 2007** at CMS-Plus. For poster guidelines and complete details about the competition, visit the [Commercialization of NanoMaterials Web site](#).

Technical Content

Posters should demonstrate a balance of cutting-edge research in nanomaterials with suggested opportunities for commercial application. Commercial ideas will generate more discussion at the conference, which focuses on research and its commercial potential.

Contact

E-mail raabe@tms.org if you have questions about submitting your abstract.

The student poster competition is being organized by The American Ceramic Society (ACerS).

Conference Sponsors:

The American Ceramic Society (ACerS)
The Minerals, Metals & Materials Society (TMS)

Participating Sponsors:

American Chemistry Council
Atlantic NanoForum
Pennsylvania Initiative for Nanotechnology
Pennsylvania NanoMaterials Commercialization Center

Calling All Material Advantage Members PODCAST COMPETITION Tell the World about the Wonders of Materials!

Teaching younger students about materials lies in your hands. By creating a three- to four-minute audio program about the wonders of material science, you will be part of a new program to teach middle school students about the materials around them. All of the audio programs will be part of Materials Radio, a radio program dedicated 6th, 7th and 8th grade students. Each accepted audio program will receive a \$500 prize. The deadline for entries is **November 15th, 2007**.

For complete details and nomination forms, please see the materials radio Web site www.materialsradio.org. We look forward to hearing your view of the materials world around you.



Nomination Deadlines for ASM Awards Approaches!

- Albert Easton White Distinguished Teacher Award -- Deadline February 1st
- Bradley Stoughton Award for Young Teachers -- Deadline March 1st
- Graduate Student Paper Contest ---Deadline June 15th

For complete rules and information, click [here](#) to visit ASM's website.

Papers Sought for ASM HTS/Bodycote -- Best Paper in Heat Treating Contest

The winner of the HTS Best Paper Contest receives a plaque of recognition and is automatically qualified to compete in the Bodycote Best Paper Competition scheduled for Spring 2008.

The Bodycote portion of the award includes \$3,000 monetary prize for each of the following:

- Best undergraduate scientific/technical paper
- Best postgraduate scientific/technical paper, and
- Best orally presented paper (this can also be the best scientific/technical paper.)

For more information or to view rules for eligibility and paper submission on the Heat Treating Society Community Web site, click [here](#).

Paper submission deadline is **December 21, 2007**.

Submissions should be made to:

Sarina Pastoric
ASM Heat Treating Society
9639 Kinsman Road
Materials Park, OH 44073
440-338-5151, ext. 5513
sarina.pastoric@asminternational.org



CAREER/PROFESSIONAL DEVELOPMENT

Have you updated your Membership Record Lately?

We only have accurate contact information when you keep your membership record current. If you have changed schools, moved to a new apartment or dorm, or changed your e-mail address, chances are that you need to update your record. To update,

please visit <http://www.materialadvantage.org/membership.asp>.

Job and Internship Sites!

All four Material Advantage partners offer members assistance in jobs and internships. For more information, visit the individual websites.

â€¢ ACerS Job Site <http://careers.cermics.org/>

â€¢ AIST Student Internship/Job Site http://www.aist.org/jobsasp/jobs_list.asp

â€¢ ASM Career Center <http://www.asminternational.org/careercenter>

â€¢ TMS Career Center <http://careercenter.tms.org>



HAVE A SUGGESTION FOR THE NEWSLETTER?

Is there something you would like to see in the newsletter? Do you have any suggestions for improvement? Your comments are important to us, and we encourage you to submit feedback to students@asminternational.org.