ASM, HTS, and TSS Seek Student Board Member Applications

We are pleased to announce the continuation of the extremely successful ASM, HTS and TSS Student Board Member Programs. Each Society is looking for Student Board Members because each Society values the input and participation of students and is looking for their insights and ideas. Opportunities Specific to each Society:

- **ASM International**: attend three Board meetings (June ’12, Oct ’12 during MS&T, and Feb/Mar ’13); term begins June 2012
- **ASM Heat Treating Society**: attend two Board meetings (October ’12 during Furnaces North America Conference and Spring ’13); participate in four (4) teleconferences; term begins September 2012
- **ASM Thermal Spray Society**: attend one Board meeting in the USA in Fall ’12; participate in two teleconferences; receive a one-year complimentary membership in Materials Advantage; term begins October 2012

For more information on the eligibility and benefits of being a Student Board member, visit www.asminternational.org, click on Membership, and Governance/Board of Trustees. The deadline to submit an application is April 1, 2012.

**HIGHLIGHTS...Emerging Professionals**

**Profile of a Volunteer**

**Carla Giacobone**
The Timken Company

For Carla Giacobone, the inspiration to serve with ASM was simple. She had time on her hands and her chapter needed help. For the past 11 years, Carla has volunteered for Ohio’s Canton/Massillon chapter. She organizes the **Metallurgy for Non-Metallurgists** course, maintains the membership roster, creates the monthly newsletter, and acts as ASM liaison to the Canton Joint Engineering Council.

Carla is a Senior Engineer with The Timken Company. She’s in the steel side of the business, supporting the metallurgy lab’s steel testing, specifically in the area of heat treatment.

Carla first joined ASM in her senior year at Michigan Tech in 1997. Her current chapter includes many people from Timken, as well as other steel, material and processing companies. Carla joined the board in 1999 and served as secretary, vice chair and finally chair in 2002 at the age of 26, becoming the chapter’s youngest chair and first female.

“ASM has done a lot for me, mostly in networking,” Carla explains. “The administrative positions give you opportunities in organization and communication. You get out of your comfort zone and become a leader, taking charge and running projects. It adds to your ability to do your job. It’s easier to speak in front of a group or run a meeting after you’ve done it for ASM.”

For several years, Carla’s delivered meals for Canton’s Meals on Wheels. Carla received the 2011 Distinguished Service Award from the Canton Jaycees, after more than a decade of service. For Carla, volunteering makes life richer – for her and for those she serves.

**EMERGING PROFESSIONALS**

**Volunteering at Home and Abroad: How a Materials Engineer Can Make a Difference**

**Erik M. Mueller**
NAVAIR

Many organizations are set up at various levels to help those in need. What may be surprising, though, is how much someone with a materials engineering background is desired. Just about every city has a variety of local organizations looking for volunteers. Often well-intentioned volunteers begin projects that are ineffective at dealing with a community’s problems. As engineers, one of our great assets is seeing these challenges as opportunities, and knowing how to address them from the start.

One of the international groups I have enjoyed working with is **Engineers without Borders**. This organization works with local non-government organizations in foreign countries to develop and implement sustainable projects with communities in need. The goal is not only to give these communities gifts, but to allow them to participate and take ownership. My group worked on projects building water and sewer systems for individual families, schools, and churches in Guatemala and Ghana. While these organizations are often dominated by civil engineers, those of us with a materials engineering background have much to learn and contribute. Concepts such as material selection, corrosion prevention, and recycling/reuse are often overlooked but are tantamount to successful project completion.

Some of the best learning experiences involve getting out of our comfort zone. For those interested in volunteering in similar organizations, try the following:

- **Evaluate yourself.** Determine your strengths and weaknesses and what you want to accomplish.
- **Explore organizations.** Many non-profit organizations on local, national, and international levels need help.
- **Take the plunge.** Join up and invest time in something you believe in.
- **Don’t be afraid to say ‘no.’** Learn to take a step back, if needed. Volunteering can become overwhelming. If things get too crazy, just say no.

Ultimately, volunteering can be a great asset to your career and character, as well as the community and world. It may turn into another adventure in your journey through life.