



Sarah Mansuetti, Rex Heat Treat

ASM Member Since 2004

EPC Chair 2011-2012, Member 2008-2013

ASM Nominating Committee 2012

Web Committee Member

ASM Philadelphia Chapter Past Chair & Volunteer

"If I just take this trip, everything will change." That was the thought running through my head in 2003 as I debated joining ASM and going to Pittsburgh for the Annual Meeting. It was the fall semester of my fourth year of undergrad and I had just switched my major and spent a semester away on an internship. I looked at ASM as an opportunity to meet and become friends with some of the people who would be in my classes for the next two years. And my roommates thought I was nuts for wanting to develop relationships with other MatSE students.

ASM has been a constant throughout my professional career, even if my role continually changes. That first trip with ASM brought me together with professional and personal friends that I still keep in touch with. From then on, I did my best to make sure my schedule did not interfere with the ASM meetings. I took full advantage of the year of free membership that was offered after graduation. I was lucky to end up at a company who is very involved with the Philadelphia Liberty Bell Chapter. After my first year here, I unsuccessfully tried to stay "just a member". I was asked to head a committee, and then started a rotation through the Executive Officers. I served as the Philadelphia Liberty Bell Chapter Chair for the 2010-2011 year. Getting more involved locally with people I already knew was easy, but getting involved on a national level was a different story.

Dr. Dianne Chong visited the Liberty Bell Chapter in 2008 and strongly encouraged me to apply for a position with the Emerging Professionals Committee. Being a part of this group has been an amazing experience. A big part of that is working with others who are at the same point in their lives. We are all out of school, but not completely emerged in the professional sense. Through the EPC, I now have a foothold for being nationally involved. The benefits of building a professional network through ASM will last for years to come. My friends outside of the Material Science world may still not understand how important being a part of ASM is to me, but I will continue to encourage participation with whoever crosses my path.



Olly Rowan, PhD, Caterpillar

ASM Member Since 2004

EPC Co-Chair 2011-2012, Member 2009-2014

Education Committee 2010-2013

ASM Peoria Chapter Volunteer

My first introduction to the ASM community was through participation in technical materials science conferences. I enjoyed sharing the results of my work with other professionals and getting involved in challenging and thought-provoking conversations. Networking with colleagues and making new friends early in my career has opened multiple paths for my career and personal growth. As years went by, I became actively involved in organizing and mentoring workshops at ASM Material Camps in Worcester, MA and Peoria, IL. This gave me invaluable coaching and mentoring experience; it was also so rewarding to see high school students getting excited about materials engineering and choosing it for their future career.

As a recent graduate, I discovered myself facing the real world with enormous opportunities, which were both exciting and sometimes intimidating. Joining the Emerging Professionals Committee (EPC) helped me overcome this barrier and ensured a smooth transition from student academic settings to the unlimited world

of opportunities. As a part of the EPC Content Subcommittee I have been actively involved in coordinating monthly articles publication in Advanced Materials & Processing (AM&P) EPC column, collaborating with various emerging and emerged professionals in the field. We also organized multiple ASM webinars for the emerging professionals demographic focusing on career-development and emerging technologies topics. Being part of the ASM EPC helped me experience the inner workings of the ASM International, allowed me to collaborate with many other young and bright professionals throughout the nation, and most importantly make the difference – anticipate the needs of the emerging professionals demographic and work hard to provide invaluable resources for personal growth, networking, and career development opportunities.



Ben Pouquette, PhD, GE Healthcare

ASM Member Since 2007

EPC Chair 2010-2011, Member 2008-2012

ASM Nominating Committee 2012

Material Advantage Committee 2011-2013

When I was junior undergraduate student at MTU, I remember all the stories from the senior class after their big conference trip. I was instantly hooked, and by the end of the year, I was elected President of the MTU ASM student chapter. That next Fall, we had even better stories to tell about our trip to Indianapolis. We financed half of our trip through student monitoring that year, and ever since I have maintained a strong involvement with the society.

This is my fifth year as a professional member of ASM, and as a young professional, it is difficult to convince my employer of the value of conference travel. Without the Emerging Professionals Committee (EPC) it would most likely take several years before I could have attended MS&T or any other materials related conference.

The EPC has also allowed me to stay involved with student members, and through conference interaction and other programs to show them the value of society membership. In my graduate school years at Virginia Tech, ASM through Material Advantage was a strong supporter of our student activities. This support was one of the primary reasons for our success as a student chapter. Now, I enjoy being on the other side and helping current students make their materials related projects a success.



Brian Boyette, NAVAIR, Cherry Point

ASM Member Since 2001

EPC Member 2008-2011

AeroMat Event Organizing Committee 2010-2013

ASM Carolinas Central Chapter Volunteer

ASM has allowed me to make connections with other Materials Professionals in my local area as well as across the country. I am able to talk shop with people who work in my specialty (failure analysis) or seek out those that work in other areas to ask technical questions. This network makes me more valuable to my employer.



Erik Mueller, PhD, P.E., NAVAIR, Jacksonville

ASM Member Since 1998

EPC Member 2010-2013

Failure Analysis Committee 2010-2013

I first got involved with the EPC when asked to apply by several friends of mine I had previously met at conferences while a student. After being accepted, I gained more contacts and more knowledge than I could ever have anticipated. Besides just interacting with my counterparts on the committee, I have also had the pleasure of meeting some of the top engineers and scientists involved with ASM, many of whom are fellows and senior officers. Being a part of the EPC has also helped me gain insight into the inner working of professional societies and has allowed me to gain experience with other areas of interest, such as failure analysis. Much of what I have learned being on the EPC, particularly with recruiting/maintaining membership, program coordination, and content development, I have been able to directly apply to my job and other local organizations I volunteer with. I am very grateful for the opportunity that ASM has given me by appointing me to this committee.



Greg Oberson, NRC

ASM Member Since 2008

EPC Member 2009-2013

ASM/TMS Federal Affairs Committee

ASM Washington DC Chapter Volunteer

I've been a member of the ASM Emerging Professionals Committee since 2009. My involvement with the EPC has proven to be a valuable aspect of my professional development. My local ASM chapter has relatively few younger professionals, so the opportunity for networking and direction provided by the EPC has brought me increased confidence and resources that I have used to enhance my career prospects. By discussing the value of ASM with younger colleagues who have joined my agency, I've been able to encourage them to get involved with ASM as well. The past two years, I've helped organize the EPC symposium at the MS&T annual meeting. We invite newer and more experienced professionals (including the ASM President) to discuss topics of interest to our demographic. In this way, I've had the opportunity to interact with a wide array of people that I would probably not have gotten to know otherwise. As a federal employee, I'm also greatly interested in the way that ASM and other professional societies can affect public policy. EPC opened a door for me to get involved with the ASM/TMS Public and Government Affairs Committee. I have been active in organizing an annual ASM DC chapter event for students who come to the capital for Congressional Visit Days. Please consider the potential benefits of participating in EPC to help you get your career started on the right foot.



Margaret Bush, PE, Medtronic

ASM Member Since 2001

EPC Member 2006-2009

AM&P Editorial Committee 2007 - 2013

Technical Handbooks Committee 2010-2013

ASM Materials Camp Mentor 2011

In college I originally joined the Materials Advantage program for a free trip to Chicago for MS&T 2003. Going there, and at subsequent ASM meetings at school, I realized the value of my Materials Advantage membership. People came to present about their jobs or research, allowing me to learn a little more or just find out about something that I otherwise wouldn't have. When I graduated college, I accepted a job at a small company (seven people!) in a smaller town. My company does not pay for professional memberships, so the free memberships from all the Materials Advantage societies were nice. This way, I could pick and choose which ones I felt would be advantageous to continue with professionally. I chose ASM, as I always enjoy my local chapter meetings. They are very active, and offer many opportunities for new members to easily get involved. I was very excited when I learned about the Emerging Professionals program. This would allow me to get involved with ASM on a national level. Just up and joining a committee full of seasoned professionals is very intimidating to a young person just out of college. The Emerging Professionals program provided a way for me to join several committees without the intimidation factor. Involvement has been great and has definitely allowed me to make and keep in contact with professionals outside of my small company and small town.



Patrick Anderson, The Timken Company

ASM Member Since 2002

EPC Chair 2007-2008, Member 2006-2009

ASM Nominating Committee 2009

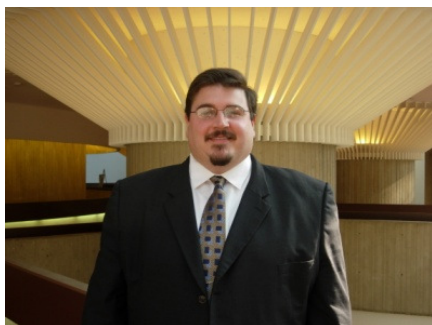
Awards Selection Committee

Volunteerism Committee 2009-2012

ASM Canton-Massillon Chapter Past Chair & Volunteer

As an undergrad, I joined ASM for the free food. As an Emerging Professional, there are still opportunities for free food, but I now realize what else ASM has to offer. After I finished graduate school in 2005 I moved across country for my new job. I immediately sought out my local ASM chapter because I knew it would be a place to get to know local materials professionals and possibly make some new friends. Soon, the opportunity to apply for the Emerging Professionals Committee came up and I took advantage of a wonderful program ASM has put together. The Emerging Professionals reach out to those members just like me, those in the process of making the transition from school to work, and provide the opportunity to connect with other recent graduates from all over the world.

For me it was a no-brainer to sign up for ASM's free year of professional membership. It's one less thing I have to worry about while settling into a new job and location. The true value to me is being able to volunteer in my local chapter and on national committees. These groups teach me priceless leadership and organizational skills which can be applied to all areas of my work life and allow me to interact with many wonderful and talented people on new and challenging projects.



Matthew Perricone, PhD, - RJ Lee Group

ASM Member Since 2001

EPC Chair 2006-2007, Member 2006-2009

ASM Nominating Committee 2008

Strategic Planning 2008

Chapter Council Chair 2011-2012, Member 2007-2013

Volunteerism Committee 2008-2010

Membership Committee 2007-2008

ASM Pittsburgh Chapter Volunteer

Becoming an active member of ASM International is one of the best decisions I've ever made, but I can't say that I always knew that it would turn out this way. Joining a professional society was always something my professors in my department encouraged their students to do, but when I joined as an undergraduate student I really didn't know what to expect. I was lucky to be at a school (Lehigh University) that had a pretty active student chapter, and going to the occasional local chapter meeting was okay. But, I really wasn't sure how my involvement with ASM would grow beyond being yet another student activity to put on my resume. Now, after 5 years of graduate school and a few years out into the "real world", I can honestly say that ASM is my professional home.

I was fortunate in my graduate career to go to ASM conferences to give papers and hear other people talk about their work in materials science. I met professionals from all across the country and the world, and I began to see ASM as a community of people in my field with common interests and common goals. I realized that ASM is filled with people who see their career in materials science as more than a way to pay their bills, but rather a way to make a difference in the world. Whether it's developing new materials to build fuel cells, capitalizing on the technological promise of nanotechnology, or helping to excite the minds of the next generation of materials scientists as part of the ASM Foundation's Materials Camp, ASM is home to some of the best minds in the materials world and to cutting edge materials technology.

But some of the reasons why I'm an active member of ASM International are much less grandiose. My first job out of school was in Albuquerque, a long way from the east coast where I grew up and went to school. Involvement in the local chapter helped me feel more comfortable in my new home, and quickly meet new colleagues and make new friends. I'm back in Pittsburgh now, but one of the first things I did when I arrived here was contact the local chapter to let them know I'm around. One of the most difficult things to do as a student is to envision what your place in the materials field might be someday, particularly because you get a mere glimpse of it while you're in school. ASM provides you the connection to the materials world that you need to succeed in this ever expanding global marketplace and can help you whether you're looking for a new job or a new customer. And even though ASM has plenty to offer passive and active members alike, I am convinced that getting involved at any level of the society will open many doors you never knew were there.

Jason Coryell, GM, Detroit

ASM Member Since 1997

EPC Member 2008-2011

ASM Detroit Chapter Past Chair & Volunteer

ASM offers excellent networking opportunities with Materials Professionals including engineers and buyers of materials in addition to unsurpassed technical content and resources in all media types including publications, online content, and conferences/webinars. The Society also provides a variety of ways to volunteer to give back to your profession - society or chapter leadership, youth enrichment in Materials, etc.

David Norfleet, PhD, Det Norske Veritas (USA) Inc, Columbus

ASM Member Since 2000

EPC Member 2009-2012

Failure Analysis Committee 2009-2012

My volunteering relationship with ASM began at the national level by involvement within the ASM Failure Analysis Committee. While on this committee, it was apparent that the number of active early professionals within ASM was low. This observation was echoed throughout ASM, all the way down to the chapter level. My interest in the Emerging Professionals Committee was twofold. First to gain a better understanding how ASM as an organization was structured. And second, to try and help the society retain young active professionals. What I did not anticipate was the positive interactions and relationships that would develop as a result of volunteering in the Emerging Professionals Committee. Relatively speaking, the materials community is small and the relationships and networking that has resulted from volunteering within ASM has been invaluable.



Juan Villegas, PhD, Intel Corporation

ASM Member Since 2000

EPC Member 2006-2009

Strategic Planning 2006

Student Affairs Committee 2006-2009

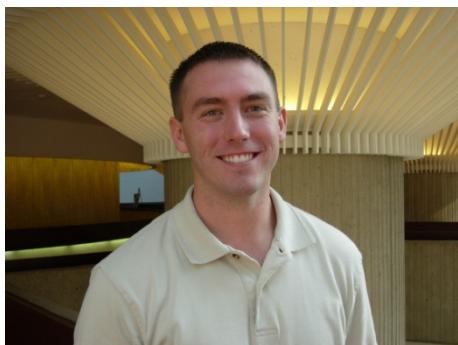
Membership Committee Chair 2011-2012, Member 2006-2013

ASM is more than the sum of its parts. A society can provide you with opportunities to broaden your network or sharpen your technical skills, to help others through volunteerism or even earn an award; occasionally a couple of fronts simultaneously. However, how often do you find one that gives you all of this and far more?

I joined ASM in my first year of graduate education and my only regret has been not joining my local Material Advantage chapter sooner! My involvement with Material Advantage was such an integral part of my advanced-education experience that I can hardly imagine the latter without the former: from fun-filled social interaction to technical contests; from leadership opportunities to the best conferences in the industry; from outreach to a wealth of information at my fingertips. All of this with the added benefit of leveraging strengths across activities because one thread was holding them all together: ASM International. Technical events provided chances for social interaction, which in turn opened the door for leadership opportunities; these became inspiration for outreach and so forth, not to mention résumé building. Had I undertaken them separately, they would have been a collection of scattered efforts, not the two-plus-two-equals-five effect it turned into.

As a professional member ASM continues to be more than the sum of its parts. I have privileged access to leadership opportunities on a national scale, a fine network of professionals on the cutting edge of materials science and engineering, and, just as important, have made good friends in the process. Also as a professional ASM has been providing a continuous thread that connects everything and links it back to graduate school, so that your past efforts are not left in the past – you can make them a part of your present. And this is just the start as I haven't been a professional member all that long!

There is no reason not to contact your local Material Advantage chapter if you are in school or your local professional chapter if you have already initiated professional practice. I have benefited immensely from my affiliation with ASM International and I am not alone. Join us and see for yourself how ASM is more than the sum of its parts.



Jaret Frafjord, IMR Portland

ASM Member Since 2000

EPC Member 2007-2010

IMS Member 2007-2013

AM&P Editorial Committee 2008-2011

Web Committee 2007-2008

Federal Affairs Committee 2007-2008

ASM Materials Camp Mentor 2010-2011

ASM Oregon Chapter Volunteer

I originally joined ASM while in college to boost my resume in anticipation of the job hunt. Similarly, I became vice president of the student chapter to add a little padding. After graduation, I admittedly stayed with ASM primarily due to the free 1-year membership. Luckily I met other active ASM members at my company who urged me to get involved again as a professional member. I took a few of the ASM educational courses, and even taught a summarized version to engineers and technicians at my company. I became involved with the local chapter's Materials Camp for high school students and also attended conferences sponsored by ASM and affiliate societies. The networking potential at these conferences and other ASM events has provided me with many opportunities to enhance my career, including positions on the Advanced Materials & Processes Editorial Committee and the International Metallographic Society Board of Directors. The Emerging Professionals Program has allowed me to interact with other young, driven individuals who have similar interests and goals. This group provides a new perspective for ASM, and we are getting recognized for our unique ideas. Getting involved at the national level is very rewarding, and the Emerging Professionals Program has opened the doors to a great experience.

Elena Garlea, PhD, Oak Ridge National Laboratory

ASM Member Since 2006

EPC Member 2009-2012

ASM Oak Ridge Chapter Volunteer

I first heard about ASM through the Material Advantage Chapter at the University of Tennessee. Over the years, my involvement with ASM Oak Ridge Chapter lead me to leadership positions. Being part of the Chapter's executive committee I had many opportunities to interact with young students and was impressed with their eagerness to learn about science and in particular about materials science. This motivated me to look for a national position that will give me a better picture about what ASM can do for young students that transition onto young professional. Becoming part of the ASM Emerging Professionals program at the National Level is quite an honor. Among others, an important responsibility is to inform local chapters and subsequently young professionals about the great opportunities that ASM offers and help them to network and experience national conferences.



Elizabeth Hoffman, PhD, Savannah River National Laboratory

ASM Member Since 2007

EPC Member 2007-2010

New Products & Services Committee 2009-2012

ASM Nominating Committee 2010

Federal Affairs Committee 2008-2011

ASM Savannah River Chapter Past Chair & Volunteer

I first experienced the benefits of ASM International as a scholarship recipient of one of the Philadelphia “Liberty Bell” Chapter student awards while studying at Drexel University in Philadelphia. I went to the local meeting to receive the award, and from then on continued to periodically attend the monthly meetings to hear a wide range of technical presentations and interact with local professionals. Eventually, I served as the Young Members’ Chair of the local chapter, organizing the first Materials’ Camp hosted by the “Liberty Bell” Chapter and developing a high school essay contest to raise awareness amongst high school students on materials science and engineering.

Throughout graduate school I was a member of Material Advantage, which offered a student membership to ASM International. After graduating, I continue to be a professional member of ASM International. I have remained a member not only for the interaction with fellow professionals in the field of material science and engineering, but also to support the society in their efforts to promote and uplift the materials profession. In particular, the educational programs offered by ASM International, such as the ASM Materials Camp, I feel are importance forces in attracting quality students to the field of materials science and engineering.

Currently employed at the Savannah River National Laboratory in Aiken, SC, I am continuing my involvement with ASM International through the local Savannah River Chapter. Additionally, as an active member of the Emerging Professionals Program, I have had the opportunity to become more involved with ASM International on a national level.

Erin L Camponeschi, PhD, Chicago, IL

ASM Member Since 2000

EPC Member 2010-2013

ASM Chicago Regional Chapter Volunteer

Emerging professionals program is a great way to get involved with ASM international and meet other fellow Materials Engineers. This committee gives you the importunity to network with other materials engineers and use your creative skills to get younger members involved with ASM after graduation. By attending the MS&T meeting every fall, I keep in touch with all the latest research and technology within materials science. It also has the added benefit of being a reunion with my fellow Materials graduates.



Liam Pingree, PhD, – The Boeing Company

ASM Member Since

EPC Chair 2009-2010, Member 2007-2010

Education Committee 2010

ASM Puget Sound Volunteer

When I was a junior in college, I realized how much I'd been missing by not being a part of ASM and Materials Advantage. Why? Networking, acknowledgment, leadership opportunities, oh, yeah...and scholarships. But as I became aware of what the society was doing at both the local and national levels, the more I became involved. By attending local chapter meetings, I began to interact with a wonderful group of professionals. I learned how much they really care about the success of the student groups around them and how much of a difference I could make, as a student. I found that these individuals wanted to hear from students, and they wanted to do what was best for them, rather than guess.

As I transitioned away from my university, I wanted to continue to make a difference, and more. I knew the impact that I had had at the local level, and I wanted to continue this. I knew my life was changing, challenges at my job were changing, and even my location was changing. Although I was lucky enough to transition from one strong local chapter (Chicago) to another (Puget Sound), I know not everyone is as lucky. I have grown to truly enjoy the camaraderie, support, and information provided through ASM and its programs, and I would hate to lose additional young professionals because their transitions were more difficult than my own.

One person can make a difference, and I believe the Emerging Professionals Program is even more powerful than that, because everyone in the program feels the same way. To paraphrase: the whole is better than the sum of our parts.

More than this, sometimes it can be quite challenging to make a difference at any level as a young professional. Often, it can be intimidating to voice your opinions and kick-start bold initiatives. This program helps everyone involved climb that barrier and be a part of ASM at the national level. And if you don't want to make the change, but have an opinion, we all hope that you would feel comfortable discussing your ideas with us. That's part of why we're here: to be your voice as well as ours.

Dan Grice, IMR Ithaca

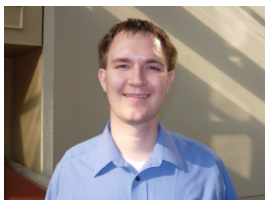
ASM Member Since 2004

EPC Member 2010-2013

ASM Twin Tier Chapter Volunteer

After being involved with Material Advantage during college, I wanted to stay involved with ASM International outside of my local chapter. The Emerging Professionals Committee has given me an opportunity to expand my professional network, hone my leadership skills, volunteer on a national level, and meet new friends in the process.

Developing my professional network through ASM International is how I found a job I love directly out of college. The Emerging Professionals Committee is my first step toward developing the tools I need to be successful throughout my career while giving me valuable professional exposure.



Nathan Ashmore, The Boeing Company

Member Since 2006

EPC Member 2007-2010

Like many, my first ASM experience involved a free pizza dinner and a presentation on a subject of which I had no idea what they were talking about. Shortly after, ASM offered a chance for a road trip with my new found college buddies to sunny Columbus, OH for a chance to hear more talks which sounded cool but which I knew even less about. That was Sophomore year, and ASM provided me my first exposure to the actual application of materials engineering. Outside of class work, ASM gave me a chance to see how materials science & engineering used in all types of industry, from new automotive alloys, to drug deploying stents. As I learned and eventually earned my degree, ASM continuously provided an outlet where I could see exactly where my education could lead. Now that I've begun my career in materials science (due in no small part to the inspiration ASM provided,) ASM provides a home to a profession where it can still be difficult to find and connect with one's peers. As current focus on new materials grow, so does the focus on the materials engineer, and ASM continues to provide a resource to connect, discuss, and learn on virtually every materials topic. The emerging professionals program acts as a gateway to some of the best parts of ASM. While many of us have classmates we still keep in touch with, the emerging professionals program provides an excellent way to meet and network with young professionals across a great breadth of academic, federal, and industrial spheres. As the EPP grows, it will give new materials engineers a foothold into a group that has a great wealth of knowledge if one is willing to engage it. Joining the EPP has also allowed me access to ASM committees which form the core of what makes ASM possible, and with that chance an ability to start what I hope will be a lifetime of mutual benefits between ASM and myself.

Chandler Slate, RTI

ASM Member Since 2008

EPC Member 2011-2014

When I first became a part of the EPC, I didn't know what to expect, however I quickly found myself as part of a group of open minded, young professionals from around the country and from various backgrounds. This interaction has been invaluable, and will be an important part of all of our careers and future roles within ASM.

I joined the Emerging Professionals Committee because I saw it as an open door with access to a larger group of ideas, and I believed it would provide me with an excellent opportunity to be involved with ASM at a national level. While in school, I didn't participate in professional societies as much as I would have liked, and the EPC seemed like the perfect avenue to change that in my future. I joined the EPC during my first year out of school after taking a position with RTI International Metals in Niles, OH, with a plan to relocate to a new facility in Martinsville, VA. Southwestern Virginia isn't well known for its materials work, so joining the EPC is also allowing me to stay connected with others in materials fields. Together with this committee, I hope to help ASM better meet the needs of the emerging professionals.