HONORS & PAST CHAIRPERSON’S NIGHT
Thursday, May 18, 2017

ASM Members who have devoted their time and energy to the Liberty Bell Chapter will be thanked at the Honors and Past Chairpersons Night.

The Awards Committee selects the award recipients, the Chapter Chairperson makes his selection for the President’s Award, and the Scholarship Committee chooses the Scholarship winners.

The contributions of Chapter members and Past Chairpersons is recognized at this final general meeting of the year.

2017 SCHOLARSHIP WINNERS

The three winners of the ASM Liberty Bell Chapter scholarships are as follows:

Mr. Mark Petrovic, Drexel University - A. W. Grosvenor Award; Mr. Riki McDaniel, Drexel University - Anthony Gallacio Award; and Mr. Patrick West, Drexel University - John J. DeLuccia Award.

Joseph Amber Inn

Menu: Choice of Parmesan Crusted Chicken Breast with Lemon Chardonnay Sauce or Pasta Primavera with Seasonal Vegetables. (all entrees served with Chef’s Selection of Potato and Vegetable, Coffee, Tea and Iced Tea). Dessert: Cheesecake with Raspberry Sauce.

E & O Meeting: 4:30pm, Social Hour: 6:00 - 7:00pm, Dinner: 7:00pm

Prices: Members and Guests $35 | Retirees $24 | Students and Faculty $15

Meeting Registration: PLEASE NOTE**: All reservations must contact Trevor Jones at 215-721-1502 ext 1220 or on our website at http://philadelphia.asminternational.org no later than 1:00 PM on the Tuesday before the meeting to guarantee availability.

This Month’s E-Newsletter is Sponsored by:
OUTGOING CHAIRPERSON’S MESSAGE
MAY 2017

It has truly been an honor to serve as the ASM Philadelphia Liberty Bell Chapter Chairperson for the past year. It’s been a great learning experience and feels like I’m just getting acclimated to the role, now that it’s almost over. I nervously accepted the position but learned over the course of this year that our chapter has so many talented and dedicated volunteers that it nearly runs itself! I am very thankful to the chapter for giving me the privilege of administering our finely tuned organization. It’s been a humbling experience to follow in the footsteps of past chairpersons, many of whom will be acknowledged at our next and final meeting - Honors & Past Chairperson’s Night.

I would like to thank everyone on the Executive and Operating committees, colleagues and mentors for their generous support throughout the year. I want to give a special thanks to the immediate Past Chapter Chairperson, Jamie Jones, for his insight on various responsibilities which helped to keep everything on schedule and running smoothly. I would also like to express gratitude to my employer, Solar Atmospheres Manufacturing, Inc., who has been a dedicated ASM supporter, for encouraging and enabling me to be involved in this great organization.

The time spent volunteering for the Executive and Operating committee over the past three years has been invaluable. My two years as Treasurer and Vice Chair in addition to my most recent role as Chairperson have provided me with beneficial opportunities within the ASM community as well as personal professional development. Being a member of this remarkable organization also provides the opportunity to network with prestigious leaders and professionals within the materials community. I highly recommend becoming a part of this group!

Finally, I would like to thank all of our members who tirelessly support the chapter through volunteering on committees, attending meetings, providing feedback and suggesting new ideas. We all have other priorities in life, and I am truly gratified to see so many of you come out to each meeting and event. You all have made my time as Chapter Chair very memorable and comfortable. I am confident our Incoming Chairperson, Alicia Gaydos, will manage the chapter just as successfully as our predecessors have. As I pass the gavel to Alicia, I wish her the best as we transition into the next year of the ASM Philadelphia Liberty Bell Chapter.

Sincerely,
Nick Cordisco, 2016-2017 Chapter Chairperson

2017 UPCOMING EVENTS

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>05-18-17</td>
<td>Thursday</td>
<td>Honors &amp; Past Chairpersons Night</td>
<td>Joseph Ambler Inn, North Wales</td>
</tr>
<tr>
<td>06-05-17</td>
<td>Monday</td>
<td>Golf Outing</td>
<td>Limekiln Golf Club</td>
</tr>
<tr>
<td>06-26 to 06-30-17</td>
<td>Monday-Friday</td>
<td>Materials Camp</td>
<td>Drexel University</td>
</tr>
<tr>
<td>07-24 to 07-28-17</td>
<td>Monday-Friday</td>
<td>Rowan Teacher’s Camp</td>
<td>Rowan University</td>
</tr>
<tr>
<td>08-14 to 08-18-17</td>
<td>Monday-Friday</td>
<td>Temple Teacher’s Camp</td>
<td>Temple University - Ambler</td>
</tr>
<tr>
<td>09-21-17</td>
<td>Thursday</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>

2017 ASM Liberty Bell Chapter Poster Contest Winners

Pictured left to right: Mike Moyer, Solar Atmospheres, Inc. and the Poster Contest Winners: Mallory Clites, Reva Street, and Tyler Mathis

1st Place was Mallory Clites with “Improved Electrochemical Stability of Bilayered Vanadium Oxide Cathodes in Li-ion Batteries through Chemical Ion Pre-intercalation”

2nd Place was Tyler Mathis with “Effects of processing conditions on the capacitive properties of Onion-like Carbon”

3rd Place was Reva Street with “Growth of Spinal Cord Explants on Electrospun Branched and Linear Polyethylenimine-blended Nanofibers”
INCOMING CHAIRPERSON’S MESSAGE

MAY 2017

It is with the greatest privilege and honor that I accept this position of Chairperson for the ASM Liberty Bell Chapter of Philadelphia. Having served on the Board since 2014, since this time, I have met many wonderful people and have attended many wonderful monthly meetings. Now, with great surprise, the Board is entrusting me to serve in its leadership role! To this, I proudly accept with much enthusiasm and confidence and in doing so, I also quote the French philosopher Albert Camus (1913-1960) as follows: Don’t walk behind me, I may not lead. Don’t walk in front of me; I may not follow. Just walk beside me and be my friend. Hence, as your incoming Chairperson, it is true, there certainly will be times that I will lead you, and likewise, there will certainly be other times where I will call upon your wisdom and have you lead me. Yet, ultimately, it is in the spirit of healthy collaboration that together we, in volunteering and serving on the Board, lead in true fellowship, sharing in our unique chosen profession or related profession within the field of materials science and metallurgical engineering.

So as we go forth and set our chapter’s agenda for the upcoming 2017-2018 season, let us move together in true partnership to sustain the vision that was once set forth by our founders of ASM International of nearly 100 years ago and is now simply stated on our main website as follows: “We are dedicated to informing, educating, and connecting within the materials community to solve problems and stimulate innovation around the world”. And as you pass the gavel to me, Nick Cordisco, our Chairperson for 2016-2017, I thank you for your service this past season to the Board. Like you, I am ever humbled to try and fill this position as well as you have, and as well as the other Chairpersons that have served before you. It is also in this spirit that I say in closing this phrase and in recognition of our Past Chairpersons whom we will honor at our May 18th meeting at the Joseph Ambler Inn: nanos gigantum humeris insidentes (standing on the shoulders of giants). As Bernard of Chartres (d. 1124) once wrote similarly, we stand on the shoulders of giants who lift us up to see higher and further, challenging us to be ever more than we can be. In having them serve as our role model, we too try to emulate and serve in a way which carries forth our chapter with a vision that has been sustained primarily through all their prior efforts along with all our prior Boards.

In this respect, I sincerely thank all of you for selecting me and entrusting me to be your Chairperson for the upcoming 2017-2018 season. May I not only carry the gavel, but also carry the torch ever so brightly into the upcoming season together with all of you.

Thank you again!

Sincerely,
Alicia A. Gaydos
Incoming Chairperson 2017-2018
ASM Materials Education Foundation Award Winners Selected

Once again this year, members of the Philadelphia Chapter participated as special awards judges in the Delaware Valley Science Fairs. The DVSF was held on April 5-7 in Oaks, PA. The ASM Foundation provides four awards, one for each high school grade. The awards consist of a medallion, a certificate, and a $50 gift card. The awardees are selected for the “most outstanding exhibit in material science” at each grade level. In addition, the Chapter invites the 10th and 11th grade winners to attend the Chapter Materials Camp.

This year’s winners were:

12th Grade:
Charlotte Lang
“Artificial Cartilage Derived from Bioplastic; Charlotte is a student at Council Rock High School- North Newtown. Her teacher is Terese Grateful.

11th Grade:
Seungkwon Son
“Efficient Method of Producing Large Quantities of Graphene through Electrochemical Exfoliation of Graphite”; Seungkwon attends Parkland High School in Allentown. His teacher is Christopher Gahman.

10th Grade:
Amy Ouyang
“Making Bioplastics More Durable”; Amy is a student at Methacton High School in Norristown. Her teacher is Robert Helm.

9th Grade:
Katie Sapozhnikov
“The Effect of Chlorinated Water on the Strength of Hair”; Katie is a student at Wissahickon High School in Ambler, working with Mary Jo Burgoyne.

The results of this judging continues to impress and encourage us. Mr. Christopher Gahman has now had three students win one of the ASM International awards in the last three years. Once again, this year’s DVSF proved to be a great experience both for the students and the judges. Of course, as we say every year, more judges are always welcome. If you are interested in finding more information, talk to either John Janiszewski or Ed Neu.

INSTITUTIONAL MEMBERS

DREXEL UNIVERSITY
TEMPLE UNIVERSITY
UNIVERSITY OF PENNSYLVANIA
ROWAN UNIVERSITY
VILLANOVA UNIVERSITY
WILLIAMSON COLLEGE OF THE TRADES

2017 SUSTAINING MEMBERS

A.L. SINGMASTER PERSONNEL SVC.
APOLLO DESIGNS
B & G MANUFACTURING COMPANY, INC.
CONSULTING ENGINEERS & SCIENTISTS, INC.
CORROSION TESTING LABORATORY
CRAIG CLAUSER ENGINEERING CONSULTING, INC.
DANA CORPORATION
DELAWARE VALLEY UTILITY ADVISORS
DONOVAN HEAT TREATING COMPANY, INC.
ECRI-MSLB
EXELON POWER LABS
FORENSIC SCIENCES INCORPORATED
FREDERICKS COMPANY/TELEVAC DIVISION
HOEGANAES CORPORATION
IPSEN INC.
LABORATORY TESTING INC.
LECO CORP.
LTK ENGINEERING SERVICES
MAGNA-TECH P/M LABORATORIES
METLAB CORP.
PENN STAINLESS PRODUCTS
PRESSURE TECHNOLOGY, INC.
REX HEAT TREAT
ROBERT WOOLER COMPANY
SOLAR ATMOSPHERES INC.
SOLAR MANUFACTURING INC.
STRUCTURE PROBE INC.
STRUERS INC.
SUPERIOR TUBE COMPANY
TINIUS OLSEN TESTING MACHINE CO., INC.
WE AUTOMATION
Mark Your Calendars for the 31st Annual Golf Outing

Hosted By: The Greater Philadelphia Section of ASNT

Location: Limekiln Golf Club, 1776 Limekiln Pike, Ambler, PA, 215-643-0643

In case of rain, please call Limekiln Golf Club

Date: Monday, June 5, 2017

Registration: 7:00am   Golf: 8:00am (Shotgun Start)   Buffet: 1:30pm

Closest to the Pin, Longest Drive, Putting Contest

The 31st Annual Golf Tournament has been scheduled for Monday, June 5, 2017, and reservations are now being taken. The cost of this outing is only $95, if paid by May 29, 2017, $100 if paid after May 29, 2017. Price includes golf fees, golf cart, buffet, refreshements, and prizes.

Hole Sponsors are being sought for this event at all holes. The cost of becoming a Hole Sponsor is only $85. A “Sponsor Sign” is included in the cost and will be displayed at your hole. RSVP: Golf Hole Sponsors by Monday, May 29, 2017.

Cost:
$95 - Golf & Buffet
$85 - Hole Sponsor

Foursome:

Name: ___________________________________________   Name: ___________________________________________

Name: ___________________________________________   Name: ___________________________________________

Amount Enclosed: ___________________________   Make checks payable to “Greater Philadelphia Section of ASNT”


Return Payments to:
Steve Walmsley
C/O Laboratory Testing
2331 Topaz Drive
Hatfield, PA 19440
Cell: 215-272-7205
scwalmsley@verizon.net

Siemens Demag Delaval Turbomachinery, Inc. Plant Tour

On Tuesday, May 16th, Siemens Demag Delaval Turbomachinery, Inc. is offering a plant tour to the ASM Philadelphia Liberty Bell Chapter. The tour will start promptly at 4pm, so please arrive by 3:30pm to sign in. There is a strict no mobile phone policy. All mobile phones should be left in your vehicle. After the tour, for those interested, we will be going to the Vault Brewery. Since this is not an ASM sanctioned function, you are responsible for your own food and drink expenses if you attend the Vault.

Please contact Chris Dolan at Siemens if you are interested in attending at: chris.dolan@siemens.com
Siemens Demag Delaval Turbomachinery, Inc. - 840 Nottingham Way, Trenton, NJ 08638

Like us on Facebook!

Follow us on LinkedIn
https://www.linkedin.com/groups/2897863/profile

Check out our website!
http://philadelphia.asminternational.org

This Month’s E-Newsletter is Sponsored by:

Energy Cost Problems?

➤ Confused by Electric Dereg?
➤ No Time to Learn About New Rules, Suppliers, Rebates?

We can help. Call for a Free Review of Your Options and Savings Opportunities.

DVUA
DELAWARE VALLEY UTILITY ADVISORS
1939 Armstrong Drive • Lansdale • 215-699-0690
dvua@verizon.net www.utilitycostconsultants.com

Allied
Qualify Products for Metallographic Sample Preparation & Analysis

www.alliedhightech.com Contact Paul Franks (609) 675-1118 (HQ) (804) 393-8937 (Cell)
Rowan and Temple (Ambler) Universities to hold ASM Teacher’s Camps

Rowan University Teacher’s Camp:
July 24 - July 28, 2017 at Rowan University

Temple University (Ambler) Teacher’s Camp:
August 14 - August 18, 2017 at Temple University Ambler Campus

“I think it was the WHOLE team that caused the Philly camp to be successful! Starting with George to make it happen and the wonderful staff at the Ambler campus and the main campus that were so helpful and accommodating. And don’t forget the AWESOME students that helped us out. Loved those kids - they were amazing. And of course Al - the force behind great things happening in NJ and Philly. Jeane anchoring everything from the Dome. It was easy for Andy and me to show up and have fun with the teachers.

Pretty solid team!
Very excited about doing it again this year!”

Debbie Goodwin, Teacher who attended both the Rowan and Temple Teacher’s Camps last year

Directions to Joseph Ambler Inn:

From the PA Turnpike (East - West)
Exit at Fort Washington (Exit #339) and follow Rte. 309 North to Stump Road (traffic light — Acura Dealer). Turn Right onto Stump Road, turn Left onto Horsham Road (traffic light) and Right into our driveway.

From PA Turnpike/NE Extension (Rte 476) — Lansdale Exit(#31)
Turn Left from the exit ramp onto Sumneytown pike, follow about 5 miles & turn left onto US-202 North. Turn Right onto Horsham Road and Left into our driveway.

From Center City, Philadelphia, the Main Line and City Line Ave
Take the Schuylkill Expressway West (I-76) to I-476 North to the PA Turnpike East. Go EAST and exit at Fort Washington (Exit #339). Follow Rte. 309 North to Stump Road (traffic light — Acura Dealer). Turn Right onto Stump Road, turn Left onto Horsham Road (traffic light) and Right into our driveway.