2017 Student Awards Luncheon

~ Dr. Glenn Gates ~
Director of the Science Laboratory
The Walters Art Museum

"Scientific Explorations of Cultural Heritage"

Sunday, April 9th 12-3:30 pm
Doyle Formal Room
Notre Dame University of Maryland
4701 N. Charles St.
Baltimore, MD 21210
2017 Section Officers:

Chair 2017 – Stephanie J. Watson, N.I.S.T., stephanie.watson@nist.gov
Vice-chair (chair 2018) – Beatrice Salazar, beatricesalazar1@gmail.com
Chair-elect (chair 2019) – Dana Ferraris, McDaniel College, dferraris@mcdaniel.edu
Immediate-Past Chair (chair 2015) – Paul Smith, University of Maryland, Baltimore County, pjsmith@umbc.edu
Secretary – Louise Hellwig, Morgan State University, louise.hellwig@morgan.edu
Treasurer – Angela Sherman, Notre Dame of Maryland University, asherman@ndm.edu

Councilors:
2017–2019 Merle I. Eiss, Retired, meiss32@aol.com
2017–2019 Paul Smith, University of Maryland, Baltimore County, pjsmith@umbc.edu
2015–2017 Stephanie J. Watson, N.I.S.T., stephanie.watson@nist.gov
2015–2017 Dana Ferraris, McDaniel College, dferraris@mcdaniel.edu
2015–2017 Jan Kolakowski, US Army Edgewood Chemical Biological Center, jan.e.kolakowski.civ@mail.mil

Alternate Councilors:
2017–2019 Kelly M. Elkins, Towson University, kmelkins@towson.edu
2017–2019 Sandra Young, RDECOM, sandra.k.young26.civ@mail.mil
2017–2019 Pumtiwitt McCarthy, Morgan State University, Pumtiwitt.McCarthy@morgan.edu
2017–2019 Charles M. Zapf, retired, smzsail@verizon.net

2017 Members-at-large:
George Farrant, Retired, gfarrant@yahoo.com
Sara Narayan, Stevenson University, snarayan@stevenson.edu
Suzanne Procell, Edgewood Chemical Biological Center, suzanne.a.procell.civ@mail.mil
Rose Pesce-Rodriguez, RDECOM, rose.a.pesce-rodriguez.civ@mail.mil
Sandra Young, RDECOM, sandra.k.young26.civ@mail.mil

Award Committee Chairs:
Student Awards – George Farrant, Retired, gfarrant@yahoo.com
Remsen Award – Dana Ferraris, McDaniel College, dferraris@mcdaniel.edu
Braude Award – Louise Hellwig, Morgan State University, louise.hellwig@morgan.edu
Maryland Chemist Award – Angela Sherman, Notre Dame of Maryland University, asherman@ndm.edu

Committee Chairs:
Chemathon – Charles M. Zapf, retired, smzsail@verizon.net
Elections - Stephanie J. Watson, N.I.S.T., stephanie.watson@nist.gov
Energy/Environmental Issues—Richard Love, ralove100@gmail.com
Finances – Jan Kolakowski, US Army Edgewood Chemical Biological Center, jan.e.kolakowski.civ@mail.mil
LSAC, USNCO, Earthy Day Events - Beatrice Salazar, beatricesalazar1@gmail.com
Women Chemist Committee – Sara Narayan, Stevenson University, snarayan@stevenson.edu; Kelly M. Elkins, Towson University, kmelkins@towson.edu

Maryland Section on the Web:
maryland.sites.acs.org

Webmaster:
Pumtiwitt McCarthy, Pumtiwitt.McCarthy@morgan.edu

Chesapeake Chemist Editor-in-Chief:
Pumtiwitt McCarthy, Pumtiwitt.McCarthy@morgan.edu

Contact us at:
contact-us@mdchem.org
Message from the Chair:

April has always been a special month for our Section. Not only is the weather getting warmer, this is the time of year that we celebrate the achievements of our area undergraduate chemistry students whom were nominated from their university chemistry departments. These young chemists are the future of our profession and their support is important to our Section.

Please join me in congratulating all our student awardees!

Stephanie Watson
Chair 2017

Passing of Dr. Shirish Shah

It is with great sadness that the Maryland Section announces the passing of Dr. Shirish Shah. Shirish, 75, died Sunday, March 26, 2017 of complications from dementia in Winter Springs, Fla. In 1979, he moved his family moved to Baltimore. During the next 34 years until retiring in 2013, Dr. Shah taught chemistry at Baltimore City Community College, Coppin State University and Notre Dame of Maryland University. In addition to college students, he also taught nursing school students, law enforcement officers and firefighters. Additionally, he taught auto mechanics, drafting design and computer skills to prison inmates. At the time of his retirement, he was on the faculty of Morgan State University.

He was a longtime active member of the Maryland Chapter of the American Chemical Society. In 1991, Shirish came to Baltimore to teach at The College of Notre Dame and became an immediate worker in the Section’s operation and programs. Besides his service as Chair of the Section, he committed himself to programs that served the youth of the community. He started Science Fair for College and University students in 1991 and it continues today. He was a central worker in the National Chemistry Week activities in the early days. He started the Kids and Chemistry Program which has been carried on recently by Sandy Young. He organized and has overseen the 50-year Membership Luncheon at the Belmont since 1996. Under his care and background concern the Section won national awards in Public Relations, Science Policy, National Chemistry Week, and Chemagination. He remained House Chair helping to keep the meetings flow well. He will be missed!
~ Dr. Glenn Gates ~
Director of the Science Laboratory
The Walters Art Museum

"Scientific Explorations of Cultural Heritage"

Sunday, April 9th 12-3:30 pm
Doyle Formal Room
Notre Dame University of Maryland
4701 N. Charles St.
Baltimore, MD 21210

Speaker Bio: Glenn Alan Gates, PhD. conducts research that merges chemistry and material science with art and cultural heritage. Since 2010, he has run the Science Laboratory at the Walters Art Museum in Baltimore, Maryland, addressing questions surrounding the composition, construction, preservation and authentication of works of art from the past fifty-five centuries. This work includes ancient Egyptian statues, Roman portraits, Medieval manuscripts, Renaissance masterpieces, Impressionist paintings and Tiffany jewelry. Previously, he was the Head Research Scientist at the Detroit Institute of Arts.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 pm</td>
<td>Reception</td>
</tr>
<tr>
<td>12:30-1:30 pm</td>
<td>Luncheon</td>
</tr>
<tr>
<td>1:30-2:00 pm</td>
<td>Awards Ceremony</td>
</tr>
<tr>
<td>2:00-3:00 pm</td>
<td>Speaker Presentation</td>
</tr>
</tbody>
</table>

*RSVP*  

gfarrant@yahoo.com

*Awardees please RSVP with number of guests and any dietary restrictions*
Recent Events

Women Chemist Committee Dinner

CALL FOR NOMINATIONS: 2017 Braude Award
The Braude Award, established by George and Monique Braude, is awarded at the November meeting and honors a professor conducting outstanding research involving students at a college or university in the Chesapeake region. At the November dinner meeting the recipient presents his/her research and receives a plaque describing his/her contributions as well as a monetary award to help support further student research. Nominations are now being accepted for the 2017 Braude Award. Nominees must be a member of the ACS, and underrepresented candidates including women, are encouraged. Please submit a list or description of the research accomplishments of the nominee, as well as an indication of the number of students involved in that research, to Louise Hellwig via e-mail: louise.hellwig@morgan.edu. Deadline: June 1, 2017

Mar/Apr, 2017

Volume 74, Number 2
2017 Remsen Award to Robert Grubbs
The Maryland Section of the American Chemical Society is pleased to announce that Robert H. Grubbs, Victor and Elizabeth Atkins Professor of Chemistry at Caltech, is the recipient of the 2017 Remsen Award. The Remsen Award was established in 1946 to commemorate the career of Ira Remsen, first Professor of Chemistry and second President of the Johns Hopkins University, as a chemist, educator, and administrator. The Remsen Award Lecturers are chemists of outstanding achievement, in keeping with Ira Remsen's long and devoted career as an exponent of the highest standards in teaching and research in chemistry. Per tradition, Dr. Grubbs will present the Remsen Lecture in October in Remsen Hall on the campus of Johns Hopkins University.

Upcoming Events

US National Chemistry Olympiad, USNCO
All high school students and chemistry teachers in Maryland are invited to participate in the US National Chemistry Olympiad. The local exam will take place between March 1st and March 25th. The National exam will be Saturday April 22, 2017 at the Notre Dame of Maryland University. Please contact USNCO Coordinator, Beatrice Salazar (beatricesalazar1@gmail.com) if you are interested in participating in this prestigious competition.

ACS Maryland Celebrates Earth Day
High schools in the area have been invited to participate in the Earth Day annual celebration. For the second year in a row we will tour the first water filtration plant built in USA. The Montebello Water Filtration Plant-I is 102 years old and still in excellent condition providing clean drinking water to Baltimore area residents and neighboring towns. For more information contact the coordinator of the event, Beatrice Salazar at beatricesalazar1@gmail.com

ACS Maryland Brewery Tour
We’re going on a BREWERY TOUR!
Which one? Heavy Seas
4615 Hollins Ferry Road
Halethorpe, Maryland
Date and Time: 5 p.m. Saturday May 20
Cost: $7/person
Space is limited, so RSVP to Louise.Hellwig@morgan.edu early.

Tour the Heavy Seas brewery & learn how beer is made! Tours last 45 minutes and are open to all ages. The tour includes a souvenir pint glass and beer sampling.
Beer sampling will begin before the tour so arrive early. You must be 21+ years of age to drink!
For safety reasons, no open toe shoes, flip flops, heels, etc.
A food truck will be on the premises.
Congratulations to the 2017 MD ACS Student Awardees!

Yuelun Liu  
Anne Arundel Community College

Funke Okunrinboye  
Community College of Baltimore County-Catonsville

Samuel Perry  
Coppin State University

Eric J. Czech  
Frederick Community College

Scott Witte  
Goucher College

Timothy Diethrich  
Hood College

Mar/Apr, 2017
Abisola Olufadeke Iluyomade
Howard Community College

Zachary Zilber
Johns Hopkins University

Amelia Ekert
Loyola University Maryland

Andrew Ullmann
McDaniel College

Bridgit Kioko
Morgan State University

Sarah Bonson
Mount Saint Mary’s University

Mar/Apr, 2017

Mar/Apr, 2017

Volume 74, Number 2
Erika Deppenschmidt  
Notre Dame of Maryland University

Leah Michele Dignan  
Saint Mary’s College of Maryland

Corinna Carter  
Stevenson University

Hanna Burdge  
Towson University

J. Joseph Brough  
United States Naval Academy

Heather Frank  
University of Maryland Baltimore County
2017 Maryland Section Event Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women Chemist Committee Dinner Meeting</td>
<td>March 8&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Stevenson University</td>
</tr>
<tr>
<td>ACS National Meeting</td>
<td>April 2-6&lt;sup&gt;th&lt;/sup&gt;</td>
<td>San Francisco, CA</td>
</tr>
<tr>
<td>Student Awards</td>
<td>April 9&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Notre Dame of Maryland University</td>
</tr>
<tr>
<td>Earth Day Event: Tour of Montebello Water Filtration Plant</td>
<td>Friday, April 21&lt;sup&gt;st&lt;/sup&gt;</td>
<td>Baltimore, MD</td>
</tr>
<tr>
<td>Earth Day</td>
<td>April 22&lt;sup&gt;nd&lt;/sup&gt;</td>
<td>Everywhere</td>
</tr>
<tr>
<td>USNCO US National Chemistry Olympiad</td>
<td>April 22&lt;sup&gt;nd&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>50 Year Luncheon</td>
<td>May</td>
<td>TBD</td>
</tr>
<tr>
<td>Brewery Tour</td>
<td>May 20&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Heavy Seas Brewery</td>
</tr>
<tr>
<td>ACS National Meeting</td>
<td>August 20-24&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Washington, D.C.</td>
</tr>
<tr>
<td>Remsen Award</td>
<td>October</td>
<td>Johns Hopkins University</td>
</tr>
<tr>
<td>National Chemistry Week</td>
<td>October</td>
<td>Everywhere</td>
</tr>
<tr>
<td>Braude Award</td>
<td>November</td>
<td>TBD</td>
</tr>
<tr>
<td>Maryland Chemist Award</td>
<td>December</td>
<td>TBD</td>
</tr>
</tbody>
</table>

If you have any ideas or suggestions about new events, let us know: contact-us@mdchem.org
REMEMBER: Receiving the Chesapeake Chemist

Hopefully, if you are reading the Chesapeake Chemist this month, you are receiving it via e-mail from us. We went to electronic-only mailings to our MD ACS membership in October 2006.

Changing your e-mail address? Moving out of the MD ACS area? E-mail changes can be updated either by:

- E-mailing us at contact-us@mdchem.org – give us your member #, full name, and e-mail changes and we can ensure that your records are updated with National ACS.
- Contacting the National ACS membership division: 800-333-9511 (US only) or service@acs.org

To ensure that you receive the Chesapeake Chemist, please add the MD ACS e-mail (contact-us@mdchem.org) to your accepted e-mail address list IF you have a spam filter.

If you are a member who currently doesn’t receive the Maryland ACS Chesapeake Chemist but download it from our website, it is possible that National ACS does not have your e-mail address on file. If you want to receive the Chesapeake Chemist via e-mail, please e-mail us at contact-us@mdchem.org – give us your member #, full name, and e-mail address and we can ensure that your records are updated with National ACS.

The current edition and previous editions of the Chesapeake Chemist can ALWAYS be obtained via our website: http://mdchem.org – please see the Newsletter Archive link on the left-hand side of the website.

micron inc
ANALYTICAL SERVICES

MATERIALS CHARACTERIZATION
MORPHOLOGY CHEMISTRY STRUCTURE

OM / SEM / EDXA / TEM / SAED, EPA / WDXA
XRF / ESCA / AUGER / XRD
DSC / TGA / MFTIR

3815 LANCASTER PIKE, WILMINGTON, DE 19805
Phone: 302-998-1184, Fax: 302-998-1836

E-mail: (micronanalytical@compuserve.com )
Website: (http://micronanalytical.com/)

The Chesapeake Chemist is e-published monthly September through June by the Maryland Section of the American Chemical Society. Send submissions to the editor in electronic format. The Maryland Section is not responsible for opinions expressed herein. Editorials express the opinions only of the authors. The editor is not responsible for all unsigned material.