

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



Chesapeake Chemist

Maryland Section
American Chemical
Society

Volume 74, Number 2, Mar/Apr, 2017

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

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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:

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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

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George Farrant, Retired, gfarrant@yahoo.com

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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

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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

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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!

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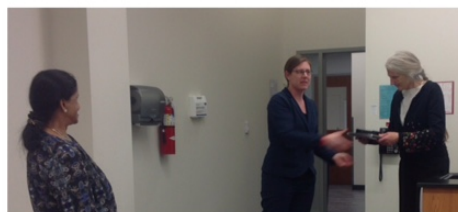
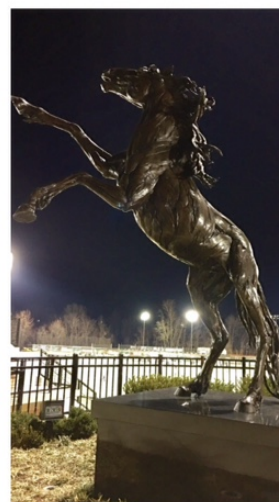
Speaker Bio: Glenn Alan Gates, PhD. conducts research that merges chemistry and material science with art and cultural heritage. Since 2010, he has run the Science Laboratory at the Walters Art Museum in Baltimore, Maryland, addressing questions surrounding the composition, construction, preservation 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.

Price	Free to awardees; \$20 guests; \$10 students. Payable at event.
12:00 pm	Reception
12:30-1:30 pm	Luncheon
1:30-2:00 pm	Awards Ceremony
2:00-3:00 pm	Speaker Presentation
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

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.

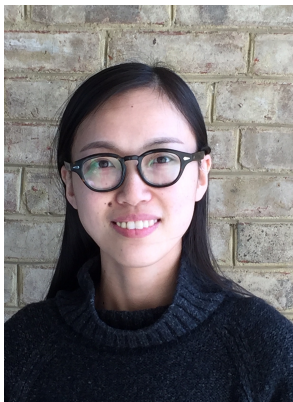
Tour the Heavy Seas brewery & learn how beer is made! Tours last 45 minutes and are open to all ages. The tour includes a souvenir pint glass and beer sampling.

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



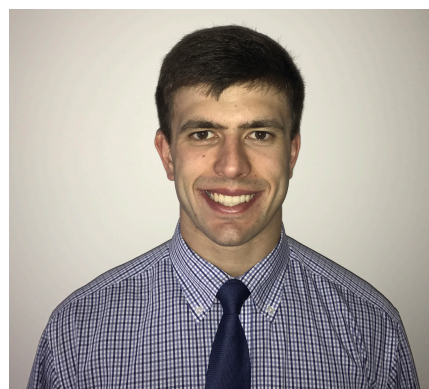
Abisola Olufadeke Iluyomade
Howard Community College



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



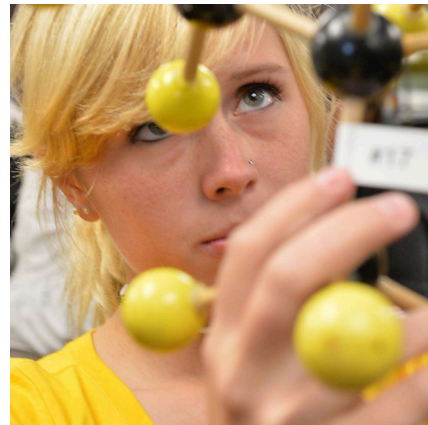
Erika Deppenschmidt
Notre Dame of Maryland University



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



Hao Zhang
Washington College

2017 Maryland Section Event Schedule

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

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

REMINDER: 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.



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