



SEPTEMBER MEETING NOTICE

● TEACHER AWARDS ●
● LAB TOURS ●

Evonik Corporation

Richmond, Virginia

Friday, September 16, 2016

TOURS AND RECEPTION: 5:00 p.m.
Evonik Industries
Business & Innovation
Center
7801 Whitepine Road
Richmond, Virginia 23237

PROGRAM: 7:00 p.m.

MENU: Heavy Hors-d'oeuvres, Beverages

PRICE: \$5.00 per person (no reductions)

RESERVATIONS: Please make reservations by **4:00 p.m. on Monday, September 12** by calling Ryan Stiltner at (804) 727-0811 or by e-mail to ryan.stiltner@evonik.com **NOTE: Space is limited — make your reservations early!**

HOST: Mr. Ryan Stiltner, (804) 727-0811, ryan.stiltner@evonik.com

SPEAKER: **Dr. Justin Heuser**, Evonik Corporation

TOPIC: "Surfactants in Agriculture"

SEPTEMBER 2016

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11	12	13	14	15	16	17	
	reservations due				meeting		
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25	26	27	28	29	30		

◆◆◆ PRESENTATION OF TEACHER AWARDS ◆◆◆

Dr. Justin Heuser



Dr. Justin Heuser has been with Evonik since January of 2014. He is currently the Group Leader for the Agriculture team at Evonik for the Americas region. In this position, Justin directs project activities related to new developments, customer solutions, and new business opportunities. Prior to this role, he worked as a Scientist developing novel formulations using Evonik specialty additives. Justin holds a BS Degree in chemistry from Bradley University in Illinois and a PhD in analytical chemistry from Miami University in Ohio. The bulk of his research in graduate school was in evaluating materials using Terahertz Spectroscopy. Before coming to Evonik, he worked at Syngenta in Greensboro, NC, for almost six years. His roles included analytical chemist, formulation chemist, and product chemistry specialist. As an active member in the chemistry field, Justin has been an ACS member since 2008.

“SURFACTANTS IN AGRICULTURE”

It is an accepted and common prediction that the global population will reach nine billion by the year 2050. Demands on food, feed, and fuel will increase to accommodate this number of people. To ensure enough quality produce, grain, meats, poultry, fibers, etc. are available, agricultural practices must be optimized. There is a vast spread of formulation types which are comprised of an ever-growing list of pesticide-active ingredients.

Herbicides control invasive weeds, fungicides prevent damage from disease, and insecticides mitigate root and leaf attacks. When applied during optimal environmental conditions, these pesticide formulations are quite effective. However, during excessive rain, prolonged drought, and less favorable weather, these materials are subject to being washed off or being rendered ineffective. Special surfactant chemistries are available to enhance the application properties and boost pesticide performance. Depending on the geographical climate and weather patterns, appropriate adjuvant products can be selected to facilitate efficacy.



TOURS OF THE EVONIK BUSINESS & INNOVATION CENTER



The September 16 meeting will feature tours of the new Business & Innovation Center at Evonik Corporation. The tours will begin at 5:00 p.m. Note that space is limited for this meeting. **Make your reservation early!**

THE DISTINGUISHED ELEMENTARY SCHOOL SCIENCE TEACHER AWARD**Lynette Bates**

Lynette Bates was born and raised in Virginia Beach, Virginia. She knew early on that she wanted to be a teacher. Watching challenged students placed in the back of the classroom with paper and crayons didn't seem right – there had to be a better way to reach all students. So, Lynette enrolled in and graduated from Old Dominion University with an education degree and moved to Marshall, Virginia to begin her teaching career.

In Marshall, Lynette created Young Explorations Preschool (YEP) to serve children in Pre-K thru Kindergarten. It has been her philosophy that we don't have to teach young children how to wonder, discover, and explore through play because they do it naturally. Science is just an extension of their everyday world. Implementing this philosophy, she owned and taught at YEP for 12 years.

While operating YEP, Lynette organized her church's children's choir and youth activities. Also, she was instrumental in organizing her local pool's swim team. She organized and coached Odyssey of the Mind (OM) teams in Fauquier County elementary and middle schools. OM is a national and international program that encourages spontaneous and long term problem solving, collaboration, and divergent thinking while building confidence and skills of its participants. Lynette's teams competed at regional and state levels.

In 1995, Lynette joined the staff of Wakefield School in The Plains, Virginia where she has taught Science and English for 21 years. During that time, she organized and directed an environmental education partnership between Wakefield School and Environmental Studies on the Piedmont. This partnership created and delivered meaningful environmental science and experiential-learning activities—real science outside the classroom.

At Wakefield School, Lynette chairs the Lower School Science Department. She has helped organize the Lower School Greening Program and Outdoor Classroom to generate student excitement of learning through the world. Through STEM learning, science becomes a joyful experience for girls and boys of all ages. Even the youngest students are encouraged to explore, investigate, observe, ask questions, and predict outcomes.

While at Wakefield School, Lynette co-chaired the Ten Year VAIS Accreditation Process, which ensured compliance with the five major categories of VAIS standards: philosophy and mission, community of the school, instruction and program, professional personnel, governance and administration.

Lynette has been married to her husband, Jeffrey Bates, for forty-four years. Together they raised two children and now have five grandchildren. Her greatest joy is spending time with her family, gardening, and, of course, teaching.

THE DISTINGUISHED MIDDLE SCHOOL SCIENCE TEACHER AWARD**Lisa Winn**

Lisa Winn grew up in Midlothian, Virginia and attended Midlothian High School. She then attended the University of Virginia where she earned a BA in American Government. She also earned a Masters in Teaching Middle Education from Virginia Commonwealth University in 1996. After falling in love with teaching Science in her Masters' Program, Lisa began teaching Science in the City of Fredericksburg and then Spotsylvania County. She has now been a middle school Science teacher for twenty years.

Lisa Winn was recognized as the Spotsylvania County Teacher of the Year in 2012. She also became the Liaison for Elementary Science three years ago. In this position she shares her knowledge and love for Science by coordinating professional development and other support for elementary science teachers in Spotsylvania County. Lisa is also the Athletic Director, 8th Grade Team Leader, Science Department Chair and NJHS sponsor at her middle school.

Lisa's Science classroom is Student Centered where she practices both Blended Learning and Station Teaching. Her students engage in Science. They gather information, collect data and draw conclusions on a daily basis. Her Science classroom is an exciting and inviting place where students are expected to own their learning process.

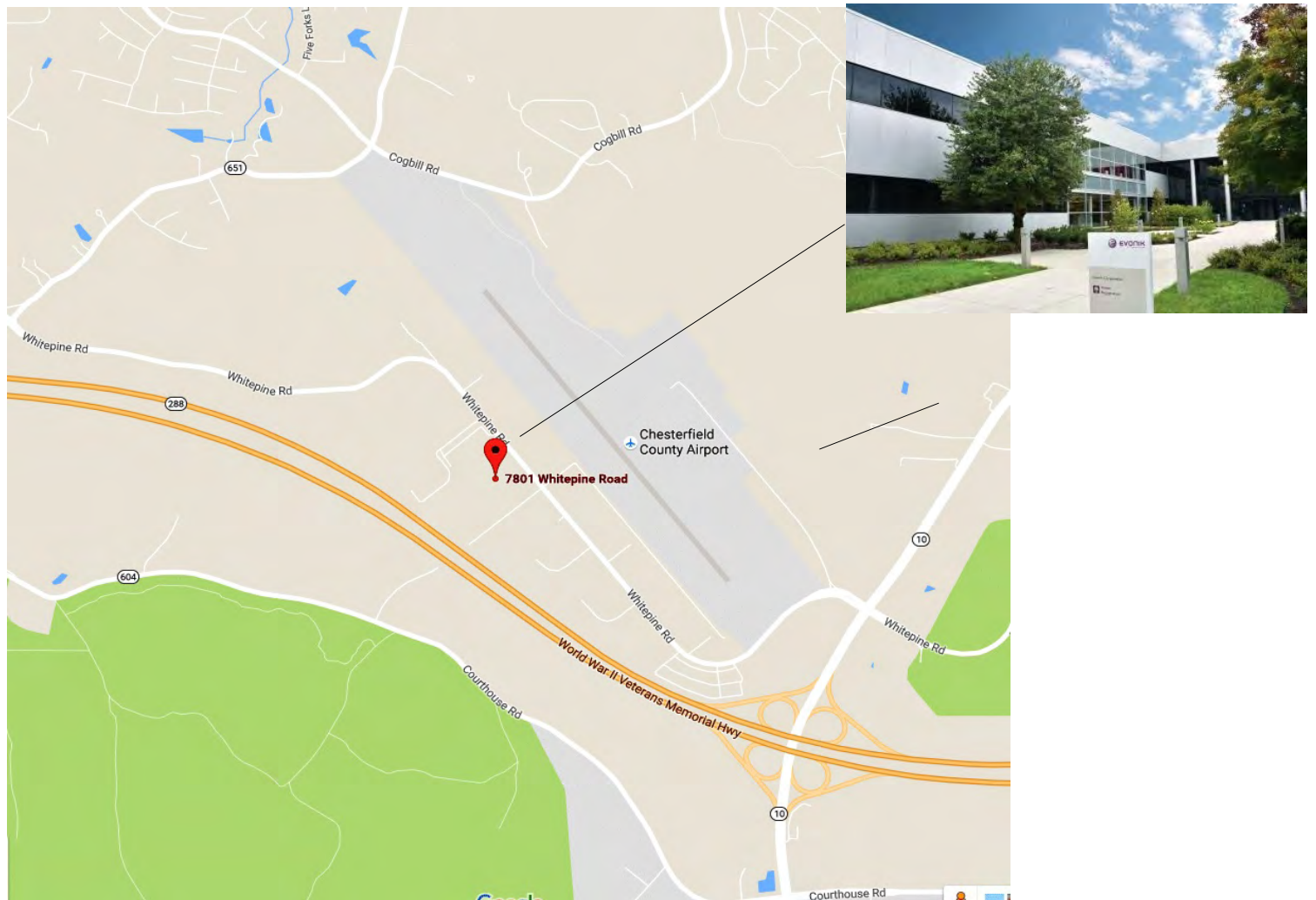
Lisa also enjoys reading, painting and thrift store adventures in her free time. She currently lives in Ruther Glen, VA with her husband, Richard and four kids; Haley (18), Cole (16), Cardyn (15) and Jorgia (12).

THE FRANKLIN D. KIZER DISTINGUISHED HIGH SCHOOL CHEMISTRY TEACHER AWARD**Maria Klein**

Maria Klein has been teaching chemistry for the past 10 years at Clover Hill High School in Chesterfield County. Courses that she has taught so far include Chemistry, preAP Chemistry, AP Chemistry, and Organic Chemistry. She tremendously enjoys sharing her passion for chemistry with her students, hoping to motivate many of them to pursue a chemistry related career. She constantly improves, tweaks and adds to her lessons to keep them engaging, challenging and inspiring for her students. Maria was born and raised in Germany. She attended the University of Applied Sciences in Aachen, Germany and graduated with a degree in chemical engineering. She worked in the

chemical industry for several years until her family immigrated to the U.S. The entire Klein family loves chemistry; her husband Ralf also holds a degree in Chemical Engineering, as well as their daughter Dana who just graduated from VCU with a double major in Chemical Engineering and Chemistry. Dana continues her education at Case Western Reserve, Cleveland, OH in the field of Polymer Sciences. Maria launched the ACS ChemClub at Clover Hill High School which had a record membership of 29 students this past school year. The ACS ChemClub members greatly appreciate all the lab experiments that they conduct during their meetings as well as occasional guest speakers who share their career experiences with this captivated audience. Maria also organizes Clover Hill High School's participation in the ACS Chemistry Olympiad. Her students' enthusiasm for chemistry serves as Maria's motivation to strive being the best chemistry teacher that she can be.

MAP



DIRECTIONS

The Evonik Business & Innovation Center is located at 7801 Whitepine Road in North Chesterfield. It is off Route 288, near the Chesterfield Airport. Enter at the main entrance (this will be the first entrance on the left as you are coming from Route 10, Iron Bridge Road).

From the North via I-95 - Take I-95 South toward Richmond. Merge onto I-195 at EXIT 79 toward the Powhite Parkway/US-60/US-360 West. Keep left to take VA-76 toward the Powhite Parkway/VA-150/US-60/US-360. Merge onto VA-150, Chippenham Parkway, South. Merge onto VA-10, Iron Bridge Road, toward Chesterfield. Turn right onto Whitepine Road (toward the Chesterfield Airport). Keep left on Whitepine. The entrance to Evonik will be on the left.

From the South Via I-95 - Take I-95 North toward Richmond. At Chester, merge onto VA-288 North at EXIT 62 toward Chesterfield/Powhite Parkway. Merge onto VA-10, Iron Bridge Road West, toward Richmond. Turn left onto Whitepine Road (toward the Chesterfield Airport). Keep left on Whitepine. The entrance to Evonik will be on the left.

From the West Via I-64 - Take I-64 East toward Richmond. Merge onto VA-288 South at EXIT 175 toward Chesterfield. Merge onto VA-10, Iron Bridge Road West, toward Richmond. Turn left onto Whitepine Road (toward the Chesterfield Airport). Keep left on Whitepine. The entrance to Evonik will be on the left.

***** VIRGINIA SECTION NEWS *******THE CHAIR'S CORNER**

I am excited about the amazing fall activities that we have planned for the section. In addition to our monthly meetings, we are hosting a long-term strategic planning workshop in September. There is an old Haudenosaunee saying that “in our every deliberation, we must consider the impact of our decisions on the next seven generations.” I believe this strategic planning event will drive many years of strength and growth for our section. Our WCC and YCC committees have been busy planning two career events for September and October. Our section members are participating in the National meeting and in our regional SERMACS, and before you know it our National Chemistry Week events will be in full swing. We are a dedicated and award winning section! Even with all of these successes, I believe that

we can do more. We received lots of great suggestions from members who completed our last survey. My first thought was “How are we going to ramp this up and get some of these ideas into play with all that we are already doing?” I then remembered that we have more than 1300 members in our section. As we finish the last half of the calendar year and launch into the beginning of another school year, I would like to challenge each of our members to volunteer. If you already have a role in the section, thank you for all you have done! If you don't already have a role, consider running for an office, volunteering to chair or be a member of a committee. If you have a great idea, or something you would like to see the section achieve, volunteer to drive that idea and help make it a reality. Let's take this section to the next level and prepare for a future of a chemical enterprise that will benefit the next seven generations.

...Denise Walters, 2016 Section Chair - denise.walters@pfizer.com

OCTOBER MEETING OF THE SECTION

DATE: **October 14, 2016**

LOCATION: Bridgewater College
Bridgewater, Virginia

HOST: Dr. Joseph Crockett

PHONE: (540) 828-5431

E-MAIL: jcrocket@bridgewater.edu

SPEAKER: **Dr. Karen Wustholz**, College of William and Mary

TOPIC: “Investigating Fugitive Organic Pigments in Art: Impact of Structure on Photochemistry”

**MEETING OF THE VIRGINIA SECTION EXECUTIVE COMMITTEE**

The Executive Committee of the Virginia Section will meet at 4:00 p.m. on Friday, September 16 at Evonik Industries, Richmond. There will be a limited agenda—no formal reports are required by Section officers or committee chairs. For more information and to add items to the agenda, contact Denise Waters, Section Chair, at denise.waters@pfizer.com; (804) 257-2828.

EVONIK INDUSTRIES

Evonik is one of the world's leading specialty chemicals companies and a global leader in innovation. The central elements of the company's strategy for sustained value creation are profitable growth, efficiency, and values. Around 80 percent of sales come from market-leading positions, which are systematically being expanded. They concentrate on high-growth megatrends, especially health, nutrition, resource efficiency, and globalization. Evonik is active in over 100 countries with production plants in 24 countries. In 2015, Evonik's more than 33,500 employees generated sales of around \$15 billion. There are about 2,700 R&D staff working at more than 35 locations globally.



North America is a key region for Evonik, which has manufacturing plants and research and development facilities strategically located across the region. Products include a range of speciality chemicals that are used in diverse product lines across a broad set of industries. These include high-performance polymers that are used in spinal column implants, active pharmaceutical ingredients, feed additives to supplement animal nutrition, and functional silanes that repel water and protect against graffiti and corrosion. While the company's two largest plants are in Mobile, AL and Lafayette, IN, there are more than 20 additional production sites, research and development labs, and distribution centers in the United States, Canada, and Mexico. About 3,800 of Evonik's employees are in North America.

The Evonik Nutrition & Care site in Hopewell, Virginia, with over 100 employees, produces a variety of ingredients used to make well-known consumer offerings such as cosmetics, shampoos, car care products, polishes and additives for polyurethane foams, in addition to industrial products used in agriculture, coatings, and metalworking.

The newest addition to the region is the Evonik facility in Richmond. The company invested more than \$15 million in its new Richmond Business & Innovation Center and has created many new jobs which are estimated to reach 50 positions over the next five years. The Center, which opened in 2015, allows Evonik to expand its current operations in the Greater Richmond area with new research and development work critical to the continued success of the company's consumer specialties business.



Evonik is honored to partner with the Virginia section of the American Chemical Society to help sponsor the September meeting at its facility in Richmond.

The company is pleased to have the elementary, middle school, and high school teaching awards at the facility and is providing tours of the Business & Innovation Center. This meeting is a testament to the service leadership of the employees of the Richmond Business & Innovation Center.

The Virginia Section greatly appreciates the assistance of the Evonik Corporation in providing the site and speaker for the September meeting and for allowing members and guests to tour their Business & Innovation Center. Special thanks for their generous contribution for the food and drink at the Reception.

VIRGINIA SECTION ACTIVITIES

Here is a schedule of upcoming events for the Virginia Section.

September 8 - **Happy Hour Event**, Citizen Burger Bar, 2907 W. Cary St. (Carytown), Richmond, sponsored by the Younger Chemists Committee (YCC)



September 16 - **Section Meeting**, Evonik Corporation, Richmond (see page one); Meeting of the **Executive Committee** at Evonik

September 29 - **Chemistry Career Discussion Panel**, University of Richmond, sponsored by the Women Chemists Committee (WCC) and the W. Allan Powell Lectureship at the University of Richmond

October 1 - **Career Development Workshop**, College of William & Mary, Williamsburg, sponsored by the Younger Chemists Committee (YCC), the Hampton Roads Section of the ACS, and the William & Mary Chemistry Club

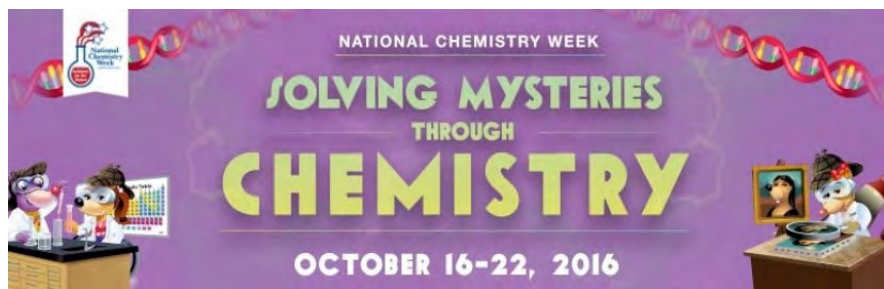
October 11 - **Program in a Box**, Pfizer Consumer Healthcare, Richmond, sponsored by the Younger Chemists Committee (YCC)

October 14 - **Section Meeting**, Bridgewater College, Bridgewater - Dr. Kristin Wustholz

October 20 - **National Chemistry Week** (NCW) program at West Rock, sponsored by the WCC and by the West Rock Women of Science and Engineering

November - **Section Meeting**, University of Mary Washington, Fredericksburg (date and program to be announced next month)

NATIONAL CHEMISTRY WEEK — 2016



National Chemistry Week (NCW) will be celebrated October 16-22 this year. The NCW 2016 theme of “**Solving Mysteries Through Chemistry**” will focus on forensic chemistry. This year’s NCW activities will include the popular Illustrated Poem Contest and an NCW Community Event. There will be a special edition of the kid-friendly hands-on activity publication *Celebrating Chemistry*, and a variety of other educational resources for teachers, students, and the general public. Visit the NCW website at www.acs.org/ncw for more information on national activities.

The Virginia Section is planning to celebrate National Chemistry Week with some special activities. (See below for an event at West Rock.) Anyone who would like to participate or who has suggestions for ways to celebrate NCW can contact Dr. Kristine Smetana, Chair of the Section’s Community Activities Committee, at kristine-chris@msn.com.

STRATEGIC PLANNING FOR THE VIRGINIA SECTION

The Virginia Section is undertaking a long-term strategic planning project. The goal is to develop a plan that will align the activities of the Section with the vision, mission, and strategic plan of the national ACS. The ACS has provided funds through a Leadership Grant to assist with the development of a new strategic plan. The 15 members of the Strategic Planning Committee will meet on September 10 and 11 to initiate the strategic planning process. As part of this effort, a brief survey was distributed by the ACS Research Team to Section members via email. The results will be used to better understand the needs and preferences of Section members. For more information on the Strategic Planning Committee or to provide input into the planning process, contact **Dr. Denise Walters**, Chair of the Section: (804) 257-2828; denise.walters@pfizer.com

YCC HAPPY HOURS

On April 27, the Younger Chemists Committee (YCC) held a Happy Hour event at Ardent Craft Ales with six ACS members and four guests in attendance. The event allowed networking among members and guests from different industries. The next YCC Happy Hour will be on **September 8** at the Citizen Burger Bar in Carytown:

YCC Happy Hour

September 8, 2016, 5:30 p.m.

Citizen Burger Bar

2907 W. Cary Street, Carytown

Richmond, VA 23221

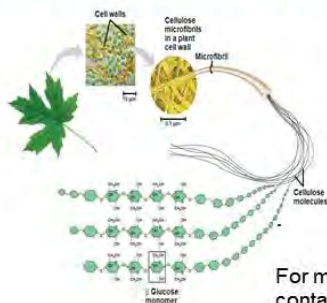
rsvp: margarethill.roszel@pfizer.com

COME AND BRING A FRIEND!

You're invited to celebrate...

National Chemistry Week

Solving Mysteries Through Chemistry



Hands on Activities!

Free Event open to all
Middle School Students

For more details and to register,
contact maria.szajda-lam@westrock.com

WestRock
501 S. 5th St
Richmond, VA

Thursday
October 20, 2016

3 pm – 5 pm

Please RSVP by
September 15, 2016
Maria Szajda-Lam
maria.szajda-lam@westrock.com



Hosted by:

**Virginia ACS Women Chemists Committee &
WestRock Women of Science and Engineering**

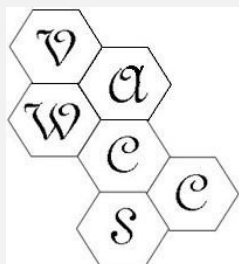


PROGRAM IN A BOX

An ACS "Program in a Box" will be held **October 11** from 6:30 until 8:00 p.m. at Pfizer Consumer Healthcare, 1211 Sherwood Avenue, Richmond, VA. The topic will be "The Chemists Code for Success: 3 Essential Skill Sets for Your Career." Light refreshments will be served. Contact Heather Lourenco if you plan to attend: heathernlourenco@gmail.com. Sponsored by the Younger Chemists Committee (YCC).



WOMEN CHEMISTS COMMITTEE CHEMISTRY CAREER PANEL



6:30 p.m.

Thursday, September 29

**University of Richmond
Richmond, VA**

This is the 8th annual Chemistry Career Discussion Panel for undergraduate students interested in the chemical sciences. The event is sponsored jointly by the Women Chemists Committee and the Powell Lecture Series at U of R. Light refreshments will be served beginning at 5:30 p.m. Speakers representing chemistry careers in a variety of fields will share their career stories and answer questions. All interested students are invited. For more information, directions, and information on parking, contact Emma Goldman at egoldman@richmond.edu.

PRESENTATIONS BY SECTION CHAIR



On February 9, 2016, ACS Virginia Section Chair Denise Walters gave a presentation to the Richmond Chapter of the American Society for Quality (ASQ). The meeting was held at Vietnam Garden on Broad Street in Richmond, Virginia. The title of her talk was "Professional Development through Volunteerism." In her presentation, Dr. Walters shared some of the things that she gained from volunteering in the American Chemical Society. She also included a number of photographs from the *Bulletin* and shared quotes from other members of the section telling the benefits that they received from volunteering. She spoke for about 45 minutes and then answered questions. The presentation was well received. She gave the same talk at Pfizer Consumer Healthcare on May 12, 2016.

The YCC of the Hampton Roads and Virginia Sections of the American Chemical Society

invite you to

The Virginia Science Career Development Workshop

With special guest speaker

Dr. Aaron Pawlyk, Program Director

Division of Diabetes, Endocrinology, and Metabolic Diseases

NIH National Institute of Diabetes and Digestive and Kidney Diseases

Saturday, October 1, 2016

12pm – 5:30pm

College of William and Mary

Integrated Science Center

540 Landrum Drive, Williamsburg, VA



This event is tailored to both students and young professionals in the chemistry fields. Activities will include a networking lunch, keynote speaker, career panel Q&A, and breakout sessions. Registration is now open at

<https://www.eventbrite.com/e/the-virginia-science-career-development-workshop-registration-27002061894>

For more information, contact Benjamin Lasseter, Hampton Roads Chair-elect (Benjamin.lasseter@cnu.edu) or Heather Lourenco, Virginia Section Coordinator (heathernlourenco@gmail.com).

CHEMISTRY SEMINARS AT VIRGINIA COMMONWEALTH UNIVERSITY

Sept. 1 - **Dr. Natalie Herring**, Johnson Matthey, "SO_x Reduction Additives for Fluid Catalytic Cracking"

Sept. 15 - **Dr. Indika Arachchige**, Virginia Commonwealth University

Sept. 22 - **Dr. Fernando Luna**, Center for Technical Assistance to Industry

Oct. 6 - **Dr. Magid Abou-Gharbia**, Temple University (J.D. Smith/Larry Winters Lecture)

Oct. 13 - **Dr. Renee Cole**, University of Iowa

Oct. 27 - **Dr. Channa De Silva**, Western Carolina University

Nov. 3 - **Dr. Michael T. Bowers**, University of California, Santa Barbara (John B. Fenn Memorial Lecture)

Nov. 10 - **Dr. Luke Arbogast**, National Institute of Standards & Technology

All seminars are held in Oliver Hall-Physical Science Wing, Room 1024 at 3:30 p.m.

NOMINEES FOR 2017 SECTION OFFICERS

Dr. Todd Koch, Chair of the Nominations Committee, has announced the following slate of officers for the Virginia Section in 2017:

Chair - Colleen Taylor
Chair Elect - Kathleen Sink
Vice Chair - Joe Pompano
Secretary - Christine Farthing
Treasurer - Thaddeus S. (Thad) Hannel
Councilor - Ann Sullivan
Alternate Councilor - Janet Asper
Trustee - Phil Burks

Ballots will be provided to all active members of the Section in October. More information on the nominees will be in the October *Bulletin*.

VIRGINIA ACADEMY OF SCIENCE FALL UNDERGRADUATE RESEARCH MEETING

Saturday, October 29, 2016
9:00 am - 4:00 pm

VIRGINIA UNION UNIVERSITY
Richmond, Virginia

more information: www.vacadsci.org

CHEMISTRY SEMINARS AT THE UNIVERSITY OF VIRGINIA

- Sept. 9 - **Professor Cassandra Fraser**, University of Virginia, "Luminescent Boron β -Diketonate Materials for Imaging and Sensing"
- Sept. 13 - **Dr. David Peake**, Thermo Scientific, Discovery Lipidomics Workflows Enabled by High Resolution Orbitrap Mass Spectrometry and LipidSearch Software"
- Sept. 16 - **Professor Damian Young**, Baylor College of Medicine, "Expanding Small-Molecule Diversity for Discovering Novel Probes and Therapeutics"
- Sept. 19 - **Professor Jun Liu**, McGovern Medical School, "3D Visualization of Bacterial Type III Secretion Machines *in situ*" (Seminar will be in Snyder 314 at 4:00 p.m.)
- Sept. 30 - **Professor Sabre Kais**, Purdue University, "Quantum Information and Computation for Chemistry"
- Oct. 7 - **Professor Tijana Grove**, Virginia Tech

Oct. 14 - **Professor Cameron Mur**, University of Virginia, "Biomolecular Structure, Dynamics, & Function Two Ways: RNA Biology, and Cellular Adhesion"

Oct. 21 - **Professor Kevan Shokat**, University of California, San Francisco (Burger Lecture)

Oct. 28 - **Professor Corey Stephenson**, University of Michigan

Nov. 4 - **Professor Wayne Hubbell**, University of California, Los Angeles

Nov. 11 - **Professor Christopher Love**, Massachusetts Institute of Technology

All seminars, unless noted otherwise, are held at 4:00 p.m. in Room 304 of the Chemistry Building

REPORT ON THE 2016 CHEMISTRY OLYMPIAD

Thirteen schools participated in the 2016 Chemistry Olympiad with over 250 students nominated to take either the first year or the second year exam. From the 13 schools, five schools were put into the small school category with less than 600 student enrollment (including two governor's schools), while the remaining were classified as large schools. Some students competed in the first-year competition and others in the second-year competition. The results for each test are given below. At each school, the student with the highest score within each class received a National Olympiad pin. The following students were the highest scorers from each participating school. Many schools have more than one teacher participating; the highest student score for each teacher is listed (teacher names in parentheses). Teachers from each school also received a pin. School and team awards will be listed in the October Bulletin.

School	First Year	Second Year
Albemarle High School	Melinda P. Hicks (Oliver); Hailey Lorraine Greenstone and Rahim M. Zaman (Peters); Natalie Li (Farabaugh); Erin A. O'Hara (Counterman)	Yu (Emily) Han (Beardsley); Tyler Austin Petrell (Farabaugh)
Harrisonburg High School		Seth Bonrager (Smith)
James River High School	Isabelle G. Anderson (Back); Luke Thomas Varley-Turyman and Bryce Camden Hall (Edwards)	Eric R. Blosser (Brunyansky)
James W. Robinson Secondary School		Alexander C. Lin (Stromwell)
Jamestown High School		Lehman Montgomery III (Cosby)
Patrick Henry High School	Sarah E. Thornbloom (Buckalew); Evan L. Phaup (Embry)	Emily Victoria Chase Cannon and Sarah G. Prunty (Embrey)
Prince Edward County High School		Henry Lutz (Lutz)
Prince George High School		Bennett Buetow (Moore)
St. Stephen's & St. Agnes School	John M. Dewhurst (Oakes); Christopher B. Rainey (Fusina)	James P. Wilusz (Oakes)
The Covenant School	Hanzhi Yang (Jenkins)	
The Governor's School of Southside Virginia at Keysville	Bobbi Joe E. Corwile (Hamilton)	Alena Latysheva and Helen Lin (Poling); Demory M. Williamson (Hamilton)

The Governor's School
of Southside Virginia
at Alberta

Brendon C. Moseley (Williams)

Mary Preston Reed (Williams)

The Steward School

Christopher Kenneth Frydenborg
and Jessica Anne Jordan (Kovach)

Morgan Elizabeth Van Develaar
(Kovach)

Over twenty students were invited to fill the eleven slots for the National Olympiad exam that was given on April 23, 2016 at James Madison University in Harrisonburg. No more than two students can participate from each school and each student must be a U.S. Citizen or hold a green card to be eligible for the IChO study camp. ACS members Linnette Watkins and Thomas DeVore sponsored the National Olympiad exam.

Of the following students who were nominated, seven students participated in the National Exam:

Albemarle High School - Yu (Emily) Han*, Emily Zhihua Lin*, Tyler Austin Petrell, Jefferson Bryton Sesler, and Ishpreet Singh

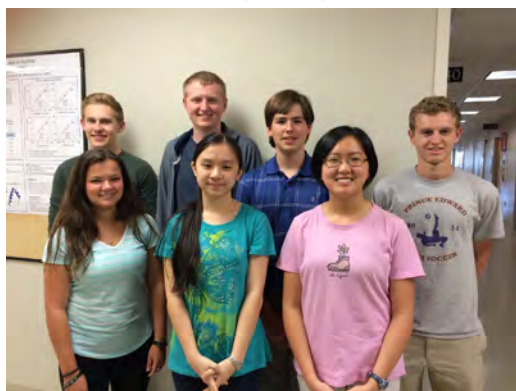
James River High School - Eric R. Blosser, Allison Andrews*, Paige M. Kobza, and Clara Lloyd Falls

Prince Edward High School - Henry M. Lutz*, Colton J. Sheehan*, Kait E. Hosmer, and Ratib M. Stwodah

Prince George High School - Bennett C. Buetow* and Samuel A. Mellichampe*

St. Stephen's & St Agnes' School - James P. Wilusz and Sterling Gilliam III

* students who participated in the National Olympiad Examination



Students who took the National Chemical Olympiad Examination

The students with the three highest scores from all participating schools, separated by category and by test, received gift certificates (first place \$50, second place \$25, and third place \$10). Those students who took the National Chemistry Olympiad exam also received \$50 certificates.

First Year Chemistry Olympiad Local Examination Results

Small School and Governor's School Category:

First (\$50) - Hanzhi Yang - The Covenant School

Second (\$25) - John M. Dewhurst - St. Stephen's & St. Agnes' School

Third (\$10) - Brendan C. Moseley - The Governor's School of Southside Virginia at Alberta
- Christopher Kenneth Frydenborg and Jessica Anne Jordan - The Steward School

Large School Category:

First (\$50) - Natalie Li - Albemarle High School

Second (\$25) - Elias J. Schweller - Albemarle High School

Third (\$10) - Aiden S. Hesselroth, Max J. Sun, and Derek K. Tao - Albemarle High School

Second Year Chemistry Olympiad Local Examination Results

Small School and Governor's School Category:

First (\$50) - James P. Wilusz - St. Stephen's & St. Agnes' School

Second (\$25) - Sterling Gilliam III - St. Stephen's & St. Agnes' School

Third (\$10) - Demory M. Williamson, Alena Latysheva, and Helen Lin - The Governor's School of Southside Virginia at Keysville

Large School and Governor's Schools Category:

First (\$50) - Henry Lutz - Prince Edward County High School

Second (\$25) - Yu (Emily) Han - Albemarle High School

Third (\$10) - Emily Z. Lin - Albemarle High School

SERMACS 2016
October 23-26, 2016
Columbia, SC
www.sermacs2016.org

Make your Hotel Reservation NOW

Reserve a room at one of the following hotels and reference the Group Code - ACS
Hilton Columbia Center @ \$159.00 Hampton Inn Columbia @ \$155.00

SERMACS 2016 will feature NOTABLE SPEAKERS

Martin Chalfie - 2005 Nobel Chemistry Laureate Scholars

Harry Gray - 1991 Priestley Medal

Miguel Garcia-Garibay - 2015 ACS Arthur C. Cope Scholar

Will Dichtel - 2013 Cope Scholar and 2015 MacArthur Genius Award

Luis Campos - 2016 ACS Arthur C. Cope Scholar

More information on the [SERMACS 2016 website](http://www.sermacs2016.org)

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