NOTE: This will be a virtual meeting. You may participate via Zoom. See instructions on Page 4 below.

PRE-MEETING SESSION: 6:00 pm - presentation on Virginia Section awards and recipients

PROGRAM: 6:30 pm - Awards Program

MEETING SPONSOR: Awards Committee, Virginia Section, ACS

MEETING HOSTS: Vanessa Lopez, Kathleen Spangler, Yezdi Pithawalla

ZOOM HOST: Vanessa Lopez, vanessa.f.lopez@altria.com

VIRGINIA SECTION AWARDS:
- Team Innovation Award - Medicines for All Institute
- Distinguished Service Award - Dr. Janet Asper

SPEAKERS:

Dr. B. Frank Gupton, Medicines for All Institute, “Access to Global Healthcare in a Post-Pandemic World”

Dr. Janet A. Asper, University of Mary Washington - “It’s All About Connections”
TEAM INNOVATION AWARD

Medicines for All Institute

The Medicines for All Institute (M4ALL), based at Virginia Commonwealth University's College of Engineering in Richmond, Virginia, is committed to improving access to high-quality medications across the globe by driving down production costs. M4ALL optimizes active pharmaceutical ingredient (API) production and provides access to manufacturers around the world to enhance the security of medicine supply chains. M4ALL was founded in 2017 with funding from the Bill & Melinda Gates Foundation. Dr. B. Frank Gupton is the Chief Executive Operator of the Institute. Dr. Kai Donsbach is the Chief Operating Officer and Ms. Marianne Vermeer, MBA, is the Chief Business Officer.

M4ALL’s manufacturing optimization process has the potential to significantly impact the pharmaceutical supply chain. For the generic drug marketplace, tight margins and high barriers to entry deter new competitors. This is especially true for manufacturers of global health treatments, where margins are typically even more constrained. M4ALL strives to reduce costs, increase efficiencies, and provide technical innovation, giving several competitive advantages in an already challenging marketplace. Additionally, M4ALL’s green chemistry and reduced waste generation cuts manufacturing costs and helps meet the standard of government regulations. This methodology also can be applied to brand, or in development treatments where there may be significant opportunities to reduce costs and where improving accessibility is critically important. These significant economic and environmental benefits together can lower global health costs and expand patient access, while reducing manufacturing costs and waste.

As a research-related institute within a university, M4ALL strives to educate and train the next generation of chemists and engineers by imparting the principles and foundations of innovative modeling that will lead to affordable, high-quality medicines. This approach allows our students to design processes with immediate impact on global health and to expand the workforce. M4ALL is currently engaged in partnerships with research institutes and manufacturers in other countries to equip research scientists with the skills and expertise needed to build capabilities to produce medicines in their countries. This would lead to reduced dependence on a few manufacturers around the world and empower a country or region to be self-sufficient in providing high quality health care to its own people.

M4ALL affiliates include MARQMETRIX, the University of Graz, Georgia Tech, Gutenberg Universität, and the Massachusetts Institute of Technology. Over the past several years, Bill & Melinda Gates Foundation projects that the Institute has worked on include several HIV drugs, some COVID-19 medicines, and some tuberculosis entities. M4ALL is working to build a global cluster of advanced pharmaceutical manufacturing in Central Virginia. AMPAC Fine Chemicals, Phlow, and Civica Rx are part of this effort in the Petersburg area.
B. Frank Gupton is the Floyd D. Gottwald, Jr. Chair in Pharmaceutical Engineering and the Chair and a Professor of the Department of Chemical and Life Science Engineering at Virginia Commonwealth University. He is also the Chief Executive Officer and co-founder of the Medicines for All Institute at VCU. He holds a B.S. degree in Chemistry from the University of Richmond, an M.S. in Biochemistry from the Georgia Institute of Technology, and a Ph.D. in Chemistry from Virginia Commonwealth University. He was a Richmond Times-Dispatch Person of the Year Honoree in 2019. Other honors include a Lifetime Achievement Award from the Richmond Joint Engineers Council, an ACS Award for Industrial Innovation, designation as a Hoechst Schultheis Fellow, and the Merle E. Kise Award for Excellence in Industrial Research. His research is focused on the development of new technologies for streamlining organic synthesis, including cross-coupling catalysis flow chemistry and continual chemical processing organic synthesis in pharmaceutical applications.

“ACCESS TO GLOBAL HEALTHCARE IN A POST-PANDEMIC WORLD”

The Covid-19 pandemic has highlighted the supply chain vulnerabilities created from outsourcing activities that have adversely impacted virtually every aspect of the global economy. Dr. Gupton will discuss work by the Medicines for All Institute that is focused on improving access to essential medications across a broad range of disease states including HIV, Malaria, Tuberculosis, and COVID-19. This work highlights the need for multidisciplinary teams working together to address these fundamental health issues that impact all of us.

DISTINGUISHED SERVICE AWARD

Dr. M. Janet A. Asper

Janet Asper is a Professor of Chemistry and the Chairperson of the Department of Chemistry and Physics at the University of Mary Washington in Fredericksburg. She is also the Career Advisor for the department. Dr. Asper holds a B.S. degree in Biochemistry from Ohio University and a Ph.D. in Chemistry from the University of Pittsburgh. She moved to Colorado and started her teaching career as an adjunct instructor at a community college, then progressed through positions as a visiting professor at an open-enrollment state university and a visiting professor at a private liberal arts college. A tenure-track position at the University of Mary Washington brought her to Virginia in 2005, and she has been there ever since. She has risen through the academic ranks, done research for the U.S. Navy, and became Chair of the Department of Chemistry and Physics during the second semester of the COVID pandemic.

Janet is currently serving as a Councilor for the Virginia Local Section of the American Chemical Society. She served as Chair of the Colorado Section in 2001 and has been a member of the Executive Committee of the Virginia Section for more than twelve years. Her service in the Virginia Section includes eight years as an Alternate Councilor and three
years as a Councilor. Also, she was Chair of the Younger Chemists Committee for four years. She has hosted at least twelve meetings of the Virginia Section that were held at the University of Mary Washington. At the University of Mary Washington, she has been an outstanding ambassador for the ACS, encouraging and facilitating student participation in local, Section, Regional, and National meetings and activities.

At the national level of the ACS, Janet served eight years on the Committee on Community Activities (CCA) and was the Chair of the Tools and Training Subcommittee of the CCA for five years. She championed a CCA project to make high quality videos for training volunteers to run demonstrations that are safe, scientifically accurate, and engaging for multiple grade levels and “starred” in at least two of the videos. Janet wrote articles and activities for three issues of the Celebrating Chemistry publication and regularly gives Careers in Chemistry talks, using ACS career materials.

When she’s not on campus, she herds her active family of five, and always finds humor in the most difficult of situations.

“IT’S ALL ABOUT CONNECTIONS”

I’ve been blessed to work at my “dream job” since my mid-twenties. But it’s hard to keep that dream alive over a lifetime. My service to ACS, and the opportunities for connection that it has provided, have helped me to leverage my strengths, follow my interests, and be my authentic self in the often peculiar world of Chemistry in Higher Education.

INSTRUCTIONS FOR ACCESSING THE MARCH 4 MEETING USING ZOOM

The online presentation of the March 4 meeting will use the Zoom format. Ms. Vanessa Lopez is the Zoom meeting host.

Topic: Virginia Section of the American Chemical Society (ACS) - March Meeting 2022

Time: 06:00 PM Eastern Time (US and Canada)

Date: March 4, 2022

Pre-Meeting Session - 6:00

Presentation of Virginia Section awards and talks by Dr. B. Frank Gupton and Dr. Janet A. Asper - 6:30

Use this link to register in advance for this meeting:

https://us02web.zoom.us/meeting/register/tZItfuCqpzItE93sWZ1Wslc8LE71VVv1CEFn

After registering, you will receive a confirmation email containing information about joining the meeting.

If you have problems registering, contact Ms. Vanessa Lopez: vanessa.f.lopez@altria.com, (804) 920-3558.
**PRESENTATION ON SECTION AWARDS**

During the Pre-Program part (6:00 - 6:30 pm) of the Zoom meeting on March 4, there will be a presentation on awards that are given by the Virginia Section of the ACS. These recognize students, teachers, researchers, and members of the Section for their achievements and service. The program will include some of the history of the awards and will list some of the past recipients. It will also include some information on the recipients of the awards that will be presented at this meeting.

**ASHLEY TUBBS NAMED OUTREACH VOLUNTEER OF THE YEAR**

Ashley Tubbs has been named the 2022 Outreach Volunteer of the Year for the Virginia Section. She is a third-year graduate student at Virginia Commonwealth University and an active member of the Virginia Local Section ACS Younger Chemists Committee (VA ACS YCC). In 2020, she helped establish the Eastern US (EUS) YCC Partnership, a collaborative effort between the VA ACS YCC and more than ten other local section YCCs and international organizations. In 2021, Ashley played an instrumental role in advertising and organizing the EUS YCC Partnership’s events, including the popular “A Day in the Life” and the “Self-Care Saturday” series and the week-long “2021 ACS EUS YCC Partnership Virtual Research Symposium and Chemistry Career Expo” that was attended by more than 200 people from across the world. She also helped organized and advertise a “Cooking Chemistry Trivia Night” and the “Spring 2021 Virtual Graduation Celebration” as an alternative to in-person celebrations for Virginia STEM graduates. Ashley’s volunteer activities have greatly increased the scope of virtual programming accessible to younger chemists and fostered collaboration between outreach volunteers. In 2022, she hopes to promote the foundation of ACS student chapters and plan networking and mental wellness events for younger chemists. Outside of her volunteer activities, Ashley enjoys reading, hiking the James River, and testing new recipes for her soon-to-be home bakery.

*Ashley Tubbs*
Hello! As we all know, time waits for no one and we’ve hit the ground running thus far for 2022. This month’s post will predominantly be focused around thanking and celebrating our wonderful section members and leaders.

The Executive Committee met on January 29th, 2022 to discuss reports encompassing last year’s activities, talk about plans for the remainder of this year, and approve the 2022 budget. Not long after, several leaders met to prepare the section’s Annual Report. Thank you to everyone involved. I also want to take a moment to thank Dr. Raymond Dominey for hosting yet another successful W. Allan Powell Lectureship through Zoom.

On March 4th, we will have the section’s annual Awards Meeting. Congratulations to this year’s award winners: Dr. Janet Asper for the Distinguished Service Award and Medicines for All for the Team Innovation Award! Congratulations to the Outreach Volunteer of the Year for 2021, Ashley Tubbs! Thank you to Dr. Yezdi Pithawalla and Mrs. Kathleen Spangler for chairing the Awards Committee and organizing the upcoming Awards ceremony. Congratulations and thank you to our ChemLuminary superstars - Dr. Julian Bobb, Dr. Kristine Smetana, and Dr. Charlene Crawley, and to everyone else involved in Chemluminary projects! The Section won four national ChemLuminary Awards last year.

A special thank you to our continuing section members. We’ve managed to stay engaged through virtual platforms and are continuing to monitor the COVID-19 landscape. We hope that this is the year when we can begin to pursue potential hybrid programming in order to stay engaged while keeping our members safe. We will also be looking for chairs for several section committees such as the Women Chemists Committee and the Archives Committee, and some more at-large members of the Executive Committee. Feel free to contact me if you have any questions on how to get involved. Also, please visit our website: Virginia Section of the American Chemical Society (acsva.org) for the latest information about the Virginia Section.

Warm regards,

Vanessa Lopez, 2022 Virginia Section Chair – Vanessa.F.Lopez@altria.com

REPORT ON THE JANUARY MEETING OF THE SECTION

The January 28 meeting of the Section was the annual W. Allan Powell Lectureship, jointly sponsored by the Chemistry Department at the University of Richmond (U of R) and the Virginia Section of the ACS. It was held in a virtual format using the Zoom platform and was organized by the University of Richmond with Dr. Raymond Dominey, Associate Professor of Chemistry at U of R as the host. Over 70 persons participated in the Zoom meeting. The Zoom meeting began with an enlightening Pre-Meeting Session that presented an informative video on the University of Richmond, science programs at the University, including
the Department of Chemistry, and the facilities of the Gottwald Science Center. It included a
brief history of the Powell Lectureship and some information on the late Dr. W. Allan Powell,
for whom the Lectureship is named. Dr. Powell served the University of Richmond for 34
years and was the chair of the Chemistry Department for 23 years. The Powell Lectureship
was established in his honor. Since 1988, 35 outstanding speakers have presented Powell
Lectures. The Virginia Section has co-sponsored the lectures since 1990. The Pre-Meeting
presentation provided information on many of the speakers and included photographs of
speakers and of Allan and members of his family. There was also an engaging video clip of
Nobel Laureate John B. Goodenough interacting with some University of Richmond
students during his visit to campus for the 2018 Powell Lectureship. Thanks to Raymond
Dominey and his colleagues at the University of Richmond for putting together this
outstanding video show.

Dr. Dominey introduced Dr. Daniel Palazzolo, Interim Dean of the School of Arts and
Sciences at the University of Richmond. Dr. Palazzolo welcomed all the participants to the
meeting and acknowledged some of Dr. Powell’s relatives. He thanked Dr. Dominey and
Fred Hagemeister from Information Services for preparing the outstanding video.
Dr. Palazzolo noted that Dr. Stephen Buchwald, this year’s Powell Lecturer, is scheduled to
visit the campus on March 25 for more interaction with U of R students and faculty, and with
scientists and other persons from the area. After some comments on Dr. Powell and the
Powell Lectureship series, Dr. Palazzolo introduced Dr. Buchwald who presented the Powell
Lecture for 2022. Dr. Buchwald is the Camille Dreyfus Professor of Chemistry at the
Massachusetts Institute of Technology. He is a fellow of the American Academy of Arts and
Sciences and a member of the National Academy of Science. His honors include the
Tetrahedron Prize for Creativity in Organic Chemistry, the Roger Adams Award from the
ACS, and the Wolf Prize in Chemistry. He is an associate editor of Advanced Synthesis and
Catalysis.

Dr. Buchwald’s topic was “Palladium-Catalyzed Carbon-Heteroatom Bond-Forming Reactions
for the Functionalization of Molecules Big and Small”. He presented a historical view of
research on the use of palladium complexes to catalyze the formation of C-N bonds, with a
description of ligand and precatalyst development using biarylphosphines. The methodology
has been widely used throughout academia and industry, including the preparation of
compounds with medicinal uses. He presented examples of the use of palladium complexes
for the selective functionalization of large molecules.

Dr. Dominey coordinated a Q&A session that included questions and comments from
students, University of Richmond alumni and faculty and others participants in the Zoom
session. The Virginia Section of the ACS thanks Raymond Dominey and his colleagues at the
University of Richmond for organizing this meeting and for sharing the Powell Lectureship with
the Section for many years.

Raymond Dominey  Daniel Palazzolo  Stephen Buchwald
THE W. ALLAN POWELL LECTURESHIP

Dr. W. Allan Powell served the University of Richmond continuously for 34 years. For 23 of those years, he was chairman of the Chemistry Department. Dr. Powell served as the premedical and pre-dental advisor from 1959 to 1986. He was a very important part of the scientific community in Virginia, serving both on a national and regional basis in the American Chemical Society and in numerous capacities for the Virginia Academy of Sciences.

In honor of Dr. Powell, the Department of Chemistry established the W. Allan Powell Lectureship. The endowed lectureship is a regional program devoted to specific advances in the chemical sciences and each year complements the Virginia Section of the American Chemical Society at the University of Richmond. Dr. Powell passed away in 2010, but his legacy lives on in the annual celebration of the Powell Lectureship. The Virginia Section is pleased to participate in this annual celebration of his life and legacy.

GRANTS FOR SCIENCE EDUCATION

The Virginia Section provides small grants ($50 - $500) to teachers for projects involving science teaching. The grants can be used to purchase materials and equipment for activities in science classrooms and laboratories. No funds are provided for personnel costs. More information and a proposal form can be found on the Section website: acsva.org. Look for the Chemical Education tab under “About Us,” or contact Dr. Kristine Smetana at kristine.smetana@southside.edu.

THE OUTREACH VOLUNTEER OF THE YEAR AWARDS

In 2013, the Committee on Community Activities of the American Chemical Society established the Outreach Volunteer of the Year awards to recognize extraordinary outreach volunteer service within local sections. Each local section can nominate a person for the annual awards. Here is the complete list of outreach volunteer award winners for the Virginia Section:

2022 - Ashley Tubbs
2021 - Stacey Sank
2020 - Michael Hunnicutt
2019 - Julian Bobb
2018 - Heather Lourenco
2017 - Stephanie Mabry
2016 - Colleen Taylor
2013 - Kristine Smetana

POSITION AVAILABLE - METALS SCIENTIST

The Virginia State Laboratory in the Division of Consolidated Laboratory Services (DCLS) has an opening for a full-time Scientist I in the Metals Laboratory. The Metals Laboratory performs routine and emergency testing using state-of-the-art instrumentation and analyzes drinking water, environmental water, air, fish tissues, sediments, fertilizer, and feed samples for heavy metals and chemical agents. Laboratory testing supports investigations and surveillance studies related to the environment and public water supplies.
As a Scientist, this position will work with the Senior Scientist and Principal Scientist to perform maintenance/troubleshooting on instrumentation and equipment; conduct routine Metals analyses on various matrices; perform method validations; review analytical results; write, update and review standard operating procedures; conduct quality assurance (QA) procedures; maintain laboratory safety; and document personal competency assessments. Candidate must possess a working knowledge of chemical laboratory operations in a fast paced lab. The Scientist will work directly with the Senior Scientist and the Principal Scientist to conduct emergency testing where heavy metals analyses are required. This DCLS employee will also support emergency testing in response to any potential public health threat. The position will report directly to the Metals Senior Scientist, the Metals Principal Scientist and the Metals, Food, Fertilizer, Feed, PM2.5 and PM10 Group Manager.

Preferred qualifications include:
- Advanced Degree (M.S., Ph.D) in a chemical, physical, biological or medical laboratory science.
- Extensive experience working with ICP, ICP/MS, LCMSMS, Ion Chromatography.
- Knowledge and experience with TNI 2009 or ISO 17025.
- Experience in writing SOPs.
- Ability to exhibit initiative.

The hiring range is $45,458 - $58,408 for this full-time salaried position. The position will remain open until it is filled. More information can be found at https://virginiajobs.peopleadmin.com/hr/postings/258003, at dgs.virginia.com, or from Tammy Arnold in DGS Human Services, Tammy.Arnold@dgs.virginia.gov.
UNDERGRADUATE RESEARCH POSTER SESSION

The Virginia Section is planning to have some type of undergraduate research poster session, tentatively scheduled for April 15. Last year’s session was virtual using Zoom. This year we hope to have another virtual program that will highlight undergraduate research at colleges and universities in Virginia. The format has not been finalized, but details should be available in the next few weeks. Meanwhile, reserve April 15 for the Section meeting with the opportunity to present and review undergraduate research projects.

CHEMISTRY SEMINARS AT VIRGINIA COMMONWEALTH UNIVERSITY

March 3 - Dr. Mo Jiang, VCU Department of Chemical & Life Science Engineering, “Slug-Flow Process Design for Manufacturing Crystals with Improved Uniformity”

March 10 - Dr. Jeremy Morgan, UNCW, “Strained Heterocycles for Bio-Active Molecule Synthesis”

March 17 - Dr. Yana Can, VCU Department of Medicinal Chemistry, “Small Molecule Approach to Study Human Sirtuins”

March 24 - Dr. Yi Xiao, North Carolina State University, Development of Functionalized Aptamers for On-Site Small Molecule Detection”

April 14 - Dr. Richmond Sarpong, University of California, Berkeley, “Break-it-to-Make-it Strategies for Chemical Synthesis Inspired by Complex Natural Products” (Mary Kapp Lecture)

All seminars are held via Zoom at 4:00 PM unless otherwise noted.

CHEMISTRY SEMINARS AT THE UNIVERSITY OF VIRGINIA

February 25 - Dr. Neal Deveraj, University of California, San Deigo (Hecht Lecture)

March 2 - Dr. Kyle Crabtree, University of California, Davis (Graduate Student Invited Seminar)

March 25 - Dr. Mitch Smith, Michigan State University

April 1 - Dr. Sharon Neufeldt, Montana State University

April 7 - Dr. Sharon Glotzer, University of Michigan (Graham Lecture)

April 22 - Dr. Lisa Jones, University of Maryland

April 29 - Dr. Holger Braunschweig, Universitat Wurzburg, Germany

For 2021-2022, seminars will be held primarily in-person. Friday seminars will be at 3:30 pm in Gilmer 390; Wednesday seminars will be held in MEC 205.
YCC PRESENTS A DAY IN THE LIFE OF
A CHEMISTRY ENTREPRENEUR

On Wednesday, February 23rd, the Eastern US Younger Chemists Committee Partnership of the American Chemical Society with co-sponsorship from the ACS Division of Small Chemical Business, presented a webinar, “A Day in the Life of a Chemistry Entrepreneur!” This webinar on Zoom featured Dr. Margaret Kocherga, an educator, professional ballerina, and founder and CEO of Margik. Margik is a light and charge solutions company providing electron transport materials for the electronics industry. Dr. Kocherga's goal is to be at the forefront of the technological revolution to create a sustainable future, by making consumer electronics advancements via cleantech approaches.

YCC PRESENTS A DAY IN THE LIFE
OF A SYNTHETIC CHEMIST

Join the Eastern US Younger Chemists Committee Partnership of the American Chemical Society on Thursday, March 10 on Zoom from 7:00-8:00 PM EST for “A Day in the Life of a Synthetic Chemist!” Learn about a typical day in the life of Dr. Isaiah Speight, a NIGMS Postdoctoral Fellow at the University of California, Irvine, researching the development of new technologies for amide reduction and bond formation. In addition to his bench work, Isaiah works very closely with the National Organization for Black Chemists and Chemical Engineers to create communities for black scientists to thrive in and build connections to create new opportunities for these students to be successful. Register: https://american-chemical-society.zoom.us/meeting/register/tZ0qc-uupjwtH9wvYEFSOlubVKgeysogrPY-

ANNUAL AWARDS MEETING - FRIDAY, MARCH 4 VIA ZOOM

see page 4 above
YCC-NOBCChE DIVERSITY & INCLUSION PROFESSIONAL DEVELOPMENT WORKSHOP

Save the date for the ACS Virginia Younger Chemists Committee (YCC)—National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) Diversity and Inclusion/Professional Development Workshop! This two-day workshop will take place on April 2nd and 9th on Zoom from 11:00 AM - 1:30 PM EST each day.

This workshop hopes to provide awareness and open dialogue about diversity and inclusivity in school and the workplace, especially in the STEM field. It will provide insight on creating positive environments and tips and skills for professional development such as crafting a CV/resume that employers will love, strategies to leverage during job hunting, etc. The event will start with opening remarks to introduce the YCC and NOBCChE, as well as the speakers and panelists. After introductions, the keynote speaker will present a talk, followed by a 45-minute panel session. The event will conclude with a 45-minute networking session on each day.

Click the link below to register and save your place!

Register:

https://american-chemical-society.zoom.us/meeting/register/tZMscuCrqjopEtYg6aRGvqrgeVvhoXHY6liR
Information on activities of the Younger Chemists Committee (YCC) was provided by Dr. Julian Bobb, Chair of the YCC in the Virginia Section. For information on the YCC:

Chair: Julian Bobb
Email: vayoungerchemistscommittee@gmail.com
Instagram: @ACSVA_YCC
Facebook: @ACSVAYCC
Twitter: @ACSVirginiaYCC
LinkedIn: @ACS Virginia Younger Chemists Committee

The U.S. National Chemistry Olympiad

The Virginia Local Section of the American Chemical Society (ACS) is hosting the U.S. National Chemistry Olympiad (USNCO) competition. Students who attend high school within the boundaries of the Virginia Local Section are eligible to participate. The counties and cities within the Section are shown on the Section website: http://acsva.org/virginia-sections-and-regions/

Local Exam: March 26, 2022, registration deadline February 28
National Exam: April 2022 (exact date and time TBA)

Contact: Dr. Sarah Porter, portersg@longwood.edu

Select students participating in the Virginia Local Section’s Local Chemistry Olympiad Competition will be nominated to advance to participate in the National Chemistry Olympiad Exam. All students who participate will be recognized with certificates, and the top scoring students and schools will earn additional recognition.
THE DISTINGUISHED SERVICE AWARD

At the Awards Meeting on March 4, Dr. Janet Asper will receive the Distinguished Service Award from the Virginia Section. She will be the 74th person to receive the Distinguished Service Award. The award was begun in 1948 when it was presented to Dr. Wortley F. Rudd. See below for some of the more recent recipients. The award is presented to a member of the Virginia Section who has provided noteworthy service to the Section and to the American Chemical Society.

DISTINGUISHED SERVICE AWARDS - VIRGINIA SECTION

1990 James B. Patrick 2006 William J. Rademaker
Russell J. Rowlett, Jr. 2007 Jeffrey I. Seeman
1993 Charles E. Thomas 2010 Kristine S. Smetana
1994 William Smithey 2011 Fred M. Hawkridge
1995 John Comerford 2012 Stephanie Mabry
1996 Sheryl Baldwin 2013 Joseph Pompano
1997 Beverly Orndorff 2014 Joseph Crockett
1998 Philip Burks 2015 Larry H. White
1999 James Demas 2016 Thomas C. DeVore
2000 Carl Trindle 2017 Kenneth Chapman
2001 Patrick Barber 2018 Denise Walters
2002 Lidia Vallarino 2019 Robert Davidson
2004 John Fenn 2020 M. Samy El-Shall
INNOVATION AWARDS

The Virginia Section has been presenting special industrial awards since 1997. The awards have been given for innovation or process engineering by individuals or groups, and for environmentally significant products and processes. At the Awards Meeting on March 4, the Medicines for All Institute will receive the Team Innovation Award. This is one of several types of innovation awards that the Section has presented in past years. Here is a list of some past innovation awards.

OUTSTANDING INNOVATOR AWARD

- Dr. William Welstead (Whitehall-Robins Healthcare, 1999)
- Dr. A. Clifton Lilly, Jr. (Philip Morris USA, 2004)
- Dr. Georgios Karles (Altria Client Services, 2020)

OUTSTANDING INNOVATION AWARD

- Dr. David Hutchison (Ethyl Corporation, 1997)
- Dr. Arnold Francis (the DuPont Company, 1997)
- Dr. Donald Abraham and Dr. Glen Kellogg (eduSoft, LC, 2001)
- CAPIC Synthesis Team - Dr. B. Frank Gupton, Mr. Kenneth D. Stanley, Ms. Kristin Kelly Long, Dr. Saeed Ahmad (Boehringer Ingelheim Chemicals, 2002)
- Dr. John B. Fenn (Virginia Commonwealth University, 2004)
- Dr. Kai O. Donsbach (Boehringer Ingelheim Chemicals, 2007)

OUTSTANDING INDUSTRIAL INNOVATOR AWARD

- Dr. Tze-Chi Jao (Afton Chemical Corporation, 2010)
- Dr. Jack D. Brown (Boehringer Ingelheim Chemicals, 2011)

TEAM INNOVATION AWARD

- DuPont Advanced Fiber System - Dr. Hamid Ghorashi, Dr. Michael W. Bowen, and Dr. Steven R. Allen (1997)
- DuPont Teijin Films - Mr. Stephen Frantzysen, Dr. Neil Nugara, Mr. Reps Haskins, Mrs. Ashley Rock (2012)
Summary of ACS (YCC) Activities

- Branding and Promotion Chair for the VA ACS YCC and the EUS YCC Partnership
- Event Planning Co-Chair for the VA ACS YCC

VA ACS YCC 2021 Events
- Cooking Chemistry Trivia Night
- Spring 2021 Graduation Celebration

EUS YCC Partnership 2021 Events
- "A Day in the Life" series
- "Self-Care Saturday" series
- "Professional Development" workshop series
- Pi(e) Day Social
- "From Finding Your Future to Crafting Your Career: Professional Development for Chemists at Every Level"
- Invited symposium at Spring 2021 ACS National Meeting
- "Don't Drop the Ball: Juggling Perfectionism, Confidence, and Final Exams"
- 2021 ACS Eastern US YCC Partnership Virtual Research Symposium and Chemistry Career Expo
- Social Media Campaigns for Black History Month, Women's History Month, and Pride Month

Stacey Sank, Chair of the Women's Chemist Committee for the Virginia Section, has been selected as the Section's Outreach Volunteer of the Year for 2021. Each year, the ACS recognizes a member of the Section as the Outreach Volunteer of the Year. Virginia Section members recognized in past years include Michael Hunnicutt (2020), Julian Bobb (2019), Heather Lourenco (2018), Stephanie Mabry (2017), and Colleen Taylor (2016). Stacey has worked with the Women's Chemist Committee (WCC) for several years and has been the chair of the committee since 2019. She is a Process Engineer at GSK in Richmond. She says “I love science outreach as it provides opportunity for networking and community engagement with a goal to empower and promote STEM.”

POSITION AVAILABLE

JUDGES AND READERS NEEDED FOR JUNIOR ACADEMY OF SCIENCE RESEARCH SYMPOSIUM

The Virginia Academy of Science (VAS) is soliciting judges for the Virginia Junior Academy of Science (VJAS) Research Symposium, to be held virtually on Saturday, May 15. Students will be presenting their papers live via Zoom conference lines, hosted by the College of William & Mary, from around 9 am to 4:30 pm. Readers are also needed to screen papers for acceptance, virtually/online, in March. The full recruitment letter for VJAS Judges and Readers and the sign-up link is at http://vjas.org/judges.html. More information can be found on the VAS website: http://www.vaacadsci.org. Susan Booth is the VJAS Director and Se Jeong is the VJAS Committee Chair.

CHEMISTS CELEBRATE EARTH WEEK (CCEW)

The annual ACS celebration of Earth Week (CCEW) is held in April during the week of Earth Day, April 22 this year. The theme for 2021 is “Reducing Our Footprint with Chemistry.” The ACS has been celebrating Earth Day (now Earth Week) since 2003. As usual, the ACS will provide a wide-range of resources for members, local sections, students, teachers, and other organizations and individuals who want to participate in CCEW activities. There will be publications and teaching materials for elementary, middle school, and high school students and classes including a special edition of the ChemMatters magazine. The ACS is cooperating with the American Association of Chemistry Teachers (AACT) and the Earth Day Network in providing a wide range of materials and activities for students. The popular Illustrated Poem Contest will be held again this year. More information on the ACS celebration and material can be found at https://www.acs.org/content/acs/en/education/outreach/ccew/. Contact the ACS Office of Science Outreach at outreach@acs.org to find CCEW-themed resources for college students and adults.

Although many activities will have to be done virtually this year, the Virginia Section is planning to share in the CCEW event. Dr. Kristine Smetana, Chair of the Section’s Community Activities Committee, will be coordinating CCEW activities. If you have suggestions or would like to volunteer to help in this effort, contact Dr. Smetana at kristine.smetana@southside.edu. Last year, the Virginia Section received a ChemLuminary Award from the national ACS for its “Outstanding Ongoing Chemists Celebrate Earth Week Event.”