



The Bulletin
of the
Virginia Section
AMERICAN CHEMICAL SOCIETY

APRIL MEETING NOTICE

University of Virginia
Charlottesville, Virginia

Friday, April 17, 2015

SUCCESS WORKSHOP: 4:00 - 6:00 p.m.
Room 303
Chemistry Building

POSTER SESSION: 6:00 - 7:00 p.m.
(STUDENT RESEARCH) Lobby
Chemistry Building

DINNER: 6:00 - 7:00 p.m.
Lobby
Chemistry Building

PROGRAM: 7:00 p.m.
Room 304
Chemistry Building

MENU: Pizza (many varieties), Soft Drinks

DINNER RESERVATIONS: Please make reservations by calling Cindy Knight at **(434) 924-7995** or e-mail csk3a@virginia.edu by **NOON** on Wednesday, April 15.

PRICE: \$8.00 - members, guests, college students
\$4.00 - high school students

HOST: Dr. James Demas - (434) 924-3343, demas@virginia.edu

SPEAKER: **Dr. Nelson Ayala, CB Fleet Pharmaceutical**

TOPIC: **“The Health Benefits of Chocolate”**

APRIL 2015

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			<i>reservations</i>		<i>meeting</i>	
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Dr. Nelson Ayala



Nelson was born in New York City and graduated from the Bronx High School of Science, Brooklyn College with a BS in chemistry, and SUNY Stony Brook with an MS in chemistry. As a Ph.D. graduate of the University of Virginia, he got his first taste of Virginia in the late 80's. He completed an MBA program at Lynchburg College. He has worked on consumer products at Carter Wallace, Westwood Chemical and Lever Brothers. He has taught college chemistry at Stony Brook University, University of Virginia, Orange County Community College, and Central Virginia Community College. For nine years, he was a tour guide at the Brotherhood Winery in Washingtonville, New York, which is the oldest continuously operating

winery in America. For the past fourteen years he has worked as a Senior Product Development Scientist for CB Fleet Pharmaceutical. Nelson has worked on new product development assignments in Spain, Canada, and Mexico, and around the country. He has formulated many new products for gastrointestinal care, feminine hygiene, and baby care. He has several patents on taste masking, oral rehydration, anti-itch, anti-perspirants, and deodorants. He has authored several papers in major journals. Nelson has been a member of the Society of Cosmetic Chemists, and Toastmasters International since 1990. He has developed and delivered presentations on topics related to career and personal development to audiences around the country.

“The Health Benefits of Chocolate”



The scientific interest in healthy antioxidants found in chocolate has grown over the years, adding to the appeal of the world's most popular flavor. Researchers have amassed a large number of clinical studies that confirm the health benefits of dark chocolate which are to lower blood pressure, reduce platelet adherence, and vasodilation. Chocolate is a rich source of natural chemicals that

have interesting properties. Over 400 chemical compounds have been identified. We will explore the structure and function of the most well known compounds such as caffeine, theobromine, tryptophan, phenylethylamine, and anandamide. Digging deeper into health benefits of chocolate, we will discuss the action of antioxidants found in chocolate such as catechin, gallic acid, epicatechin, and resveratrol. Lastly, in the light of the obesity epidemic, the dietary consequences of consuming too many calories will be examined. In conjunction with the talk, the audience will have an opportunity to taste various chocolates from around the world.



COME EARLY ON APRIL 17 TO SEE THE UNDERGRADUATE RESEARCH POSTERS

DIRECTIONS

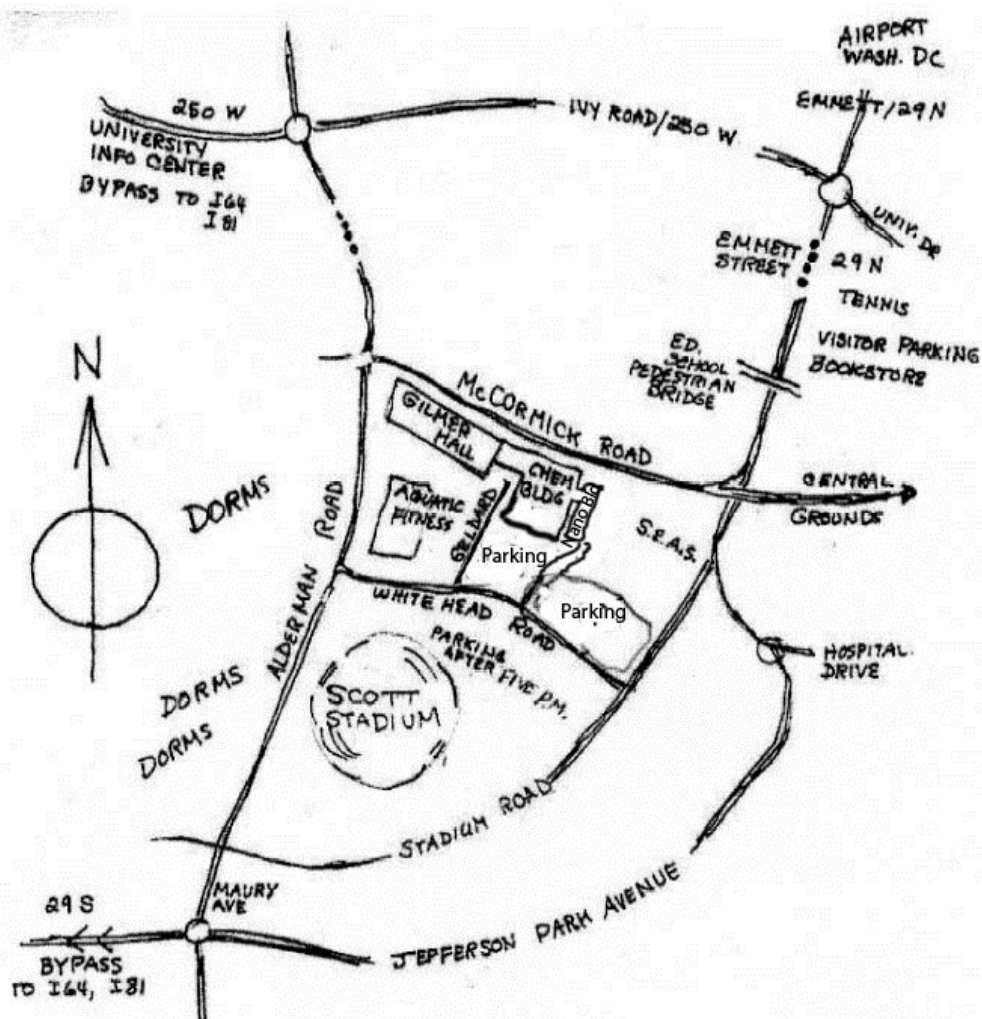
From 29N. Come straight into town past the Cavalier Inn (on your right), pass under two overhead bridges, and then bear right immediately afterwards onto Stadium Rd. Turn right at the stop sign at the top of the hill onto Whitehead Road. Parking is on the right and left.

From I-64. Turn north on 29 at Exit 118. Immediately turn right at the Charlottesville/29 Business off ramp. Turn right to go into town, then turn left at the second light (filling station on your left). Turn right immediately after the stadium onto Whitehead Road. This brings you to the back or new wing of the chemistry building. Parking is on the right and left. Do not park in the athletic center spots.

If you miss the first off ramp after I-64, turn right at the next exit (UVA information), proceed into town, turn right at the second light (Alderman Rd.), go through the first light, then make a left at Whitehead Road.

Until 5:00 p.m., all parking around the Chemistry Building is restricted and you will be ticketed. Please time your arrival so that you park after 5:00. It is most convenient to come around the new Nanotech building on the east side. **On-line map at <http://chem.virginia.edu/contact-us/maps-directions-to-uva-chemistry/>.**

MAP



BRANDING YOURSELF FOR ACADEMIC AND PROFESSIONAL SUCCESS IN STEM

A WORKSHOP FOR STUDENTS

Sponsored by the Minority Affairs Committee of the Virginia Section and the National Organization for the Advancement of Black Chemists and Chemical Engineers (NOBCChE)

**Friday, April 17
4:00 - 6:00 p.m.
Room 303, Chemistry Building
University of Virginia
Charlottesville, Virginia**

Being perceived as one of many isn't a good thing in today's highly competitive academic and business environment. Whether you want an internship, an academic opportunity, a new job, a promotion or a raise, to start a business, or you want greater buy-in from your target audience, your ability to make an high impact first impression and be memorable long after an encounter helps you stand out from the crowd and win. The demand for skilled workers in science, technology, engineering, and math (STEM) is high and closely linked to global competitiveness. But with so many people pursuing STEM careers, it is not enough to work hard, do great work and hope to get noticed. You have to be both seen and heard, relevant and engaging. This **Branding Yourself** workshop reveals the secrets and principles of how to market yourself as a brand, harness your potential, and take charge of your academic and professional career, your business and your life, while leveraging the competitive advantage that a career in STEM provides. Whether you are in the classroom or the corner office, this workshop has something for you. **Talitha Hampton**, a project manager at AstraZeneca Pharmaceuticals and Vice-President of NOBCChE, will lead the workshop on April 17.

Faculty members at institutions serving minority students and anyone who wishes to provide expanded opportunities to minority students are encouraged to bring students to the workshop and to stay for the poster session and program to follow. For more information on the workshop, on the workshop leader, and on NOBCChE, contact **Dr. H. Hyacinthe Yarabe**, Chair of the Minority Affairs Committee for the Virginia Section, at (804) 257-2320; hyacinthe.yarabe@pfizer.com.



***** VIRGINIA SECTION NEWS *******EXECUTIVE COMMITTEE MEETING**

The Executive Committee of the Virginia Section will meet at 6:00 p.m. on **Friday, May 15** at Pfizer Consumer Healthcare, 1211 Sherwood Avenue, Richmond. Contact Todd Koch, Chair of the Section, for more information or to place items on the agenda: todd.koch@pfizer.com; (804) 257-2890.

POSTER SESSION

The Virginia Section will hold its annual poster session at the April 17 meeting at the University of Virginia in Charlottesville. The emphasis is on student research, especially work done by undergraduates. This is an excellent informal, low-stress environment for students to make research presentations. If you have a student who wishes to present a poster, please contact Cindy Knight at (434) 924-7995; csk3a@virginia.edu. More information can be found on this website: <http://chem.virginia.edu/undergraduate-studies/undergraduate-research/2015-american-chemical-society-poster-session/>. The deadline for registering a poster is **April 7**. We invite everyone to come early for the UVA meeting and to support these young researchers.

AWARDS TO COLLEGE SENIORS

Outstanding senior chemistry majors from colleges and universities in the Virginia Section will be honored at the April 17 Section meeting in Charlottesville. Each school has been asked to select a student to receive the Virginia Section award for undergraduate achievement. The awardees will be the guests of the Section at the meeting on April 17 and each will receive a certificate of recognition and a special gift from the Virginia Section. Chemistry departments must inform Chair Todd Koch of their nominees. If you have not submitted the name of your outstanding senior chemistry student, please contact Todd at (804) 257-2890; toddkoch@pfizer.com.

**VIRGINIA ACADEMY OF SCIENCE
ANNUAL MEETING**

**James Madison University
Harrisonburg, Virginia
May 21-23, 2015**



The 93rd Annual meeting of the Academy will be held at James Madison University in Harrisonburg on May 21-23. Chemistry presentations will be scheduled for Friday, May 22. There will be a Poster Session for all Sections that will be set up and stay up all day Thursday, May 21. For more information on the chemistry program, contact Tom DeVore, Chemistry Section Secretary, at devore@jmu.edu. Full information about the annual meeting and about Academy membership can be found on the Academy's website: <http://www.vacadsci.org>.

CHEMISTRY AT THE UNIVERSITY OF VIRGINIA

The University of Virginia Department of Chemistry is of medium size, combining outstanding physical facilities with a close-knit community of scholars. With a faculty size of 25, a graduate student body of about 95, and about 30 research associates, a stimulating atmosphere strongly encouraging interactive association has been created. Faculty research areas span a wide range offering a varied program of courses and research problems. Our 25 faculty members include professors who are nationally and internationally recognized in their fields. The list of recent honors received by faculty members includes the Distinguished Achievement Award in Proteomics from the Human Proteome Organization, the American Chemical Society's Award for Creative Work in Synthetic Organic Chemistry; Dreyfus Teacher-Scholar Awards for excellence in both teaching and research; Virginia Scientist of the Year awards, a Sloan Foundation Award, Alexander von Humboldt Research Prizes, an Analytical Chemistry Award in Chemical Instrumentation, a Presidential Early Career Award for Scientists and Engineers, a Coblentz Award, a MacArthur Genius Award, and a Gerhard Ertl Lecturer Award for Surface Science and Catalysis. Recent graduate student national fellowship awards include the Cognis Corporation Research Fellowship in Colloid and Surface Chemistry, the ACS Division of Medicinal Chemistry Predoctoral Fellowship Award, The Lilly Foundation Graduate Fellowship, The Science Application International Corporation Award and the Achievement Reward for College Scientists.

The goal of graduate study in chemistry is to develop outstanding young scientists able to make significant contributions in their chosen fields. A graduate student can expect to have considerable input in both the design of his or her own degree program as well as in matters pertaining to the operation of the Department as a whole. Emphasis is placed on research that contributes to our fundamental body of knowledge. Also important is the exceptional opportunity to interact not only with fellow graduate students, research associates and faculty, but also with outstanding scientists from all parts of the country and world. This participation in the forefront of scientific discovery prepares the student for the role of independent contributor to the scientific community.

Teaching and research in the Department of Chemistry have been considerably strengthened in recent years by a number of interdisciplinary centers and programs including Molecular Biophysics, Structural Genomics, Chemical Physics, Membrane Bound Proteins, Microfluidics, Biomedical Engineering, Neurosciences and Chemistry of the Universe. These programs, along with ongoing research in analytical methods, synthetic inorganic and organic chemistry, spectroscopy and other areas of physical chemistry, provide the student with a choice of strong research areas over a broad range of the chemical sciences. The faculty attracts more than \$11 million yearly in outside funding to support these programs, an indicator of the vigor of research being carried out in the Department.

The graduate program is further supported by an extensive library system. The Barksdale Chemistry Library, established by private gifts provides fundamental references and resources. Most major journals and data bases are available on line. Graduate students are entitled to keys to the building and to the library for research and reading. Alderman Library has more than 1.6 million books as well as extensive collections of manuscripts, maps, prints, and microfilms. The Science and Engineering Library, the large library of the Medical School, and the Physics Library contain numerous additional books and journals in chemistry and allied fields.



THE CHAIR'S CORNER



At the beginning of the year one of the objectives that I stated was to establish a mentoring program to help guide students with career options that are available to them. Dr. Colleen Taylor, our Vice Chair, has championed this initiative and developed the idea into a pilot program that will be initiated in April. The goal of the program is to (1) increase student participation in the chemistry community, (2) increase awareness of the types of jobs available in the chemistry workforce and (3) help students realize their full potential. This program is a great opportunity for mentors to practice their mentoring skills and to share their career experiences with students. My hope is that the students learn more about the many career opportunities available to them as well as some of the skills and behaviors required to have a successful career in science. I want to thank Colleen for making this concept a reality for the section. I also want to thank the brave members who have volunteered to be mentors and as well as the students participating in the pilot program.

April is a busy month for the section. The April meeting at The University of Virginia on April 17 is our chance to focus on undergraduate students from the colleges and universities throughout the section. The meeting starts with the Undergraduate Research Poster session which is a great opportunity to engage some of the brightest students from around the commonwealth and discuss their research projects. The poster session will be followed by the presentation of the Outstanding College Chemistry Student awards and a sweet lecture titled "The Health Benefits of Chocolate" by Dr. Nelson Ayala. This year there will also be a workshop for the students titled "Branding Yourself for Academic and Professional Success in STEM" sponsored by the Minority Affairs Committee. A great topic, as developing your individual brand has become important in today's professional environment to differentiate yourself from the crowd in the age of information overload and social media.

On Saturday, April 18, the Virginia Section will be participating in Chemists Celebrate Earth Day 2015 hosted by Dr. Kristine Smetana at John Tyler Community College. Kristine has some excellent activities planned around the topic of climate science and the role of chemistry in the environment.

Our April events are great opportunities for section members to come out and participate while serving as ambassadors for chemistry in our community. I hope to see all of you at these events.

...Todd Koch, 2015 Section Chair

Todd.koch@pfizer.com



CHEMISTRY SEMINARS AT THE UNIVERSITY OF VIRGINIA

April 3 - **Dr. Morris Bullock**, Pacific Northwest National Laboratory, "Design of Molecular Electrocatalysts for the Production and Oxidation of Hydrogen: Shoving Protons Around with Proton Relays"

April 10 - **Dr. Steve Vogel**, National Institutes of Health, "Fluorescence Polarization and Fluctuation Analysis (FPFA): A Method for Simultaneously Measuring Fluorescence Lifetime, Time-resolved Anisotropy, Fluorophore Concentration, Molecular Brightness, and Lateral Diffusion Times"

April 17 - **Professor Emad Tajkhorshid**, University of Illinois at Urbana-Champaign, Beckman Institute

April 24 - **Professor Jeffrey Johnson**, University of North Carolina at Chapel Hill, "On the Merits of Pursuing Stereochemical Errors in Natural Product Synthesis"

May 1 - **Professor Alan Marshall**, Florida State University, "Reading Chemical 'Fine Print': The Key to Exploiting Nature's Compositional Complexity" (**Jefferson Lecture**)

Chemistry colloquia are held at 4:00 p.m. in Room 304 of the Chemistry Building.
The complete colloquium schedule is on-line at <http://chem.virginia.edu/events-seminars/>.

CHEMISTRY SEMINARS AT VIRGINIA COMMONWEALTH UNIVERSITY

April 7 - **Dr. James M. Mayer**, Yale University, Proton-Coupled Electron Transfer: from Hydrogen Atom Transfer Reactions to Oxide Nanoparticle Chemistry" (**Mary Kapp Lecture**)



April 9 - **Dr. Omar Farha**, Northwestern University

April 21 - **Dr. Alan K. Soper**, ISIS Science & Technology Facilities Council, UK

Seminars are held at 3:30 p.m. in Room 1024, in the Physical Science Wing of Oliver Hall, 1001 West Main Street, Richmond. For more information, call (804) 828-1298.

CHEMISTS CELEBRATE EARTH DAY (CCED) 2015



The CCED 2015 theme is "Climate Science: More Than Just A Weather Report!" exploring climate science and the role chemistry plays in the environment. CCED seeks to bring international focus to environmental causes, such as clean air, water, and energy. The ACS offers events, contests, and educational resources for members, chemical educators, students, and chemistry enthusiasts to illustrate the positive role that chemistry plays in preserving the Earth.

The Virginia Section will be participating in CCED this year. **Dr. Kristine Smetana**, Chair of the Section Committee on Community Activities, will be organizing the activities that will be held on April 18 at John Tyler Community College as part of their **Fool for Art** celebration. Fool for Art is a free, fun, hands-on educational event. Visitors can participate in more than 100 free educational activities; shop the wares of top original art and craft vendors; and get their hands dirty as they celebrate Earth Day. The open-to-the public event will be held from 10:00 a.m. until 3:00 p.m. at the JTCC Midlothian Campus: 800 Charter Colony Parkway, Midlothian (just off Route 288 at the Woolridge Road exit). The Section is actively seeking groups and organizations to sponsor more CCED activities. Contact Kristine at kmetana@jtcc.edu or (804) 706-5143 with suggestions for other CCED events and to volunteer your assistance. **Help is needed to present the many activities that are planned at JTCC on April 18.**



REPORT ON THE FEBRUARY MEETING OF THE VIRGINIA SECTION

The February 20, 2015 meeting of the Virginia Section was held at the University of Richmond in Richmond, Virginia. The meeting was the annual Allan W. Powell Lectureship at the University of Richmond. The Lectureship talk was preceded by a dinner in the Heilman Dining Center where

Dr. William Myers reminded the guests of the legacy of Dr. Allan W. Powell. For the past 28 years, the University of Richmond has sponsored a series of outstanding speakers for the Powell Lectureship series, established to honor Dr. Powell. Dr. Raymond Dominey of the Department of Chemistry at the University of Richmond introduced the speaker, Dr. Joseph DeSimone, who is the Chancellor's Eminent Professor of Chemistry at the University of North Carolina at Chapel Hill and the William R. Kenan Jr. Distinguished Professor of Chemical Engineering at North Carolina State University. He is also an adjunct member at the Memorial Sloan-Kettering Cancer Center. Dr. DeSimone gave a riveting presentation entitled "Breakthroughs in Imprint Lithography and 3D Additive Fabrication." He illustrated how he has leveraged his innovations to found a number of different businesses, and he shared his most recent breakthrough in 3D printing, where his new process of "growing" the printed object through the use of unique polymers and the computer controlled use of light and oxygen result in printing times of minutes instead of hours. A full auditorium heard the lecture which was followed by a question and answer session. At the conclusion of Dr. DeSimone's presentation, Dr. Denise Walters, Chair Elect of the Virginia Section, presented him with the traditional engraved Jefferson cup from the Section. The Section appreciates the continuing cooperation and financial support for these meetings by the University of Richmond.

Thanks to Denise Walters for this report and the photographs.



REPORT ON YCC EVENT ON MARCH 3

On March 3, 2015 the Younger Chemist Committee (YCC) of the Virginia Section hosted a dinner and lecture event at Sine Irish Pub in Richmond. The title of the event was "The Chemistry of Cannabis." Aron Lichtman from VCU Pharmacology and Toxicology spoke about his research. He talked about the endocannabinoid system and the role of cannabinoid receptors, medicinal uses of cannabinoids, and the effects on the human body and brain. About 40 students and professionals attended the event. The YCC provided a free dinner to all attendees. It was a great opportunity for young chemists to socialize, network, and learn about current research. Thanks to Colleen Taylor for the photo and to Kathleen Sink for this report. For more information on the YCC, contact Kathleen at kms2uu@virginia.edu.



METRO RICHMOND STEM FAIR WINNERS

The Virginia Section supports the Metro Richmond STEM Fair by providing funds for gift cards for chemistry section winners. This year's STEM Fair was held on March 14 at Clover Hill High School.



The chemistry winners:

First Place - **Julia Wolver**, Math & Science High School at Clover Hill, Chesterfield County - \$100.00; *The Effect of Time Allowed for Gallium and Aluminum to Alloy on the Amount of Hydrogen Produced by the Alloy*

Second Place - **Maximilian Thoburn**, Patrick Henry High School, Hanover County - \$50.00; *The Manufacture of Han Purple (Barium Copper Silicate): An Experiment for All Ages*

Third Place - **Ramiz Akhtar**, Math & Science High School at Clover Hill, Chesterfield County - \$25.00; *Electrified H₂O: The Effect of Varying Amounts of Magnesium Sulfate on the Efficiency of Hydrogen Production During the Electrolysis of Water*

The Section also provides cash awards to the winners' schools.



Julia Wolver



Maximilian Thoburn



Ramiz Akhtar

REPORT ON THE MARCH MEETING OF THE VIRGINIA SECTION

On March 13, about 40 persons heard Dr. Douglas Friedman from the National Academy of Sciences talk about a National research Council report on ways to promote a culture of safety in academic chemical research. The meeting of the Virginia Section was held at Randolph-Macon College in Ashland. Dr. Friedman was introduced by Dr. April Marchetti, Garnett-Lambert Professor of Chemistry at Randolph-Macon and host for the meeting. Dr. Denise Waters, Chair Elect of the Section, presided. Larry White, Chair of the Virginia Section History Committee, gave a short presentation on the early days of the Virginia Section. The Section was chartered in April, 1915 and is celebrating its centennial during 2015. Prior to the program, guests enjoyed an outstanding meal in Estes Dining Hall. Special thanks to April Marchetti and her students and colleagues at RMC for organizing this meeting.



Douglas Friedman



Larry White

THE VIRGINIA SECTION MINORITY AFFAIRS COMMITTEE

In January of 2014, the minority affairs committee was not active and the Executive Committee of the Virginia Section voted to disband the committee. However, in May of 2014 the decision was reversed due to a resurgence of interest by a dedicated team of people. Dr. Hyacinthe Yarabe stepped up to assume the Chair role with guidance provided by Dr. Denise Walters. A committee was formed and a kick-off meeting was held on November 10, 2014 at Pfizer Consumer Healthcare in Richmond Virginia. The focus of the meeting was to establish the committee's mission and to elect officers. Current committee members include, Ms. Erin Parham - Secretary, Ms. Dominique Williams - Event Planner, Dr. Dorothy Eseonu - Past Chair, Dr. Kimberly Basset - Vice Chair, and Dr. Karl Jackson - Treasurer.

The committee's overall goal is to encourage young people, especially high school and college students, to pursue the fields of Science, Technology, Engineering, and Math, (especially Chemistry!) and to offer guidance to minority professionals as they begin their careers.

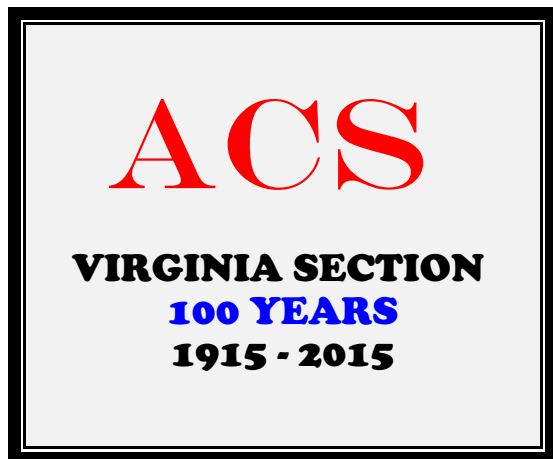
The committee met prior to the January, 2015 Section meeting at Virginia Union University to establish short and long term objectives. Dr. Colleen Taylor joined the committee at that meeting. The committee's 2015 objectives include: 1) partnering with at least one high school and/or college to give a presentation on the topic of "Careers in Chemistry," 2) conducting a career development activity in collaboration with a local historically black college university (HBCU), and 3) hosting a networking event for students at a local HBCU. We hope that by listening to the presentations of a few businesses in the field, and by networking with seasoned professionals, students will have a better understanding of the skills, qualities, and experiences that businesses desire. Finally, in terms of long-term activities, the committee has discussed additional business/college interactions, specifically in the areas of internships and scholarships. The committee is also researching what minority affairs committees in other local sections have been able to provide for their minority students and professionals and whether or not it would be feasible for the Virginia Section to provide similar opportunities.

The minority affairs committee has many diverse objectives for the upcoming year. The committee is humbled and excited by the opportunity to work together to provide more opportunities for minority students and scientists in Virginia to succeed in the classroom and workplace. Many committee members have received help during our careers and want to give back in any way they can. While the committee will focus on "pushing" more minority students into STEM careers, through outreach, they are also exploring the effectiveness of "pull" mechanisms (such as minority career development efforts, conferences such as the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCHE), and a diverse Board and C-Suite). With the U.S. Chamber of Commerce ranking Virginia as first in STEM job and high-tech business concentration, third in the rate of adding STEM jobs, and a top state for entrepreneurship and innovation, it is a pivotal time for the ACS Virginia Section Minority Affairs committee to ensure a fair and accessible path for more minorities and disadvantaged young people to pursue STEM careers.

(report contributed by Dr. Hyacinthe Yarabe)

WORDS OF WISDOM FOR APRIL: **No Man Is A
Failure Who Is Enjoying Life**

GRAND CENTENNIAL CELEBRATION GALA FOR THE VIRGINIA SECTION



During 2015, the Section will celebrate its 100th anniversary. As part of the centennial activities, the Section will hold a **Centennial Gala** in October. **Diane Grob Schmidt**, 2015 President of the ACS, will be the featured speaker. Look for details in future issues of the Bulletin. If you have ideas about ways to celebrate during our centennial year or would like to volunteer to assist in planning and executing the anniversary commemorations, please contact Dr. Todd Koch who is chairing an *ad hoc* committee for the centennial: todd.koch@pfizer.com; (804) 257-2890.

NOMINATIONS FOR AWARDS

The Virginia Section is soliciting nominations for these awards: Distinguished Service Award, Outstanding High School Chemistry Teacher Award, Outstanding Middle School Science Teacher Award, Outstanding Elementary School Science Teacher Award, Outstanding Industrial Innovator Award. Names of candidates for the three teaching awards should be submitted to Eileen Downey: eileendowney2@gmail.com. Suggestions for the Distinguished Service and Industrial awards should be forwarded to Yezdi Pithawalla: (804) 274-4587, yezdi.b.pithawalla@altria.com.

QUESTIONS FROM THE PAST

This question was asked in the March Bulletin: The 305th meeting of the Virginia Section was held at the Medical College of Virginia Amphitheatre in Richmond on Friday, November 7. The speaker was Alden H. Emery, Executive Secretary and Business Manager of the ACS who spoke on "Some Problems Faced by the American Chemical Society." The talk was preceded by a reception and dinner in the Monticello Room of Ewart's Cafeteria (dinner price was \$1.25). Approximately 75 members and guests attended. **What was the year of this meeting—1937, 1947, 1957, or 1967?** Extra credit if you can name the Chairman of the Section for that year. The meeting was held on November 7, **1947**. The Chair of the Section was **Clifford M. Smith**, from the E. I. DuPont de Nemours company facility in Waynesboro.

A new question from the past: One national meeting of the ACS has been held in Virginia. The Seventy-third meeting of the American Chemical Society was held in Richmond. Mr. William Clift, Chairman of the Virginia Section, served as chairman of the Executive Committee for the national meeting with Edwin Cox as Vice-Chairman. **When was the 73rd national meeting held in Richmond?**

VIRGINIA SECTION
American Chemical Society
2015 Executive Committee
Officers

<p><i>Immediate Past Chair</i></p> <p>Scott Gronert Department of Chemistry Virginia Commonwealth University Richmond, VA 23284 (w) (804) 828-2753 sgronert@vcu.edu</p>	<p><i>Chair</i></p> <p>Todd Koch Pfizer Consumer Healthcare P.O. Box 26609 Richmond, VA 23261 (w) (804) 257-2890 todd.koch@pfizer.com</p>	<p><i>Chair Elect</i></p> <p>Denise L. Walters Pfizer Consumer Healthcare P.O. Box 26609 Richmond, VA 23261 (W) 804) 257-2828 denise.walters@pfizer.com</p>
<p><i>Vice Chair</i></p> <p>Colleen M. Taylor Department of Chemistry and Physics Virginia State University Petersburg, VA 23806 (804) 524-5481 cmtaylor@vsu.edu</p>	<p><i>Secretary</i></p> <p>Christine Farthing Pfizer Consumer Healthcare P. O. Box 26609 Richmond, VA 23261 (804) 257-2385 christine.farthing@pfizer.com</p>	<p><i>Treasurer</i></p> <p>Thaddeus S. (Thad) Hannel Altria Client Services 601 E. Jackson Street Richmond, VA 23219 (804) 335-2552 Thaddeus.Hannel@altria.com</p>
<p><i>Councilor (2015-17)</i></p> <p>Linette Watkins Department of Chemistry & Biochemistry MSC 4501 James Madison University Harrisonburg, VA 22807 (w) (540) 568-8804 (cell) (512) 415-1458 watkinslm@jmu.edu</p>	<p><i>Councilor (2013-15)</i></p> <p>Kristine Smetana John Tyler Community College Division of Mathematics & Science 13101 Jefferson Davis Highway Chester, VA 23831 (w) (804) 706-5143 (h) (804) 359-2262 (cell) (804) 814-5032 ksmetana@jtcc.edu</p>	<p><i>Councilor (2014-16)</i></p> <p>Ann M. Sullivan School of Mathematics and Science J. Sargeant Reynolds Comm. College P.O. Box 85622 Richmond, VA 23285-5622 (w) (804) 523-5777 (h) (804) 862-4260 (cell) (804) 943-2591 (fax) (804) 225-2437 asullivan@reynolds.edu</p>
<p><i>Alternate Councilor (2015-17)</i></p> <p>Joseph Crockett Bridgewater College Bridgewater, VA 22812 (w) (540) 828-5431 jcrockett@bridgewater.edu</p>	<p><i>Alternate Councilor (2013-15)</i></p> <p>Will H. Lewis, Jr. 5919 Matoaca Road Petersburg, VA 23803-1545 (h) (804) 590-3083 (cell) (804) 586-5492 wlewis8669@aol.com</p>	<p><i>Alternate Councilor (2014-16)</i></p> <p>Janet Asper Department of Chemistry University of Mary Washington Fredericksburg, VA 22401 (w) (540) 654-1143 (h) (937) 430-5722 (fax) (540) 654-1081 jasper@umw.edu</p>
<p><i>Trustee (2015-17)</i></p> <p>James N. Demas Department of Chemistry University of Virginia PO Box 400319 Charlottesville, VA 22904-4319 (w) (434) 924-3343 (h) (434) 971-2568 (fax) (434) 924-3710 demas@virginia.edu</p>	<p><i>Trustee (2013-15)</i></p> <p>William Welstead 10471 Jordan Parkway Hopewell, VA 23860 (h) (804) 452-2549 wwelstead@aol.com</p>	<p><i>Trustee (2014-16)</i></p> <p>Philip P. Burks 3456 Rivanna Drive Richmond, VA 23235 (h) (804) 330-2411 ppburks@verizon.net</p>

Committee Chairs

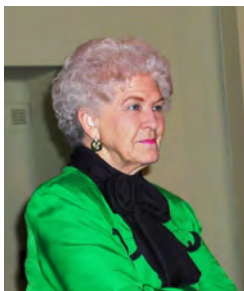
<p>Awards Education</p> <p>Eileen Downey 1806 Upperbury Drive Midlothian, VA 23114 eileendowney2@gmail.com</p> <p>Service & Industrial</p> <p>Yezdi B. Pithawalla Altria RD&E 4203 Commerce Road Gate C, Door 17 Richmond, VA 23284 (w) (804) 335-2301 (h) (804) 677-3571 (fax) (804) 274-2755 yezdi.b.pithawalla@altria.com</p>	<p>Chemical Education</p> <p>Ryan Warren 6001 Grove Ave Richmond, VA 23226 (w) (804) 288-2804 (h) (804) 559-5976 (fax) (804) 355-2407 warrencr@vcu.edu</p>	<p>Chemistry Olympiad</p> <p>Ann M. Sullivan School of Mathematics and Science J. Sargeant Reynolds Community Coll. PO Box 85622 Richmond, VA 23285-5622 (w) (804) 523-5777 (h) (804) 862-4260 (cell) (804) 943-2591 (fax) (804) 225-2437 asullivan@reynolds.edu</p>
<p>Community Activities: National Chemistry Week & Chemists Celebrate Earth Day</p> <p>Kristine Smetana John Tyler Community College Division of Mathematics & Science 13101 Jefferson Davis Highway Chester, VA 23831 (w) (804) 706-5143 (h) (804) 359-2262 (cell) (804) 814-5032 ksmetana@jtcc.edu</p>	<p>Entertainment</p> <p>Kenneth Chapman Cardinal Workforce Developers 16080 Countyline Church Rd. Ruther Glen, VA 22546 (804) 448-4852 kmc97@aol.com</p>	<p>Media/Public Relations</p>
<p>Membership/Hospitality</p> <p>Will H. Lewis, Jr. 5919 Matoaca Road Petersburg, VA 23803-1545 (h) (804) 590-3083 (cell) (804) 586-5492 wlewis8669@aol.com</p>	<p>Minority Affairs</p> <p>H. Hyacinthe Yarabe Pfizer Consumer Healthcare 1211 Sherwood Avenue P.O. Box 26609 Richmond, VA 23261 (w) (804) 257-2320 (cell) (804) 982-0408 hyacinthe.yarabe@pfizer.com</p>	<p>Nominations</p> <p>Scott Gronert Department of Chemistry Virginia Commonwealth University Richmond, VA 23284 (w) (804) 828-2753 sgronert@vcu.edu</p>
<p>Publications Editor</p> <p>James D. Beck 1977 Vesonder Road Petersburg, Va 23805 (h) (804) 733-5286 beckjd1977@comcast.net</p> <p>Publisher</p> <p>Will H. Lewis, Jr. 5919 Matoaca Road Petersburg, VA 23803-1545 (h) (804) 590-3083 (cell) (804) 586-5492 wlewis8669@aol.com</p>	<p>Safety</p> <p>Joseph Crockett Bridgewater College Bridgewater, VA 22812 (w) (540) 828-5431 (fax) (540) 828-5661 jcrocket@bridgewater.edu</p>	<p>Student Affiliates</p> <p>Thomas C. Devore Department of Chemistry & Biochemistry MSC 4501 James Madison University Harrisonburg, VA 22807 (w) (540)568-6672 (h) (540)433-8086 (fax) (540) 568-7938 devoretc@jmu.edu</p>

<p>Webmaster</p> <p>Ann M. Sullivan School of Mathematics and Science Downtown Campus J. Sargeant Reynolds Community Coll. PO Box 85622 Richmond, VA 23285-5622 (w) (804) 523-5777 (h) (804) 862-4260 (cell) (804) 943-2591 (fax) (804) 225-2437 asullivan@reynolds.edu</p>	<p>Women Chemists (WCC)</p> <p>Stephanie Mabry Afton Chemical 500 Spring Street Richmond, VA 23219 (w) (804) 788-5280 (h) (804) 639-6991 stephanie.mabry@verizon.net stephanie.mabry@aftonchemical.com</p>	<p>Younger Chemists (YCC)</p> <p>Kathleen Sink Lancaster Labs 601 East Jackson Street Richmond, VA 2321 (804) 370-8097 kms2uu@virginia.edu</p>
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Members-at-Large

<p>Patrick Barber 2501 Whitehead Rd Keysville, VA 23947 (434) 736-8207 barberpg@longwood.edu</p>	<p>R. Gerald Bass 204 Bishop Lane Lynchburg, VA 24503 (434) 386-3326 robertg.bass@gmail.com</p>	<p>Karen Carter AIBiotech LLC 601 Biotech Drive Richmond, VA 23235 (w) (804) 521-7369 kcarter@aibiotech.com</p>
<p>Rob Davidson Afton Chemical Corporation 500 Spring Street Richmond, VA 23219-3430 (w) (804) 788-6327 (h) (804) 794-2519 (fax) (804) 788-6239 rob.davidson@aftonchemical.com</p>	<p>Dorothy N. Eseonu Department of Natural Science Virginia Union University Richmond, VA 23220 (w) (804) 257-5615 (h) (804) 379-5411 (fax) (804) 354-5928 dneseonu@vuu.edu deseonu@yahoo.com</p>	<p>Brian Moores 13033 Little Bridge Drive Doswell, VA 23047-1705 (h)(804) 227-3149 (cell)(804) 519-4630 mooresb@earthlink.net</p>
<p>Joseph M. Pompano Arista Labs 1941 Reymet Road Richmond, VA 23237 (w) (804) 271-5572 joe.pompano@aristalabs.com</p>	<p>Donald Shillady Department of Chemistry Virginia Commonwealth University Box 842006 Richmond, VA 23284-2006 (w) (804) 828-7508 (h) (804) 550-4704 (fax) (804) 550-4704 quantummechanicsllc@msn.com</p>	<p>Larry H. White 4314 Sky Road Harrisonburg, VA 22802 (h) (540) 833-5270 lwhite@bridgewater.edu</p>

CAN YOU IDENTIFY THIS PERSON?



The subject has just received the national **ACS Award for Encouraging Women into Careers in the Chemical Sciences**. She was born in rural Oklahoma, graduated with an M.S. in chemistry from Oklahoma State University, and earned a Ph.D. in radiation chemistry from Texas Woman's University. She has been a professor of chemistry at Cameron University in Lawton, Oklahoma since 1978. She served as president of the American Chemical Society in 2006. On October 24, 2006 she addressed the Virginia Section in a joint meeting with the Hampton Roads Section. Her talk at the College of William and Mary in Williamsburg was titled "Chemistry—Transforming Lives. The photograph is from 2006.



One of the mystery persons shown in the March Bulletin was Dr. Manfred Psiorz, speaker at the Dec. 1, 2006 Section meeting. Also shown: Ram Bhagat (high school chemistry teacher award winner), Dr. Dorothy Eseonu (Section Chair), Mary Holmgren (middle school science teacher award winner).



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