



The Bulletin
of the
Virginia Section
AMERICAN CHEMICAL SOCIETY

APRIL MEETING NOTICE

University of Virginia
Charlottesville, Virginia

Friday, April 15, 2016

POSTER SESSION: 5:00 - 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 13.

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

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

SPEAKER: **Dr. Barbara Jill Venton, University of Virginia**

TOPIC: ***“Using Analytical Tools to Explore Brain Chemistry”***

APRIL 2016

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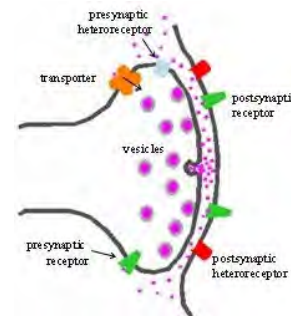
DR. BARBARA JILL VENTON



Jill Venton is an Associate Professor of Chemistry and Neuroscience at the University of Virginia where she heads the Venton Group that is working on analytical neurochemistry. She received her undergraduate degree from the University of Delaware and a Ph.D. from the University of North Carolina, where she worked with Dr. Mark Wightman. She was a postdoc at the University of Michigan before taking a position at the University of Virginia in 2005. Her research is in the development and use of electrochemical sensors for making real-time measurements of neurotransmitters. She has won many awards including the Society for Electroanalytical Chemistry's Young Investigator Award, the Dreyfus Teacher-Scholar, and the Eli Lilly Young Analytical Investigator Award. Dr. Venton has over 60 publications and is on the *C&E News* Advisory Board. She is also active in outreach educational programs for elementary teachers and students and serves as a mentor to the graduate students' LEAD outreach program.

"USING ANALYTICAL TOOLS TO EXPLORE BRAIN CHEMISTRY"

How does your brain chemistry change in response to reward? During neurodegenerative diseases like Parkinson's? Analytical chemists are answering these types of questions by developing tiny sensors that can be used to measure neurotransmitter changes in real time. This talk will cover some of the unique challenges of measuring brain chemistry and how some new tools are giving insight into brain signaling.



COME EARLY ON APRIL 15 TO SEE THE UNDERGRADUATE RESEARCH POSTERS

EXECUTIVE COMMITTEE MEETING

The Executive Committee of the Virginia Section will meet at 9:00 a.m. on **Saturday, May 14** at Pfizer Consumer Healthcare, 1211 Sherwood Avenue, Richmond. Contact Denise Walters, Chair of the Section, for more information or to place items on the agenda: (804) 257-2828; denise.walters@pfizer.com.

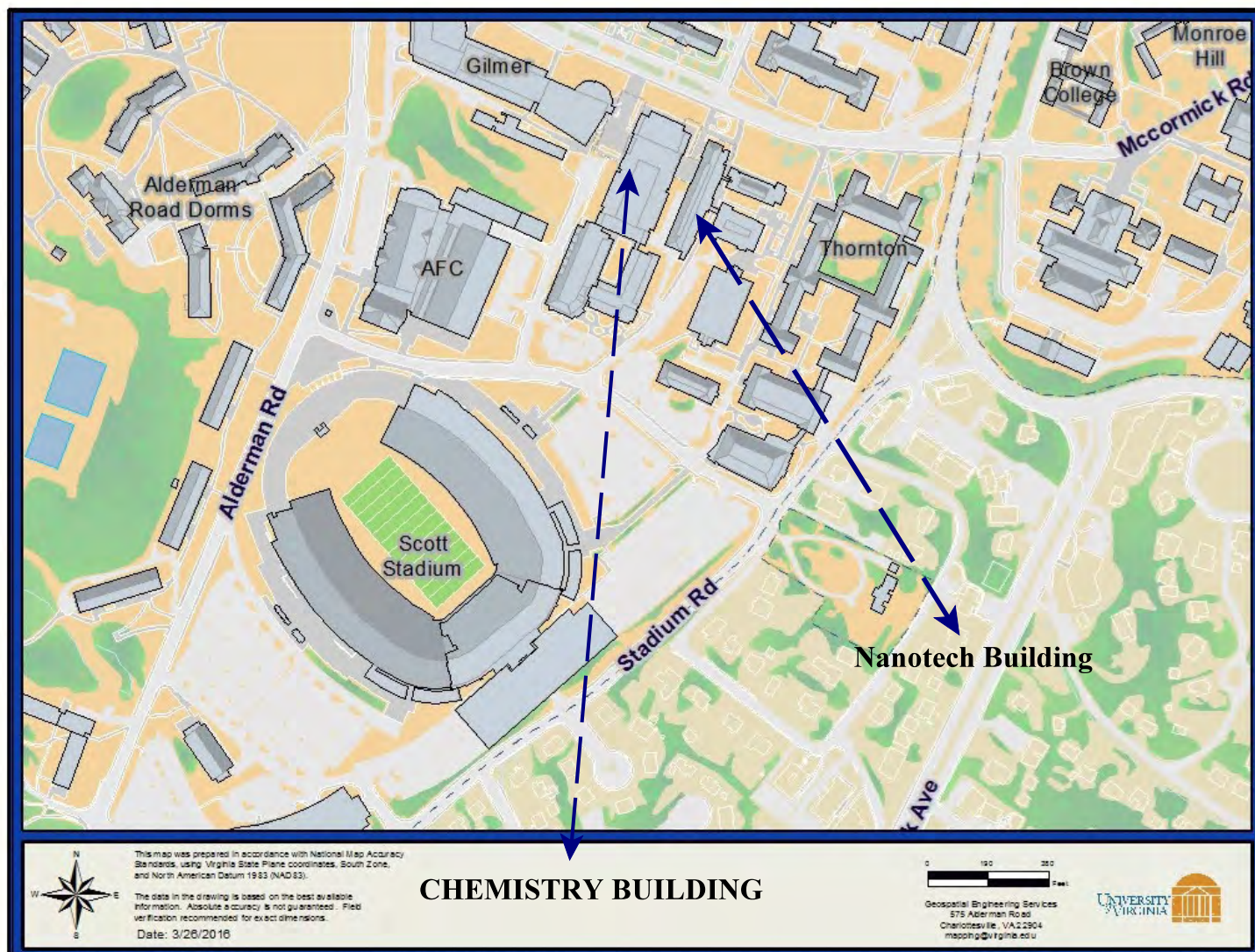
DIRECTIONS

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 and directions at <http://www.virginia.edu/maps/>.**



*** VIRGINIA SECTION NEWS ***

POSTER SESSION

The Virginia Section will hold its annual poster session at the April 15 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/2016-american-chemical-society-poster-session/>. The deadline for registering a poster is **April 11**. 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 15 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 15 and each will receive a certificate of recognition and a special gift from the Virginia Section. Chemistry departments must inform Chair Denise Walters of their nominees. If you have not submitted the name of your outstanding senior chemistry student, please contact Denise at (804) 257-2828; denise.walters@pfizer.com.

CHANGE OF SPEAKER FOR THE APRIL MEETING

A health issue has prevented Dr. Joseph Chipuk from making his scheduled presentation at the April 15 meeting. Dr. Jill Venton graciously agreed to speak at the meeting. We wish Dr. Chipuk well and plan to reschedule his talk.

REPORT ON THE MARCH MEETING OF THE VIRGINIA SECTION

On March 18, about 40 persons celebrated the accomplishments of Mr. Larry White and Dr. Nicholas Farrell at the Annual Awards Meeting of the Virginia Section. The meeting was originally scheduled for January 22 but was postponed due to inclement weather. **Dr. Denise Walters**, Chair of the Section, presided, with assistance from **Dr. Colleen Taylor**, Chair Elect.

Dr. Taylor welcomed everyone to Virginia State University (VSU) and introduced two students who are active members of the VSU student affiliate chapter: **Hillary Mosely**, a senior chemistry major, and **Shanice Flournoy**, a freshman.

Dr. Joseph Crockett, a colleague and friend of **Larry White**, introduced the Distinguished Service Award winner, who described some of his experiences with the Virginia Section. His fifty years of membership in the American Chemical Society include 25 years of teaching chemistry at Harrisonburg High School and work at several colleges and universities within the Virginia Section. He has been actively involved in writing and publishing the history of the Virginia Section and related numerous interesting facts and anecdotes from past years. Dr. Denise Walters presented Larry with the Distinguished Service plaque and Dr. Taylor gave him the traditional Jefferson Cup that is presented to the speaker at each Section meeting. Dr. Taylor noted that the Jefferson Cup now includes the official logo of the Section.

Dr. Nick Farrell was introduced by **Dr. Samy El-Shall**, Chair of the Department of Chemistry at Virginia Commonwealth University. Dr. Farrell discussed his years of work with platinum compounds and the progress his research group has made in developing new platinum-based compounds that have potential as anti-cancer agents. Dr. Walters presented Dr. Farrell with the Section's Distinguished Service Award and Dr. Taylor gave him the Jefferson Cup.

Dr. Walters recognized Dr. Colleen Taylor, recipient of the ACS Volunteer of the Year Award in the Virginia Section. The award will be presented at a future meeting.

Mr. White was accompanied by his wife Amy and their daughters Jenny and Laura. Dr. Farrell's wife Erica, also attended the meeting. Special thanks to **Dr. Yezdi Pithawalla**, Chair of the Awards Committee, for his work on the awards and to Dr. Colleen Taylor and her colleagues and students at Virginia State for planning the excellent meal and meeting.



**Denise Walters and
Larry White**

**Larry White, Denise Walters
Colleen Taylor, Nick Farrell**

**Nick Farrell and
Colleen Taylor**



**Jenny, Amy, Larry,
and Laura White**

**Ken Chapman and
Don Shillady**

**Samy El-Shall with
Erica and Nick Farrell**

**Ellen Gilliam and
Joe Crockett**

THE CHAIR'S CORNER



April in the Virginia Section of the ACS is a time for us to continue the theme that Dr. Diane Grob Schmidt shared with us at the 100th Anniversary Gala: "Looking Forward and Looking Back." As spring comes upon us in Virginia, we look back to the winter snow and look forward to the warmth of spring. The chemistry of new life bursting forth fits well with our first two meetings of 2016.

On March 18, Mr. Larry White, our Distinguished Service Award winner, helped us look back at the history of the section. We are so thankful for his thorough research and humorous anecdotes throughout the centennial year, culminating in his presentation at the March meeting at Virginia State University. The cycle of life and death of people and organizations was striking. I thought of the number of Virginia chemical companies that existed 100 years ago that have changed or are no longer in existence. What a reminder that times change and that we must all be flexible, embrace change, and create something new from the foundation that our past has provided.

The Alan Powell Lecturer, Dr. Dennis Liotta, and our Virginia Distinguished Research Award winner, Dr. Nicholas P. Farrell, both shared their stories about their research and the impact of chemistry in saving lives. What an inspiration it was to gather at the University of Richmond and hear about Dr. Liotta's groundbreaking treatments for HIV and Hepatitis C. I was also touched by the work that Dr. Farrell presented at Virginia State on his research on platinum-based drugs for cancer treatment. Both speakers made me proud to be a chemist and to work in the pharmaceutical industry. What a wonderful reminder that the work that these men and other chemists like them do, saves lives. These speakers embodied the phrase on the ACS logo "Chemistry for Life." I hope each of us will step into the sunshine of each new day embracing chemistry and embracing life.

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

VIRGINIA ACADEMY OF SCIENCE ANNUAL MEETING

**University of Mary Washington
Fredericksburg, Virginia
May 18-20, 2016**



The 94th Annual Meeting of the Virginia Academy of Science will be held at the University of Mary Washington in Fredericksburg on May 18-20. Chemistry presentations will be scheduled for Thursday, May 19. There will be a Poster Session for all Sections that will be set up and stay up all day Thursday, May 19. For more information on the chemistry program, contact Edmund Ndip, Chemistry Section Secretary, at edmund.ndip@hamptonu.edu. Full information about the annual meeting and about Academy membership can be found on the Academy's website: <http://www.vacadsci.org>. Online preregistration is available through **April 29**.

CHEMISTRY AT THE UNIVERSITY OF VIRGINIA

The University of Virginia Department of Chemistry combines outstanding physical facilities with a close-knit community of scholars. With a faculty size of 30, a graduate student body of about 109, 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 30 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, the Williams F. Meggers Award (from the Optical Society), and the Charles H. Herty Medal. 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, the Defense Forensic Science Center Fellowship, the Jefferson Dissertation Year Fellowship, and the Achievement Reward for College Scientists (ARCS).

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. 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, Chemistry of the Universe and Catalysts for New Energy Processes. Faculty in the Chemistry Department participate in several research centers, including the Center for Nano-biosystems research, the Center for Molecular, Optical and Atomic Science, MAXNET Energy, the Center for Astrochemistry, the Center for Membrane Biology, the Cardiovascular Research Center and the UVA Cancer Center. These programs, along with ongoing research in analytical methods, synthetic inorganic and organic chemistry, chemical biology, 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 early 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.





CHEMISTRY SEMINARS AT THE UNIVERSITY OF VIRGINIA

- April 8 - Professor **Darrell Irvine**, Massachusetts Institute of Technology, "Engineering Immunity with Hitchhiking Therapeutics"
- April 15 - Professor **Mike Hagan**, Brandeis University (seminar at **3:00 p.m.**), "Cargo Encapsulation by Self-assembling Icosahedral Containers"
- April 22 - Professor **Jack Szostak**, Harvard University, "The Origin of Cellular Life" (**Hecht Lecture**)
- April 29 - Professor **Marsha Lester**, University of Pennsylvania, "Exploring Uncharted Regions of Atmospheric Reaction Pathways"

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 14 - **Dr. Martin Head-Gordon**, University of California, Berkeley
- April 26 - **Dr. Indika Arachchige**, VCU Department of Chemistry

Seminars are held at 3:30 p.m. in the Kapp Lecture Theater, 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) 2016



Earth Day began in April 1970. The ACS has been celebrating Earth Day since 2003. The Virginia Section began its involvement in CCED in 2006 and has won several national ACS awards for its Earth Day activities. The national ACS theme for 2016 is "The Great Indoors – Your Home's Ecosystem."

The Virginia Section is making plans to participate in CCED this year. Dr. Kristine Smetana, Chair of the Section Committee on Community Activities, will be organizing the activities. The Section is actively seeking groups and organizations to sponsor more CCED activities. Contact Kristine at kristine-chris@msn.com with suggestions for other CCED events and to volunteer your assistance.

COMMUNITY COLLEGES IN THE VIRGINIA SECTION

COLLEGE	LOCATION	TELEPHONE	WEBSITE
Blue Ridge	Weyers Cave	(540) 234-9261	brcc.edu
Germanna	Locust Grove Fredericksburg	(540) 423-9030 (540) 891-3000	germanna.edu
John Tyler	Chester Midlothian	(804) 796-4000 (804) 594-1400	jtcc.edu
Lord Fairfax	Middletown Warrenton	(540) 868-7000 (540) 351-1505	lfcc.edu
Northern Virginia	Manassas Woodbridge	(703) 323-3000 or (877) 408-2028	nvcc.edu
Piedmont Virginia	Charlottesville	(434) 977-3900	pvcc.edu
Rappahannock	Warsaw	(804) 333-6700	rappahannock.edu
Reynolds	Richmond, Henrico, Goochland	(804) 371-3000	reynolds.edu
Southside Virginia	Alberta Keysville	(434) 949-1000 (434) 736-2000	southside.edu
Thomas Nelson	Williamsburg	(757) 253-4300	tncc.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 19 at Clover Hill High School.



The chemistry winners:

First Place - **Matthew Lim**, Godwin High School, Henrico County - \$100.00; *"The Effect of Various Natural Dessicants on the Ability to Remove Moisture"* (sponsor Teacher: Dana Delano)

Second Place - **Noah Hull**, Godwin High School, Henrico County - \$50.00; *"Crude Oil Viscosity Reduction with Electric and Magnetic Fields"* (sponsor Teacher: Dana Delano)

Third Place - **Zachary Gager**, Clover Hill High School, Chesterfield County - \$25.00; *"The Effect of Burning Different Diesels on the pH of Nearby Water Sources"* (sponsor teacher: Jeremy Lloyd)

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

REPORT ON THE YCC DINNER AND TALK AT THE BLUE BEE CIDERY

On Friday, March 25, the Younger Chemists Committee (YCC) held its first "Dinner and Talk" event at the Blue Bee Cidery. This event launched a new series of events aimed towards the younger chemist population in the Virginia Section of the ACS. The aim of these events is to allow YCC members to gain exposure to different fields of chemistry while networking with other chemists in the section. The March event took place at the Blue Bee Cidery, located in the Manchester District of Richmond. While at the event, members enjoyed refreshments and the featured speaker, Kathryn Deibler, gave a talk titled "A Career in Flavor Chemistry." Attendees included local college students, industry professionals, and guests. Kathryn talked about the science behind flavor chemistry and her journey through her career in flavor chemistry. Her talk concluded with an interactive demonstration of the effects of the Miraclefruit and how it can change the way your taste buds perceive taste. The YCC is looking forward to having future events like this and is actively looking for volunteer speakers who are willing to participate. If anyone is interested in giving a talk at a YCC event or would like to be added to the YCC email list and learn about future events, please contact YCC Chair Heather Lourenco at heathernlourenco@gmail.com. Like us on Facebook to hear the latest information about YCC events: https://www.facebook.com/Virginia-Younger-Chemists-Committee-502648249881613/?ref=aymt_homepage_panel.

...Heather Lourenco, 2016 Chair, YCC



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*: Here are some events from a year in the life of the Virginia Section—activated a new standing committee on Civil Defense; awarded the Distinguished Service Award to Dr. Alfred Burger; contributed \$1,000 to the Virginia Institute of Scientific Research for their new building; broadcast seven television programs in two series, "Frontiers in Chemistry" and "Miracle Makers." **Was the year 1941, 1961, 1981, or 2001?** The year was 1961. Fred Millhiser was Chairman of the Section. There were ten Section meetings, five of them in Richmond, two in Charlottesville and one each in Williamsburg, Lexington, and Hopewell. Dr. Alfred Burger of the University of Virginia, recipient of the Distinguished Service Award, spoke at the December 15 meeting on "Medicinal Chemistry—Its Problems and Hopes."



Alfred Burger

A new question from the past. The Virginia Section has had a Vice Chair position since its inception in 1915 (the position was then known as “Vice-President” and later as “Vice-Chairman”). For one year, the Section had a Vice-Chairman and four Regional Vice-Chairmen, responsible for the areas of Charlottesville, Elkton, Hopewell, and Waynesboro. The regional officers helped with meetings in the different localities. The rationale for this arrangement, which lasted only one year, had to do with limiting the travel distances to meetings. **In what year did the Section have four Regional Vice-Chairmen?**

CAN YOU IDENTIFY THESE PERSONS?



The photograph shows four officers of the Virginia Section in 1945—the Chairman, the Executive Vice-Chairman, the Secretary, and the Treasurer. At the time, one of the four was a research chemist at the Virginia-Carolina Chemical Corporation in Richmond, one worked for E.I. DuPont de Nemours in Richmond, one was the Assistant Director of Research at the American Tobacco Company in Richmond, and the other was on the chemistry faculty at the University of Virginia. Three of the four served terms as Chairman of the Virginia Section and three of them received Distinguished

Service Awards from the Section. One was a direct descendent of Thomas Jefferson.

Here are the four ladies who were shown in the “mystery photo” from the March *Bulletin*: (left to right) Dr. Ann Sullivan, Dr. Linette Watkins, Dr. Kristine Smetana, Dr. Karen Carter. Dr. Sullivan, Dr. Watkins, and Dr. Smetana are Virginia Section Councilors and Dr. Carter was Chair of the Section in 2012. Seated behind them are Dr. William Myers, Professor of Chemistry at the University of Richmond, and Mr. Steve Hutcherson. The photograph was taken on February 19 at the Powell Lectureship at the University of Richmond.



EMAIL ADDRESS FOR SECTION TREASURER

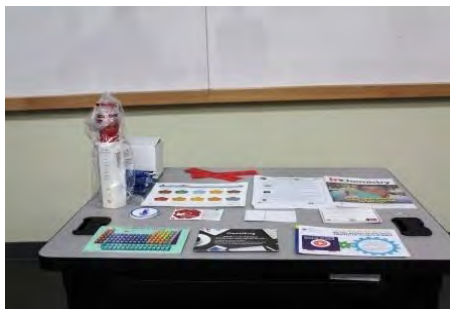
The email address for Thad Hannel, Virginia Section Treasurer, that was listed on the Virginia Section Executive Committee directory in the March *Bulletin* was incorrect. The correct address is Thaddaeus.Hannel @ altria.com.

**WORDS OF WISDOM FOR APRIL: “Patience Is A
Good Remedy For Every Problem”**

CHEMISTRY IN A BOX PROGRAM AT VSU

On February 9, The Virginia State University ACS Student Affiliate Chapter/Chemistry Club participated in the program in a box, "The Role of Chemistry in Global Security." This event was very informative for the members who attended. Activities were based on the topic of global security, including identifying chemical agents once used in chemical warfare. Students learned the importance of chemistry in global security. Members were able to engage in conversation and to ask questions via chat to other ACS members across the country and experts in the field. An on-demand recording is available at:

<http://www.acs.org/content/acs/en/acs-webinars/program-in-a-box/pib-on-demand/security.html>.



ACS WEBINARS

ACS Webinars® is a free, weekly online event connecting ACS members with subject matter experts and global leaders in chemical sciences, management, and business. Each webinar is about 60 minutes in length, comprising a short presentation followed by a question and answer session. The live webinars are scheduled on Thursdays at 2 p.m. Recordings of past webinars are available online. For a schedule of upcoming events and more information on ACS Webinars, go to <http://www.acs.org/content/acs/en/acs-webinars.html>. Here are a few upcoming webinars:

April 7 - "Chemistry of Go: Innovations in Alternative Fuels"

April 14 - "Creating a Standout Professional Development Plan"

April 28 - "Analytical Challenges of Food Contact Materials"



100TH ANNIVERSARY GALA

The 100th Anniversary Gala was held at the DoubleTree by Hilton Hotel in Richmond on Saturday, October 24, 2015. Over 140 persons attended the reception, dinner, and program to celebrate the Section's centennial. Reports on the Gala are being included in issues of *The Bulletin*. Earlier reports appeared in the November and December, 2015 issues and in the January and February, 2016 issues.

DIANE GROB SCHMIDT PRESENTS ACS PROCLAMATION



At the 100th Anniversary Gala on October 24, 2015, the Virginia section was honored to have Dr. Diane Grob Schmidt, the 2015 president of the American Chemical Society, as the keynote speaker. Dr. Schmidt congratulated the Virginia Section on its 100 years of service to the ACS and the chemical profession. In her presentation, titled "Looking Back, and Looking Forward," she challenged the Section to continue its active involvement in areas of concern to chemistry and to the public. She then presented Dr. Todd Koch, 2015 Chair of the Section, with an official proclamation from the American Chemical Society.



Presented to the

*Virginia Local Section,
American Chemical Society*

*To commemorate the 100th anniversary
of its establishment in 1915,
and in recognition of its continuing efforts
to advance the broader chemistry enterprise
and its practitioners
for the benefit of Earth and its people.*

Diane Grob Schmidt
Diane Grob Schmidt, Ph.D.
President

October 24, 2015



**Dr. Schmidt toasts
the Virginia Section**



**Dr. Koch receives the
ACS proclamation
from Dr. Schmidt**



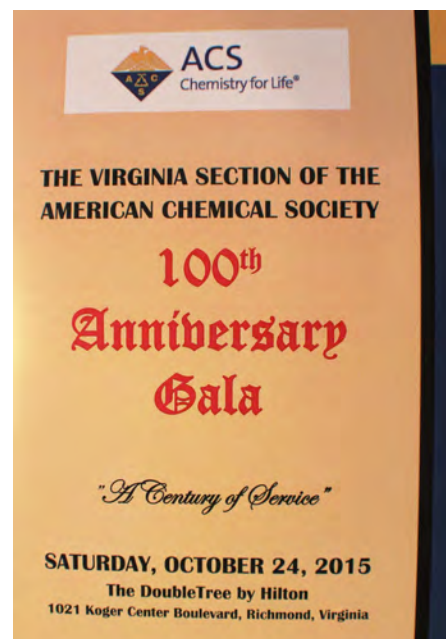
**Dr. Walters presents
Dr. Schmidt with a
Jefferson Cup**

THE COMMEMORATIVE PROGRAM FOR THE GALA

Each person who attended the *100th Anniversary Gala* on October 24 received a 24-page commemorative program booklet for the event. The full booklet is now available on the Virginia Section website: <http://www.virginia.sites.acs.org/>. You will find a **100th Anniversary** tab under the **History** tab at the top of the web page. Choose the **Gala Program Book and Cover** to see the pdf file for the entire program.

Here are a few items that are included in the program booklet:

- the program for the Gala celebration
- a message from Todd Koch, the 2015 Chair of the Virginia Section
- the members of the 100th Anniversary Gala Committee
- a biography for Dr. Diane Grob Schmidt, President of the ACS and keynote speaker
- information on the *R. Gerald Bass Award for Exceptional Service*
- a brief history of the Virginia Section
- a map of the Virginia Section and a list of counties and cities in the Section
- the 1915 charter for the Virginia Section
- the chairs of the Virginia Chemist Club and the Virginia Section, 1907-2015
- the Distinguished Service Award winners, 1948-2014
- the Virginia Section ACS Fellows
- the Virginia Section Excellence in Teaching Awards winners
- the Virginia Section Industrial and Special Award winners
- Virginia Section Activities and Events
- the 2015 Virginia Section Executive Committee
- a Certificate of Recognition from the Governor of the Commonwealth of Virginia
- a Proclamation from the City of Richmond
- a Resolution of the Board of Supervisors of Chesterfield County
- greetings from United States Senator Mark R. Warner
- recognition of Gala sponsors and advertisers



PRESENTATION OF THE R. GERALD BASS AWARD FOR EXCEPTIONAL SERVICE

One of the highlights of the *100th Anniversary Gala* was the presentation of the **R. Gerald Bass Award for Exceptional Service**. This is a new award by the Virginia Section, designed to honor the outstanding service that volunteers provide to the Section. The first presentation of the award was made to the person for whom the award is named – Dr. R. Gerald Bass. Dr. Bass was introduced by Dr. William Welstead, Trustee for the Virginia section. Here is the beginning of Bill's introduction of Jerry.



"It is my great pleasure and honor to introduce to you the first recipient of the R. Gerald Bass Award for Exceptional Service at the 100th Anniversary Celebration of the Virginia Section of the American Chemical Society – and if you haven't guessed it by now – it is the man for whom the award is named, Dr. Jerry Bass.

Jerry would you stand and be recognized, along with your lovely wife Sue.

Dr. Bass is a native of Norfolk, Virginia and attended Norview High School where his high school science teacher, the late Mr. Frank Kizer, instilled in him the love of science, and chemistry in particular. Mr. Kizer himself became one of the Sections most beloved and honored members. Each year we honor a high school teacher with the Franklin D. Kizer Distinguished High School Teacher Award. With Mr. Kizer as his science teacher, it is no surprise that Dr. Bass would follow his mentor's footsteps as an example of exceptional service and professional accomplishment.

We are honored to have Frank Kizer's wife, Helen Kizer, with us tonight. Mrs. Kizer would you raise your hand and be recognized. Mrs. Kizer, though not a chemist, would always attend ACS meetings with Frank and is much beloved by the Section."



The full text of Dr. Welstead's introduction can be found on the Virginia Section website:
<http://www.virginia.sites.acs.org/>.



After Dr. Welstead's remarks, Dr. Todd Koch, Chair of the Virginia Section, assisted him in presenting a plaque to Dr. Bass. Dr. Denise Walters, Chair-Elect of the Section, then presented Dr. Bass with a very special gift – a quilt that she made for him, featuring images of Jerry.