



**NOVEMBER MEETING NOTICE**

**University of Mary Washington  
Fredericksburg, Virginia**

**Friday, November 8, 2013**

**NOVEMBER 2013**

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
	<small>reservations</small>				<small>meeting</small>	
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**WWC CAREER  
PANEL:**

**5:30 p.m.**  
Room 100, Jepson  
Science Center  
College Avenue

**SOCIAL HOUR:**

**6:30 p.m.**  
Room 219, Jepson  
Science Center

**PROGRAM:**

**7:30 p.m.**  
Room 100  
Jepson Science Center

**MENU:**

Heavy Hors-d'oeuvres (many kinds), hot apple cider, assorted soft drinks

**PRICE:**

ACS Members & Guests - \$12.00  
High School Students, College Students, High School Teachers - \$6.00  
Retired ACS Members & Spouses; Retired Teachers & Spouses - \$7.00

**DINNER  
RESERVATIONS:**

Please make reservations by **3:00 p.m.** on **Monday, November 4**  
by calling Nicole Johnson at (540) 654-1016 or by e-mail to  
[nargenzi@umw.edu](mailto:nargenzi@umw.edu)

**HOST:**

Dr. Janet Asper, (540) 654-1143, [jasper@umw.edu](mailto:jasper@umw.edu)

**SPEAKER:**

**Dr. Janet Asper, University of Mary Washington**

**TOPIC:**

**“From Diapers to the *Deepwater Horizon*. Structure,  
Applications, and Synthesis of Superabsorbent  
Polymers”**

## DR. JANET A. ASPER



Janet Asper is currently an Associate Professor of chemistry at the University of Mary Washington. She earned her Ph.D. in organic chemistry at the University of Pittsburgh, then taught at several colleges and universities in Colorado. She joined the faculty at UMW in 2005. Her research has focused on development of new protecting group strategies for alkyl guanidines. Since 2012, she has been working with chemists at the Naval Surface Warfare Center at Dahlgren on non-classified projects. Her project has been the development of superabsorbent polymers for oil spills. In 2013, she was awarded an Office of Naval Research Summer Faculty Research Fellowship. Janet is active in the ACS, serving as an Alternate Councilor for the Virginia Local Section, and at the national level as an Associate Member of the Committee on Community Activities. In her free time, Janet enjoys reading, bird watching, spending time with her family, and competitive shooting.

### **“From Diapers to the *Deepwater Horizon*. Structure, Applications, and Synthesis of Superabsorbent Polymers”**

If you've ever changed a modern, disposable diaper, you have probably marveled at the incredible absorption capacity of the polymer material at its core. Superabsorbent polymers continue to find new applications as they are synthesized to absorb a wider range of solvents. The development of polymers capable of absorbing oil, especially oil suspended in water, is an area of great interest. In this talk, I will describe the history and basic chemistry of superabsorbent polymers and my recent efforts to synthesize a hydrophobic, oil absorbing polymer.

## THE CHAIR'S CORNER

As we approach the end of another year for the Virginia Section, we need to address the positives that we have accomplished—and we need to write these up and present them in our annual report—and those activities that we may not have done as well as we had hoped. We always have something that we want to do better. This latter set needs new people as a catalyst to lower our energy of activation and get the newer activities off the ground. As I look at the current executive committee of the section, I see extremely hard working people who give a great deal of time and energy to the section, but they cannot do it all. We need new faces willing to step in, provide new energy, and take the section to new levels. We need people from all areas of chemistry—academia (high school, community college and four year colleges) and industry—to replace those who will be stepping down in the next years as they retire.



The executive committee will be meeting in January. If you are willing to work to make Chemistry in our section better, please attend. If you want to work on a specific project—i.e. National Chemistry Week—we can steer you in the right direction.

As I complete this year as your chair, and I'm also stepping down as department chair at Bridgewater, I want to thank ALL of the section members, the executive committee, and my fellow officers for their hard work and the support they have given me this year. The year has flown by and things have run smoothly, thanks to your efforts.

Joseph M Crockett, Professor of Chemistry and Chair  
Bridgewater College  
402 East College Street  
Bridgewater, VA 22812  
(540)-828-5431  
jcrocket@bridgewater.edu

## DIRECTIONS

Fredericksburg is located just off I-95, about 50 miles north of Richmond. Traveling **from the south** on I-95, take Exit 130B, Rt. 3, East at Fredericksburg. Turn right in 1.6 miles on to Rt. 1 North. Turn right in 0.5 miles, on to College Avenue. The parking lot for Jepson Science Center is the second driveway on the left. Enter the building through the side entrance, or walk around to the front of the building. Room 100 is in the basement of the Jepson Science Center.

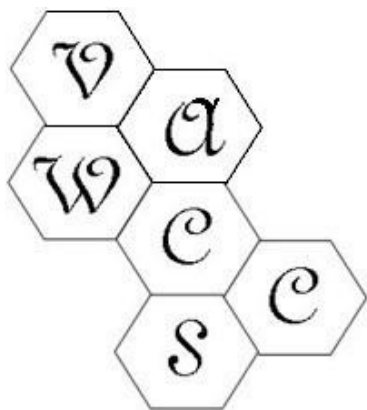


**From the north**, take Exit 133A, Rt. 17, South toward Falmouth. Turn right in 2.1 miles, on to Rt. 1 South. Turn right in 1.3 miles on to College Avenue. The parking lot for Jepson Science Center is the second driveway on the left. Enter the building through the side entrance, or walk around to the front of the building. Room 100 is in the basement of the Jepson Science Center.

## MAP



## The Women Chemists Committee Presents



# The Fifth Annual Chemistry Career Discussion Panel

November 8, 2013  
5:30 pm

Room 100, Jepson Science Center  
University of Mary Washington

For students, ACS members, and guests interested in careers in the chemical sciences. Speakers representing non-traditional careers for chemists will share their career stories and answer questions.

Questions should be directed to the meeting host, Dr. Janet Asper, at [jasper@umw.edu](mailto:jasper@umw.edu)

Sponsorship provided by:



*Celebrating 125 years of commitment  
to the Richmond Community.*



*where great minds get to work*

## ELECTION OF 2014 OFFICERS

This year the Virginia Section again will be using electronic balloting for officer elections. The Nominations Committee has selected the Survey Monkey program for the balloting for 2014 officers. The Section Roster has been provided by the National ACS and everyone on that roster who has a listed e-mail address should have received an e-mail message giving the instructions for voting and a link to the balloting site. Voting will **terminate on November 8**. If you did not get an election e-mail or would like to vote by paper ballot, please contact the Nominations Committee. Biographical statements for the candidates selected by the Nominations Committee are included on the ballot and are given below. Write-in candidates will be accepted on both the electronic and paper ballots. Dr. Karen Carter is the Chair of the Virginia Section Nominations Committee: (804) 521-7369; [kcarter@aiotech.com](mailto:kcarter@aiotech.com).

**For CHAIR: Dr. Scott Gronert****Virginia Commonwealth University**

Dr. Scott Gronert is Professor of Chemistry and Chair of the Department of Chemistry at Virginia Commonwealth University. He holds a B.S. degree from California State University at Long Beach and a Ph.D. from the University of California, Berkeley. He did postdoctoral research at the University of Colorado. He began his academic career in 1990 at San Francisco State University and rose to the rank of Professor in 1997. In 2007 he joined the faculty at VCU and became Chair of the Department of Chemistry in 2009. His research focuses on the use of mass spectrometry in the investigation of problems in organic and biological chemistry. His work involves gas-phase reaction mechanisms and the analysis of protein post-translational modifications related to aging. Scott was Vice Chair of the Section in 2012.

**For CHAIR-ELECT: Dr. Todd Koch****Pfizer Consumer Healthcare**

Todd Koch is a Senior Director leading the Global R&D Operations Analytical Science team at Pfizer Consumer Healthcare in Richmond. He has been with Pfizer Consumer Healthcare (formerly Wyeth Consumer Healthcare) for 18 years holding a variety of leadership positions in the Analytical Development and Product Development groups. Prior to joining Pfizer Consumer Healthcare, Todd spent six years characterizing new chemical entities at the Robert Woods Johnson Pharmaceutical Research Institute. He has a B.S. degree in Chemistry from the State University of New York at Brockport and a Ph.D. in Physical Chemistry from the State University of New York at Binghamton. Todd has been an ACS member since 1991 and a member of the Virginia section since 1997.

**For VICE CHAIR: Dr. Denise Walters****Pfizer Consumer Healthcare**

Denise Walters is a Principal Scientist in the Global R&D Operations Analytical Development team at Pfizer Consumer Healthcare in Richmond. She has been with Pfizer Consumer Healthcare (formerly Wyeth Consumer Healthcare) for 14 years holding a number of technical leadership positions in various Analytical Development groups. Prior to joining Pfizer Consumer Healthcare, Denise worked for 5 years as a study director/task leader at Battelle Memorial Institute in Columbus Ohio, supporting analytical projects for both industrial and government contracts. Prior to that she worked for 3 years as a research scientist in pharmacokinetics and analytical development at Whitby Research in Richmond Virginia. She has a B.S. degree in Chemistry and a Ph.D. in Pharmacy from Virginia Commonwealth University. Denise has been an ACS member since 1985 and has been an active member of the Virginia Chapter since 2000.

**For SECRETARY: Dr. Dustin Haddenman****AlBioTech**

Dr. Dustin Haddenham is a Senior Scientist, in the Bioorganic Chemistry group at AlBiotech. Dr. Haddenham is an experienced Organic Chemist who began his career working as a process chemist with Boehringer Ingelheim Chemicals in Petersburg, VA where he specialized in project management of technology transfers and process troubleshooting of active pharmaceutical ingredient manufacturing processes. After working with Boehringer for 2 years, Dr. Haddenham moved to AlBiotech where he is part of the bioorganic group focused on design and synthesis of small molecules on the gram scale. Dr. Haddenham received a BS degree in Biochemistry from California Polytechnic State University - San Luis Obispo, CA and a Ph.D. degree in Organic Chemistry from the University of California at Santa Cruz, CA. He has also completed post-doctoral work at Vanderbilt University in Nashville, TN. Dr. Haddenham has authored many peer reviewed research papers on topics ranging from the development of small molecule allosteric modulators of the CNS system to borane reduction methodology development.

**For TREASURER: Dr. Stephanie Mabry****Afton Chemical**

Dr. Stephanie Mabry has been an ACS member since 1992 and a member of the Virginia Section since 2004. Dr. Mabry was the Treasurer of the section in 2012-2013. In prior years, she served as Chair, Vice-Chair, Secretary, WCC Chair, and Entertainment Committee Chair. She has a B.S. in chemistry from West Virginia University and a Ph.D. from the University of Illinois at Urbana-Champaign. Currently, Dr. Mabry is a Sr R&D Scientist and group leader in the Analytical Department at Afton Chemical in Richmond. Her professional experience includes Group Leader at Rayonier's Research Center, Instrument Manager at the University of Maryland-Baltimore County, Research Scientist at Insmed, and Adjunct Instructor at J. Sargeant Reynolds Community College.

**For COUNCILOR (three-year term): Dr. Ann Sullivan J. Sargeant Reynolds Comm. College**

Dr. Ann Marie Sullivan is currently a Professor of Chemistry at J. Sargeant Reynolds Community College in Richmond. Dr. Sullivan earned her B.S. in Chemistry degree from Virginia Tech and a Ph.D. from Virginia Commonwealth University (1993). She has taught chemistry full-time in the Virginia community college system since 1993 and is currently the Assistant to the Dean of the School of Mathematics, Science and Engineering. Ann has been very active in the local section, serving as Secretary, Vice Chair, Chair Elect, and Chair during the period 1998-2001. In the past she chaired the Entertainment Committee and is now chair of the Chemistry Olympiad Committee and the Section Webmaster. She has been a Councilor since 2007.

For ALTERNATE COUNCILOR (three-year term): **Dr. Janet Asper**

**University of Mary  
Washington**

Janet Asper is an Associate Professor of Chemistry at the University of Mary Washington. She earned a Ph.D. in chemistry from the University of Pittsburgh (2001) and a B.S. in biochemistry and zoology from Ohio University (1994). Her research interests include organic and polymer chemistry, including protecting group methods for the guanidine functional group, super absorbent polymers. Janet is seeking re-election as an alternate councilor. During her first term, she was named to ACS Committee on Community Activities and is serving on the Chemists Celebrate Earth Day 2015 Theme Team. She is a former chair of the Colorado Section of the ACS and is a member of the Chemical Education and Organic Chemistry divisions of the ACS.

For ALTERNATE COUNCILOR (one-year term): **Dr. Joseph Crockett** **Bridgewater College**

Joe Crockett is currently Virginia Section Chair and a Professor of Chemistry and Department Chair at Bridgewater College in Bridgewater, Virginia. Joe is a graduate of Hampden-Sydney College (B.S. in Mathematics, 1973) and the University of North Carolina (Ph.D., 1979). He taught at Tulane University (1977-79) and at Baker University in Kansas (1979-85) before coming to Bridgewater in 1985. Joe has been active in the local section, serving as Vice Chair, Chair Elect, and Chair during the period 1989-91 and again from 2011-2013. He has been a member of the Executive Committee since 1986 and is currently the chair of the Safety Committee.

For TRUSTEE (three-year term): **Dr. Philip Burks**

**The DuPont Company (retired)**

Prior to retirement, Dr. Philip P. Burks, Jr. was a Research Associate in the Advanced Fibers Systems unit of the DuPont Co. in Richmond. Phil received his B.S. in chemistry at UNC-Chapel Hill and his Ph.D. from Florida State University. He joined DuPont in 1970, working at their plant in Kinston, North Carolina, before moving to their Richmond facility in 1980. His R&D activities involved process and product development with fibers including Dacron<sup>®</sup>, Orion<sup>®</sup>, Teflon<sup>®</sup> and Nomex<sup>®</sup> brands, and with Nomex<sup>®</sup> brand paper. He is the lead inventor on two patents, for a fiber lubricant and for a multi layer paper. Phil joined the ACS in 1964 and has served in several offices including Chair in two different sections, the Eastern North Carolina Section and the Virginia Section (Chair in 1994). He has been a Trustee since 2002.



## **CHEMISTRY SEMINARS AT THE UNIVERSITY OF VIRGINIA**

November 8 - **Professor Puru Jena**, Virginia Commonwealth University - "Beyond the Periodic Table: Role of Superatoms"

November 15 - **Professor Michel Etienne**, University of Toulouse, "From C-C Agostic Interactions to C-H Bond Activation"

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/>.

## **SEMINARS AT VIRGINIA COMMONWEALTH UNIVERSITY**



November 12 - **Dr. Joel Harris**, University of Utah - **John B. Fenn Memorial Lecture**

November 14 - **Dr. Miklos Kertesz**, Georgetown University, "Pancake Bonding Is Different from  $\pi$ - $\pi$  Stacking: Interpretations with Molecular and Solid State Examples"

November 21 - **Dr. Frank Gupton**, Virginia Commonwealth University, "Record Keeping and Patents"

November 26 - **Dr. Richard Kiethley**, Roanoke College, "Eavesdropping on Biology, One Cell at a Time"

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

## CHEMISTRY AT THE UNIVERSITY OF MARY WASHINGTON



*where great minds get to work*

The chemistry program at the University of Mary Washington is beginning its fourteenth year in the Jepson Science Center. The facility provides student research space; modern teaching labs, including an organic chemistry lab with hood space for every student; and state-of-the-art multimedia and Internet capabilities. Seven full-time faculty teach a traditional chemistry major with 10-15 graduating seniors each year. The department's program is approved by the ACS and it offers an ACS-certified degree as an option. In addition to the usual courses in organic, analytical, and physical chemistry, a full year of biochemistry with lab is available as an elective, as are courses in inorganic chemistry with lab and environmental chemistry with lab. The general chemistry and analytical programs use several cooperative, discovery-based experiments in the laboratory. The department is well-equipped, providing all students with hands-on experience with a variety of techniques and instruments, including 60 and 300 MHz H-NMR and C-NMR, FT-IR, GC/MS, ICP, and a scanning probe microscope. Many students do undergraduate research and have presented their results at local, regional, and national meetings. UMW chemistry graduates have earned advanced degrees at schools such as UVA, VCU, MIT, Princeton, Florida, Johns Hopkins, and Maryland and medical degrees at UVA, MCV, and EVA. Other graduates have gone directly to work at government labs including NIH, the Naval Research Lab, and the Patent Office, or for industries such as Dow Chemical, Philip Morris, Wyeth, and Virginia Power.



### CHEMISTRY OLYMPIAD SCHOOL AND TEAM AWARDS

The results for the Virginia Section's 2013 Chemistry Olympiad were listed in the September issue of the Bulletin, but the names of the chemistry teachers at the high schools that received school and team awards were not included. They are given here.

#### School Awards:

First Year Exam - Prince George High School - **Dr. Kevin Moore** and **Mr. Hanson Ely**

Second Year Exam - Albemarle High School - **Ms. Erika Gearhart**, **Mr. Carey Oliver**, and **Ms. Carol Peters**

#### Team Awards:

First Year - Small School - The Governor's School of Southside Virginia at Alberta - **Dr. Lucy Duah-Williams**

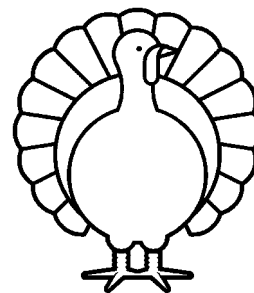
First Year - Large School - Prince George High School - **Dr. Kevin Moore** and **Mr. Hanson Ely**

Second Year - Small School - The Governor's School at Innovation Park - **Ms. Jenny England**

Second Year - Large School - Western Albemarle High School - **Ms. Carol Stutzman**



# HAPPY THANKSGIVING



## ...A LOOK BACK...

Some past meetings of the Virginia Section:

**One Year Ago:** November 8, 2012, University of Mary Washington - **Charles Sharpless**, University of Mary Washington, "Dirt du Soleil: The Photochemical Circus of Organic Matter and Its Environmental Consequences"

**Five Years Ago:** November 21, 2008, University of Mary Washington - **Marvin Lang**, University of Wisconsin-Stevens Point, "Elements of Leadership: Chemical Demonstrations with a Theme"

**Ten Years Ago:** November 14, 2003, Mary Washington College - **Ralph Allen**, University of Virginia, "The Analytical Chemist in the Fight Against Crime"

**25 Years Ago:** November 18, 1988, Mary Washington College - **Thomas Whitesides**, Eastman Kodak Company, "The Inside Story of Color Photography"

**50 Years Ago:** November 8, 1963, General Wayne Motor Inn, Waynesboro - **Henry Leidheiser**, Virginia Institute for Scientific Research, "Key Problems and Recent Advances in the Field of Surface Chemistry"

**60 Years Ago:** November 13, 1953, Medical College of Virginia, Richmond - **W. G. Frankenburg**, General Cigar Company, "Catalytic and Biocatalytic Effects in the Tobacco Plant"

## QUESTIONS FROM THE PAST

This question was asked in the October Bulletin: The Virginia Section has been giving Outstanding Innovation awards since 1997. Twelve persons have received this award. However, only two individuals hold both an Outstanding Innovation Award and a Distinguished Service Award from the Virginia Section. **Who are the two persons who have received both awards?** **Dr. William J. Welstead, Jr.** received the Distinguished Service Award in 1983 and the Outstanding Innovator Award in 1999. Nobel Laureate **Dr. John B. Fenn** received both the Outstanding Innovation Award and the Distinguished Service Award in 2004.

A new question from the past: In October, the Virginia Section celebrated National Chemistry Week. The section has participated in NCW since its inception in 1987 as National Chemistry Day. There were a variety of activities throughout the Section on Friday, November 6, 1987 to celebrate that first National Chemistry Day. **Can you remember any of those NCD-1987 activities?**

## CAN YOU IDENTIFY THESE PERSONS?



The photo was taken in Fredericksburg at the Virginia Section meeting on November 22, 2002. One of the persons shown was Chair of the Virginia Section. The other was recognized at the meeting for being a member of the American Chemical Society for 50 years. She wrote an article on her personal involvement in 1954 with a new substance that later became known as "Teflon." Her article was published in the January, 2003 issue of the Virginia Section Bulletin.

The "mystery persons" shown in the October Bulletin are Dr. James J. Bohning and Dr. James Demas; the photograph was taken at the November, 2002 meeting in Fredericksburg. Dr. Bohning was the speaker at that meeting.







**November 12-17, 2013**

**Loews Hotel Atlanta**

**Atlanta, Georgia**



– SYMPOSIA – GENERAL SESSIONS – POSTER SESSIONS – EXPOSITION – SCIMIX –  
 – HIGH SCHOOL PROGRAMS – UNDERGRADUATE PROGRAM – TEACHERS PROGRAM –  
 – GRAD SCHOOL FAIR – BUSINESS RELATED SEMINARS – AWARDS DINNER –  
 – WORKSHOPS – CAREER ACTIVITIES – EARLY BIRD RECEPTION –

Fifty-seven sessions and workshops, 24 exhibitors, and much more! Registration is now open for the Southeast's primary chemistry conference. Register on line at <http://sermacs2013.org>.

## ***VIRGINIA SECTION AWARD WINNERS***

The Virginia Section of the ACS presents these three teaching awards annually: the Franklin D. Kizer Distinguished High School Chemistry Teacher Award, the Distinguished Middle School Science Teacher Award, and the Distinguished Elementary School Science Teacher Award. Here are the award recipients since 1990:

<u>YEAR</u>	<u>HIGH SCHOOL</u>	<u>MIDDLE SCHOOL</u>	<u>ELEMENTARY SCHOOL</u>
1990	Eugene Shepherd	Jeannie Bishop	
1991	Larry White	Carole Forkey	
1992	Daniel Lynch	Ronnie Sours	
1993	Robert Jones	Patricia Zahl	
1994	Judith Bohince	Leslie Deane	
1995	Janet Farmer	Alpheus Stafford	
1996	Anne Stowe	Daniel Avent	
1997	Christy Thomas	John Stenz	
1998	Linda Cook	Brian Hall	
1999	Cynthia Wall	Dixie Leathers	
2000	Susan N. Price	Sarah Datovech	
2001	Joy Ann Ross	Bonnie Stinson	
2002	Christine Bierwirth	Betsy Ameen	
2003	Leonard Klein	Robert Pennington	
2004	Pamela Gentry	George Fohl, Jr.	
2005	Pam Edwards	Gary Graham	
2006	Ram Bhagat	Mary Holmgren	
2007	Liza Schmieder	Dianne Nolan	
2008	Leslie A. Kovach	Mary P. Younger	
2009	Wesley James	Denise Yvette Stanton	
2010	Michael Farabaugh	Elizabeth Coffman	Judy Fitzpatrick
2011	Meg Van Liew	Denise Oppenhagen	Jessica Skeens
2012	Sandra Bennett	Michael Kenney	Laura Van Gelder
2013	Tammy Stone	Linda Herron	Laura Shifflett

## ***CURRENT CONTACT INFORMATION***

Does ACS have your correct contact information? If you have had a change in address, phone number, or e-mail address, contact ACS to update your information. Please include both the old and new contact information and your membership ID (the 8-digit number in the upper left hand corner of the C&E News address label. Telephone (800) 333-9511 or e-mail [service@acs.org](mailto:service@acs.org).

## ChemMatters Magazine

### “Demystifying Everyday Chemistry for HS Students”



The latest issue of *ChemMatters* is now available! *ChemMatters* is a magazine for high school students and high school teachers published by the Education Division of ACS. The magazine, which appears four times a year, contains articles that feature real-world applications of chemistry concepts introduced in the classroom. Recent issues include articles on nanoscience, great discoveries in chemistry, and the science behind weather folklore. Check out the

*ChemMatters* web site at [www.acs.org/chemmatters](http://www.acs.org/chemmatters), which contains many resources of interest to high school chemistry teachers.



### PAPER COPIES OF THE BULLETIN

Each issue of the Virginia Section Bulletin is posted on the Section's website—<http://www.virginia.sites.acs.org>. E-mail notification of the postings are sent to all Section members and to high school chemistry teachers for whom we have current e-mail addresses. However, paper copies of the newsletter are still printed and are mailed to a limited number of persons for whom we do not have e-mail addresses, or who have requested paper copies. If you would like to receive a paper copy of each Bulletin, please complete the form below and send it to James Beck, Editor of the Bulletin. Or send your name and mailing address to him via e-mail at [beckjd1977@comcast.net](mailto:beckjd1977@comcast.net). Please include your nine-digit extended zipcode if you have it. Also, if you are not now receiving e-mail notification of the Bulletin postings, please send your e-mail address to [beckjd1977@comcast.net](mailto:beckjd1977@comcast.net) and we will add you to the e-mail notification list.

**Please mail me paper copies of the Virginia Section Bulletin.**

**NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

Return this form to James Beck, 1977 Vesonder Road, Petersburg, VA 23805 or send the information by e-mail to [beckjd1977@comcast.net](mailto:beckjd1977@comcast.net).

***THE BULLETIN***

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**Joe Crockett**

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