



The Bulletin
of the
Virginia Section
AMERICAN CHEMICAL SOCIETY

APRIL MEETING NOTICE

University of Virginia
Charlottesville, Virginia

Friday, April 23, 2010

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 21.

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

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

SPEAKER: **Dr. Charles M. Grisham, University of Virginia**

TOPIC: ***"Bizarre Biochemistry"***

APRIL 2010

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25 26 27 28 29 30
reservations meeting

Dr. Charles M. Grisham

Charles M. Grisham was born and raised in Minneapolis, Minnesota, and educated at Benilde High School. He received his B.S. in chemistry from the Illinois Institute of Technology in 1969 and his Ph.D. in chemistry from the University of Minnesota in 1973. Following a postdoctoral appointment at the Institute for Cancer Research in Philadelphia, he joined the faculty of the University of Virginia, where he is Professor of Chemistry. He is the author of multiple editions of *Biochemistry and Principles of Biochemistry* (Cengage, Brooks/Cole), and numerous papers and review articles on active transport of sodium, potassium, and calcium in mammalian systems, on protein kinase C, and on the applications of NMR and EPR spectroscopy to the study of biological systems. He has also authored *Interactive Biochemistry CD-ROM and Workbook*, a tutorial CD for students (Brooks/Cole). His work has been supported by the



National Institutes of Health, the National Science Foundation, the Muscular Dystrophy Association of America, the Research Corporation, the American Heart Association, and the American Chemical Society. He is a Research Career Development Awardee of the National Institutes of Health, and in 1983 and 1984 he was a Visiting Scientist at the Aarhus University Institute of Physiology in Denmark. In 1999, he was Knapp Professor of Chemistry at the University of San Diego. He has taught general chemistry, biochemistry and physical chemistry at the University of Virginia for 35 years. In 1998, he received an All-University Outstanding Teaching Award. He is a member of the American Society for Biochemistry and Molecular Biology.

“Bizarre Biochemistry”

What is the common physiological challenge that confronts camels and gerbils in the desert and whales and dolphins in the seas? Why are there blondes in Italian Renaissance paintings? Why should you be content not to be considered a “blueblood”? And will the real Anastasia please stand up? If these questions have ever occupied your idle moments, you may enjoy this presentation, which takes a playful look at some unusual stories from the world of biochemistry. Health care crisis? Our doctors are routinely prescribing rat poison for heart patients. And if that makes your blood pressure rise, there are at least seven ways to treat it – and you have the snakes of the world to thank. Caution: this seminar contains sex and violence.

**COME EARLY ON APRIL 23 TO SEE THE
UNDERGRADUATE RESEARCH POSTERS**

DIRECTIONS

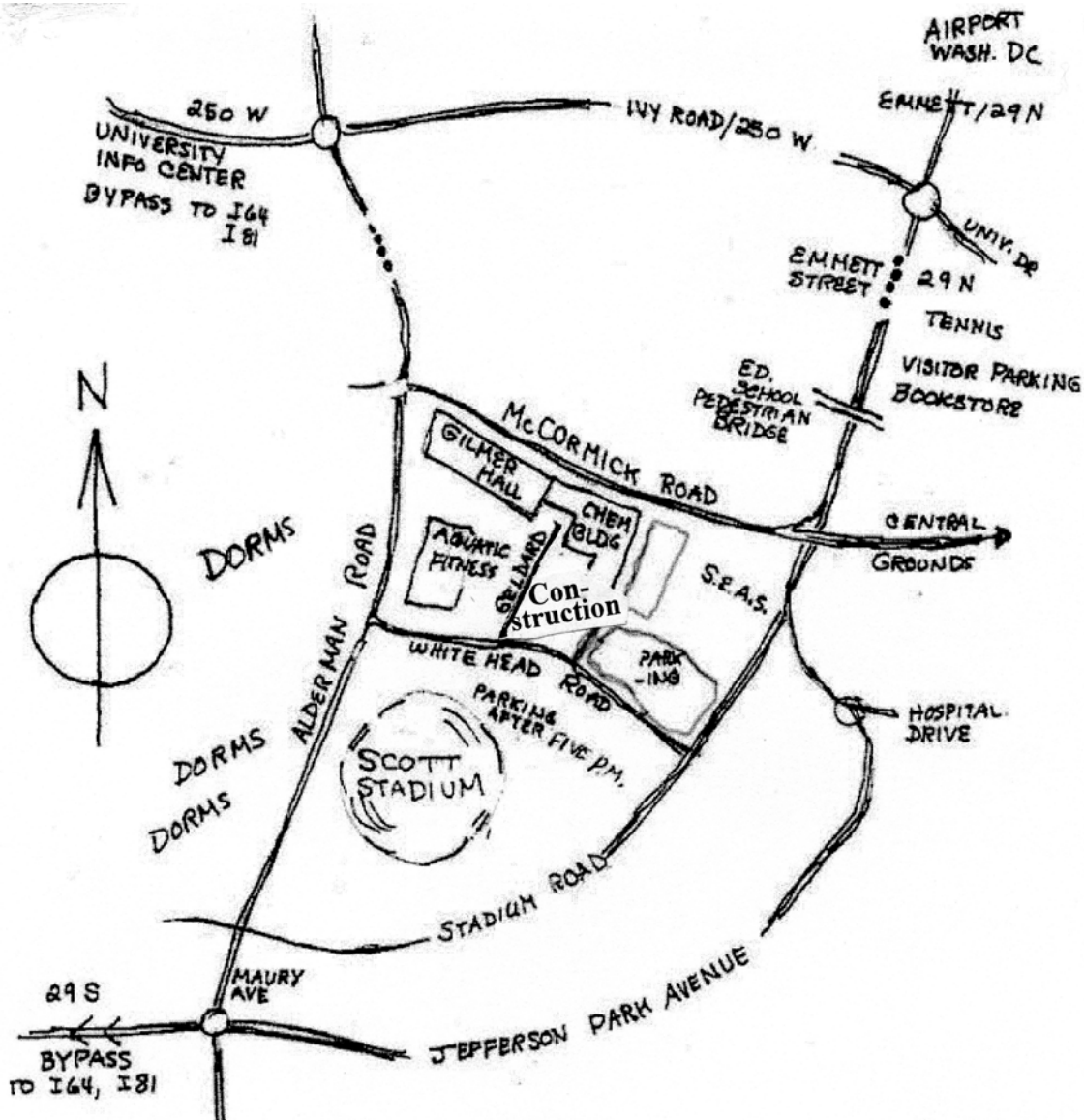
From 29N. Come straight into town past the Cavalier Best Western (on your right), pass under two overhead bridges, and then bear right immediately afterwards. Turn right at the top of the hill at Whitehead Road. Parking is primarily on the left with limited parking on the right (due to construction, there is no longer a chemistry parking lot).

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. Turn right immediately after the stadium on Whitehead Road. This brings you to the back or new wing of the chemistry building. Parking is on the right and left.

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. Parking is primarily on the right.

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. With the construction, it is most convenient to come around the new Nanotech building on the east side.

MAP



***** Virginia section news *******FUTURE MEETINGS****VIRGINIA SECTION
EXECUTIVE COMMITTEE MEETING**

Friday, May 28 - 6:30 p.m.

Parham Road Campus

J. Sargeant Reynolds Community College
The Gallery (basement of Georgianous Hall)**VIRGINIA ACADEMY OF SCIENCE MEETING**

May 20-22

James Madison University

Harrisonburg, Virginia

WCC LUNCHEON

June 11, 2010 - noon

Jade Restaurant

Ashland, Virginia

ANNIVERSARY CELEBRATION AND PICNIC

June 12, 2010 - 11:00 a.m.

Point of Rocks Park

Chesterfield County, Virginia

POSTER SESSION

The Virginia Section will hold its annual poster session at the April 23 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://people.virginia.edu/~jnd/10ACS/ACS2010.htm>. The deadline for registering a poster is April 16. We invite everyone to come early for the UVA meeting and to support these young researchers. Outstanding college and university chemistry majors will also be recognized at this meeting.

**VIRGINIA ACADEMY OF SCIENCE
ANNUAL MEETING****James Madison University
May 20-22, 2010**

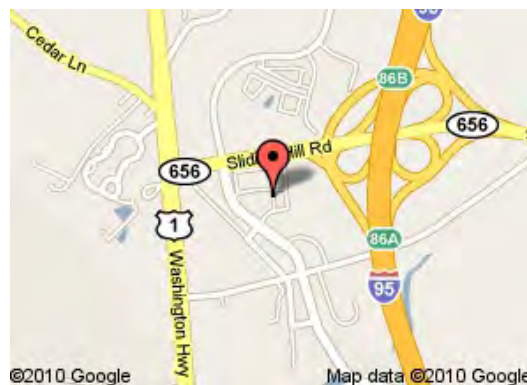
The 88th Annual meeting of the Academy will be held at James Madison University in Harrisonburg on **May 20-22**. Persons interested in the Chemistry Section program should contact Dr. Thomas DeVore, Chemistry Department, MSC 4501, James Madison University, Harrisonburg, VA 22807; (540) 568-6672; devoretc @ jmu.edu. More information on the VAS meeting can be found at <http://www.vacadsci.org/meetings.htm>.

EXECUTIVE COMMITTEE MEETING

The second Executive Committee Meeting of the year will be held at J. Sargeant Reynolds Community College, Parham Road Campus, 1701 East Parham Road, Richmond, at 6:30 p.m. on **Friday, May 28**. A light dinner will be served at 6:00 p.m. The meeting will be in The Gallery in the basement of Georgianous Hall (coming from I-95, take the second entrance off Parham Road—the drive goes directly to Georgianous Hall and there are signs to direct you to The Gallery). Meeting details can be found on the Section website - <http://www.virginia.sites.acs.org/>. Officers and committee chairpersons should prepare 40 copies of their reports to bring or send to the meeting. Persons interested in joining the Executive Committee or persons who have items for discussion at the meeting should contact Dr. Yezdi Pithawalla, Virginia Section Chair - (804) 274-4587, [yezdi.b.pithawalla @ altria.com](mailto:yezdi.b.pithawalla@altria.com).

WCC LUNCHEON MEETING

On **Friday June 11, 2010**, the Virginia Section's Women Chemists' Committee will hold a noon luncheon meeting at the Jade Chinese restaurant near Ashland, Virginia, just off the I-98 exit. The location is easy off I-95 and also easy back on I-95. There is ample parking in the parking lot. Phone (804) 550-1088. We hope this makes it easier for Mary Washington and Northern Virginia women chemists to attend. We will have a speaker discussing financial planning. We also note that this is the day before the Virginia Section's 95th birthday celebration. Jade Chinese Restaurant is located at 10180 Lakeridge Pkwy., Ashland, VA 23005. The Home Depot store is a landmark nearby. The decor is not fancy but the lettuce wraps are yummy. After the meeting, shopaholics can stop by Virginia Center Commons, located just south on Route 1. We hope to see you there.



AWARDS TO COLLEGE SENIORS

Outstanding senior chemistry majors from colleges and universities in the Virginia Section will be honored at the April 23 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 23 and will receive a free membership in the ACS and a certificate of recognition. Chemistry departments must inform Chair Yezdi Pithawalla of their nominees and an ACS membership application form must be completed by each nominee. If you have not submitted the name of your outstanding senior chemistry student, please contact Dr. Yezdi Pithawalla at (804) 335-2301; [yezdi.b.pithawalla @ altria.com](mailto:yezdi.b.pithawalla@altria.com).

FARADAY DISCUSSION GRADUATE RESEARCH SEMINAR

NSF has approved funding for the Faraday Discussion Graduate Research Seminar (FD-GRS), the first of its kind, to be held at Virginia Commonwealth University on April 9-11, 2010. This student-only meeting will be held in conjunction with the inaugural Faraday Discussion meeting outside Europe, the FD 146 on "Wetting Dynamics of Hydrophobic and Structured Surfaces," scheduled for April 12-14, 2010. See www.rsc.org/FD146. The FD-GRS mission and details of the program are at <http://www.rsc.org/ConferencesAndEvents/RSCConferences/FD146/grs/asp>.

JUDGES FOR THE VIRGINIA JUNIOR ACADEMY OF SCIENCE

Judges and meeting chairs are needed for the 69th annual meeting of the Virginia Junior Academy of Science (VJAS), to be held at James Madison University in Harrisonburg, May 20, 2010. About 750 students from grades seven through twelve will present papers and report on original research work. If you would like to contribute to this celebration of science by young persons, please contact Susan Booth, VJAS Director, at **susanscience @ msn.com** or at (757) 874-3349. Judges are needed in Agriculture & Animal Science, Animal Behavior, Botany, Chemistry, Computer Science, Consumer Science, Earth & Space Science, Engineering, Environmental Science, Genetics & Cellular Biology, Mathematics, Medicine & Health, Microbiology, Physical Science, Physics, Psychology, Statistics, and Zoology.

ANNIVERSARY CELEBRATION - JUNE 12

A picnic to celebrate the 95th anniversary of the chartering of the Virginia Section will be held **Saturday, June 12, 2010** at R. Garland Dodd Park at Point of Rocks, 201 Enon Church Road, Chester, VA. All Virginia Section members, their families and guests, as well as interested members of the public are invited to attend. The event will start at 11 a.m. with John Coe, a master naturalist, giving a short presentation and nature walk, followed by lunch at Picnic Shelters #1 and #2. Hands-on science activities for children are also planned.

Cost is \$5 per person or \$10 per family. The Virginia Section will be providing hamburgers, hot dogs and beverages for lunch and asks those attending to bring a side dish or dessert to share. Volunteers are needed to help with lunch and activities. Please make your reservations by **Wednesday, June 9** by calling (804) 788-5280 or by e-mail to **stephanie.mabry @ aftonchemical.com**. R. Garland Dodd Park at Point of Rocks is located in eastern Chesterfield County adjacent to the Appomattox River. The park has restrooms, a playground, nature trails, and a boardwalk path through the tidal marsh. There are also volleyball nets, horseshoe pits, tennis and basketball courts. More information on the park can be found at <http://www.chesterfield.gov/content2.aspx?id=5919>.

Directions: Use I-95 (Exit 61A) or I-295 (Exit 15A) to Route 10 East. Take a right on Enon Church Road, which passes back under I-295. The park will be on the left, and the main entrance is just past the basketball courts. After entering the park, the playground and picnic shelters will be on the right.

VIRGINIA SECTION EARTH DAY CELEBRATION



The Virginia Section will celebrate Earth Day on Saturday, April 17 with a full schedule of activities at the Midlothian Campus of John Tyler Community College. "Celebrate the Earth" will be part of a free community festival known as Fool for Art. The CCED activities will operate from 10:00 a.m. through 3:00 p.m. There will be many hands-on opportunities relating to the Earth. John Tyler's Midlothian Campus is located at 800 Charter Colony Parkway, just off the Woolridge Road exit of Route 288. Full directions can be found on the John Tyler website: www.jtcc.edu. Dr. Kristine Smetana is coordinating the CCED event and needs volunteers to help out. Contact her at **ksmetana @ jtcc.edu** or at (804) 706-5143. The 2010 theme for Chemists Celebrate Earth Day is "**Plants—The Green Machines.**"

CHEMISTRY SEMINARS AT THE UNIVERSITY OF VIRGINIA

- Apr. 6 - **Professor David Tirrell**, University of California-Berkeley, "Reinterpreting the Genetic Code: Non-Canonical Amino Acids in Protein Science and Engineering" (**HECHT LECTURE**)
- Apr. 9 - **Professor Jennifer Doudna**, University of California - Berkeley, "Dicer and Beyond: Regulatory RNA Processing and Function" (**BURGER LECTURE**)
- Apr. 16 - **Dr. Linda Birnbaum**, National Institute of Environmental Health Sciences, "Halogenated Flame Retardants: Does the Benefit Justify the Risk?" (**PAGE BARBOUR PLASTIC PROJECT LECTURE**)
- Apr. 23 - **Professor Ka Yee Lee**, University of Chicago, "Beyond Wrinkling: Stress Relaxation in Surfactant Monolayers and Other Thin Films"

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

- Apr. 8 - **Dr. Jacob Klein**, Weismann Institute of Science, Israel
- Apr. 12-14 - Faraday Discussion 146, "Wetting Dynamics of Hydrophobic and Structured Surfaces" (The Jefferson Hotel, Richmond)
- Apr. 15 - **Dr. Hugo Christenson**, University of Leeds
- Apr. 20 - **Dr. Simcha Srebnik**, Technion, Haifa, Israel, "Insights into the Mechanism of DNA-Based Separation of Carbon Nanotubes"
- Apr. 22 - **Professor Michael Klein**, Temple University, "Nothing Amuses More Harmlessly than Computation..." (**KAPP LECTURE**, Hibbs Building, Room 403)
- Apr. 29 - **Dr. Lynn Penn**, Drexel University

The seminars are held at 4:00 p.m. in the Kapp Lecture Hall, Room 1024, in the Mary E. Kapp Wing of Oliver Hall, 1001 West Main Street in Richmond. The public is invited. For more information, call (804) 828-1298.

EARTH DAY COMPETITION FOR STUDENT AFFILIATE CHAPTERS

ACS student affiliate chapters at colleges and universities are invited to enter the CCED 2010 competition. Student chapters are encouraged to produce an activity for elementary school students to illustrate the 2012 theme about recycling. Entries must be original hands-on activities and must be received by the ACS in Washington by April 22, 2010. Each student affiliate may submit only one entry. First place receives \$500; second place \$250. Full contest information and rules can be found on the CCED website: www.acs.org/earthday.





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, and a MacArthur Genius Award. 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 \$7.5 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.

CHANGE IN BULLETIN DELIVERY

The Virginia Section began publishing a newsletter in 1923. Since then, printed copies of The Bulletin have been mailed to Section members on a regular basis. In 2009, the Section mailed nine issues to over 1400 members and to about 300 high school teachers. Unfortunately, the increasing cost of producing and mailing the Bulletin copies, along with difficulty in meeting new regulations imposed by the U.S. Postal Service, now demand that the Section look at alternative modes of delivery for the information traditionally included in the newsletter. The Summer issue of the Bulletin will be used for a trial run on a new method of providing our members with Section news.

We will not be mailing the Summer issue to every member of the Section. Instead, we will inform most members by e-mail when the Bulletin has been posted on the Section website. E-mail addresses provided by the membership department of the national office of the ACS will be used. We recognize that this delivery method will create some problems. Some members do not have access to e-mail and others may not have provided the ACS with their current e-mail addresses. And we know that some of the e-mail addresses in the national membership file will be outdated and others simply incorrect. We offer these alternatives to ensure that you have access to future issues of the Bulletin:

1. If you do not have e-mail or simply prefer to receive a printed copy sent to you by U.S. mail, please let us know that and we will place your name on our mailing list and send you a hard copy as we have been doing. Use the form below and mail it to us or send the essential information via e-mail to **beckjd1977 @ comcast.net**.
2. If you wish to receive the e-mail notification and are not sure that the ACS has your correct e-mail address, contact the national membership office by e-mail or telephone: **service @ acs.org**; 1-800-333-9511. Alternatively, you can send your current e-mail address to **beckjd1977 @ comcast.net**.

If you have questions or comments on this trial, please contact me by e-mail or phone. Thank you in advance for your cooperation. Suggestions and assistance are welcomed.

James Beck, Editor
The Virginia Section Bulletin
(804) 733-5286
beckjd1977 @ comcast.net

FORM FOR BULLETIN DELIVERY BY U.S. MAIL

Name: _____

Address: _____

City: _____ State: _____ Zip code: _____

mail this form to James Beck, 1977 Vesonder Road, Petersburg, VA 23805
or send the information via e-mail to **beckjd1977 @ comcast.net**

REPORT ON THE FEBRUARY SECTION MEETING

On February 26, about 60 persons heard Dr. Kenneth Pearce of Glaxo Smith Kline speak at the University of Richmond. Dr. Pearce was the 2010 Powell Lectureship presenter; his topic was "Chemical-Biological Interfaces in Endocrinology: Nuclear Receptors, Modulating Ligands, and Drug Discovery." Dr. Raymond Dominey of the University of Richmond introduced Dr. Pearce. The Powell Lectureship is named for Dr. W. Allan Powell, who served as Chair of the Department of Chemistry at the University of Richmond for many years. Dr. Powell and some members of his family attended the meeting. Thanks to the University of Richmond for hosting this meeting and for their subsidy that covered most of the cost. Dr. Raymond Dominey served as the meeting host.



Dr. W. Allan Powell and
Dr. Kenneth H. Pearce



Audience at U of R on February 26



Dr. W. Allan Powell



Section Chair Yezdi Pithawalla presents
Jefferson Cup to Dr. Kenneth Pearce



W. Allan Powell and two family
members with Dr. Kenneth Pearce

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 should be forwarded to Yezdi Pithawalla or Sheryl Baldwin, Chairs of the Awards Committee: Sheryl Baldwin, (804) 353-5805, sdbaldwin@earthlink.net; Yezdi Pithawalla, (804) 274-4587, yezdi.b.pithawalla@altria.com.

WORDS OF WISDOM FOR APRIL:

"Nothing Is Worth More Than This Day"

IN MEMORIAM

Franklin D. Kizer
1916 - 2010

Franklin Dadmun Kizer died on March 13 at the age of 93. Frank joined the ACS in 1954 and was a very active member of the Virginia Section. At the time of his death, he was a member of the Section's Executive Committee and co-chair of the Membership Committee. He served the Virginia Section in many ways, including chairing the Section in 1976.



Frank was born in Amherst County, Virginia and attended East Carolina Teachers College in Greenville, North Carolina, from which he received his A.B. and M.A. degrees. He did additional study at Columbia University, Cornell University, the University of Colorado, the University of Virginia, and Nebraska Wesleyan University. His professional experience included positions at Barrow Agee Laboratories in Memphis, Tennessee; the Norfolk Navy Shipyard; Washington High School in Washington, North Carolina; the Apprentice School in Portsmouth, Virginia; Camp Allen of the Naval Prison in Norfolk, Virginia; and Norview High School in Norfolk, Virginia. He taught high school chemistry, physics, and general science, served as Head of the Science Department at Norview High School, and was the Science Supervisor for the Norfolk County public schools for four years. In 1956, he accepted a position with the Virginia Department of Education. He was the first State Supervisor of Science for Virginia, retiring in 1979 after 23 years of service.

Mr. Kizer was a co-founder and first president of the Council of State Science Supervisors. He served as the Executive Secretary of that organization for 25 years, during which he directed several national conferences and seven regional science conferences.

Throughout his career, Frank received many honors and awards, including a DuPont and Shell Merit Fellowship, a Distinguished Service to Science Education award from the National Science Teachers Association, a U.S. Civilian Service Medal, and the Virginia Wildlife Federation Educator of the Year Award. He was a fellow of the Virginia Academy of Science and held a Kentucky Colonel's Commission. Frank is one of only two persons who received from the Virginia Section of the American Chemical Society both the Distinguished Service Award (1978), and the Distinguished Service Award for Teaching High School Chemistry (1955).



On December 25, 2009, Frank and Helen Kizer celebrated their 72nd wedding anniversary. They were married just after midnight on Christmas Day in 1937. They had two daughters, Ann Kizer Spain and Marion Kizer Renne, six grandchildren, and seven great-grandchildren. Helen and Frank resided in Lively, Virginia. They are shown here in 2007 at the celebration of their 70th wedding anniversary.

Faraday Discussion 146

Wetting Dynamics of Hydrophobic and Structured Surfaces

April 12 - 14, 2010
Jefferson Hotel
Richmond, Virginia

The aim of this meeting is to convene scientists from experimental and theoretical disciplines to discuss a number of highly topical and controversial issues related to wetting and dewetting at hydrophobic surfaces. The current interest in superhydrophobic surfaces has led to a conceptual widening of the term "hydrophobicity". Non-wetting of a surface may be achieved not only by minimising the surface free energy, but also via an appropriately tailored surface morphology. As a consequence, even low-energy liquids may dewet a surface and hydrophobicity becomes a more general "lyophobicity". Wetting dynamics at both smooth and structured surfaces is involved in a range of surface phenomena, including contact angle hysteresis, adhesion, surface forces, self-cleaning and the boundary conditions for fluid flow. This very active area of current research has major cross-disciplinary implications, and a number of theoretical, modelling and experimental results are in urgent need of clarification and resolution if we are to understand better the properties and behaviour of extended and structured hydrophobic and lyophobic surfaces. Physical chemists, biologists, materials scientists and nanotechnologists will benefit from attending this meeting, and its printed discussion.

Themes: Superhydrophobic Surfaces; Dynamic Transitions; Liquid-Vapour Interfaces and Nanobubbles; Heterogeneous Surfaces

Speakers: Peter J. Rossky, *The University of Texas at Austin*; Frank H. Stillinger, *Princeton University*; David Quéré, *ESPCI, France*; Thomas J. McCarthy, *University of Massachusetts*; Elisabeth Charlaix, *University of Lyon, France*; Julia M. Yeomans, *University of Oxford, UK*; Benjamin Widom, *Cornell University*; Jacob Israelachvili, *University of California, Santa Barbara*; Bruce J. Berne, *Columbia University*

Conference Sponsors: American Chemical Society (ACS) Division of Colloid and Surface Chemistry and Division of Physical Chemistry and Virginia Commonwealth University (VCU).

Conference Co-Chairs: Dr. Hugo K. Christenson (*University of Leeds, UK*), Professor Alenka Luzar (*Virginia Commonwealth University*)



Registration now open: <http://rsc.org/ConferencesAndEvents/RSCConferences/FD146>

CHANGE IN SECTION WEBSITE

The Virginia Section website has a new address:

<http://www.virginia.sites.acs.org/>

ACS WEBINAR EVENTS

ACS Webinars is a weekly online event serving to connect ACS members and other scientific professionals with subject matter experts and global thought leaders in chemical sciences, management, and business. Webinars are free to ACS members. The live webinars are held on Thursdays from 2:00 to 3:00 p.m. E.T. Recordings of past seminars are available online. The schedule of upcoming events can be found at http://boilthisdown.org?page_id=385. April webinars:

April 8 - **Creating a Successful Career in Public Policy and the Chemical Industry – Lessons Not Taught in Classrooms.** More information and registration at <https://www2.gotomeeting.com/register/894562635>.

April 15 - **US Immigration for Foreign-born Scientists – What You Should Know about Employer-Sponsored and Self-Petitions for Green Cards.** More information and registration at <https://www2.gotomeeting.com/register/382353915>.

April 22 - **Raising Capital with Angels: What They Don't Tell You at Business School.** More information and registration at <https://www2.gotomeeting.com/register/917951850>.

April 29 - **Success Factors for a Consulting Practice in Chemistry.** More information and registration at <https://www2.gotomeeting.com/register/566989659>.

For general information on the ACS webinar program, contact John Christensen, Industry Member Programs, (202) 872-6071; [js_christensen @ acs.org](mailto:js_christensen@acs.org).

QUESTIONS FROM THE PAST



This question was asked in the March Bulletin:

Ms. Leah Jacobs is shown here playing the harp at a Virginia Section (this may have been the only time that this instrument was ever played at a Section meeting). **Where and when was this meeting?** Some additional hints: Ms. Jacobs was a junior Mass Communications major at the University hosting the meeting. She was a native of York, Pennsylvania. The meeting began with a Social Hour that featured Virginia wine and Virginia apple juice. A highlight of the meeting was the presentation of two door prizes – Ms. Dorothy Stevens received a package of Virginia apple products and Mr. Mike Pearson took home the grand prize, an original oil painting by Joanne Happ. Ms. Leah Jacobs played at the Social Hour for the **October 23, 1992** meeting of the Virginia Section, held at **Shenandoah University** in Winchester, Virginia.

Dr. Leonard J. Fine of Columbia University spoke on the topic “From Nylon and Polycarbonates to Kevlar and Polyetherimides...and beyond.” Dr. John Happ was the host for the meeting.

A new question: In recent years, the Virginia Section has published a summer issue of the Bulletin. **In what year did the first Summer issue appear?**

EPA OFFERS TRAINING ON SUBPART K REGULATIONS

The Environmental Protection Agency (EPA) is offering free training on the Subpart K regulations on Tuesday, **May 18, 2010**, 9:30-4:30 EDT. The session, to be held in Arlington, Virginia, can be attended in person or via a live webcast. The one-day workshop will be held at:

U.S. EPA Conference Center
One Potomac Yard (South Building)
2777 South Crystal Drive
Arlington, VA 22202

The training session will also be available via a live webcast. Presenters will be Kristin Fitzgerald and Jessica Young from the EPA office of Resource Conservation and Recovery and Rebecca Steiner from the Milwaukee School of Engineering (the first school to opt into Subpart K). For additional information and to register, consult www.epa.gov/waste/hazard/generation/labwaste. The deadline for registration is May 11, 2010. Subpart K concerns new rules for the safe management of hazardous waste. Kristin Fitzgerald presented a workshop on this topic at the November 13, 2009 meeting of the Virginia Section.

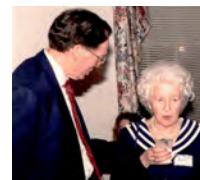
CAN YOU IDENTIFY THESE PERSONS?



The photograph is from September, 1992, when each of the individuals received an award. One of them was the Chair of the Virginia Section at the time and presented the Distinguished Service Award to the other. The Distinguished Service Award winner then presented a special award to the other person. Both individuals have been associated with Virginia Commonwealth University. One person is a native of Philadelphia and an aficionado of Pennsylvania scrapple. One of them was the Ph.D. advisor for the other. One is involved in activities involving the Peoples Republic of China and one builds hot rods. Both have been very active in the Virginia Section and each has received the

Section's Distinguished Service Award.

The mystery persons in the March Bulletin were Dr. Preston Leake and Mrs. Frances Burger, wife of Dr. Alfred Burger. Dr. Burger was the speaker for the March, 1992 meeting at which the photograph was taken.



SERMACS 2011 - Charting Chemical Connections

The Virginia Section of the American Chemical Society (ACS) will host the 63rd Southeastern Regional Meeting of the ACS (SERMACS 2011) during October 25-29, 2011. The theme of the meeting is "Charting Connections in Chemistry". The Local Organizing committee has members from the Virginia Local Section but we need more volunteers to help with this meeting. Some of the areas where help is needed include: Website Maintenance, Registration, Hospitality, and Volunteer Coordinator. Under the Programming subcommittees we need volunteers for Local Arrangements and AV, Women's Committee, Younger Chemists Committee, Educational Activities, Awards and Diversity, Employment/Career Workshop, Social/Non-technical, Workshop Coordinator, Tour Coordinator, Local Events Coordinator, and Symposia Coordinators. Please contact General Chair Joe Pompano: [joe.pompano @ boehringer-ingelheim.com](mailto:joe.pompano@boehringer-ingelheim.com) or Program Chair Ann Sullivan: [asullivan @ jsr.vccs.edu](mailto:asullivan@jsr.vccs.edu) for more information about submitting a symposium or volunteering. General information on SERMACS 2011 can be found on the SERMACS website: <http://sermacs2011.org>.

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THE BULLETIN

**Published eight times a year by the
American Chemical Society
Virginia Section**

*Science Museum of Virginia
2500 West Broad Street
Richmond, VA 23220
<http://www.virginia.sites.acs.org/>*

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