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Virginia Tech Hosts the October Meeting

<http://www.acs-vbrs.org>

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VIRGINIA BLUE RIDGE SECTION AMERICAN CHEMICAL SOCIETY

702nd SECTION MEETING
Virginia Tech, Blacksburg, Virginia
Tuesday, October 22, 2019

Celebration of National Chemistry Week

5:30 to 6:15 Dinner and Conversation – Clifford Atrium
6:30 to 8:00 Chem Illusions Show – Davidson Hall Room 281
8:00 ACS Student Affiliates Interest Meeting – Davidson 283

Registered meeting participants will gather in the Clifford Atrium of Hahn Hall South starting at 5:30 PM for an Italian supper catered by Avelino's Restaurant. A variety of pasta and sauces, salads, and soft drinks will be available. The meal price is \$15 with retirees and students at half price.

The Chemical Illusions show will take place in Room 281 of Davidson Hall starting at 6:30 PM. The show usually lasts about 90 minutes.

Arriving late for dinner is no problem – the meal will be informal, so please join us when you can. Also, it's okay if you need to leave the Chem Illusions Show earlier than 8:00 PM. We understand that many of our guests face long drives home.

An RSVP for the dinner is requested by Friday, October 18, **four days** before the meeting by sending email to Dr. Maggie Bump (mbump@vt.edu) or calling her office at 540-231-4675.

Maps and directions are on the last page of this Newsletter.

Chemical Illusions Organizer: Dr. Maggie Bump

Senior Instructor, Virginia Tech



Maggie Bump received her teaching certification in 1996 and her Ph.D. in Polymer Chemistry in 2001 from Virginia Tech. Bump established the Youth Experiencing Science (YES) summer children's program, received the Virginia Tech College of Science Outreach Excellence Award, and advises ACS Student Affiliates Chapter at Virginia Tech, which most recently earned recognition as an Outstanding Chapter.



Local kids enjoying Liquid Nitrogen Ice Cream

“Chemical Illusions”

Once a year, the Chemistry Department at Virginia Tech invites the local community to enjoy a demonstration of chemistry that we call “Chemical Illusions.” In this activity, children of all ages can enjoy spectacular demonstrations of important principles of chemistry including acids-and-bases, oxidations-and-reductions, the behavior of gases, and the properties of interesting materials from liquid molecular nitrogen to polymers. The demonstration pictured below is known as the “Vomiting Pumpkin.”



Notice of Amendment of Bylaws

The American Chemical Society has asked Local Sections to update their bylaws, so that they are consistent with the broader ACS Bylaws and other ACS policies. ACS provided each Local Section with a set of Questions. The VBRS Executive Council met late in 2018 to discuss these Questions and then submitted its answers to ACS in January 2019. Using that data, ACS prepared a fresh document that incorporates our Section's preferences. The amended bylaws may be found at the following link:

http://www.acs-vbros.org/Updated%20Bylaws_VBRS_2019.pdf

The amended Bylaws will be ratified by VBRS at this meeting.

Elections for 2020 VBRS Officers

VBRS uses electronic election procedures. On approx. November 01, 2019, each member will receive an email (originating from SurveyMonkey.com) with a ballot and instructions. The survey will close at 4:00 pm on November 15, 2018 and the results will be announced on the VBRS web site as soon afterward as practicable.

The ballot for the 2020 officers is as follows:

Chair – no election

Our chair will be our 2019 Chair-Elect, Maggie Bump.

Past Chair – no election

Our past chair will be our current chair, Jason Crumpton.

Chair-Elect

Samrat Thapa (University of Lynchburg) or write-in

Secretary

Paul Deck (Virginia Tech) or write-in

Treasurer

Steve Smith (RVGS, incumbent) or write-in

Recorder

Gary Hollis (Roanoke College, incumbent) or write-in

Newsletter Editor

Paul Deck (Virginia Tech, incumbent) or write-in

Councilor

Gary Hollis (Roanoke College, incumbent) or write-in

Alternate Councilor

Jason Crumpton (University of Lynchburg) or write-in

Directions to Virginia Tech

From I-81 follow US-460 West to Price's Fork Road and turn right, toward Downtown Blacksburg. Follow Price's Fork Road to West Campus Drive and turn right. The second, third, and fourth buildings on the left, about 1/4 mile down the hill, facing West Campus Drive are Hahn North and Hahn South, and Davidson. Maps of campus and a parking map may be found at www.maps.vt.edu. Guests may park without a permit after 5 PM in C/G or F/S lots so long as they are not marked "24 hours." (Angle parking along Drillfield Drive is "24 hour" parking.) The closest useable parking lots (see the "Parking Map" at the above link) are the Hahn Lot F/S, Davidson Lot F/S, Wright House Lot F/S, and the large C/G lot between Price's Fork Road and Perry Street. The dinner will be in Hahn Hall South (157, circled) and the presentation will be in Davidson 281 (156).

Map of Virginia Tech Showing Chemistry Buildings

