

# THE BLUE RIDGE CHEMIST

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## Virginia Tech Hosts the October Meeting - In Person



### Meeting Information

- 708<sup>th</sup> Meeting of the Virginia Blue Ridge Section, American Chemical Society
- Celebration of National Chemistry Week
- Faculty and students from across the Local Section will perform “Chemical Illusions”
  
- **Agenda for Thursday, October 20, 2022**
  - 6:00 to 6:45 PM – Dinner and conversation – Hahn Hall South (Clifford Atrium). Free pizza and soda! Late arrival is no problem – join us when you can. An RSVP is requested by Monday, October 17, **three days** before the meeting by sending email to Maggie Bump ([mbump@vt.edu](mailto:mbump@vt.edu)).
  - 7:00 PM to 8:00 PM – Chemical Illusions – Davidson Hall Room 281. Demonstrations will be suitable for children, but there are usually a few hydrogen balloons!

## 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. Dr. Bump established the Youth Experiencing Science (YES) summer children's program and at-home activity kits. She has received the Virginia Tech College of Science Outreach Excellence Award and the College of Science Certificate of Teaching Excellence. Dr. Bump advises ACS Student Affiliates Chapter at Virginia Tech and has coached the chapter to numerous national awards from ACS.

### “Chemical Illusions”

To celebrate National Chemistry Week, we will enjoy a show of resounding booms and colorful flames. The ACS student affiliates and the Chemistry Department at Virginia Tech invite 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 burning thermite. The demonstration pictured below is known as the “Vomiting Pumpkin.”



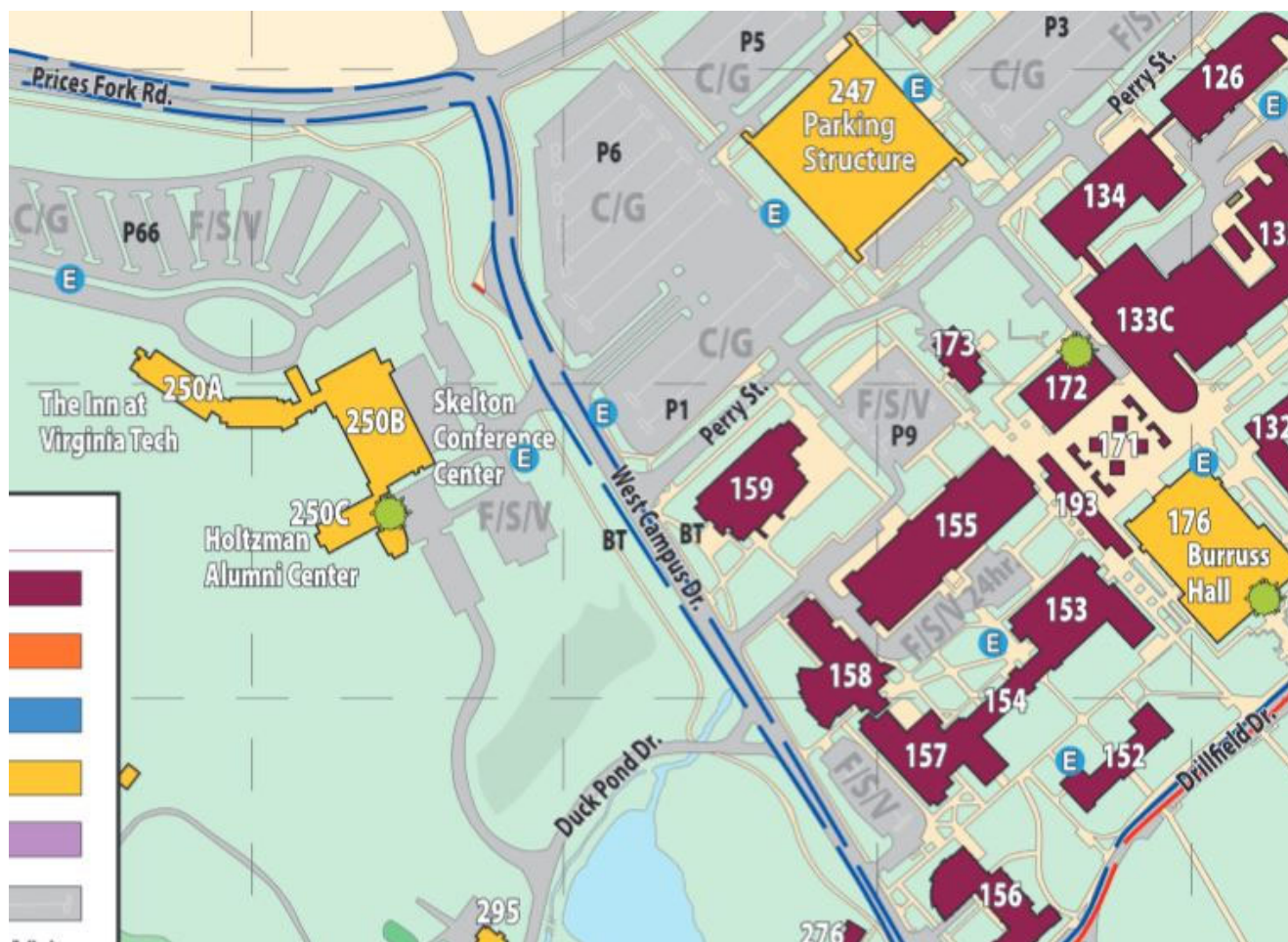
Local kids enjoying Liquid Nitrogen Ice Cream



The Vomiting Pumpkin

## Directions to the Virginia Tech Chemistry Department

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 Hall North and Hahn Hall South, and Davidson Hall. Maps of campus and a parking map may be found at [www.maps.vt.edu](http://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/, the Davidson Lot F/S, and the Wright House Lot F/S. The dinner will be in Hahn Hall South (157, circled) and the presentation will be in Davidson 281 (156).



## Section News: Candidates for VBRS 2023 Officers

Members will receive a link to an electronic ballot on Monday November 14. If you have not received your ballot by 5 PM on Mon Nov 15, please contact Paul Deck ([pdeck@vt.edu](mailto:pdeck@vt.edu)) for a survey link.

- Voting shall be completed by 5:00 PM on Monday November 28. The names of our 2023 officers shall be transmitted to ACS on Wednesday November 30.

As you can see, there is only one candidate for each office. According to our current practice of holding officer elections, members will have the opportunity to write in any eligible person if they do not wish to vote for a slated candidate.

**Chair-Elect** – David Hobart, University of Lynchburg, or write-in

**Secretary** – Paul Deck, Virginia Tech, or write-in.

**Treasurer** – Jeremy Stegall, Eastman Chemical Company, or write-in

**Councilor** – Gary Hollis, Roanoke College, or write-in

**Alternate Councilor** – Jason Crumpton, University of Lynchburg, or write-in

Owen Lofthus (Virginia Western Community College) was elected Chair-Elect for 2022 and will assume the position of Chair in 2023. Jesse Kern (Randolph College) was elected Chair-Elect for 2021, is presently serving as Chair, and will assume the position of Past Chair in 2023.

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