

The Blue Ridge Chemist

The Blue Ridge Chemist, since 1947 the
Official Local Section Publication of the
Virginia Blue Ridge Section, American Chemical Society



VIRGINIA BLUE RIDGE SECTION AMERICAN CHEMICAL SOCIETY

674th SECTION MEETING Hosted by Ferrum College

Thursday, October 22, 2015

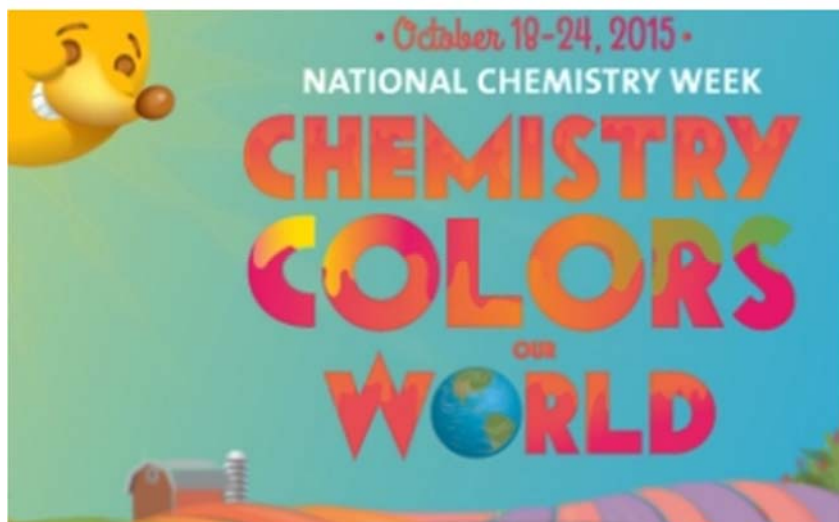
PROGRAM:

5:30-6:01 Social Time, Blue Ridge Mountain Room
6:02-7:03 Dinner, Blue Ridge Mountain Room
7:03-8:04 Talk, 106 in Garber Hall

VOLUME LXVIII

October 22, 2015

No. 7



http://www.acs.org/content/acs/en/education/outreach/ncw/_jcr_content/mainContent/textimage/image.img.jpg/1436984162466.jpg

Ferrum College hosts the October Meeting

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

The social time and dinner will take place in the Blue Ridge Mountain Room in Franklin Hall. The talk will take place in room 106 in Garber Hall. The evening speaker is Dr. Jason Powell from Ferrum College. His talk is "Chemistry Colors Our World".



Dinner will be an Island Flatbread Buffet. Main dishes include jerked tilapia, mango-bbq chicken strips, and grilled vegetables. Fixings include coconut rice, black beans, tropical sweet potato salad, mango salsa, diced tomatoes, shredded lettuce, and cilantro lime sour cream. Water and tea will be served. Coffee is available upon request. Cost for the dinner is \$14.00, with students and retired ACS members being half price.

Reservations for the dinner must be made by THURSDAY October 15, (7 DAYS BEFORE THE MEETING). Contact Maria Puccio at (540) 365-4238, or email mpuccio@ferrum.edu, or write Maria Puccio, Ferrum College, GRB 309; 80 Wiley Dr. Ferrum, VA 24088

Dr. Jason Powell, Associate Professor

Ferrum College



Jason D. Powell is an Associate Professor of Chemistry and Physics in the School of Natural Sciences and Mathematics at Ferrum College. He is in his fifteenth year at Ferrum and recently completed a five-year term as Dean of Natural Sciences and Mathematics. In his time at Ferrum, he has allowed his research interests to be strongly influenced by those of his students – so much so that he terms it student-directed research. His most significant research projects have been in polyoxometalate synthesis, surface chemistry, water quality monitoring, and chemistry education and general science pedagogy. Last year, he received the faculty appreciation award from the Ferrum College Student Government Association. Dr. Powell is an alumnus of the Virginia Tech Department of Chemistry (with B.S. in chemistry and minors in computer science and mathematics) and holds his Ph.D. in chemistry (focusing on inorganic chemistry) from the University of Illinois at Urbana-Champaign. He also obtained an M.A. in physics education from The University of Virginia.

Chemistry Colors Our World

The National Chemistry Week 2015 theme is “Chemistry Colors Our World,” focusing on the chemistry of food colors and fireworks, rainbows, natural dyes and pigments, and more. In this talk, we will explore the physical origins of color and look at interesting color-related phenomena in chemistry and biology. The presentation will be directed at a general audience of all ages and will include visually stimulating chemical demonstrations and vivid images from throughout life, the universe, and everything (at least what we know about so far).

Poetry Contest: National Chemistry Week 2015 (Oct 18-24)

The theme of his year's National Chemistry Week is “Chemistry Colors Our World” emphasizing exploring the chemistry of dyes, pigments, and light. The mission of NCW is to reach the public, particularly students, with positive messages about chemistry and to provide a means of life. The Virginia Blue Ridge section again is participating in the K-12 poetry contest. Participants are encouraged to illustrate their poems related to chemistry colors our world. Please send the entries to Kim Lane, Radford University, 801 East Main St., Radford, Virginia 24142 or bring them to the October meeting. The deadline for receipt of entries is October 21 at 6:02 pm.

Liberty University: Science Hall completed for Fall 2015

The four-story, 121,000-square-foot building is triple the size of the prior science building and houses the Department of Biology & Chemistry on Floors 1-3 and the Department of Health Professions on the Terrace Level.



Elections, Blue Ridge Section, ACS, for 2016

The Nominating Committee has prepared the following slate of nominees for the election at the November meeting. All have agreed to serve if elected. Other nominees will be accepted from the floor at that meeting. If you would like to nominate someone, please check with that person about his or her willingness to serve. You may also self-nominate.

Elected positions

Chair: Kim Lane, Radford University

Chair Elect: Paul Deck, Virginia Tech

Secretary: _____

Councilor: Gary Hollis, Roanoke College

Alternate councilor: Maria Puccio, Ferrum College

Treasurer: Chris Monceaux, Radford University

Newsletter Editor: Nancy Richardson, Liberty University

Non-elected (appointed) positions

Awards Chair - Chris Hermann

Teacher Relations - Steve Smith

Website Coordinator - Dana Harris

Chemistry Olympiad/National Chemistry Week - Kim Lane

ACS Scholarships

ACS sponsors scholarship programs (see the links at: <http://www.acs.org/content/acs/en/funding-and-awards/scholarships.html>) for qualified applicants who want to enter the fields of chemistry, biochemistry, chemical engineering, chemical technology and teaching. The programs aim to encourage diversity among applicants and build awareness of the value and rewards associated with careers in science and technology.

ACS Scholars Program

Renewable scholarships for underrepresented minority students who want to enter fields in the chemical sciences. Scholars are selected based on academic standing, financial need, career objective, leadership skills, and involvement in school activities and community service.

Project SEED

Scholarships to assist former SEED participants in their transition from high school to college. Students are eligible to receive up to \$5,000.

ACS-Hach Second Career Teacher Scholarships

Awarded to working chemists with an interest pursuing a teaching career at the secondary and postsecondary level.

ACS-Hach Post-Baccalaureate Teacher Scholarships

Awarded to working recent graduates, graduate students, and post-doctoral professionals with limited work experience and an interest pursuing a teaching career at the secondary and postsecondary level.

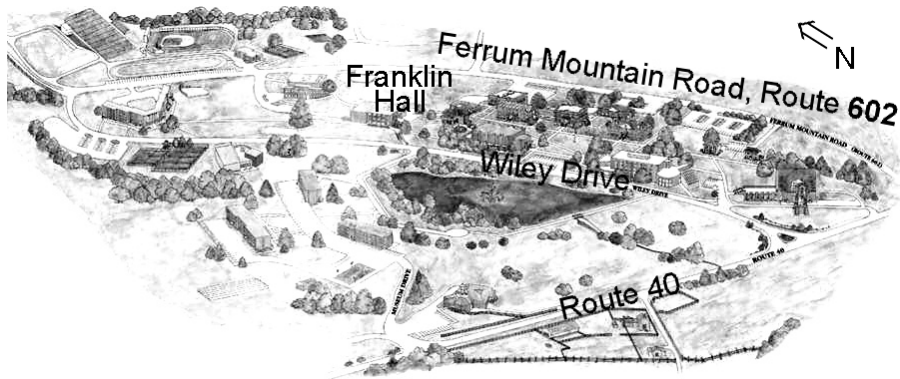
ACS-Hach Land Grant (Undergraduate) Teacher Scholarships

Undergraduate students selected by partner universities on the basis of their interest in and aptitude for teaching chemistry.

Directions to Franklin Hall, Ferrum College

From I-81 take I-581 South which turns into Route 220 South. Stay on Route 220 through Boones Mill to Rocky Mount. Take the second Rocky Mount exit to Route 40 West. Ferrum is 10 miles beyond Rocky Mount on Route 40 West. Pass Ferrum Mountain Road (Route 602) on your right, then take the next right into the college's main entrance. You will pass Garber Hall (with the greenhouse) on the right, then Stanley Library and Schoolfield Hall. The next building on the right is Franklin Hall, and parking is available below Franklin Hall across from the Fitness Center. The Blue Ridge Mountain Room is located on the upper level of Franklin Hall.

Map of Ferrum College



c/o Nancy Richardson , Editor
for VA Blue Ridge Section, American Chemical Soc.
Department of Biology and Chemistry
Liberty University
1971 University Blvd
Lynchburg, VA 24515

1B3005

Non-Prof. Org.
U.S. Postage
PAID
Lynchburg, VA 24502
Permit No. 493

Return Service Requested