

The Blue Ridge Chemist

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Hollins University Hosts the January Meeting

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

VIRGINIA BLUE RIDGE SECTION AMERICAN CHEMICAL SOCIETY

682nd SECTION MEETING
Hollins University

Thursday, January 26, 2017

PROGRAM

5:30–6:00 PM Social Time

6:00–7:00 Dinner

7:00–8:00 Presentation

The social time, dinner, and presentation will all take place in the Ballator Gallery in the Moody Center at Hollins University. The speaker will be Dr. Elizabeth Gleim, Assistant Professor of Biology and Environmental Studies, Hollins University.

The buffet will consist of Caesar salad, beef lasagna, vegetable lasagna, bread, fresh fruit; iced tea; coffee; and hot water with tea packets. The dinner is \$14 for regular attendees, \$7 for students, and \$7 for retired members.

Reservations for the dinner must be made by Thursday, January 19, seven days before the meeting, by phoning Daniel Derringer at (540) 362-7433, or by email to dderringer@hollins.edu.



Dr. Elizabeth Gleim
Assistant Professor of Biology
Hollins University

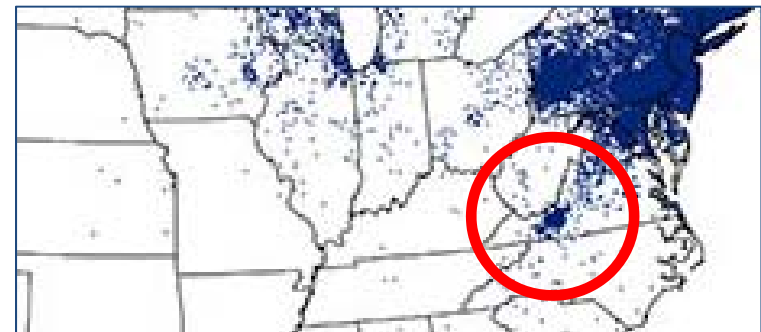
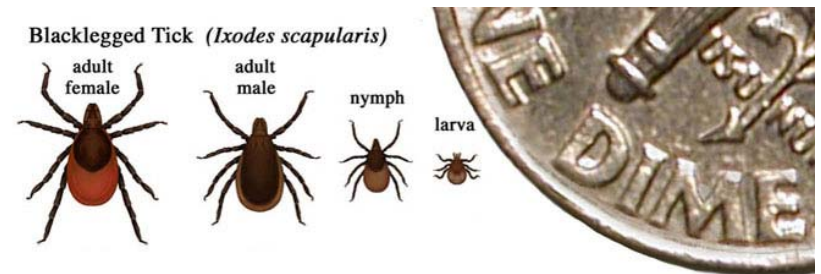
Liz Gleim earned her BA in Biology at Hollins University in 2006. She then spent two productive years at the Centers for Disease Control in the Division of Parasitic Diseases before entering the doctoral program in Biology at the University of Georgia. After receiving her PhD in 2013, she taught cell biology, molecular biology, and genetics as a Lecturer at Oxford College of Emory University.

Dr. Gleim joined Hollins University in 2016 as Assistant Professor of Biology and Environmental Studies.

As a researcher, Dr. Gleim is a wildlife disease ecologist, and her particular area of expertise is in tick-borne disease ecology. She examines the ways in which humans affect disease and wildlife dynamics, and she has experience in studying the effects of prescribed fire on tick population dynamics and disease risk.

Ticks & Fire:
Linking Ecosystem Health and Human Health

Prescribed fire is an integral tool in the management of most southeastern forests. While the benefits of fire as it relates to ecosystem health are well documented, prescribed fire has more recently gained attention specifically as a potential means to control tick populations. Over the past several decades, the incidence of human tick-borne diseases has increased dramatically. Thus, reduction of tick populations is considered a critical strategy for minimizing the risk of disease in humans. Join Dr. Liz Gleim as she discusses the use of prescribed fire in forest management and the research she has done investigating the effects of long-term prescribed fire on tick population dynamics and the impacts these forest management approaches may ultimately have on human disease risks.



Incidence of Lyme Disease (CDC Data)

Congratulations to the 2017 VBRS Officers

Chair: Paul Deck
Virginia Tech
pdeck@vt.edu

Chair-elect: Gary Hollis
Roanoke College
hollis@roanoke.edu

Secretary: Jason Crumpton
Lynchburg College
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Treasurer: Chris Monceaux
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Alternate Councilor: Maria Puccio
Ferrum College
mpuccio@ferrum.edu

Webmaster: Jim Tung
Hargrave Military Academy
tungj@hargrave.edu

Next VBRS Meeting

The next ACS-VBRS Meeting is scheduled for Monday, February 20, at Roanoke College. Dr. Carla Slebodnick (Virginia Tech) will give a presentation entitled “Crystal Structures: The Good, The Bad, and The Ugly.”

Spring VBRS Schedule

January 2016	Hollins University
February 2017	Roanoke College
March 2017	Roanoke Valley Governor’s School
April 2017	Radford University
May 2017	Tour – TBA
September 2017	Virginia Tech
October 2017	Ferrum College

Other Upcoming Meetings

Spring 2017 ACS National – San Francisco CA, April 2–6

Fall 2017 ACS National – Washington DC, August 20–24

SERMACS 2017 – Charlotte NC, November 7–11

Directions to Hollins University

From I-81, take the Hollins exit (146) south toward Williamson Road (US-11) and turn left. The entrance to Hollins University is a little more than half a mile and is on the left. The meeting is in the Ballator Gallery of the Moody Center (Building #22)

Map of Hollins University

