RAPPAHANNOCK INSTITUTE FOR LIFELONG LEARNING (RILL)

A program of the Rappahannock Community College Educational Foundation, RILL was designed by a group of volunteers to be a life-enriching and thought-provoking learning experience for adults who wish to keep their minds active.

MISSION: Recognizing that a vigorous mind is as necessary to a full life as are physical exercise and social relationships, RILL offers educational opportunities and intellectual enrichment for adults of any age. In a stimulating classroom study environment, participants can acquire new knowledge, explore thought-provoking ideas, and share their interests and experience with like-minded community members.

CLASSES: RILL's noncredit college-level courses are held in various locations within RCC's service region. Some instructors may suggest specific preliminary reading material to prepare students to get the most from the course; this information will be sent to registered students. The courses will include neither prerequisites nor tests. Evaluations by participants will provide feedback for future offerings.

For more information, or inclusion on our RILL mailing list, please contact Sharon Drotleff at srdrotleff@rappahannock.edu or 804-333-6707; or visit our website: www.rappahannock.edu/foundation

REGISTRATION: Completed registration forms (see tear-off panel in this brochure), with the appropriate tuition, must be received before the first class meeting. As class size may be limited, early registration is strongly advised. Tuition is neither tax-deductible nor refundable.

Separate charitable gifts to the Foundation, designated for RILL, will help to defray program costs. These gifts are tax-deductible.

Thank You! The RCC Educational Foundation expresses its appreciation to the Bank of Lancaster's Golden Advantage program and Rappahannock Westminster-Canterbury for their generous support of RILL 2015.

RILL Volunteer Executive Committee
Ellen and Peter Bennett, John Bott, Ginny Burnette, Bette Dillehay, Lindsey Gardner, Rob Gates, Llew Samuel, Ron Saunders, and Marilyn South

Rappahannock Community College Educational Foundation, Inc.
Cherie Carl, Dean of College Advancement, Executive Director of RCC EFI

Northern Neck Courses (continued)

#207: Nature of Dogs

November 2, 9, and 16 (Mondays); 1-3 p.m.
RCC, Kilmarnock Center, Room 100
Instructor: Dr. Gregory Boeshaar

This course will review the current understanding of the evolution of dogs from the gray wolf, and their differentiation into a wealth of breeds. Knowledge of the current behaviors by which dogs reflect their wolf ancestry helps us to communicate with our dogs during training, and in many other ways. The first session will consider how genotyping established the relationship of dogs with their remote ancestors. Session Two will look at the evolution of dogs from wolves, and at the wolf origins of some modern dog behavior. The final session will explore our growing awareness of the complexity of dog behavior and the bond between dogs and humans.

In addition to extensive education and experience in the field of astronomy, Dr. Greg Boeshaar is a knowledgeable dog lover. For twenty-five years, he has enjoyed training and titling Golden Retrievers and one Akita in American Kennel Club standards of obedience and agility. Dr. Boeshaar also works with his therapy dog Ari-Gato to provide services for senior citizens and elementary school reading programs.

#208: Microplastics in the Environment: What's the Harm?

September 15, 22, and 29 (Tuesdays); 1-3 p.m.
VIMS, Gloucester Point Campus, Watermen's Hall
Instructors: Dr. Kirk Havens, Dr. Rob Hale

Images of floating bottles and other plastic trash from the Pacific's "Great Garbage Patch" have long dismayed ocean lovers around the world. During Session One of this course, Dr. Kirk Havens will talk about the sources of both large plastic items that catch public attention, and the floating soup of "microplastics" that may actually pose a greater threat to ocean and human health. In the second session, Dr. Rob Hale will share his current research, an investigation of the potential consequences of microplastic pollution in nearby lands and waterways. He will explain what is known about these hazardous chemicals, what health risks for marine and terrestrial animals may exist, and how scientists test for leaching toxins. The final session will consist of a two-hour tour highlighting Virginia Institute of Marine Science laboratories and research related to environmental pollutants.

Dr. Kirk Havens earned his bachelor's degree in biology and his master's in oceanography from Old Dominion University, and a doctorate in environmental science and public policy from George Mason University. Dr. Rob Hale, an environmental toxicologist, holds a professorship in marine science at VIMS, and earned his bachelor's degree in chemistry from Wayne State University and his doctorate from the College of William and Mary.

RILL • Fall 2015 • Middle Peninsula Courses

#209: Sculpture Appreciation

November 6, 13, and 20 (Fridays), 1-3 p.m.
RCC, Glens Campus, Room 118
Instructor: Margaret Hancock

This class celebrates three-dimensional art, from the marble statues of antiquity to innovative works of contemporary artists. Through visual presentations, dialogue, and looking exercises during the three sessions, participants will garner a greater understanding and appreciation of sculpture across a multitude of eras, styles, and mediums.

Margaret Hancock holds the degrees of master of education from the University of Virginia and bachelor of arts in art history from Duke University. She spent several years with the National Trust for Historic Preservation in Washington D.C.; completed an internship with the National Gallery of Art; and has served as the curator and director of public programs at the Virginia Center for Architecture. Currently she owns and operates the Margaret Hancock Studio.

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<td>#203: From Scene to Story: An Exploration in Writing</td>
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*Excluded please find my check for $*  

*Please charge $* _______ **to my credit card**

**Card #:**  

**Expiration date:**  

**Security Code:**

*Signature:*

Mail registration form, with check payable to RCC EFi, to Rappahannock Institute for Lifelong Learning (RILL). RCC EFI, PO Box 923, Warsaw, VA 22572

You may also call Sharon Drotleff at 804-333-6787 to register and pay by credit card.

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**RILL • Fall 2015 • Northern Neck and King George Courses**

**#201: Stonewall in the Shenandoah**
September 11, 18, and 25 (Fridays): 1-3 p.m.  
RCC Warsaw Campus, Room 110  
Instructor: Jon Stallard

In the spring of 1862, in the Shenandoah Valley, an obscure VMI professor named Thomas Jackson founded three Federal armies of vastly greater numbers than he commanded. The Valley Campaign, though it included the only lost battle of Stonewall Jackson’s military career, is still studied worldwide, and is considered one of the most brilliant in military history. This class will follow the logistics and tactics of the campaign, the major personalities involved, and its context within the American Civil War.

**Instructor:** Jon Stallard  
**RCC Location:** RCC Kilmarnock Center, Room 100

**#202: The Future of U.S. Energy— the Sources, Uses, & Technology**
Sept. 23 and 30, and Oct. 7 (Wednesdays): 1-3 p.m.  
RCC Kilmarnock Center, Room 100  
Instructor: Dr. Harrison Daniel

The United States now stands as the world’s largest producer of petroleum and natural gas. These resources, with long-term advances in renewable energy sources, new concepts in electric power generation, and continued gains in energy efficiency, present a unique opportunity to formulate a comprehensive, environmentally-sound, and sustainable energy policy that will power our nation into the future. This three-session course will provide a basic understanding and appreciation of energy sources, their uses, and the technology required to take best advantage of them.

**Instructor:** Dr. Harrison Daniel  
**RCC Location:** RCC Kilmarnock Center, Room 100

**#203: From Scene to Story: An Exploration in Writing**
October 1, 8, 15, 22, and 29 (Thursdays): 1-3 p.m.  
RCC Kilmarnock Center, Room 100  
Instructor: Gail Kenna

In this five-session course, students will create a story by working from a compilation of written sources. (The 2014 RILL course, “Making a Scene,” is not a prereq). This new course is open to anyone interested in writing autobiography/memoir and fiction. Classes will be interactive, and an environment supportive of everyone’s efforts will be maintained. Wayne Johnson’s short story collection, “On the Observation Car,” will provide a model for the progression of scene to story. The goal for each student will be to complete one edited piece of writing during the five weeks of the course.

**Instructor:** Gail Kenna  
**RCC Location:** RCC Kilmarnock Center, Room 100

**#204: John Wilkes Booth in King George County**
October 2, 9, and 16 (Fridays): 1-3 p.m.  
RCC Warsaw Campus, Room 110  
Instructor: Elizabeth Lee

The people who aided John Wilkes Booth attempted escape, and the route he took, have fascinated people for 150 years. Pilgrims have been coming from Ford’s Theater to the site of Garrett’s barn, where Booth was killed, and many books have been written about his assassination of Lincoln and subsequent flight. However, little has been said about his escape through King George County. What route did Booth and David Herold take? Who are Rose Quesenberry, Dr. Richard Stuart, and William Rollins, and what were their interactions? Who else was involved? Students of this course will learn the answers to these and other key questions.

**Instructor:** Elizabeth Lee  
**RCC Location:** RCC Kilmarnock Center, Room 100

**#205: India and Islam**
October 13, 20, and 27 (Tuesdays): 1-3 p.m.  
Rappahannock Westminster-Canterbury, Irvington  
Instructor: Peter S. Bennett

Islam began in seventh-century Arabia, and spread over much of western Asia and the Mediterranean world within a few centuries. The first session of this course will summarize the beliefs and practices of Islam, as well as addressing the key differences that developed between Islam and Christianity. Session Two will consider the impact of Islamic rule on India, from the tenth-century Muslim invasions through the British presence that began in the mid-19th century. The third session will look at India as a modern nation, independent since 1947. Though its Hindu majority amounts to over 80 percent, India has one of the largest Muslim populations in the world, and is also located between two overwhelmingly Muslim nations (Pakistan and Bangladesh). Bennett will explain how Hindus in India deal with this substantial Muslim minority.

**Instructor:** Peter Bennett  
**RCC Location:** RCC Kilmarnock Center, Room 100

**#206: Studying and Protecting Our Historic Places: Virginia’s Northern Neck and Middle Peninsula**
Oct. 14, 21, and 28 (Wednesdays): 1-3 p.m.  
RCC Kilmarnock Center, Room 100  
Instructors: Dr. David Brown, Thane Harpole

This course gives an overview of Middle Peninsula and Northern Neck history (with emphasis on surviv- ing historic buildings, landscapes, and archaeological sites), and discusses architectural and archaeological trends, events, and persons. It covers the process of documenting historic buildings and places, and also teaches how to recognize, study, and preserve historic places, how to maintain and restore historic buildings, and how to care for and preserve archaeological sites. Information on grants and funding sources, as well as preservation easements, is also provided.

**Instructor:** David Brown and Thane Harpole  
**RCC Location:** RCC Kilmarnock Center, Room 100

**#207: Escape Through King George County**

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Jon Stallard is a native of Richmond, Virginia. He holds undergraduate and graduate degrees in political science, history, and education from Virginia Commonwealth University. As well as being an author, lecturer, and genealogist, he is a co-owner and morning show co-host on WRAR Radio.
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**www.rappahannock.edu/foundation**

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