



COLLEGE *of* CHARLESTON

THE RILEY CENTER FOR
LIVABLE COMMUNITIES

**CHARLESTON ACADEMY FOR LIFELONG LEARNING
FALL TERM CATALOG
OCTOBER 12 THROUGH NOVEMBER 19
(Course lengths vary from 1 to 6 weeks)**

Registration is online at
https://secure.touchnet.com/C20590_ustores/web/store_main.jsp?STOREID=80

SCIENCE TUESDAYS

SATELLITES

4 WEEKS

**OCTOBER 12, 19, 26 & November 2
10 to 11:30 AM**

**Online and In-Person
(In-Person limit of 30 (vaccinated);
UNLIMITED VIA ZOOM)**

Facilitator: Fred Rosenberg

Course Description: Satellites help provide the TV we watch, weather maps for our daily forecasts, navigation for planes, ships, and cars, and much, much more. This class will introduce their many uses, their design, how

they launch, how they are tracked, and how they maintain their orbits. Other issues, such as the proliferation of orbital debris and collision avoidance, will also be discussed.

Facilitator's Bio: Fred Rosenberg has a Ph.D. in astronomy from the University of Virginia. He performed x-ray and EUV astronomy research at Mullard Space Science Laboratory/University College, London; the Naval Research Laboratory; the Harvard/Smithsonian Center for Astrophysics and MIT Lincoln Laboratory, the latter in the Space Control arena, with a particular specialty in Space Surveillance, including a stint at the Millstone Hill radar site. He has taught as an adjunct professor at the College of Charleston.

Time and the Universe

**Online and In-Person
(In-Person limit of 30 (vaccinated);
UNLIMITED VIA ZOOM)**

4 WEEKS

**OCTOBER 12, 19, 26 & November 2
11:45 AM to 1:15 PM**

Facilitator: John Barth

Course Description: Why do we sometimes feel we are slaves to the clock?

Why do we feel time flies while having fun and then seems to drag during those not so fun times?

Why is man so obsessed with measuring time when we take it for granted?

This course will ask the basic question, 'What is time?' We will look at how we perceive time using our 'body clocks' and how measuring time evolved, ending with atomic clocks. We will also look at how the concept of time has changed over the centuries, discussing theories of Einstein's relativity and the modern physicists' quantum mechanics / string theories.

And while you are thinking about time: some of those physicists are asking, "Will it ever end?"

Facilitator's bio: John Barth is a former USAF officer who later worked for BAE (British Aerospace Engineering) Systems NA as part of a joint program with Australia. He has "retired," but currently restores and repairs antique clocks, doing business as The Perpetual Pendulum. He has been following the latest news about space exploration worldwide and, as an outgrowth of those disparate interests, has been further exploring the concept of time.

WEDNESDAYS

BUTTERFLIES, BEES AND LESSER-KNOWN POLLINATORS

ONE DAY ONLY

OCTOBER 13, 10 AM TO NOON

**Online and In-Person
(In-Person limit of 30 (vaccinated);
UNLIMITED VIA ZOOM)**

**Facilitators: Dwight Williams, Ph.D., and
Merle Shepard, Ph.D.**

Course Description: There is currently a growing international interest in pollinators, as their numbers continue to decline worldwide. The Lowcountry is lucky to have two experts in the subject who are willing to share their knowledge: Dr. Shepard, an emeritus professor of entomology with Clemson University, and Dr. Williams, an entomologist who worked in public health research and at Cypress Gardens. Dr. Williams will be sharing his knowledge of butterflies and Dr. Shepard will share his knowledge of bees and the lesser-known pollinators.

Facilitators' bios: Merle Shepard and Dwight Williams have literally written the book on Insect Pollinators of the South Carolina and Georgia Lowcountry, a field guide written in conjunction with two other colleagues.

Dr. Shepard has worked and consulted internationally on pest management issues and has taught graduate classes in Insect Ecology and Insect Pest Management at Clemson University. He has received numerous awards, including the Award of Excellence in integrated pest management from the Entomological Society of America. He has authored or collaborated on more than 150 refereed articles and seven books. The latter includes a field guide entitled Garden Insects of South Carolina about our beneficial species & potential pests. An Emeritus Professor of entomology with Clemson University's Coastal Research Center in Charleston, he is currently working on several projects, including a survey of pollinators from Spring Island, near Beaufort. Dr. Shepard earned his Ph.D from Texas A&M and his Master's from the University of Georgia.

Dr. Williams was director of the University of South Carolina's International Center for Public Health Research. He then served as its environmental education supervisor and director at Cypress Gardens. He now operates a small nursery, Bottle Tree Gardening, where he raises pollinator plants. He received his B.S. degree in animal science and

his M.S. degree in entomology from the University of Arkansas. He earned his Ph.D. in entomology from Louisiana State University.

**Breaching the German Westwall:
The Fall 1944 Battles
at Aachen and the Huertgen Forest**

**ONE DAY ONLY
OCTOBER 20, 10 AM TO 11:30**

**Online and In-Person
(In-Person limit of 30 (vaccinated);
UNLIMITED VIA ZOOM)**

Facilitator: William Cosgrove

Course Description: Join us as Bill Cosgrove shares the story of these pivotal battles. Bill's presentation is based on the experience of two combat infantryman. This type of course, which involves retracing their actual battle steps, has stimulated much interest in the participants and has prompted many to further explore their father's, friends' or other relatives' WW2 experiences.

Facilitator's Bio: Bill is a graduate of both UGA and Clemson. He worked for the US-EPA for 35 years as an engineer and served as an adjunct instructor at UGA in the Environmental Health Science Department. The son of a WW2 veteran, his lifelong passion is World War Two history and he has made ten trips to the battlefields in Europe. Bill has done presentations at OLLI-UGA since 2013. He is the author of "Time on Target: the 945th Field Artillery Battalion in World War Two" and he volunteers

with the Witness to War Foundation interviewing WW2 veterans. His web site for the 945th FAB is www.timeontarget.us

THE HOMEFRONT IN AMERICA: 1941-1946

3 WEEKS

November 3, 10 & 17

10 AM TO 11:30 AM

Online Only

(UNLIMITED VIA ZOOM)

Facilitator: Russ Hutchins

Course Description: Pearl Harbor changed everything. War news from Europe and the bombing of England had been in the news since 1939. Japan invaded China and was expanding into Korea. The US government had asked for the draft and creation of Lend Lease to England. War was coming.

After Dec. 7, 1941, American men and women, grandparents, and young children under 18 were all affected in drastic ways. Men joined the service - some to be never seen again or not return until late 1945. Women worked in the war factories making ships, airplanes, ammunition, guns, parachutes. Some also worked on the top-secret Manhattan Project. Women flew airplanes to the coast for transfer. They learned to weld and get dirty at work.

Grandparents became the babysitters and surrogate parents in the absence of the parents. News reels in the movie theaters brought war up close and would affect young people wondering about Daddy and their uncles.

Rationing of gasoline, tires, flour, butter and meat would take effect on a large scale. Women were using stamps along with money to buy items in the store, many that were in limited quantities. Tires were repeatedly patched to make them last longer.

Reading the newspaper and sight of the telegram delivery boy brought panic into the homes of those who feared possible bad news concerning the fate of a loved one.

Come join us as we journey back in time to the Homefront years in America during WW2. That generation was the Greatest!

Facilitator's Bio: Russ Hutchins, ED.SP., holds degrees from Emporia St. University, The University of Kansas, and Pittsburg St. University. Russ has just moved to the Summerville area from Kansas. He has taught United States History, Western Civilization, and Economics at Friends University-Topeka. A retired public school administrator and educator of 40 years, he brings his expertise and his varied teaching style to large and small groups to make the subjects more engaging. He has been an Osher Institute lecturer since 2004 speaking on subjects including POWS in America during WW2, Homefront in America during WW2, FDR and Truman leadership styles, Brown vs Board of Education, Topeka. and the Civil War on the Border States of KS, MO, and ARK. He is willing to share his expertise with CALL participants.

READERS THEATRE

IN-PERSON ONLY (Riley Center, Limit 30)

4 WEEKS

(Oct. 27; Nov. 3, 10 & 17)

12:30 to 2 PM

Facilitator: Diana Barth

Course Description: We will once again enjoy being dramatic in an easy, comfortable way. Readers Theatre actors (both men and women) do not need to memorize their lines. They will use vocal expression to help listeners understand the story, rather than relying heavily on sets, costumes or movement. In this course, we'll read both modern and classic plays aloud. Participants will be invited to suggest scenes from some of their favorite plays, if they desire. Class participants laugh a lot, as being Wilbur in Charlotte's Web -- or one of Salem's witches for an hour or so -- is great fun.

Facilitator's Bio: Diana Barth has taught English to adults and at the secondary school level. A retired attorney, she also wrote for her local newspaper, covering politics and later serving as arts and entertainment editor. She loves the opportunity to participate in Reader's Theatre.

THURSDAYS

WHO DONE IT?

**"The detective novel is a tragedy with a happy ending."
-Raymond Chandler**

6 WEEKS

Thursdays, Oct. 14 – Nov. 18

10 TO 11 AM

**Online and In-Person
(In-Person limit of 30 (vaccinated);
UNLIMITED VIA ZOOM)**

Facilitator: Vincent X. McGuire

Course Description: The detective novel has been one of the most popular genres of the past 150 years. While that genre has evolved over the years, it has always been characterized by a very certain structure: there is a central mysterious crime, usually murder; a closed circle of suspects each with means, motive and opportunity to have committed the crime; a detective, either professional or amateur, who comes in to solve the mystery and, by the end of the book, a solution that the reader can arrive at by deduction. Thus, the detective brings order to disorder and the restoration of peace after the destructive element of murder.

This course will follow the historical timeline of the genre's development. We will begin with a discussion of detective novels in general and look briefly at some of the very first attempts at detective fiction. We will then explore the inimitable Sherlock Holmes, and you will be asked to read the first short story featuring him: "A Scandal in Bohemia". This will be followed by a look at the golden age of detectives and at Agatha Christie and her novel "And Then There Were None". We will then continue with hard-boiled detective fiction, e.g., Raymond Chandler and Dashiell Hammett. Here, you will be asked to read "The Lady in the Lake" by Chandler and "The Maltese Falcon" by Hammett.

We will finish with an examination of the modern police detective who operates in modern cities amid horrible chaos and confusion. We will be reading Michael Connelly's "The Poet," an excellent example of the milieu within which modern detection occurs.

Facilitator's Bio: Vincent McGuire, Ph.D., has retired as a professor of Politics at the University of Colorado in Boulder. Dr. McGuire moved to the Charleston area after teaching in Boulder for more than 25 years.

How American Government Was Designed To Work: The Constitution

6 WEEKS

Thursdays, Oct. 14 – Nov. 18

11:30 AM to 1 PM

**Online and In-Person
(In-Person limit of 30 (vaccinated);
UNLIMITED VIA ZOOM)**

Facilitator: Vincent X. McGuire

Course Description: Much of the chaos in Washington DC and the frustration of the American people is due to our loss of knowledge of, and reverence for, our Constitution. The Constitution and Declaration of Independence offer not just a spirit of freedom and goals, but a logical and rational framework for our country's government based on reasonable principles. For four weeks, we will discuss the framers' ideas, along with readings from the Declaration, the Constitution, and a few select Federalist papers (NOT POLITICS). For the 5th week, participants will discuss the role of President; for the 6th, that of Congress, all as envisioned by the writers of our Constitution. While Vince McGuire may not be providing ammunition for political fights, he does guarantee a good time in class.

Facilitator's Bio: Vincent McGuire, Ph.D., has retired as a professor of Politics at the University of Colorado in Boulder. Dr. McGuire moved to the Charleston area after teaching in Boulder for more than 25 years.

FRIDAYS

Poetry Unchained:

A Look At Where We've Been **And What's Being Written Now**

6 WEEKS

Oct. 15, 22, 29; Nov. 5, 12 & 19

10 to 11:30 AM

Facilitator: Diana Barth

Course Description: We are living in a time when vigorous, passionate and interesting poetry is being written in English. That poetry is multi-cultural and no longer tied to any assumption of class, gender, or any particular set of confining forms. We'll look at some of the poetry that began breaking the rules. (There still are some conventions to discuss.) Then we'll explore some of the good poetry being written today. Participants will be given 10 poems a day from ten different poets as we take a quick survey of the 20th Century and a peek at the start of the 21st.

Facilitator's Bio: Diana Barth has taught English to adults and at the secondary school level. A retired attorney, she also wrote for her local newspaper, covering politics and later serving as arts and entertainment editor. The fact that her own poetry is romantic drivel has not ever kept her from writing it...or from exploring the best of what others have written.

Who We Are:

The Charleston Academy for Lifelong Learning (CALL) is a program offered by the College of Charleston Center for Creative Retirement.

- **Our classes are peer-to-peer and meet online and/or in person at the College of Charleston's Riley Center for Livable Communities, 176 Lockwood Boulevard, Charleston. Parking is plentiful and free.**
- **Courses are online, in person, or a hybrid, i.e., a combination of both.**
- **Classes meet weekly for anything from one to six weeks and are 90 minutes each, unless otherwise specified in the course description.**
- **CALL offers fall, winter, and summer terms.**
- **CALL participants pay \$10 per course**
- **Participants may register for any or all the courses offered that term. They will receive a confirmation with the time, place and a parking permit. If the course is offered online, they will also receive a Zoom link to that class.**
- **As a peer-to-peer lifelong learning organization, we are always looking for facilitators with an interest or passion to share. We are now looking for a wide variety of courses for our Winter Term (Feb./Mar. 2022).**

Register/Contact Us:

Registration is secure and online at

https://secure.touchnet.com/C20590_ustores/web/store_main.jsp?STOREID=80. If you have any registration questions, email us at CAforLifelongLearning@gmail.com

More information and links to CALL Registration are online at <https://blogs.cofc.edu/ccr/lifelong-learning/>

CALL is also on Facebook at

<https://www.facebook.com/CAforLifelongLearning/>

CALL Committee Chair Diana Barth can be reached at CAforLifelongLearning@gmail.com. The Riley Center for Livable Communities can be reached at (843)953-6103.