



## Fall Semester 2023

First term: Sept. 11 – Oct. 20

Second term: Oct. 23 – Dec. 8

- Fall Semester registration begins **Thursday, July 27 at 9:30 A.M.**
- Before registering, please read the Important Information section (pages 42-45) at the end of this catalog of course descriptions. This section includes refund policy, adverse weather policy and more.
- You may phone in your registration at 919.515.5782 (option 1) or register online at [www.ncsu.edu/olli](http://www.ncsu.edu/olli)
- Be aware that some offerings overlap in time, so double-check your schedule before finalizing your registration (drop fees apply).
- **Interested in trying OLLI without a commitment?** The following lectures are being offered at a non-member rate of \$20 each: Factors Shaping the 2024 Elections, Strange Creatures of the Permian Period, Mayberry Modernism: North Carolina's Architectural Legacy with George Smart, The Anatomy of a Local Newscast with WRAL's Gerald Owens. No OLLI membership is necessary, but registration is only available by calling the OLLI office M-F 8:30-4:30 at 919.515.5782.

## FIRST TERM MULTI-WEEK COURSES

### MONDAY

#### **Battles of the American Revolution 1782-1783**

*Instructor:* Dave Milidonis

Most American history texts end with Yorktown and skip immediately to the 1783 Treaty of Paris. What happened between October 19, 1781 and the year and a half afterwards is a story that needs to be told. Yorktown was not the last battle of the war. It was not even the last battle on the North American continent. Blood was spilled in Ohio, Kentucky and Virginia. Even today, several U.S. towns lay claim to being the site of the last battle of the war on the continent. Savannah, Charleston and New York were still housing large garrisons of British troops. Nicaragua, Ceylon (Sri Lanka), India, the West Indies, Gibraltar, Nova Scotia and even the Bahamas were scenes of battles from 1782 through 1783. There was a conspiracy in New York that threatened to end the military and political career of George Washington permanently. United States independence was still subject to Britain's willingness to negotiate. This is the story of that last year and a half.

**Note:** Enrollment in the previous courses in this series are not prerequisites to enroll in this course; nor is previous enrollment a guarantee of enrollment in this course, so register early! There are two identical sections of this course, one in the first term and one in the second; choose the one that best fits your schedule.

**Instructor:** *Dave Milidonis*; founder and managing director of the non-profit organization, the National Veterans History Archival Institute (NVHAI); 1974 graduate, U.S. Military Academy, West Point; 20 years U.S. Army infantry experience; veteran OLLI instructor and 2019 recipient of the William C. Friday Award for Distinguished Service in Retirement, given by NC State's Association of Retired Faculty.

**Course #:** MCE-LLI-1-149 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Sept. 11, 18, 25, Oct. 2, 9, 16 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 9

### **In the Heart of Africa: The Congo**

*Instructor:* Roland Menestres

In the heart of Africa lies the Democratic Republic of Congo, one of the richest countries in the world and a place from where many of the rare metals used in our favorite electronics originate. It is the second largest and fourth most populous country on the African continent but the bounty has not trickled down to benefit all citizens. We will explore why through an in-depth cultural and historical analysis, from the old Bakongo Kingdom, Western explorers, colonial days and the most recent wrestle with democracy.

**Recommended Reading (Optional):** *King Leopold's Ghost*, Adam Hochschild; *Congo, the Epic History of a People*, David Van Reibrouck; *Heart of Darkness*, Joseph Conrad.

**Instructor:** *Roland Menestres*; B.A., French Languages and Literature, NC State; retired high school teacher; license in English as a Second Language; OLLI member and veteran OLLI instructor.

**Course #:** MCE-LLI-1-150 **Instance #:** 000001 **Six Sessions:** 11a.m.-12:30p.m. **Dates:** Sept. 11, 18, 25, Oct. 2, 9, 16 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 9

### **The Evolution of Poetic Structures**

*Instructor:* Terri Strug

From Petrarch up to Ellen Bass, poets have written to established forms. In this class, we will study poetic structures: the ballad, sonnet, villanelle, ode, elegy, blank verse, and free verse. On what form does a poet choose to hang his or her words? Does it matter? Is there a poetic awareness of form and function? We will answer these questions as we study the poems of Shakespeare, Wordsworth, Elizabeth Bishop, Countee Cullen, Robert Frost, Claud McKay, Richard Wilbur, W. H. Auden, Mary Oliver, and Ellen Bass. Recognition of these established structures brings us into the crafting process of poetry, thereby heightening our awareness of the poet at work.

**Required Reading:** Two poems will be assigned to be read for each class. Poems will be provided by the instructor.

**Instructor:** *Terri Strug*; Ph.D., UNC-Chapel Hill; college professor of English and world literature; archival work with Austria's State Opera; contributed to the Oxford Companion of Literature; former member, NC Judicial Evaluation Committee, and Piedmont Opera's Board of Directors; was active in Dartmouth's OLLI; teaches poetry for OLLI at Duke.

**Course #:** MCE-LLI-1-151 **Instance #:** 000001 **Six Sessions:** 11a.m.-12:30p.m. **Dates:** Sept. 11, 18, 25, Oct. 2, 9, 16 **Limit:** 14 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 9

### **American Indian Schools in 20<sup>th</sup> Century NC**

*Instructor:* Quinn Godwin

This course will introduce students to the contemporary landscape of North Carolina's American Indian communities and provide insight into their historic struggle for education in a segregated and mostly binary Jim Crow South. With a particular focus on the experiences of state-recognized tribes, students will examine the impact these schools had on their communities, hear first-hand accounts of American Indians who attended them, and discuss ways in which the state is trying to preserve their history.

**Instructor:** *Quinn West Godwin*; an enrolled member of the Lumbee Tribe of North Carolina; Associate Director of the North Carolina American Indian Heritage Commission; a double Tar Heel with a B.A. in Dramatic Arts and a J.D. from the UNC School of Law; formerly served in Governor Roy Cooper's Office of

Public Engagement and Inclusion where, among other tasks, he engaged diverse communities across the state.

**Course #:** MCE-LLI-2-086 **Instance #:** 000001 **Three Sessions:** 1-2:30p.m. **Dates:** Sept. 11, 18, 25 **Limit:** 50  
**Location:** McKimmon Center 11/12 **Fee:** \$40 **Registration Deadline:** Sept. 9

### **The American Diet Throughout History**

*Instructor:* Sarah Ash

What factors, from the 19<sup>th</sup> through the mid 20<sup>th</sup> century, shaped American eating behaviors and attitudes towards food? We will look at how social, economic and political conditions, including immigration, the Progressive Era, WWI, the Depression years, WWII and the post war boom, have influenced food availability, food processing, food safety, and preference. We will also examine the intersections of science, religion, and societal norms relative to early dietary recommendations, and the unique roles that women have played as disseminators and recipients of dietary information. Finally, we will ask whether our past experiences can predict the future of food in the U.S.

**Recommended Reading (Optional):** *Revolution at the Table: The Transformation of the American Diet*, Harvey Levenstein; *Perfection Salad: Women and Cooking at the Turn of the Century*, Laura Shapiro; *Modern Food, Moral Food: Self-Control, Science and the Rise of Modern American Eating in the Early Twentieth Century*, Helen Voigt; (see online course description for additional readings)

**Instructor:** Sarah Ash; A.B., Biology, Harvard University; M.S., Ph.D., Nutrition, Tufts University; professor emerita in the Department of Food, Bioprocessing, and Nutrition Sciences, NC State; recipient of the UNC System Board of Governors Award for Excellence in Teaching, the NC State Alumni Distinguished Professor Award, and the USDA Food and Agriculture Sciences Excellence in Teaching Award, among others.

**Course #:** MCE-LLI-1-152 **Instance #:** 000001 **Six Sessions:** 1-2:30p.m. **Dates:** Sept. 11, 18, 25, Oct. 2, 9, 16 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 9

### **OLLI: Behind the Scenes**

This free course is for new and long-time OLLI members that want to know more about how our organization is structured and our day-to-day operations. OLLI staff will instruct you on the individual roles they play in ensuring our program honors the mission and values of the Osher National Resource Center and NC State Continuing and Lifelong Education. We will highlight the work of our extraordinary volunteers and ways that you can lend your time and talents to OLLI NC State!

**Note:** This course is free to members, but registration is required.

**Course #:** MCE-LLI-2-091 **Instance #:** 000001 **Two Sessions:** 1:00p.m.-2:00p.m. **Dates:** Oct. 2,9 **Limit:** 55  
**Location:** McKimmon Center 11/12 **Fee:** \$0 **Registration Deadline:** Sept. 30

### **Great Books Discussion -- "Great Conversations 2"**

*Instructor:* John Pilgrim

Join us for great conversations about classic texts. We will be reading selections from Great Conversations 2, an anthology compiled by the Great Books Foundation and available for \$24.95 at [store.greatbooks.org](http://store.greatbooks.org).

**Required Reading:** *Great Conversations 2*, purchase for \$24.95 - [store.greatbooks.org/great-conversations-2/](http://store.greatbooks.org/great-conversations-2/)

**Our schedule will be:**

**September 11:** The Bible, Judges 13-16, *The Story of Samson*

**September 25:** John Donne, Selected Poems

**October 9:** Descartes, Meditations One and Two

**October 23:** Gogol, *The Nose*

**November 6:** Dostoevsky, *The Grand Inquisitor*

**November 27:** Poe, *The Fall of the House of Usher*

**Instructor:** *John Pilgrim*; Ph.D., Economics, Vanderbilt University; B.A., Economics, Grinnell College; professor of economics for 35 years, now retired; has taught various economics-related OLLI courses; facilitates the OLLI Great Books discussion course; veteran OLLI instructor.

**Course #:** MCE-LLI-1-021 **Instance #:** 000003 **Six Sessions:** 3-4:30p.m. **Dates:** Sept. 11, 25, Oct. 9, 23, Nov. 6, 27 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 9

## TUESDAY

### **Via Zoom -- Innocence Abroad: A Quaker Missionary in Palestine**

*Instructor:* Max Carter

Between 1929 and 1967, Annice Carter, a Hoosier-born Quaker, served as a missionary for 14 years, primarily in Palestine but with two years in Kenya. Her service in Quaker educational work coincided with some of the most dramatic historical events in those regions in the 20<sup>th</sup> century. We will explore her changing views of religion, her responses to colonialism, the dramatic events in the Middle East, and nationalist movements in Africa through the thousands of letters she sent home. Along the way, we'll assess the ability to escape one's own cultural assumptions as well as examine current issues in the Middle East that Annice would have definite opinions about!

**Recommended Reading (Optional):** *Annice Carter: A Life of Service* (Friends United Press: publication in late 2023)

**Instructor:** *Max Carter*; Ph.D, American Religious History, Temple University; retired in 2015 from Guilford College as the William R. Rogers Director of Friends Center and Quaker Studies; member of the Religious Society of Friends (Quakers); serves on numerous boards of Quaker organizations and is the author of five books and numerous chapters and articles.

**Course #:** MCE-LLI-1Z-166 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Sept. 12, 19, 26, Oct. 3, 10, 17 **Limit:** 100 **Location:** Zoom **Fee:** \$55 **Registration Deadline:** Sept. 7

### **Establishing Financial Security During Widowhood**

*Instructors:* Trevor Lawson, Devin Butler

This class focuses on financial planning for and during widowhood. The first session will provide education on how to ensure each spouse is prepared in the event of a loss. The second will cover considerations for the new widow. The final session will discuss adjusting to a new financial normal, along with opportunities to stay engaged within the community. The overall objective of this class is to help attendees become best educated, organized, and prepared to create financial security during a time of transition.

**Instructor:** *Trevor Lawson*; Financial Planner, Capitol Financial Solutions; B.S., Chemical Engineering, NC State; Certified Financial Planner, Duke University.

**Instructor:** *Devin Butler*; Financial Planner, Capitol Financial Solutions; B.S., Business Administration (Finance), NC State; Certified Financial Planner, Duke University.

**Course #:** MCE-LLI-2-081 **Instance #:** 000001 **Three Sessions:** 9-10:30 a.m. **Dates:** Oct. 3, 10, 17 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$40 **Registration Deadline:** Oct. 1

## **OFFSITE -- Discovering the Dead at Oakwood Cemetery**

*Instructors:* Robin Simonton, Bruce Miller

Join historian Bruce Miller and Robin Simonton, executive director of the Historic Oakwood Cemetery, for an engaging course about the lives of our famous (and infamous) permanent residents. Along the way, we'll learn about the history of cemeteries, how modern burial grounds work, monument art and symbolism, and the history of those who lived in our community. With 153 years spread out over 72 acres, we'll learn a lot. This course will be held on the Oakwood Cemetery grounds, so be prepared for walking and standing. Specific directions will be sent prior to the first class.

**Instructor:** *Robin Simonton*; Executive Director of Historic Oakwood Cemetery since 2011; B.A., U.S. History, University of Hawaii; M.A., Historical Administration, Eastern Illinois University; served as researcher of the book *Oahu Cemetery: Burial Ground & Historic Site*, by Nanette Napoleon in 1997; co-authored *Images of America: History Oakwood Cemetery* with Bruce Miller, 2017.

**Instructor:** *Bruce Miller*, A.B., Dartmouth College; M.A., UNC-Chapel Hill; former teacher/administrator Ravenscroft School; history teacher at Deerfield Academy, MA; authored *Oakwood to Oakwood, Volumes 1 & 2*; co-authored *Images of America: Historic Oakwood Cemetery* with Robin Simonton, 2017.

**Course #:** MCE-LLI-1-042 **Instance #:** 000003 **Six Sessions:** 10-11:30 a.m. **Dates:** Sept. 12, 19, 26, Oct. 3, 10, 17 **Limit:** 24 **Location:** Offsite **Fee:** \$55 **Registration Deadline:** Sept. 10

## **Talkin' Baseball IV: A Colorful History**

*Instructor:* Randall Ward

"The other sports are just sports. Baseball is a love." Bryant Gumbel

"Baseball is, was, and always will be the best game in the world to me." Babe Ruth

You don't have to love baseball to join Randy Ward in this class. Baseball has lent itself to endless topics and fascinating discussions among Americans since the 19<sup>th</sup> century. This course will feature a discussion of colorful characters, teams, and movies not previously discussed in Talkin' Baseball classes. All experiences and personal perspectives are welcome.

**Instructor:** *Randall Ward*; B.S., M.Ed. from the University of Delaware; he was a Delaware educator for 34 years; he is enthusiastic about many things and has been in love with baseball for as long as he can remember; he strives to live by these words: "Each day is a gift."

**Course #:** MCE-LLI-1-153 **Instance #:** 000001 **Six Sessions:** 11a.m.-12:30p.m. **Dates:** Sept. 12, 19, 26, Oct. 3, 10, 17 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 10

## **Noir Is the Time: The Many Faces of Film Noir**

*Instructor:* Lewis Beale

Film noir is the term given to American thriller and detective films of the 1940s and 1950s, filled with menace, pessimism and violence. But the noir attitude was not just limited to crime movies. This course will feature six noirs from the crime, western and sci fi worlds, including the only noir directed by a woman, a western of moral complexity and a sci fi film with a very famous ending. A discussion will follow each screening.

**Note:** All of these films contain violence, to a greater or lesser degree. If violence of any sort bothers you, this course is not for you.

**Instructor:** *Lewis Beale*; film industry reporter for newspapers in New York and Los Angeles; taught journalism at UNC-Wilmington; has written for *The New York Times*, *Newsday*, the *L.A. Times*, *The Daily Beast* and other magazines and websites; veteran OLLI instructor.

**Course #:** MCE-LLI-1-168 **Instance #:** 000001 **Six Sessions:** 1-4:00p.m. **Dates:** Sept. 12, 19, 26, Oct. 3, 10, 17 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$75 **Registration Deadline:** Sept. 10

## The Wonders of Mushrooms and Other Fungi

*Instructor:* Gerald Van Dyke

Fungi have been given their own Kingdom status because of certain characteristics, some unique. Fungi are diverse, ranging from single celled yeasts to large structures called mushrooms. Fungi have significance in history with examples such as penicillin, the Dutch Elm and American Chestnut Blight Diseases, and the Irish Potato Blight. They are important in fermentation and food processing, medicine and industrial products. They are essential to the breakdown of waste products. They cause disease to animals, humans, plants and even to one another. In this course we will explore the many diverse and significant aspect of fungi. They are more important than most realize, so let's "shroom" in and see if we can have a better understanding of the wondrous world known as the Fungal Kingdom.

**Instructor:** *C. Gerald Van Dyke*; Emeritus Professor, NC State; B.S., Botany, Eastern Illinois University; M.S. and Ph.D., Plant Pathology, University of Illinois; served NC State Depts. of Botany and Plant Pathology (1968 - 2006); teaching coordinator, undergraduate and graduate director; multiple awards including Outstanding Teacher (Academy of Outstanding Teachers), College Adviser, Alumni Distinguished Undergraduate Prof., Board of Governors Award Teaching and Learning; served on many University committees and advised many organizations.

**Course #:** MCE-LLI-1-154 **Instance #:** 000001 **Six Sessions:** 1-2:30p.m. **Dates:** Sept. 12, 19, 26, Oct. 3, 10, 17 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 10

## Talking About Race and Ethnicity

*Instructors:* John Luecke, Lee Tate

The "living room conversation" format provides us with a structure and conversation agreements by which we can explore our experiences with and feelings about people who differ from us racially and ethnically. At the beginning of each session we will review the conversation agreements; we will then respond to a set of structured questions. The structured format is designed to help us listen thoughtfully and non-judgmentally to others, and to serve as a place where we can be listened to. It is not a place to debate or attempt to persuade others of your views. The co-moderators will ensure equal "air time" for all participants and keep the discussion on track.

### **We'll discuss:**

- The meaning of race and ethnicity
- How we interpret race and ethnicity
- Our experiences with people of different races and ethnicities
- Any feelings that have resulted from our lived experience with race and ethnicity
- Microaggressions -- what they are and how we can deal with them

This course is participative and interactive, and includes opportunities to help you better understand how you interact with people who are racially and culturally different from you.

**Instructor:** *John Luecke*; bachelor's and master's in Communication, University of Wisconsin-Milwaukee; worked in the corporate public relations before transitioning to teaching; earned an intercultural studies certificates from the Intercultural Communication Institute and University of British Columbia; taught communication at High Point University and the University of Wisconsin-Whitewater; current OLLI instructor.

**Instructor:** *Lee Tate*; MBA in Computer and Information Science, Temple University; retired senior manager with extensive experience in leading diverse teams; career has focused on delivery excellence through communication, accountability, collaboration and leadership; currently serves as Lead in workshop "Living the Pledge to End Racism."

**Course #:** MCE-LLI-2-082 **Instance #:** 000001 **Three Sessions:** 3-4:30p.m. **Dates:** Sept. 12, 19, 26 **Limit:** 9  
**Location:** McKimmon Center 13 **Fee:** \$40 **Registration Deadline:** Sept. 10

### **Via Zoom -- Key Battles of World War II in the Pacific**

*Instructor:* Ron Henderson

In this course, retired Rear Admiral Ron Henderson presents his popular chronicles of World War II in the Pacific. Henderson delivers a smooth chronological narrative of the dramatic clash between the United States and Japan, from the first bombs dropped at Pearl Harbor to the surrender in Tokyo Bay. ***This program is offered in partnership with OLLI at UNCW.***

**Instructor:** *Ron Henderson*; retired to the Wilmington area in 2015 after a career of service in the United States Navy; a Navy pilot, he flew FA-18 jet fighters from aircraft carriers and commanded an FA-18 squadron aboard USS Nimitz; he also commanded the amphibious assault ship USS Juneau and the aircraft carrier USS John F Kennedy; after military retirement in 2010, he worked for a civilian nonprofit; Henderson is Chairman of the Board of Directors for Friends of the Battleship North Carolina; Rear Admiral USN (retired) MA, National Security; Strategic Studies; OLLI at UNCW member.

**Course #:** MCE-LLI-1Z-181 **Instance #:** 000001 **Six Sessions:** 3-4:30p.m. **Dates:** Oct. 3, 10, 17, 24, 31, Nov. 7 **Limit:** 100 **Location:** Zoom **Fee:** \$55 **Registration Deadline:** Sept. 28

## **WEDNESDAY**

### **Canada and the United States: A Cross-Cultural Exploration**

*Instructor:* Ruth Wieder

This course offers an exploration of Canada, one of the largest and most diverse countries in the world by examining its history, culture, and people. We will follow Canada from its indigenous origins to its present-day status as a multicultural nation. This course will strive to place the Canadian experience in context with its most important southern neighbor.

**Instructor:** *Ruth Wieder*; holds an Hons BFA from the University of Toronto's Victoria College; she has worked for the McMichael Canadian Art Collection as an Interpretive Curator and Public Programmer; a dual citizen, she moved from her hometown of Toronto to Washington, D.C. where she worked as a place branding strategist; she was part of the team that helped develop the Visit Raleigh brand where she fell in love with this city and moved here permanently in 2019; she continues her consulting work in addition to founding a non-profit, AWAKE: Cultural Paths.

**Course #:** MCE-LLI-1-180 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Sept. 13, 20, 27, Oct. 4, 11, 18 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 11

### **James Madison and the U.S. Constitution**

*Instructor:* Donald Price

James Madison was a consummate politician who is remembered as the father of the U.S. Constitution and the fourth President of the United States. He played a major role in America's government as an influential member of the House of Representatives, a brilliant member of the Virginia Assembly, and the youngest member of the Second Continental Congress during the Revolutionary War period. Discover how Madison became the father of the Constitution. How did family, education, religion, friends, politics and the unfolding events in America influence Madison? Consider why America needed a new Constitution, and hear the truly fascinating story about Dolley Madison, his wife, who went from near poverty to become America's first lady

and the belle of Washington society. This course is for everyone who wants to dig deeper into America's history and gain a better understanding of the United States Constitution.

**Instructor:** *Don Price*; retired Raytheon Corp Project Manager; immersed himself in his love of American history during retirement; he became a licensed tour guide in Washington, D.C. leading tours of historic sights; employed by the Montpelier Foundation for six years as a historic interpreter at James Madison's home where he shared about the life of James and Dolley Madison and the history of how James Madison became the "Father of the U.S. Constitution."

**Course #:** MCE-LLI-1-155 **Instance #:** 000001 **Five Sessions:** 11a.m.-12:30p.m. **Dates:** Sept. 13, 20, 27, Oct. 4, 11 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 11

### **What is Truth?**

*Instructor:* Ben O'Neal

As citizens we can't agree on what is true, so we cannot act to correct our paths in a rapidly changing world, endangering our democracy. We learn primarily from stories but who are the storytellers and why do they select ones that divide us into warring tribes? Technology has provided a way for millions of people and robots to broadcast stories that are not in our best interest. This is not a new problem, as Plato noted "Storytellers rule the society"(360 B.C.). We need to find a way to learn from data rather than stories. We have to find a way to evaluate the character and the intentions of the storytellers without violating our first amendment right of free speech.

**Instructor:** *Ben O'Neal*; Distinguished Professor Emeritus of Communications and Signal Processing, NC State; RJ Reynolds Award for Research, Extension and Teaching; Academy of Outstanding Teachers, veteran OLLI instructor, OLLI member.

**Course #:** MCE-LLI-1-175 **Instance #:** 000001 **Six Sessions:** 11a.m.-12:30p.m. **Dates:** Sept. 13, 20, 27, Oct. 4, 11, 18 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 11

### **Exploring Wagner's "Ring of the Nibelung"**

*Instructor:* Jonathan Kramer

Richard Wagner's operatic masterpiece "Ring of the Nibelung", commonly known as the Ring Cycle, is a mythological tale of a stolen ring and a dwarf's quest to retrieve it. It comprises 15 hours of music and took Wagner 26 years to complete. This course aims to explore the work through discussion of characters, plot, music, and staging. We will watch a video of a Metropolitan Opera performance over the five weeks, and examine readings from *Finding an Ending: Reflections on Wagner's Ring* by Philip Kitcher and Richard Schacht.

**Instructor:** *Jonathan Kramer*; retired teaching professor of Music and Arts Studies, NC State; adjunct professor of Ethnomusicology, Duke University; he served as instructor of cello and chamber music on the teaching faculty of the NC School of the Arts Summer Chamber Music Institute; his performance piece "Pau Casals: Artist of Conscience" has been given at the Kennedy Center, the 92nd Street Y, and the Queen Elizabeth Hall in London; he frequently gave pre-concert lectures for the NC Symphony; he is co-author of the textbook *What in the World is Music?*; studies for the book have taken him to India, Korea, China, Uganda, Ethiopia, and Suriname.

**Course #:** MCE-LLI-1-123 **Instance #:** 000002 **Six Sessions:** 1-2:30p.m. **Dates:** Sept. 13, 20, 27, Oct. 4, 11, 18 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 11



## **Pulp Fiction and the Hard-Boiled Detective**

*Instructor:* Cary Frederick

American detective fiction in the 1920s and 1930s developed as a counterpoint to the detectives in "cozy" mysteries prevalent in Europe at the time (Agatha Christie's Hercule Poirot is a prime example). This course will begin with an overview of the beginning of the detective in fiction in the 19<sup>th</sup> century. Using the writings of James Cain, Raymond Chandler, and Dashiell Hammett, we'll then discuss how the uniquely American hard-boiled detective came about: first through pulp fiction magazines and eventually into full-length novels. The final class will address modern authors that continue this tradition, including Robert B. Parker's "Spenser" series and John D. MacDonald's Travis Magee character. All required and recommended readings are available for free at archive.org. A syllabus will be sent to participants two weeks before the start of class.

**Required Reading:** *The Maltese Falcon*, Dashiell Hammett; *The Big Sleep*, Raymond Chandler; *The Postman Always Rings Twice*, James M. Cain

**Recommended Reading (Optional):** Short stories to be assigned in class and novels of John D. Macdonald and Robert B. Parker

**Instructor:** *Cary Frederick*; B.A., MLS, Indiana University; film studies at College of Staten Island 1979-80; began a NYC tour company called Rent-a-New Yorker in 1982; from 1971-2006, helped run the Current Broadway Theater Tour; taught four classes covering these 45 years at UMass Boston via Zoom; married, two children; moved to N.C. from the Boston area in 2020.

**Course #:** MCE-LLI-1-164 **Instance #:** 000001 **Six Sessions:** 1-2:30p.m. **Dates:** Sept. 13, 20, 27, Oct. 4, 11, 18 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 11

## **Interplanetary Spaceflight and Robotic Exploration**

*Instructor:* Alan Rich

This class will provide a comprehensive look at the diverse subjects involved in the robotic exploration of planets, asteroids, comets, and other objects in space beyond the reach of manned spaceflight. Covered topics include the rockets used as launch vehicles, spaceflight trajectories and navigation in space, the science instruments onboard, rovers and our new Mars helicopter. Also covered will be the search for life in space, alien planets, and the future of space exploration.

**Recommended Reading (optional):** JPL.NASA.GOV is the public web site for NASA's Jet Propulsion Laboratory (JPL) at the California Institute of Technology. Excellent basic information related to this course can be found on most of the world's unmanned space exploration missions.

**Instructor:** *Alan Rich*; B.S., M.S., Chemistry; spokesman for NASA through the JPL Solar System Ambassador program since 2001; facilitating scientist for technology spin-offs from Mars exploration into the field of diagnostic medicine.

**Course #:** MCE-LLI-1-105 **Instance #:** 000002 **Six Sessions:** 3-4:30p.m. **Dates:** Sept. 13, 20, 27, Oct. 4, 11, 18 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Sept. 11

## **THURSDAY**

### **Via Zoom -- Retirement Planning. Moving Beyond the Basics**

*Instructor:* James Richardson

Retirement planning is not easy. Making retirement seem like a walk on the beach can sometimes do more harm than good. Today's retirees need strategies for reliable income, navigating volatile markets and unexpected personal events. This course will review strategies for protecting your retirement against disruptions, inflation, or longevity risks. It will prepare you for the primary phases of retirement: Active, Stable

and Declining. We will review the optimal methods for aligning your investments, tax and estate planning strategies with your resources during your retirement. We'll also examine key issues such as Social Security, Medicare, RMDs, QCDs, and CCRCs. If you want to know more about them, this class is for you.

**Instructor:** *James M. Richardson*; Private Wealth Advisor, Certified Financial Planner, Chartered Financial Consultant, and Accredited Portfolio Management Advisor; Managing Principal, Richardson Private Wealth Advisors; Recipient of Forbes "Best in State Wealth Advisor" recognition, and veteran OLLI instructor.

**Course #:** MCE-LLI-1Z-165 **Instance #:** 000001 **Three Sessions:** 9-10:30 a.m. **Dates:** Sept. 14, 21, 28 **Limit:** 100 **Location:** Zoom **Fee:** \$40 **Registration Deadline:** Sept. 10

### **Language Marches On: Don't Fear the Change**

*Instructor:* Steve Swaim

All living languages change over time; this is a universal truth. In this course we will explore the processes impelling change. What are the principal factors driving language change? Why do languages change and what aspects tend to change the most? While we'll use English as a common point of reference, this is not about the history of English, but rather a broader exploration of the evolution of humanity's most salient behavior: complex language.

**Instructor:** *Steve Swaim*; B.A., Linguistics, UNC-Chapel Hill; taught Spanish and Linguistics at Ravenscroft School for 33 years; his greatest regret is that he cannot learn every language ever spoken; veteran OLLI instructor.

**Course #:** MCE-LLI-2-083 **Instance #:** 000001 **Two Sessions:** 9-10:30 a.m. **Dates:** Oct. 12, 19 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$30 **Registration Deadline:** Oct. 10

### **Musical Genres: Rock, Broadway, Pop to Country**

*Instructor:* Stan Darer

This course will use video clips and recordings to tell the musical stories of such superstars as Billy Joel, the Beatles and Barbra Streisand, exploring their lives as well as their greatest hits. Country music fans will enjoy a look at some of the genre's most prominent ladies. And Broadway lovers will experience tales and music from famous shows like *West Side Story*, *Grease* and *The King and I*, to modern favorites, *Wicked* and *Hamilton*. Join us as we learn more about the brightest stars in entertainment and why they stand out in the world of music.

**Instructor:** *Stan Darer*; B.A., Economics, Lehman College, CUNY, Bronx; thirty-eight year career in finance in the electrical supply industry with Graybar Electric Company; volunteer at several organizations in Raleigh, including Temple Beth Or, Bedford Over 55 Club and presents programs at Senior Communities; active member and volunteer on OLLI's Program Committee; 2017 recipient of OLLI's Betty Poulton Volunteerism Award.

**Course #:** MCE-LLI-1-156 **Instance #:** 000001 **Six Sessions:** 11a.m.-12:30p.m. **Dates:** Sept. 14, 21, 28, Oct. 5, 12, 19 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 12

### **Druids, Saints, Riverdance: Introduction to Celtic Culture**

*Instructor:* Garry Crites

We've seen a boom of interest in all things Celtic. Bookstores have shelves lined with Celtic treasures, Enya found her way onto mainstream radio, and the Claddagh adorns many a non-Irish hand. Each year, thousands flock to the castles of Scotland and the pubs of Ireland for a holiday. Others make their way to Stonehenge and Iona, seeking to rediscover their roots in the spirituality of the Druids or the religion of Celtic Christians. In this course, we will study the legends, literature, traditions, and arts of the early Celts. We will explore Celtic

religions, from the druidism of the pre-Christian era, through the Christianity of medieval Ireland and Britain, to modern movements that have tried to recapture the spirit of the ancient Celts.

**Instructor:** *Garry Crites*; Ph.D., Early and Medieval Church History from Duke University, where his research was on early medieval (and especially Irish) asceticism; after graduation, he worked for over a decade at Duke, including eight years as the Director of OLLI at Duke, where he taught classes in Celtic Culture and Religion. He is currently the Director of the ArtSchool at the Carrboro ArtsCenter.

**Course #:** MCE-LLI-1-157 **Instance #:** 000001 **Six Sessions:** 3-4:30p.m. **Dates:** Sept. 14, 21, 28, Oct. 5, 12, 19 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Sept. 12

## FIRST TERM LECTURES

### MONDAY

#### **Building a Native Garden from Scratch with Brie Arthur**

*Instructor:* Brie Arthur

Join local author and horticulturist Brie Arthur for a fun presentation showcasing the process of building a native garden from scratch. In December 2022, ground was broken on the garden of her Carolina Garden House, a rental property in Fuquay-Varina, N.C. that features an array of native plants. Brie will explain the process, the plants, and the long-term goals for this low maintenance, high impact space featuring the best native varieties.

**Instructor:** *Brie Arthur*; bestselling author and gardening personality, Arthur is widely known for her leadership with the national Foodscape movement and her lively, information packed presentations; with more than two decades of professional horticulture experience she is a long-time contributor on the Emmy award winning PBS Television show “Growing a Greener World”; follow Brie’s gardening journey through her website, BrieGrows.com or her social media and YouTube channel, Brie the Plant Lady.

**Course #:** MCE-LLI-3-189 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Sept. 11 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Sept. 9

#### **Medicare Explained--Senior Health Insurance Information Program**

*Instructor:* Rhonda Narron

This presentation will cover the Seniors' Health Insurance Information Program (SHIIP), a service provided by the N.C. Department of Insurance. We will discuss our role in helping Medicare beneficiaries, and how to contact us. We will also cover the basics of Medicare, how and when to enroll, and information about Parts A, B, C, and D as well as Medicare Supplement plans.

**Note:** No charge for this lecture, which is a benefit of your annual OLLI membership, but space is limited, and you must register.

**Instructor:** *Rhonda Narron*; joined the N.C. Department of Insurance as a member of the Seniors' Health Insurance Information Program (SHIIP) staff in March 2012, and currently serves as the SHIIP Southeastern Regional Manager; she recruits and trains SHIIP Volunteer Counselors and county Coordinators; she provides outreach through speaking engagements, exhibits at conferences and health fairs, and radio and television appearances in approximately twenty counties; Rhonda attended Wilson Community College and, prior to joining the SHIIP staff, she worked for many years at a local non-profit human service agency that provides services to families in crisis in Johnston, Harnett, and Lee counties; Rhonda and her family reside in Middlesex.

**Course #:** MCE-LLI-3-032 **Instance #:** 000003 **One Session:** 3-4:30p.m. **Date:** Sept. 18 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$0 **Registration Deadline:** Sept. 16

### **Via Zoom (Evening) -- Margarete Steiff--The Woman Behind the Teddy Bear**

*Instructor:* Anette Isaacs

It is common knowledge that President Theodore Roosevelt, who was born 165 years ago, was the namesake of the iconic Teddy Bear. Hardly anyone knows that this delightful toy was invented by an amazing woman who overcame terrible sickness and incredible challenges and turned her tiny workshop into one of the most recognizable international brands-- and all that in the male dominated world of the 19th century! Join German historian Anette Isaacs as she relates the story of the truly awe-inspiring life of toy maker and business maven Margarete Steiff. ***This program is offered in partnership with OLLI at FIU.***

**Instructor:** *Anette Isaacs*; German born and raised; historian and public educator who has presented hundreds of programs on more than 40 different topics (all pertaining to her native country's history, politics, and culture) all over the United States; she holds Master's Degrees in American Studies, Political Science, and History and is currently serving as the Director of OLLI at FIU (Florida International University) in Miami, FL.

**Course #:** MCE-LLI-3Z-201 **Instance #:** 000001 **One Session:** 6-7:30p.m. **Date:** Sept. 18 **Limit:** 100  
**Location:** Zoom **Fee:** \$15 **Registration Deadline:** Sept. 14

### **New Deal to A Raw Deal: Japanese Americans During WWII**

*Instructor:* Gary Moore

When Japan bombed Pearl Harbor a decade after the New Deal, there was fear that Japanese Americans on the West Coast would sabotage utilities and were spies. Over 100,000 Japanese Americans (most were American citizens) from all walks of life were sent to internment camps. Japanese Americans were vilified. The Japanese Americans were given only a few days to prepare for internment and could take only what could be carried. They had to abandon businesses, homes and farms or find caretakers. During internment prized possessions, land, crops, and equipment were stolen. To put it bluntly, Japanese Americans got a raw deal. In this presentation we explore this sad history and learn about life and agriculture before, during and after internment camps.

**Recommended Reading (Optional):** *When Can We Go Back to America?*, Susan H. Kamei

**Instructor:** *Gary Moore*; Professor Emeritus, Agricultural and Extension Education, NC State; member of the NC State University Academy of Outstanding Teachers; has made presentations in 41 states, four Canadian provinces and on four continents; veteran OLLI instructor.

**Course #:** MCE-LLI-3-181 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Sept. 25 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Sept. 23

### **Factors Shaping the 2024 Elections: What Really Matters?**

*Instructor:* David McLennan

The 2024 elections for the president, Congress, and North Carolina positions will have profound consequences for the direction of the country and state. Although campaigning has already begun for many of these races and pundits have identified the importance of things, such as the indictment of former president Donald Trump on his reelection chances, this session will help you sort out those factors that actually affect voting in 2024 from those that will not.

**Instructor:** *David McLennan*; B.A., M.A., University of Virginia; Ph.D., University of Texas at Austin; Professor of Political Science, Meredith College.

**Course #:** MCE-LLI-3-194 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Oct. 2 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$15 / **Non-Member Rate:** \$20 **Registration Deadline:** Sept. 30

### **The Golden Age of Piracy**

*Instructor:* Charles Knight

Mention the word “pirate” today in North Carolina and almost immediately, Blackbeard comes to mind. Hollywood and literature have generated an aura of mystique and romance around the pirates of the early 18<sup>th</sup> century – the so-called “Golden Age of Piracy.” In reality, they were little more than thieves of the open sea. Surprisingly, little is actually known about these maritime scourges. Were they really as fearsome as audiences have come to believe? Was there really buried treasure? This lecture offers an introductory glimpse into the early 1700s, when men (and women) like Blackbeard, Ned Lowe, Charles Vane, Jack Rackham, Benjamin Hornigold, and Stede Bonnet terrorized the high seas.

**Instructor:** *Charles Knight*; has worked in the museum field for more than 20 years, and is currently Curator of Military History at the North Carolina Museum of History; his main field of study is the American Civil War; has written numerous journal articles and his first book, *Valley Thunder: The Battle of New Market*, was published in 2010; his second book, *From Arlington to Appomattox: Robert E. Lee’s Civil War Day by Day*, was published in June 2021.

**Course #:** MCE-LLI-3-091 **Instance #:** 000002 **One Session:** 3-4:30p.m. **Date:** Oct. 16 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 14

## **TUESDAY**

### **Wealth Inequality and Transforming Philanthropy**

*Instructor:* Spencer Daugherty

Resource Generation is a non-profit that organizes wealthy young people with a commitment to the equitable distribution of land, wealth and power. This lecture will examine wealth inequality and class privilege in America, and also discuss the philosophy and goals of Resource Generation-- specifically wealth redistribution. Find out what motivated our 1,000+ members to redistribute over \$100 million dollars in 2022! Additionally, we will talk about how traditional philanthropy fails and alternative ways that people are working to build better economies and communities.

**Instructor:** *Spencer Daugherty*; Ph.D. student in Mathematics at NC State; they also sit on the National Member Council of Resource Generation and are a leader in their local chapter.

**Course #:** MCE-LLI-3-182 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Oct. 3 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$15 **Registration Deadline:** Oct. 1

## **WEDNESDAY**

### **The Bad Boys of Art**

*Instructor:* Geraldine Velasquez

Can you love the art and despise the artist? Should the artist's reputation affect our appreciation of their work if they are guilty of misogyny, blasphemy, pornography, or antisemitism? Looking at Gauguin, Picasso, Degas, Koons and Serrano, we will explore their lives to try to answer this question.

**Instructor:** *Geraldine Velasquez*; received her doctorate in Research of Creativity from Rutgers University; Professor Emeritus of Art and Design and former Chair of the Department of Fine Art and the Department of Communication, Graphics Design & Multimedia, Georgian Court University; received a Lifetime Achievement

Award from *Who's Who in America 2019*; she has been published nationally and in *The New York Times*; she has presented multiple lectures on art and artists at OLLI.

**Course #:** MCE-LLI-3-171 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Oct. 18 **Limit:** 55

**Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 16

### **Fall Semester Kick-Off Lecture and Open House: Preserving North Carolina's "Critical Infrastructure": Celebrating Biodiversity with UNC-TV's Tom Earnhardt**

*Instructor:* Tom Earnhardt

Most of us understand the term "critical infrastructure" to mean societal assets and services that are essential to quality of life, health, and education. If there is ever been a time for us to categorize natural resources as "critical infrastructure," now is the time! Few places on earth have the quantity, diversity and quality of natural resources found in North Carolina. Our natural assets—starting with diverse ecosystems on barrier island beaches to the extraordinary biodiversity on highest peaks in the Appalachian chain—have shaped our history, enriched lives and been essential to economic growth. While we celebrate new jobs and development across North Carolina, we often forget their impact on the natural world around us. In this time of rapid growth—and rising temperatures—North Carolina has no more important task than maintaining its unique biodiversity and wild places. With extraordinary photographs and a lifetime of observation, Tom Earnhardt will help us rethink and refocus our efforts to preserve the best of North Carolina.

**Open House:** Learn more about your member benefits and volunteer opportunities at the OLLI Open House. From 3:15-4:30pm, you will have the opportunity to visit information tables and socialize with OLLI members, staff, campus and community partners, and representatives from OLLI's committees and special interest groups. Refreshments will be served.

**Note:** This event is free and open to the public, but you must register.

**Instructor:** *Tom Earnhardt*; avid naturalist and advocate for the natural and cultural resources of North Carolina; researched, wrote and co-produced almost 100 episodes of UNC-TV's natural science television series *Exploring North Carolina*; authored a book of essays on the natural history of North Carolina entitled *Crossroads of the Natural World*; recipient of numerous awards for his work with cultural, historical and natural resources, including the Governor's Award "North Carolina Conservationist of the Year" in 1994; graduate of Davidson College and UNC School of Law; one of the first attorneys to work for the state in Environmental Law.

**Course #:** MCE-LLI-3-114 **Instance #:** 000002 **One Session:** 2-3:00p.m. **Open House:** 3:15p.m. – 4:30p.m.

**Date:** Sept. 6 **Limit:** 250 **Location:** McKimmon Center TBD **Fee:** \$0 **Registration Deadline:** Sept. 1

### **Via Zoom -- Orchestra Conductor Marin Alsop: A Woman of Valor**

*Instructor:* Sherrod Sturrock

Marin Alsop is one of the foremost conductors of our time. The first woman to serve as the head of a major orchestra in the United States, South America, Austria and Britain, she is, as the *New York Times* puts it, not only "a formidable musician and a powerful communicator but also a conductor with a vision." She believes--and has demonstrated--that music has the power to change lives. This lecture introduces participants to this remarkable woman and her role in classical music. ***This program is offered in partnership with OLLI at UNCW.***

**Instructor:** *Sherrod Sturrock*; B.A., VCU; M.Ed. Harvard University; a wide range of work experience includes directing a children's theatre in Boston, serving as the education director for The Kohl Children's Museum in Wilmette, Illinois, managing capital projects for local government in Calvert County, Maryland, and ending her

career as the director of the Calvert Marine Museum in Solomons, Maryland; retired in 2019, Ms. Sturrock now lives with her husband in Wilmington, North Carolina.

**Course #:** MCE-LLI-3Z-203 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Sept. 13 **Limit:** 100

**Location:** Zoom **Fee:** \$15 **Registration Deadline:** Sept. 7

### **The N.C. State Fair: A Cultural Tradition**

*Instructor:* Kent Yelverton

Nothing could be finer than an October day spent at the unforgettable N.C. State Fair! The purpose of this annual event is to showcase and promote our state's crops, livestock and technology, and provide agricultural education to an ever-increasing urban population. Over the years delicious food, exciting attractions and fun for the whole family events and exhibits have been added to make attending the N.C. State Fair a yearly tradition that you don't want to miss! This presentation will trace the history of the fair from its beginnings in 1853 to the modernized event that we enjoy today. Learn more about the North Carolina Department of Agriculture and Consumer Services and their master plan for the future of the state fairgrounds, as well as other events that celebrate our state.

**Instructor:** *Kent Yelverton*; B.S., Civil Engineering, NC State; registered North Carolina professional engineer; employed by the N.C. Department of Agriculture and Consumer Services for 31 years and has been the Manager of the N.C. State Fair since 2018; Kent's vision is to create a dynamic fairground campus with perpetual activity, welcoming citizens from all parts of the state and walks of life.

**Course #:** MCE-LLI-3-199 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Sept. 13 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Sept. 11

### **The Disappeared--Historical Memory and Post-Conflict Society in Argentina**

*Instructor:* Federico Pous

The last Argentinian dictatorship (1976-85) saw an overthrow of government and the rise to power of a ruthless right-wing military regime that launched a period of state terrorism known as the Dirty War. During this time, as many as 30,000 political dissidents were kidnapped and murdered, collectively known as *los desaparecidos*—the disappeared. This lecture offers an introduction to Argentina's recent history of war and the way different human rights groups have constructed a collective memory of those events, in an effort to reconstitute a civil society.

**Recommended Reading:** *The Official Story*, film directed by Luis Puenzo, 1985

**Instructor:** *Federico Pous*; received his Ph.D. in Spanish from the University of Michigan in 2014 and is currently Associate Professor at Elon University; his research specializes in memory and post-conflict societies in Latin America; he has published *Eventos Carcelarios* and the edited volume *Exposing Paraguay*.

**Course #:** MCE-LLI-3-197 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Oct. 4 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 2

## **THURSDAY**

### **The Great American Eclipse**

*Instructor:* Brand Fortner

After decades of a total eclipse drought in the U.S., we were blessed with two back to back: August 21, 2017, and the upcoming eclipse on April 8, 2024. Are you ready for it? Experiencing a total eclipse is a profound spiritual experience. In this lecture Dr. Fortner shows why eclipses happen, why they are so special, what we learn from eclipses, and where you need to go to have the experience of a lifetime!

**Instructor:** *Brand Fortner*; Ph.D. in high energy astrophysics from the University of Illinois at Urbana-Champaign; teaching professor in physics at NC State and adjunct professor of physics at UNC-Chapel Hill; founder of two software companies; previously held positions at NASA, NCSA, and Johns Hopkins University.  
**Course #:** MCE-LLI-3-172 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Sept. 21 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Sept. 19

### **Research Triangle Park: How an Idea Became a Reality and Shaped the World**

*Instructor:* Mack Paul

Following World War II, the United States emerged as a dominant economic power. A major part of its economic growth rested on the creation of a new economic sector. Instead of relying on natural resources, trade, transportation networks or heavy manufacturing, business focused on new technologies produced by so-called knowledge workers. The Research Triangle Park is one of the most unlikely and fascinating examples of this trend. The creation and evolution of RTP reveals the story of post-WWII America and how a tech based economy shaped a metropolitan area, the lives of workers and the beneficiaries of medical and other innovations. This lecture tells the story of how RTP arose from nothing more than a forest of scrub pines to an epicenter of innovation poised to shape the world for decades to come.

**Recommended Reading (Optional):** *The Research Triangle: From Tobacco Road to Global Prominence*, William Rohe; *The New Geography of Jobs*, Enrico Moretti; *The New Geography*, Joe Kotkin; (see online course description for additional readings)

**Instructor:** *Mack Paul*; B.A., Dartmouth College; M.S., University of Southern California; J.D., Columbia School of Law; partner and founding member, Morningstar Law Group; land use and real estate attorney; professional recognitions include Best Lawyers, Super Lawyers, Leaders in Law and Chambers U.S.A; written numerous articles on issues facing the Research Triangle Region; served as chair of the Greater Triangle Regional Council and Triangle Tomorrow; held various volunteer positions in the Urban Land Institute; served as Chief of Staff to Lieutenant Governor Dennis Wicker; board member of Common Cause North Carolina and board chair of Majority Rising NC.

**Course #:** MCE-LLI-3-188 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Sept. 28 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Sept. 26

### **Historic Preservation in Wake County**

*Instructor:* Jeremy Bradham

Historic preservation, as practiced by Wake County's leading historic preservation nonprofit, Capital Area Preservation (CAP), focuses on relationships between local governments and developers to ensure practical preservation solutions for the benefit of all. These efforts have led to successful preservation projects that ensure Wake County's historical treasures are protected in perpetuity with preservation easements held by CAP. This lecture will focus on examples of these successful projects that have served as a model of incorporating Wake County's past with its future.

**Instructor:** *Jeremy Bradham*; B.A., History, NC State; M.S., Historic Preservation, Clemson University; after restoring 18<sup>th</sup> and 19<sup>th</sup> century houses in Charleston, he moved back to the Raleigh area and began working for Capital Area Preservation in early 2013; a native of Apex, N.C.

**Course #:** MCE-LLI-3-177 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Oct. 5 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 3



## The Anatomy of a Local Newscast with WRAL's Gerald Owens

*Instructor:* Gerald Owens

Gerald Owens got his start in TV news in 1993, and has been a part of the WRAL News team for over 20 years. He will join OLLI to discuss how local news has changed during his career and explain the process for a typical newscast. He will answer any questions about his experiences in as an anchor at the Triangle's most watched news station.

**Instructor:** *Gerald Owens*; Guilford College Greensboro; Univ. Maryland College Park; 30 years in local news: Reporter/anchor - WTKR (Norfolk), Anchor-WUSA (Wash DC), Anchor - WRAL (Raleigh); recipient of multiple awards.

**Course #:** MCE-LLI-3-174 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Oct. 12 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$15 / **Non-Member Rate:** \$20 **Registration Deadline:** Oct. 10

## Via Zoom -- The Rose Bowl Relocates

*Instructor:* Robert Warwick

Following the attack on Pearl Harbor, public events on the West Coast were prohibited, including the 1942 Rose Bowl game. Rather than cancelling the game, it was relocated to Durham, North Carolina. After a brief history of the Tournament of Roses and Rose Bowl, we will discuss why and how the game was moved and the after-effects. We'll contrast the 1942 relocation with the COVID-19 induced relocation of the 2021 game.

**Instructor:** *Bob Warwick*; Biological and Environmental Engineering, Rensselaer Polytechnic Institute; MBA, JD, Cornell University; three years on active duty as an officer in the U.S. Navy; practiced law for 40+ years, both as in-house counsel and in private practice; led a number of courses for OLLI at the University of Richmond and via Zoom at other institutions.

**Course #:** MCE-LLI-3Z-185 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Oct. 19 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Oct. 15

## FRIDAY

### Mallarmé--40 Years of Chamber Music

*Instructor:* Suzanne Rousso

Learn about Mallarmé Music's (formerly Mallarmé Chamber Players) history in the Triangle, its beginnings, and the organization it has become over 40 years. Artistic Director Suzanne Rousso will speak about how Mallarmé's artistic priorities have adapted to the ever-changing landscape of the arts in the Triangle. There will be a discussion about how Mallarmé has been at the forefront of the recent proliferation of early music and historically informed performances (HIP) in the state. Video excerpts of recent concerts will be shown.

**Instructor:** *Suzanne Rousso*; violist; accepted an appointment as artistic director of the Mallarmé Chamber Players in 2008; responsible for all aspects of Mallarmé's eclectic programming; the ensemble is known as one of the region's most diverse collective of musicians; her previous administrative and educational engagements included service as Director of Operations and Education of the Portland (Maine) Symphony and Director of Education for the North Carolina Symphony; she was on the faculty of the Eastern Music Festival and served as that organization's personnel manager; Ms. Rousso was educated at the Curtis Institute of Music, the Eastman School of Music, and at New England Conservatory, earning Bachelor and Master of Music degrees in viola performance; in 2009, she received a Regional Artist grant from the United Arts Council of Raleigh and Wake County and later a Durham Arts Council's Emerging Artist grant that enabled her to acquire a baroque viola and enter into the field of historically-informed performance; her service to the arts extends beyond

performance and administration; she has served on the boards of the American Federation of Musicians Local #500 and Arts North Carolina, an advocacy organization for arts and arts education in N.C.

**Course #:** MCE-LLI-3-196 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Oct. 20 **Limit:** 24

**Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 18

## **Via Zoom -- Stem Cell Therapy--Promoting Healing Naturally**

*Instructor:* Sean Berman

We have been engaged in laboratory and clinical research with stem cells derived from fat tissue for nearly 14 years. Both research and the field have evolved rapidly, with many challenges along the way. Our own bodies are composed of trillions of cells, a few of which are known as mesenchymal stem cells (MSCs). These cells can self-renew, differentiate into other functional cells/tissues, and send important signals to other cells. When applied to injuries, they can promote healing in a natural way with “like” cells and tissues as opposed to scar tissue. The applications are numerous and can revolutionize the future of medicine and healing. By collecting patient data on the Cell Surgical Network’s 15,000 cases to date, we have the means to see what works and determine the best time to apply cellular therapies. The goal is to advance the field of “regenerative medicine,” in a safe, responsible, and effective way. ***This program is offered in partnership with OLLI at UNCW.***

**Recommended Reading (Optional):** Peer reviewed publications are available to review at [www.CellSurgicalNetwork.com](http://www.CellSurgicalNetwork.com)

**Instructor:** *Sean Berman*; B.S., English, Amherst College; Pre-Med, Louisiana Tech University, M.S., Cell Biology; Director of Research and Operations Cell Surgical Network.

**Course #:** MCE-LLI-3Z-175 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Oct. 13 **Limit:** 100

**Location:** Zoom **Fee:** \$15 **Registration Deadline:** Oct. 8

## **SECOND TERM MULTI-WEEK COURSES**

### **MONDAY**

#### **Battles of the American Revolution 1782-1783**

*Instructor:* Dave Milidonis

(see page 1 for course description, notes and bio)

**Instructor:** *Dave Milidonis*

**Course #:** MCE-LLI-1-149 **Instance #:** 000002 **Six Sessions:** 9-10:30a.m. **Dates:** Oct. 23, 30, Nov. 6, 13, 27, Dec. 4 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Oct. 21

#### **Separated at Birth: Russia and Ukraine in the Tsarist, Soviet, and Post-Soviet Empires**

*Instructor:* Gregory Vitarbo

This course will examine the long and complex political, social, and cultural relationship of the modern nation-states of Ukraine and Russia through the medieval, Tsarist, Soviet, and post-Soviet periods. Particular emphasis will be placed upon issues of national identity, political institutions and relations, and social and cultural trends. The format will be a combination of lecture, discussion, and various visual aids and sources.

**Instructor:** *Gregory Vitarbo*; Ph.D., History, Modern Russia and Soviet Union, University of Michigan; B.A., History, Drew University; currently serves as the department head of history, political science and international studies at Meredith College; author of *Army of the Sky: Russian Military Aviation Before the Great War, 1904-1914*.

**Course #:** MCE-LLI-2-060 **Instance #:** 000002 **Three Sessions:** 11a.m.-12:30p.m. **Dates:** Oct. 23, 30, Nov. 6  
**Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$40 **Registration Deadline:** Oct. 21

### **Psychedelics--What is Old is New Again**

*Instructor:* David Heilner

Human interactions with psychedelic substances goes back for thousands of years. This course will examine the history of psychedelics and explore their effects on humans from both from a physiological and psychological viewpoint. The primary focus will be on the classic psychedelics LSD (acid), and Psilocybin (mushrooms). We will end with a discussion of the new therapeutic uses of psychedelic substances for depression, PTSD, OCD, addiction, anxiety, and other conditions.

**Recommended Reading (Optional):** *How to Change your Mind*, Michael Pollin

**Instructor:** *David Heilner*; B.A., Psychology, M.D. from College of Medicine, University of Vermont; Psychiatric Residency, Maine Medical Center, Portland; private practice in adult psychiatry, sub-specialization in PTSD and DID, now retired; board certified in Psychiatry and Neurology, member APA, MPA; OLLI member.

**Course #:** MCE-LLI-1-160 **Instance #:** 000001 **Four Sessions:** 11a.m.-12:30p.m. **Dates:** Oct. 23, 30, Nov. 6, 13 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$40 **Registration Deadline:** Oct. 21

### **Historical Black Neighborhoods of Raleigh**

*Instructor:* Carmen Cauthen

This course provides a history of Raleigh's Black neighborhoods that were created between 1858 and the turn of the 20th century. We will explore why they were placed where they were and how that affected today's urban planning. Black people have been predominantly situated in Southeast Raleigh-- we will consider what fundamental issues have been caused and their affects on life for many Black people in Raleigh today. Additional focus will be given to gentrification, economic differences in community treatment and affordable housing.

**Recommended Reading (Optional):** *Historical Black Neighborhoods of Raleigh*, Carmen Wimberley Cauthen

**Instructor:** *Carmen Wimberley Cauthen*; B.A., Political Science; retired administrative clerk, NC State; NC House of Representatives (wrote the Journal for over 22 years); speaker, author and historian of primarily Black history and Black Raleigh; affordable housing advocate, community engagement specialist; Amazon best selling author; Order of the Long Leaf Pine; awarded Flood Group Image Award.

**Course #:** MCE-LLI-2-089 **Instance #:** 000001 **Two Sessions:** 11a.m.-12:30p.m. **Dates:** Nov. 27, Dec. 4  
**Limit:** 49 **Location:** McKimmon Center 11/12 **Fee:** \$30 **Registration Deadline:** Nov. 25

### **Museums Today: Tradition, Innovation, and Adaptation**

*Instructor:* Maggie Gregory

Go behind the scenes with North Carolina Museum of Art Chief Registrar Maggie Gregory to learn more about the daily operations of the modern museum. Balancing the mission of preservation and interpretation, museums face interesting challenges as they seek to enlarge their core audiences and to create dynamic, diverse presentations in the face of our fast-paced, digitally stoked world. Through the practical lens of the registrar this course will explore the day-to-day workings of the museum and will include discussion of how objects are cared for, how collections grow, and the process by which exhibitions are developed. The class will examine the roles played by multiple museum departments emphasizing the collaborative effort that lies behind creating the visitor's experience.

**Instructor:** *Maggie Gregory*; Chief Registrar at the North Carolina Museum of Art since 2008; A.B., Wellesley College; M.A., University of Michigan; she discovered a love of museums as a child during family visits to the

Art Institute of Chicago; prior to the NCMA she was Head Registrar at the Weatherspoon Art Museum; she has taught adjunct art history classes at Wake Forest University and UNCG.

**Course #:** MCE-LLI-2-087 **Instance #:** 000001 **Three Sessions:** 1-2:30p.m. **Dates:** Oct. 23, 30, Nov. 6 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$40 **Registration Deadline:** Oct. 21

### **Challenges to Your Retirement Income--Making It Last**

*Instructor:* Janet Fox

There are many new challenges that are affecting our retirement goals today. You need to make the most of your IRA and understand the current IRA rules. People can make mistakes and not even realize it. The volatile market conditions have affected not only stocks but the bond markets as well. Planning for health care costs is critical. Many people underestimate how much money they will spend on healthcare during retirement. Learn more about these and other important topics that can help you navigate and make the most of your retirement.

**Instructor:** *Janet Fox*; financial consultant and president of ACH Investment Group, Inc.; specialties include financial, retirement, investments, and insurance planning; member of the Financial Planning Association and the Certified Long Term Care program as a long term care specialist; veteran OLLI instructor.

**Course #:** MCE-LLI-2-079 **Instance #:** 000001 **Three Sessions:** 1-2:30p.m. **Dates:** Oct. 23, 30, Nov. 6 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$40 **Registration Deadline:** Oct. 21

### **U.S. Financial Crises: Causes and Consequences**

*Instructor:* Douglas Pearce

The U.S. economy has been hit by several financial crises. This class will discuss the different causes of several of these crises, and the effectiveness of the regulatory responses initiated by them. We will also explore the costs of the crises. Examples to be discussed are the 1907 financial panic, the financial causes of the Great Depression, the savings and loan bankruptcies of the 1980s, the 2008-09 financial crisis, and the financial issues resulting from the COVID-19 pandemic.

**Instructor:** *Douglas K. Pearce*; B.A., Economics, University of Victoria; M.A. and Ph.D., Economics from the University of Wisconsin-Madison; has taught at the University of Houston, University of Missouri, and NC State from 1985-2022; he served as department head from 2004-2011; he has held visiting positions at the University of Paris XII, the University of British Columbia, the Federal Reserve Bank of Kansas City, and the University of Canterbury (New Zealand).

**Course #:** MCE-LLI-2-085 **Instance #:** 000001 **Two Sessions:** 1-2:30p.m. **Dates:** Nov. 27, Dec. 4 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$30 **Registration Deadline:** Nov. 25

### **Find Your Inner OLLI Instructor**

*Instructor:* John Luecke

Are you passionate about a subject you'd like to share with OLLI members, but don't have much teaching experience? Have you taught university courses to 18-to-22 year olds, but want to adapt your materials to meet the needs of an older adult audience? If so, this two-session course is for you. We'll cover the techniques you need to become a successful OLLI instructor. You'll receive tips on how to structure your content, manage your classroom and discussion, and use classroom technology.

**Note:** No charge for this lecture, but space is limited, and you must register.

**Instructor:** *John Luecke*; bachelor's and master's in Communication, University of Wisconsin-Milwaukee; worked in the corporate public relations before transitioning to teaching; earned an intercultural studies certificates from the Intercultural Communication Institute and University of British Columbia; taught communication at High Point University and the University of Wisconsin-Whitewater.

**Course #:** MCE-LLI-2-088 **Instance #:** 000001 **Two Sessions:** 1-2:30p.m. **Dates:** Nov. 27, Dec. 4 **Limit:** 23  
**Location:** McKimmon Center 13 **Fee:** \$0 **Registration Deadline:** Nov. 25

## TUESDAY

### **Cultivating Everyday Mindfulness**

*Instructor:* Susan Lewellen

Mindfulness is the moment-by-moment awareness of our thoughts, feelings and surroundings with our hearts full of kindness, acceptance and non-judgement. This practice can give us an alert, calm, and gentle way of being with ourselves and others throughout each day. Instead of dwelling on the past or worrying about the future, we can learn to be present in the moment and reduce the stress we experience. We build this capability through practice of meditation and yoga. In each class we will study the work of Thich Nhat Hanh, Jon Kabat-Zinn and others. We will practice meditation, standing and sitting yoga, and loving-kindness to develop and enhance our mindful state. Participants will be expected to practice meditation and yoga in between class sessions and discuss their experiences during class.

**Note:** This course requires active participation; please enroll only if you are able to participate fully: no special equipment is needed.

**Instructor:** *Susan Lewellen*; B.S., Nursing, UNC-Charlotte; MBA, University of South Carolina; enjoyed a career in hospital nursing, administration, and consulting; studies and practices Mindfulness Based Stress Reduction and believes that this work has improved the quality of her life.

**Course #:** MCE-LLI-1-027 **Instance #:** 000003 **Six Sessions:** 9-10:30a.m. **Dates:** Oct. 24, 31, Nov. 7, 14, 28, Dec. 5 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Oct. 22

### **Exotic Phenomena in Astrophysics**

*Instructor:* Donald Ellison

The universe is filled with extreme, violent objects. These objects, for millennia hidden from our view, have been revealed by modern telescopes and spacecraft. This course will describe a few of these phenomena with no formal scientific background assumed. The topics will include exotic stars, including neutron stars, but will show that "normal" stars like our sun also have a hidden, violent nature. Some stars end their lives in massive "supernova" explosions and some of these explosions result in black holes. The nature of black holes will be discussed, and it is shown that some galaxies show extremely violent outbursts originating from supermassive black holes in their centers. The most exotic phenomenon in the universe is the universe itself. Aspects of the Big Bang and our expanding universe will be described.

**Instructor:** *Don Ellison*; Ph.D., The Catholic University of America; Professor Emeritus, Physics, NC State; has taught and done research on the theory of cosmic rays, particle acceleration in high-energy astrophysics, and the modeling of supernova remnants.

**Course #:** MCE-LLI-1-167 **Instance #:** 000001 **Four Sessions:** 11a.m.-12:30p.m. **Dates:** Oct. 24, 31, Nov. 7, 14 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$40 **Registration Deadline:** Oct. 22

### **Lost In the Shuffle Rides Again**

*Instructor:* Lewis Beale

This latest installment featuring films that did not get the proper respect or attention the first time around will include: a wacko horror/comedy; the story of a slick female lawbreaker; a film about the blaxploitation era; an Italian coming-of-age tale; an offbeat German romance; and a 'making of' movie about a silent film classic. A discussion will follow each screening.

**Note:** Some of these films contain violence, although some of it is comic. If violence of any sort bothers you, this course is not for you.

**Instructor:** *Lewis Beale*; film industry reporter for newspapers in New York and Los Angeles; taught journalism at UNC-Wilmington; has written for *The New York Times*, *Newsday*, the *L.A. Times*, *The Daily Beast* and other magazines and websites; veteran OLLI instructor.

**Course #:** MCE-LLI-1-169 **Instance #:** 000001 **Six Sessions:** 1-4:00p.m. **Dates:** Oct. 24, 31, Nov. 7, 14, 28, Dec. 5 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$75 **Registration Deadline:** Oct. 22

### **Genealogy: Intermediate Research Skills**

*Instructor:* Barbara McGeachy

For genealogy enthusiasts who know the basics, take your research to the next level. This class will help you find your ancestors in U.S. land, military, church, and court records. Improve your skills for organizing both paper and online research, reading old handwriting, and breaking through brick walls.

**Prerequisite:** knowledge of U.S. census, probate, and vital records.

**Recommended Reading (Optional):** *The Researcher's Guide to American Genealogy*, Val Greenwood

**Instructor:** *Barbara McGeachy*; M.S., Computer Science, UNC-CH; retired software engineer; 25+ years researching and writing family history; NCGS 2014 Award for Excellence in Publishing -- Family History; board member of the Wake County Genealogical Society; leader of two OLLI special interest groups on family history.

**Course #:** MCE-LLI-1-170 **Instance #:** 000001 **Six Sessions:** 1-2:30p.m. **Dates:** Oct. 24, 31, Nov. 7, 14, 28, Dec. 5 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Oct. 22

### **From Persia to Iran**

*Instructor:* Maryam Mohaghegh

This course will introduce you to Iran in a participatory format that includes conversation and activities. Topics to be explored include Iran's history, from ancient days to current revolutions, and its landscape and geography. We will study the ethnicities of the people through their culture, traditions, language, and foodways, art and music. Please be prepared to stay curious, ask questions and engage in conversations without prejudgments. Sharing personal knowledge and experiences is welcome. Note: this course is focused on the cultural aspects of Iran; politics and policy will not be primary topics of discussion.

**Recommended Reading (Optional):** *Lonely Planet Travel Guide, Iran*

**Instructor:** *Maryam Mohaghegh*; was born and educated in Iran until she moved to the USA in 2009; she has been teaching Persian language and Iranian culture at NC State since 2011; was an official examiner for University of Cambridge Local Examination Syndicate (UCLES) in Tehran for more than 10 years; she has formal training as a scientist (a virologist) and has done research on Polio, Influenza and Herpes; her passion is bridging the gaps and bringing people together through experiences and experiential learning; building relations and cocreating is her thing, she believes in collecting our efforts to make a better future for all and spends a good amount of her time volunteering.

**Course #:** MCE-LLI-1-171 **Instance #:** 000001 **Six Sessions:** 3-4:30p.m. **Dates:** Oct. 24, 31, Nov. 7, 14, 28, Dec. 5 **Limit:** 55 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Oct. 22

## WEDNESDAY

### **Lafayette: Hero of Two Nations**

*Instructor:* Jonathan Underwood

Gilbert du Motier, the Marquis de La Fayette was an aristocrat, adventurer, soldier, political reformer, and national hero of both France and the United States. His remarkable life will be explored in four parts; his formative years and upbringing, his participation in the American Revolution, his participation in the French Revolution, and his Grand Tour of the United States between 1824 and 1825, including North Carolina.

**Instructor:** *Jonathan Underwood*; degrees in history and classical studies, UNC-Greensboro; M.A., History, NC State; Director, Stanly County Historic Preservation Commission for eight years; briefly taught N.C. history at Pfeiffer University, then served as Assistant Grand Secretary of the Grand Lodge of Ancient, Free and Accepted Masons of N.C. until 2021, when he was promoted to the office of Grand Secretary.

**Course #:** MCE-LLI--1-172 **Instance #:** 000001 **Four Sessions:** 9-10:30a.m. **Dates:** Oct. 25, Nov. 1, 8, 15  
**Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$40 **Registration Deadline:** Oct. 23

### **Climate Change and Global Warming: Facts and Fiction**

*Instructors:* Dave DeMaster, Ken Kunkel, Lonnie Leithold, Walter Robinson

We are failing to control the rapid changes in Earth's environment. This class will examine our understanding of climate change science and discuss the scientific data that reveals the reality of and response to our current climatic and environmental situation. We will consider the historical climate changes on planet Earth as well as the environmental changes in high latitudes and in the world's oceans. Our last class will discuss how we can work to communicate the underlying science of climate change to others and individualize specific steps to diminish production and release of greenhouse gases. We aim to improve our understanding of climate change, enable and challenge ourselves to encourage leaders in government and businesses to address issues, and reduce our individual impacts on Earth's environment.

**October 25: The Basics of Climate Change and Global Warming: What Does Science Tell Us?** This class will review the main causes of global warming and climate change. Release of greenhouse gases, primarily carbon dioxide, is the chief cause of our recent changes in climate over the past 40 years. Discussions concerning the global carbon cycle will emphasize the sources of anthropogenic greenhouse gases to the atmosphere as well as the natural environmental processes that are removing some greenhouse gases from the atmosphere (e.g., air-sea interaction, and biosphere greening). **Presenter:** *Dave DeMaster*; B.S., Chemistry, Univ. of Wisconsin; M.S., Ph.D., Marine Geochemistry, Yale; Professor Emeritus, Department of MEAS, NC State.

**November 1: Climate Change and Extreme Events.** Why is climate change expected to produce more extreme storms, floods, heatwaves, and droughts? Evidence will be shown that this is already happening, we will point to some of the impacts, and discuss how we can be better prepared for current and future extreme events. **Presenter:** *Walt Robinson*; B.S., Physics, M.S. Physics, University of Pennsylvania; Ph.D., Geological Sciences, Columbia University; Professor of Atmospheric Sciences, NC State.

**November 8: The Future Climate of North Carolina -- Uncharted Waters.** The ongoing increases in atmospheric greenhouse gasses, if allowed to continue along the present trajectory, will change the climate of North Carolina in profound ways. Our scientific knowledge of the climate system provides a firm basis for reliably projecting certain climate changes. The foundations of this knowledge include observed recent climate changes, our understanding of the basic physics of the atmosphere, and experiments using complex and sophisticated computer models of the climate system. This knowledge underlies the content of the recently released North Carolina Climate Science Report, which responds to Governor Cooper's Executive Order 80.

The virtual inevitability of some of these changes should spur immediate actions to protect the State's citizens. **Presenter:** *Kenneth Kunkel*; B.S., Physics, Southern Illinois University; M.S., Ph.D., University of Wisconsin-Madison; Professor, Department of MEAS, NC State.

**November 15: A Geologic Time Perspective on Current and Future Climate Change and Global Warming.** What do we know about how climate has varied over thousands to millions of years of Earth history and how do we know it? How do climate changes in the past compare to those we anticipate in the future? **Presenter:** *Lonnie Leithold*; B.S., Geology and Geophysics, University of Wisconsin-Madison; M.S., Ph.D., Geology, University of Washington, Professor, Department of MEAS, NC State.

**November 29: A Marine Perspective of Climate Change and Global Warming.** This class will explore the nature of climate change as it affects oceanic processes such as sea-ice formation, global ocean circulation, ocean acidification, coral reef die-offs, and sea level rise. Have there been natural changes in ocean circulation that have caused significant variations in Earth's climate? Yes, there have -- come and see what they are. **Presenter:** *Dave DeMaster*

**December 6: International Climate Agreements: What Can Individuals Do to Limit the Causes and Impacts of Climate Change and Global Warming?** This class will discuss the successes and failures of the two main international climate agreements: the Kyoto Protocol of 2005, the Paris Agreement of 2015, and the recent Inflation Reduction Act. Information also will be provided concerning an owner's perspective on home solar panels. Class members will be asked to name ways that they individually are trying to reduce the causes and impacts of global warming, which will be shared with the class and discussed from a scientific perspective. **Presenter:** *Dave DeMaster*

**Course #:** MCE-LLI-1-040 **Instance #:** 000003 **Six Sessions:** 11a.m.-12:30p.m. **Dates:** Oct. 25, Nov. 1, 8, 15, 29, Dec. 6 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Oct. 23

### **American Self Images: Labor, Gender, and Race in Fiction and Painting from the Civil War to the Gilded Age**

*Instructor:* Maria Roupail

In this course, we will examine and discuss the work of U.S. authors and visual artists, from the Civil War through the Gilded Age. The central themes of these works explore issues of labor, gender and race.

**Note:** This course is dependent upon member participation; please only register if you are committed to reading the assignments.

**Required Reading:** *The Portable American Realism Reader (PAR)*, Nagel and Quirk, eds. NY: Penguin, 1997. ISBN 9780140268300; *Life in the Iron Mills* (1861). Rebecca Harding Davis. Independently published (June 10, 2020). ISBN 979-8653017285

**Two required readings are available online for free:**

*Paul's Case and Other Stories*, Willa Cather. NY: Dover, 1996. ISBN 9780486290577

<https://cather.unl.edu/writings/shortfiction/ss006> "Po' Sandy", Charles Wadell Chesnutt

<https://chesnuttarchive.org/item/ccda.works00014>

**Instructor:** *Maria Roupail*; Ph.D., Senior Lecturer Emerita of English and Poetry Editor at "Main Street Rag," Dr. Roupail has decades of university teaching experience; she has published three collections of poetry ("Apertures," "Second Skin," and "All the Way to China") and is working on her fourth, "This Small House, This Big Sky."

**Course #:** MCE-LLI-1-158 **Instance #:** 000001 **Six Sessions:** 1-2:30p.m. **Dates:** Oct. 25, Nov. 1, 8, 15, 29, Dec. 6 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$55 **Registration Deadline:** Oct. 23



## Shakespeare in Performance

*Instructor:* Ian Finley

This course offers an exploration of Shakespeare's language and performance practices, through a deep dive into the text. Live performances will be given by special guest actors, including Samantha Corey of the American Shakespeare Center, and fight choreographers George Labusohr and Benjamin Tarlton.

**Instructor:** *Ian Finley*; MFA in Dramatic Writing, New York University; Head of Drama at Research Triangle High School; Director of Education at Burning Coal Theatre Company; 2012 Piedmont Laureate in Playwriting.

**Course #:** MCE-LLI-2-090 **Instance #:** 000001 **Three Sessions:** 3-4:30p.m. **Dates:** Oct. 25, Nov. 1, 8 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$40 **Registration Deadline:** Oct. 23

## The Science of Natural Disasters-Predictions and Preparations

*Instructor:* Marsha Anderson

Natural disasters seem to be happening more frequently and the intensity of storms is on the rise. What natural disasters affect the U.S. and particularly North Carolina? What are the causes and how can their effects impact you? Can we do anything to prevent or mitigate the impacts of these disasters? Join us in learning more about these deadly, unpredictable events that can shape our lives into the future.

**Instructor:** *Marsha Anderson*; B.S., Economics with a concentration in biological sciences, NC State; earned her teacher certification degree at Lenoir Rhyne University and taught for Western Piedmont Community College at Western Correctional Center in Morganton, NC; after taking time off to raise her three children, Marsha went back to teaching Earth and Environmental Science and Marine Ecology at Cary High School, retiring in 2021; taught numerous workshops with the North Carolina Science Teacher Association and is an Educator of Excellence with the North Carolina Museum of Natural Science; she has 10 grandchildren and loves to share her love of nature, fossils and everything marine with them; OLLI member.

**Course #:** MCE-LLI-1-179 **Instance #:** 000001 **Four Sessions:** 3-4:30p.m. **Dates:** Oct. 25, Nov. 1, 8, 15 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$40 **Registration Deadline:** Oct. 23

## THURSDAY

### Via Zoom -- Launching the Hubble Telescope --The Untold History

*Instructor:* Robert Webster

What did it take to prepare the Hubble Telescope for launch? This course provides a first-hand account of the untold history of how NASA did exactly that. The Kennedy Space Center team worked tirelessly to plan, test and launch the telescope. Students will go behind the scenes with the NASA Payload Manager for this historic mission. We will discuss the challenges the team faced and how they developed unique, amazing, and sometimes humorous solutions to these problems. You will follow the telescope from California to KSC's Vertical Processing Facility, and to the launch pad for countdown and liftoff. You will understand the creativity and expertise required to send payloads into space and appreciate what the KSC team did to get this amazing scientific instrument off the ground.

**Instructor:** *Robert (Bob) Webster*; B.S., Aerospace Engineering, NC State; graduate of the U.S. Naval Test Pilot School; he worked for NASA for 19 years during the Space Shuttle era; he was the HST NASA Payload Manager managing the team responsible to plan for, process, and test HST for its launch on STS-31; Bob was awarded the NASA Exceptional Service Medal and the Silver Snoopy for his contributions to the Human Spaceflight Program.

**Course #:** MCE-LLI-1Z-161 **Instance #:** 000001 **Six Sessions:** 9-10:30a.m. **Dates:** Oct. 26, Nov. 2, 9, 16, 30, Dec. 7 **Limit:** 50 **Location:** Zoom **Fee:** \$55 **Registration Deadline:** Oct. 22

## **Peaceful Passage: Navigating End-of-Life Planning with Confidence**

*Instructors:* Chris Wilms, Heather Hill

This presentation explores the crucial topic of end-of-life planning, designed to empower individuals and their loved ones to make informed decisions about their future. With the expertise of an estate planning attorney and a funeral director, you will discover how to approach the delicate subject of declining health and cognitive abilities, and learn effective strategies to ensure that your wishes for medical interventions are respected and carried out by trusted individuals. Gain valuable insights into creating legally binding documents, such as living wills and healthcare proxies, that accurately reflect your preferences and offer peace of mind. We will explore the profound importance of handling your remains in accordance with your personal beliefs and desires. A knowledgeable funeral director will guide you through the range of options available, including traditional funerals, cremation, green burials, and other contemporary alternatives. Gain a comprehensive understanding of the funeral planning process, from pre-need arrangements to memorial services, and learn how to create a meaningful farewell that honors your unique life.

**Instructor:** *Christopher C. Wilms, Jr.*; B.A., East Carolina University; J.D., Campbell University; has spent the entirety of his career since 2011 practicing estate planning, elder law, and probate with his law firm, Hopler, Wilms & Hanna, in Durham, NC; in addition to consulting with and representing clients about such matters in private practice, he is also an appointed public official that is assigned by county courts to handle the financial affairs of incapacitated adults, minors, and deceased individuals for which there are no other suitable family and for cases that are particularly contentious or complex.

**Instructor:** *Heather Hill*; Licensed Funeral Director, FTCC; Death Cafe Raleigh Moderator; licensed funeral director at Renaissance Funeral Home for 8 years; her passion for engaging her community in conversations around death is fueled from listening to hundreds of families she's served; past careers in the healthcare field and traveling the world as a flight attendant has led her to this passion; Heather is a widow and is raising three children along with the help of her close family and friends; having experienced such a profound loss in her life, she can connect with others at their level and offer support and a shoulder to lean on.

**Course #:** MCE-LLI-2-084 **Instance #:** 000001 **Two Sessions:** 11a.m.-12:30p.m. **Dates:** Oct. 26, Nov. 2

**Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$30 **Registration Deadline:** Oct. 24

## **Western Monasticism**

*Instructor:* Jay Butler

This course will start with an exploration of the roots of Christian monastic life in Egypt, continue with an examination of its development as a major force in Medieval Europe, and conclude with a tour of some of the monasteries in present day Europe and the United States. Along the way, we will learn about monastic spirituality and its attraction through the ages, the contributions of monasteries to the societies around them, and the present day opportunities to experience monastic life through retreats and visits.

**Recommended Reading (Optional):** *The Waters of Siloe*, Thomas Merton

**Instructor:** *Jay Butler*; J.D., Harvard law school; M.A. in History from NC State where he wrote a thesis on the nineteenth-century monastic revival in France; he has published articles on monastic history in *Cistercian Studies Quarterly* and in *The Catholic Historical Review*.

**Course #:** MCE-LLI-2-080 **Instance #:** 000001 **Two Sessions:** 1-2:30p.m. **Dates:** Oct. 26, Nov. 2 **Limit:** 55

**Location:** McKimmon Center 11/12 **Fee:** \$30 **Registration Deadline:** Oct. 24

## Via Zoom -- "The Role of the Artist is Not to Look Away" Akira Kurosawa, Adaptor and Adapted

*Instructor:* Zack Smith

In this look at the works of one of the most acclaimed directors of all time, we'll examine six of Akira Kurosawa's best-known films, along with how they either adapted, or were adapted into, Western cinema, and the unique cultural context that he brought to these stories. Examined will be *Rashomon* (1950), *Ikiru* (1952, recently remade as the Oscar-nominated *Living*), *Seven Samurai* (1954, the basis for *The Magnificent Seven*), *Throne of Blood* (1955), *The Hidden Fortress* (1958, credited by George Lucas as the basis for the storyline in *Star Wars*) and *Yojimbo* (1961, partial inspiration for Clint Eastwood's *A Fistful of Dollars*).

**Note:** Students are expected to watch the films outside of class; all are currently available on the Max streaming service (formerly HBO max).

**Instructor:** *Zack Smith*; graduate degrees in journalism and film studies; film critic for *Independent Weekly* and other publications; has written screenplay analyses for several Hollywood screenwriters; has read almost 1,000 screenplays, veteran OLLI instructor.

**Course #:** MCE-LLI-1Z-174 **Instance #:** 000001 **Six Sessions:** 1-2:30p.m. **Dates:** Oct. 26, Nov. 2, 9, 16, 30, Dec. 7 **Limit:** 15 **Location:** Zoom **Fee:** \$55 **Registration Deadline:** Oct. 22

## A History of Genetics

*Instructor:* William Kimler

This course offers a look at the people and social context that created the modern science of heredity, from the revolution in agricultural breeding to the promises of genetic engineering. We'll examine the movement for improving animal breeds and crops in the 1800s, and the theories of Gregor Mendel, Charles Darwin and Francis Galton about the laws of heredity. We will consider the invention of "genetics" in the early 20<sup>th</sup> century, the rise and fall of its application in eugenics, the origins of molecular biology in the discovery of DNA's structure and function, and the early days of genetic engineering.

**Instructor:** *William Kimler*; B.A., Rice University; M.S. and Ph.D. in Ecology and Evolutionary Biology, Cornell University; faculty member in NC State department of History since 1986; member of the Academy of Outstanding Teachers and Alumni Distinguished Undergraduate Professor; frequent public lecturer on the history of biology.

**Course #:** MCE-LLI-1-159 **Instance #:** 000001 **Six Sessions:** 3-4:30p.m. **Dates:** Oct. 26, Nov. 2, 9, 16, 30, Dec. 7 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$55 **Registration Deadline:** Oct. 24

## SECOND TERM LECTURES

### MONDAY

#### The History, Technology, and Science of Solar Energy

*Instructor:* Michael Paesler

In today's global energy conversation, some analysts tout solar energy as part of a green economical solution to society's energy needs. In this presentation, an experimental physicist with 50 years of laboratory experience--much of it in solar photo-voltaic research--considers the promise of solar energy. Beginning with a survey of mankind's history of harnessing the sun's power, the lecture puts solar energy in perspective as a player in the current framework of the creation and usage of energy from all sources. After outlining the various ways the sun's rays in particular can be harnessed, the talk focuses on the physics of solar photovoltaic energy

conversion. The economics of domestic solar energy creation finally provides realistic assessment of the solar options available to North Carolina homeowners.

**Instructor:** *Michael Paesler*; B.A., Physics and Mathematics, Beloit College; M.S. and Ph.D. in physics, University of Chicago; Professor and Head, Department of Physics, NC State; member of the Academy of Outstanding Teachers NC State; Fellow, American Physical Society; member Phi Beta Kappa and Sigma Xi honorary societies; visiting professor at: Hahn-Meitner Institut, Berlin, Germany; Université de Franche-Comté, Besançon, France; Technische Universität Dresden, Germany; and Max-Planck-Institut für Festkörperforschung, Stuttgart, Germany.

**Course #:** MCE-LLI-3-183 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Nov. 27 **Limit:** 23  
**Location:** McKimmon Center 13 **Fee:** \$15 **Registration Deadline:** Nov. 25

### **Basic Safety Awareness Skills for Older Adults**

*Instructor:* Julee Peck Jones

This lecture will cover basic safety awareness techniques and safety tips for older adults at every experience level. We will discuss safety skills at home, in the car, and in public. The instructor will demonstrate basic movements that can be done from a chair or standing. No special equipment or clothing is required.

**Instructor:** *Julee Peck Jones*; Taekwondo Expert and the Owner of Pecks TaeKwonDo America in Raleigh; she has over 40 years of experience teaching self-defense, the benefits of exercise, and leadership development; the objective of her work is to help improve physical health and build confidence for students of all ages through martial arts training; she was Taekwondo America's President & CEO from 2013 to 2017 and is a licensed Master Instructor; she received her B.A. in Psychology and Theater Arts from the University of St. Thomas, Texas.

**Course #:** MCE-LLI-3-179 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Nov.13 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$15 **Registration Deadline:** Nov. 11

### **Visual Illusions: Understanding Your Brain**

*Instructor:* Eric Harris

Visual illusions are clear, easily shared evidence of the fallibility of our brains, and proof that you cannot always be sure that what you know is true. The goal of this lecture is to promote critical thinking with an appropriate amount of skepticism—be open to questioning what you believe and what you think you see. We will also discuss how experience and context can affect what we perceive, and the limitations of claims based on personal experience alone.

**Instructor:** *Eric Harris*; Ph.D., Neuroscience, University of Virginia; over 40 years of neuroscience experience in academia, the pharmaceutical industry, and with FDA interactions related to neurological and psychiatric diseases and treatments; retired but still passionate about neuroscience and science education; OLLI member.

**Course #:** MCE-LLI-3-186 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Oct. 23 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 21

### **Strange Creatures of the Permian Period**

*Instructor:* Christian Kammerer

The Permian Period lasted from roughly 300 to 250 million years ago, and during its span witnessed the rise of mammal-line animals as well as the worst extinction in Earth's history, an event that set the stage for the origin of the dinosaurs. This lecture will provide an introduction to the diverse and often bizarre life of the Permian, with particular attention being given to the Synapsida, a group of vertebrates that includes our own distant ancestors. Starting with general information on the period and its inhabitants, the presentation will conclude by

presenting the latest discoveries in Permian research, including how the study of ancient extinctions is helping inform our understanding of biotic crises occurring today.

**Instructor:** *Christian Kammerer*; Research Curator in Paleontology at the North Carolina Museum of Natural Sciences; he received his Ph.D. in Biological Sciences from the University of Chicago and has worked at the Field Museum in Chicago, American Museum in New York, and Museum für Naturkunde in Berlin; his research focuses on life in the Permian and Triassic periods, particularly as relates to the origin of mammals and the most catastrophic extinction in Earth's history.

**Course #:** MCE-LLI-3-192 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Oct. 30 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$15 / **Non-Member Rate:** \$20 **Registration Deadline:** Oct. 28

### **Caring for Aging Skin**

*Instructor:* Karla Flores Chavez

This lecture will review appropriate care for aging skin. An explanation of what happens to our skin as we mature will help create an understanding of why and how we develop skin cancer and what we can do to minimize the risks. We will discuss skin cancer prevention and detection. Developing simple daily and lifelong habits can protect our overall health. The skin is our largest organ and it is vital that we take the appropriate steps to protect it.

**Date and Time Change!** - The date and time of this lecture have changed from the original date published in the catalog.

**Instructor:** *Karla Flores Chavez*; B.S., Human Biological Sciences, NC State; P.A. degree from the University of North Carolina at Chapel Hill School of Medicine Physician Assistant Program; member of the American Academy of Physician Assistants; currently practices at Blue Ridge Dermatology in Raleigh, NC.

**Course #:** MCE-LLI-3-178 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Nov. 6 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 4

### **Wake County Enslaved Persons Project**

*Instructors:* Tammy Brunner, Roxanne Buzille

What are slave deeds and what can we learn from them? "Slave deeds" are property deeds--bills of sale, deeds of trust, divisions of property--registered with county courts and registers of deeds that contain information about enslaved individuals. Sometimes these individuals are listed only by number, but more often they are listed by name and age, providing invaluable historical information for historians and genealogists. Learn about the work of the Wake County Register of Deeds and the People Not Property project that helped pull out these names and information about these sometimes forgotten people.

**Instructor:** *Tammy Brunner*; current Register of Deeds for Wake County; she was elected in 2020 and serves a four-year term; Tammy is a graduate of NC State with a degree in Political Science; she spent 20 years working in politics; she has worked on campaigns for U.S. Senate, N.C. Supreme Court, N.C. Legislature, District Attorney, School Board and County Commission; she has served as executive director for both the County and State Democratic Party; she also worked for five years as a recruiter/trainer for LEAD NC and organization that recruits and trains folks to run for elected office; she has lived in Wake County since 1991; married to her husband of 23 years and has a senior at Southeast Raleigh High School; she enjoys spending her time reading, listening to podcast and walking the greenway with her two very spoiled dogs Boulder and Nora.

**Instructor:** *Roxanne Buzille*; project coordinator for the Enslaved Persons Project; employed at the Wake County Register of Deeds for 24 years.

**Course #:** MCE-LLI-3-180 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Nov. 13 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 11

### **Wearable and Implantable Sensors and Energy Devices**

*Instructor:* Amay Bandodkar

Recent advances in materials, mechanics, and device architectures form the foundations for rapidly emerging classes of sensors and energy devices with mechanical characteristics that allow for conformal interfaces with the soft, curvilinear surfaces of the human body. While the field of tissue-integrated biophysical sensors exhibits commendable progress in capturing clinical quality thermal, kinematic, and electrophysiological information, the advancement of complementary biochemical sensors severely lags due to unique challenges associated with seamless integration of delicate biochemical receptors, transducing components, and suitable packaging materials. Similarly, the vast majority of demonstrated tissue-mounted energy storage and energy harvesting systems unfortunately rely on toxic components that substantially diminish their attractiveness in bio-related applications. In this talk, Dr. Bandodkar will discuss non-traditional approaches to address some of these grand challenges. He will discuss three technologies that his lab is developing: wearable sweat sensors for non-invasive health monitoring, wireless, implantable sensors for brain activity monitoring, and fully bioresorbable battery-powered pacemaker for controlling cardiac activity.

**Instructor:** *Dr. Amay Bandodkar*; assistant professor in Electrical and Computer Engineering at NC State; he received his Ph.D. in Nano-engineering from University of California San Diego; he is the recipient of the IEEE Sensors Early Career Award, MIT Technology Review 35 Innovators under 35, Biosensors Young Investigator Award, Metrohm Young Chemist Award, MRS Graduate Student Award, Siebel Scholars Award, Interdisciplinary Research Award, and Undergraduate Research Publication Award.

**Course #:** MCE-LLI-3-190 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Nov. 13 **Limit:** 23 **Location:** McKimmon Center 13 **Fee:** \$15 **Registration Deadline:** Nov. 11

## **TUESDAY**

### **The Link Between Alzheimer's Disease and Hearing Loss**

*Instructor:* Robert Keefer

This lecture will explain how the National Institutes of Health (NIH) and Johns Hopkins University scientists learned that Alzheimer's and hearing loss are linked in astonishing ways. We will also discuss how this discovery is impacting our entire healthcare system.

**Recommended Reading (Optional):** *The Problem of Alzheimer's*, Jason Karlawish; *Hearing & Brain Health*, Andrew Campbell

**Instructor:** *Robert C. Keefer*; received his Ph.D. in Biochemistry from Nebraska Medical School; has worked in the international health care industry for 40 years, the last 15 of which have been in audiology and hearing aids.

**Course #:** MCE-LLI-3-184 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Dec. 5 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Dec. 3

### **Via Zoom (Evening) -- Magellan's Pacific Crossing: New Discoveries in One of the World's Greatest Voyages**

*Instructor:* Scott Fitzpatrick

On November 28, 1520, Ferdinand Magellan and his depleted fleet sailed around the tip of South America. After a tumultuous 38-day attempt to pass through the straits that now bear his name, Magellan gazed out into

the vast sea and called it Mare Pacifico or 'calm sea' which was appropriate (although misleading) considering what they had just endured. The passage through the Straits was notable for a number of reasons, not the least because it was the first time Europeans had sailed to the other side of the Americas through a westerly route, ultimately leading to what would become the first successful circumnavigation of the globe. But why did he encounter such benign weather conditions when leaving the Straits and entering the Pacific?

**Instructor:** *Scott M. Fitzpatrick*; professor in the Department of Anthropology and Associate Director for Research and Collections at the Museum of Natural and Cultural History, University of Oregon; he is an archaeologist who specializes in the prehistory and historical ecology of island and coastal regions, particularly the Pacific and Caribbean; much of his research has focused on colonization events, seafaring strategies, adaptations to smaller islands, exchange systems, and human impacts on ancient environments.

**Course #:** MCE-LLI-3Z-191 **Instance #:** 000001 **One Session:** 6-7:30p.m. **Date:** Dec. 5 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Nov. 30

## WEDNESDAY

### Via Zoom -- Talkin' Tar Heel: History, Voices, Culture, Legacy

*Instructor:* Jeffrey Reaser

Linguists at NC State claim that there's more dialect diversity in North Carolina than any other state. How is it that North Carolina ended up so dialectally diverse and what does it all mean? The voices of the states' residents reveal much about both the state's history and its recent transformations. This talk explores the linguistic legacy of North Carolina through audio and visual vignettes of residents of the state. Topics covered include the unique place names of North Carolina locales, local phrases such as "bless your heart," dialects from Murphy to Manteo, the effect of Yankees on Southern speech, and other languages including Spanish and Cherokee.

**Instructor:** *Jeffrey Reaser*; B.A., M.A., English, NC State, Ph.D., English-Linguistics, Duke University; currently Professor of English at NC State; coordinates the secondary English education program, the undergraduate Linguistics programs, and serves as associate director of the Language and Life Project; has published more than 20 scholarly articles and four books, including, *Talkin' Tar Heel: How Our Voices Tell the Story of North Carolina (2014)*, which won the 2014 book award from the North Caroliniana Society.

**Course #:** MCE-LLI-3Z-202 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Nov. 29 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Nov. 23

### The History and Evolution of the Outhouse

*Instructor:* Gary Moore

Most people are familiar with outhouses but really don't know much about them. We will explore the evolution of the outhouse and look at them from a variety of perspectives including folklore, historical, political, archeological, social, and architectural. We will also look at outhouses from a literary and artistic perspective. Photos of unique and famous outhouses from across the country will be featured. A question and answer format will be utilized with audience participation using electronic responders.

**Instructor:** *Gary Moore*; Professor Emeritus, Agricultural and Extension Education, NC State; member of the NC State University Academy of Outstanding Teachers; has made presentations in 41 states, four Canadian provinces and on four continents; veteran OLLI instructor.

**Course #:** MCE-LLI-3-206 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Nov. 15 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 13

## The Fermi Paradox

*Instructor:* Brand Fortner

Are we alone in the universe? Let us explore this question together. We will begin with a survey of stars, galaxies, and the universe, and then discuss great outstanding questions: what are dark matter, dark energy, and black holes? How did the universe begin, and how will it end? Then we use recent advances in the Fermi paradox, the Rare Earth Hypothesis, the doomsday calculation, the Drake equation, the Great Filter, and other theories to help explore the question of whether or not we are alone. We finish with a far-ranging discussion of the philosophical and religious implications of either answer to the original burning question, and what the question means for our quest to find knowledge, meaning, and purpose in the cosmos.

**Instructor:** *Brand Fortner*; Ph.D. in high energy astrophysics from the University of Illinois at Urbana-Champaign; teaching professor in physics at NC State and adjunct professor of physics at UNC-Chapel Hill; founder of two software companies; previously held positions at NASA, NCSA, and Johns Hopkins University.

**Course #:** MCE-LLI-3-173 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Nov. 29 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 27

## Mayberry Modernism: Discover North Carolina's Architectural Legacy with George Smart

*Instructor:* George Smart

George Smart, aka Mr. Modernism, is founder and CEO of USModernist®, the world's largest nonprofit educational archive dedicated to the documentation, preservation, and promotion of Modernist residential design. Join him to learn basic principles of Modernist design, how it got started in North Carolina, and explore a visual feast of exceptional houses across the state, past and present. You will learn why these homes are important, the preservation efforts to save mid-century Modernist houses, and what works and what doesn't. And you'll discover the massive online archives of NCModernist and USModernist.

**Instructor:** *George Smart*; honorary member of the American Institute of Architects, founded NCModernist, the state's largest open digital archive of residential mid-century Modern that documents over 5,000 houses; he has informed and engaged design-oriented audiences from California to New York; every week reaches thousands more as host of the podcast USModernist Radio, named by DWELL as the #2 architecture and design podcast.

**Course #:** MCE-LLI-3-176 **Instance #:** 000001 **One Session:** 3-4:30p.m. **Date:** Dec. 6 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$15 / **Non-Member Rate:** \$20 **Registration Deadline:** Dec. 4

## THURSDAY

### Water Rights and the Colorado River

*Instructor:* Eric Edwards

The Colorado River is the largest water source in the southwestern United States. Its waters are divided between seven states, two countries, and many tribal nations. A 1922 agreement divided the river, creating water rights that are still fought over today. This lecture will discuss water rights, their transfer, and what they mean for the future of the river and water access across the region.

**Recommended Reading (Optional):** *Cadillac Desert*, Marc Reisner

**Instructor:** *Eric Edwards*; assistant professor in the Department of Agricultural and Resource Economics; his research examines environmental and natural resource management institutions; Dr. Edwards runs North Carolina's extension program in water economics, focusing on improving water quality and conservation in the state through economic incentives and markets.



**Course #:** MCE-LLI-3-200 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Nov. 9 **Limit:** 55  
**Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 7

### **Vincent van Gogh--Letters, Loves and Art**

*Instructor:* Geraldine Velasquez

Vincent van Gogh completed 2100 paintings and wrote over 800 letters detailing his works to his brother Theo and sister-in-law Jo van Gogh-Bonger, the woman who ultimately saved his work and made his reputation. Unlucky in love, he proposed multiple times but never married. His death came from an argument over a woman. His remarkable art speaks to each of us on a personal level.

**Instructor:** *Geraldine Velasquez*; received her doctorate in Research of Creativity from Rutgers University; Professor Emeritus of Art and Design and former Chair of the Department of Fine Art and the Department of Communication, Graphics Design & Multimedia, Georgian Court University; received a Lifetime Achievement Award from *Who's Who in America 2019*; she has been published nationally and in *The New York Times*; she has presented multiple lectures on art and artists at OLLI.

**Course #:** MCE-LLI-3-187 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Nov. 16 **Limit:** 55  
**Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 14

### **How to Stop a Lava Flow**

*Instructor:* Arianna Soldati

Can we stop lava flows? Well, we certainly have tried! In this lecture, we will go over the history of human attempts to control lava. We will celebrate human ingenuity and discuss the complex legal and ethical implications that policy makers need to balance when lava flows threaten public infrastructure or private property.

**Instructor:** *Arianna Soldati*; B.Sc. in Geology, University of Pavia, Italy; M.Sc. in Geology, University of Pisa, Italy; Ph.D. in Geology and Minor in College Teaching, University of Missouri -- Columbia; Postdoc at Ludwig Maximilian University in Munich; Assistant Professor in Volcanology at NC State since 2020; field areas are in Hawaii, Iceland, Central America, the Indian Ocean, and Space.

**Course #:** MCE-LLI-3-204 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Nov. 16 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Nov. 14

## **FRIDAY**

### **Via Zoom -- Plants in Space--Out of this World Gardening**

*Instructor:* Colleen Doherty

As human interplanetary travel is moving toward reality, we must start thinking about long-term life outside of the environment we evolved in. Plants are critical to our survival here on Earth and will be an integral component of any long-term space travel. This lecture will explain the unusual challenges of growing plants outside Earth's constraints: altered gravity, atmosphere, and radiation. We will review some of the ongoing science to ensuring that plants can grow in Low Earth Orbit, on the Moon, and on long-duration space flights to Mars. The class will highlight outstanding questions that remain, and we will highlight examples of how this research impacts our understanding of plants and how it is being applied to improve plant growth on Earth.

**Instructor:** *Colleen J. Doherty*; Ph.D., Michigan State University; Post Doc University of California, San Diego; Associate Professor NC State Department of Molecular and Structural Biochemistry; Fulbright Scholar Awardee; DARPA Director's Award; DARPA Young Investigator Award; Phytochemical Society Niesh Young

Investigator Award; studies how plants tell time and how this affects their responses to a changing climate; uses plants as tools to fight climate change, recovering critical elements from waste sources.

**Course #:** MCE-LLI-3Z-198 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Nov. 3 **Limit:** 100

**Location:** Zoom **Fee:** \$15 **Registration Deadline:** Oct. 29

### **Via Zoom -- Beyond Book Bans: Libraries and Their Communities**

*Instructor:* Dan Brooks

Learn how books are selected for public libraries in Wake County and how patron requests to remove or restrict access to specific books are handled. Wake County Selection Manager Dan Brooks will discuss Wake County's experience last year in creating new Reconsideration and Collection Development policies, when a book was removed from the collection. He will also discuss the value of libraries to their communities and what they offer to patrons, including materials, programs, and services, with emphasis on our own Wake County public libraries.

**Instructor:** *Dan Brooks*; MLS, North Carolina Central University; Selection Manager for Wake County Public Libraries; has worked to connect readers and books for 29 years in both retail books and libraries; has been in his current position, supervising WCPL's selection librarians, for five years; led the development of a Request for Reconsideration committee and actively helped create WCPL's new Collection Development policy.

**Course #:** MCE-LLI-3Z-195 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Nov. 17 **Limit:** 100

**Location:** Zoom **Fee:** \$15 **Registration Deadline:** Nov. 12

### **Via Zoom -- Women in American Cryptology**

*Instructor:* Jennifer Wilcox

In the world of codes and ciphers, women have always played a role. Throughout American history, women have provided vital information to military leaders, done the daily grind searching for the enemy's secrets, and pioneered new scientific fields. Learn about the contributions that talented women have brought to cryptology, with an emphasis on the women of WWII.

**Instructor:** *Jennifer Wilcox*; began her career at the National Security Agency in 1986 and has been the Director of Education for the agency's National Cryptologic Museum since 1999; she has conducted extensive research in cryptologic history, which has resulted in visitor programs, brochures, articles, presentations and museum exhibits.

**Course #:** MCE-LLI-3Z-205 **Instance #:** 000001 **One Session:** 11a.m.-12:30p.m. **Date:** Dec. 1 **Limit:** 100

**Location:** Zoom **Fee:** \$15 **Registration Deadline:** Nov. 26

### **Heirloom Chrysanthemums--Grow Your Grandmother's Mums**

*Instructor:* Penny Amato

Ever wonder why Chrysanthemums are November's birthday flower when mums usually bloom in September and October? Most chrysanthemums actually do bloom in November--at least here in the South. The mums we buy from our local farmers and the big box stores have been bred to be small for easy transportation and to bloom early. This presentation will introduce you to the chrysanthemums that your ancestors used to grow. These heirloom mums are large -- 4-5 feet plants with 8-10 inch blooms. They come in all varieties of colors and shapes, from 13 different classes. They are not hard to grow and you will learn how to add these magnificent beauties to your back yard gardens.

**Instructor:** *Penny Amato*; B.S, Food Science, University of Georgia; M.S., Food Science, NC State; Research Scientist at NC State's Department of Food, Bioprocessing and Nutrition Sciences for 25 years; Past President of the Central Carolina Chrysanthemum Society; Heirloom Mum Grower for 7 years.

**Course #:** MCE-LLI-3-193 **Instance #:** 000001 **One Session:** 1-2:30p.m. **Date:** Oct. 27 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 25

### **The Transnational Context of “1619”**

*Instructor:* Ebony Jones

This lecture explores the 1619 landing of human cargo on the shores of Virginia, not as a starting point but one of many turning points in the history of slavery throughout the Americas. This lecture seeks to provide a better understanding of where this landing fits within in a longer history of the transatlantic slave trade and the enslavement of Africans.

**Instructor:** *Ebony Jones*; Ph.D. in History from New York University; 2021 fellow at the Lapidus Center for the Historical Analysis of Transatlantic Slave Trade and at the John Carter Brown Library; Dr. Jones' current book project, *Dangerous Characters: Criminal Transportation, Geographies of Punishment and Slavery During Abolition* explores the use of convict transportation to discipline and punish the enslaved in the British Caribbean.

**Course #:** MCE-LLI-3-118 **Instance #:** 000002 **One Session:** 3-4:30p.m. **Date:** Oct. 27 **Limit:** 55 **Location:** McKimmon Center 11/12 **Fee:** \$15 **Registration Deadline:** Oct. 25

## **EXPERIENTIAL LEARNING**

### **OFFSITE -- Clay Explorations at Pullen Arts Center: Textured Spoon and Bowl Set**

*Facilitator:* Emily Rubin Malpass

In this workshop you will learn how to roll clay slabs, then use molds and templates to create a food-safe, functional bowl and spoon set. Participants will consider the intended use of the pieces and make appropriate design choices. Textures imprinted into the raw clay will provide the decorative element of the pieces and aid in their functionality. You are encouraged to bring anything you think might create an interesting texture in clay (household items, tools, lace, objects from nature), and we will experiment with these found objects as a group before making choices for your own pieces! Pieces will be glazed by Pullen staff after class.

**Note:** Meet at the Pullen Arts Center's ceramic studio, located on the lower level and handicapped accessible. Free parking is available onsite. Works will be fired by Pullen staff and you will be able to pick them up at the McKimmon Center two weeks after the class. Participants may sit or stand during the workshop. Please arrive without hand and wrist jewelry, and in clothing that can get dirty.

**Facilitator:** *Emily Rubin Malpass*; teaching artist with a passion for supporting people at every age and stage of artistic development to find their own way with clay; clay is her favorite teaching medium though she makes wheel-thrown porcelain vessels and works in fiber art/quilting, slow mending and performance art; Emily holds classes for youth and adults at the Pullen Arts Center and for veterans and their families at The Joel Fund Operation Art.

**Course #:** MCE-LLI-1-046 **Instance #:** 000001 **One Session:** 1:00 p.m.-2:30 p.m. **Date:** Sept. 14 **Limit:** 12 **Location:** 105 Pullen Road Raleigh, NC 27607 **Fee:** \$45 **Registration Deadline:** Sept. 9

### **OFFSITE -- Clay Explorations at Pullen Arts Center: Botanical Vase**

*Facilitator:* Emily Rubin Malpass

In this workshop we will roll slabs of clay and build a cylinder-shaped form that makes a beautiful and functional vase for your favorite blooms. Participants will have the option of embedding natural textures from flowers, vines and leaves into the clay slab before constructing the vase, and we will use brush-on colored glazes to decorate the surface. Demonstrations will include simple mark-making techniques with the glazes--no

painting or drawing experience is required. A clear glaze will be applied after the class so that your piece is watertight and fully functional once it is finished.

**Note:** Meet at the Pullen Arts Center's ceramic studio, located on the lower level and handicapped accessible. Free parking is available onsite. Works will be fired by Pullen staff and you will be able to pick them up at the McKimmon Center two weeks after the class. Participants may sit or stand during the workshop. Please arrive without hand and wrist jewelry, and in clothing that can get dirty.

**Facilitator:** *Emily Rubin Malpass*; (see above for bio)

**Course #:** MCE-LLI-1-047 **Instance #:** 000001 **One Session:** 11:00 a.m.-12:30 p.m. **Date:** Nov. 13 **Limit:** 12

**Location:** 105 Pullen Road Raleigh, NC 27607 **Fee:** \$45 **Registration Deadline:** Nov. 8

### **OFFSITE (Evening) -- Astronomy Night at Wilkerson Nature Preserve**

**Facilitator:** Bryan England

OLLI members will meet at sunset for an introductory presentation about astronomy, followed by outdoor observation using a telescope. You can expect at this time in November to see a crescent moon and two bright planets. Outdoor observation is weather permitting; in case of low visibility or poor weather, indoor interactive experiences explaining the fundamental principles of astronomy will be incorporated into the program.

**Note:** Meet at the ALW Education Center, which has indoor restrooms, water fountains and furnished classroom spaces. The building is fully ADA accessible. Parking is available at the Park Office building, 100 yards away from the ALW Education Center. The walk from the parking lot to the education center is on a paved driveway. There are a limited number of handicapped parking spots adjacent to the education center.

**Facilitator:** *Bryan England*; Preserve Manager

**Course #:** MCE-LLI-1-048 **Instance #:** 000001 **One Session:** 5:00 p.m.-6:30 p.m. **Date:** Nov. 16 **Limit:** 20

**Location:** 5229 Awws Haven Drive Raleigh, NC 27614 **Fee:** \$15 **Registration Deadline:** Nov. 11

## **STUDY TRIPS AND EVENTS**

### **OLLI Fall Sneak Peek and Ice Cream Social**

Join us to learn more about the exciting programs of the Fall 2023 Semester and connect with new OLLI instructors and fellow members. We will preview the fall lineup and enjoy NC State's delicious Howling Cow Ice Cream, while catching up with our OLLI friends! New OLLI members will have an opportunity to meet the staff, tour the McKimmon Center and get a sense of our program in advance of our Open House in September.

**Note:** This event is free and open to the public, but you must register. Support for this event is made possible by The Bernard Osher Foundation. **Please call or email the OLLI office if you have dietary restrictions no later than 7 days prior to the event.**

**Course #:** MCE-LLI-4-030 **Instance #:** 000002 **One Session:** 2:00-3:00 p.m. **Date:** Aug. 23 **Limit:** 120

**Location:** McKimmon Center Room TBA **Fee:** \$0 **Registration Deadline:** Aug. 18

### **Randleigh Heritage Museum at the NC State Dairy Farm**

We will tour the Randleigh Dairy Heritage Museum at the NC State Dairy Farm, and cap off our tour with Howling Cow ice cream. The museum is an agritourism experience that will allow you to learn how milk gets from the farm to the table. It also honors the Kenan family, whose generous support helped create this educational destination. The Jersey cows at the farm are descended from William Rand Kenan's original stock. The interactive museum will show you how a typical North Carolina dairy farm operates. Learn how NC State raises cows that produce milk and yummy Howling Cow ice cream!

**Note:** Wear comfortable shoes and dress for the weather as we will be walking and standing for most of the tour. This is an operating dairy farm so please be aware of your surroundings and do not touch the animals.

**Activity Level 2**

**Includes:** Guided tours led by NC State Dairy Farm staff, Howling Cow ice cream. **Participants will drive themselves to the location.**

**Meeting Time:** 9:45 a.m.

**Course #:** MCE-LLI-4-024 **Instance #:** 000002 **One Session:** 9:45 a.m.-11:45 a.m. **Date:** Sept. 15 **Limit:** 24

**Location:** 100 Dairy Ln, Raleigh NC 27603 **Fee:** \$40 **Registration Deadline:** Sept. 8

**Sacred Spaces: Holy Name of Jesus Cathedral**

If you've driven towards downtown Raleigh along Western Boulevard recently you cannot fail to have noticed the giant copper dome of the Holy Name of Jesus Cathedral, the seat of the Catholic Diocese of Raleigh. The dome is 65 feet tall and the cap weighs 160 tons! Join OLLI for a docent-led tour of the magnificent building. Highlights include ninety stained glass windows, forty of which were removed from a church in the Archdiocese of Philadelphia and are almost 100 years old. The Stations of the Cross, multi-colored and painted on a gold field, once belonged to the Saint Francis of Assisi Church, also in Philadelphia, which was constructed in 1924 and closed in 2012. The Saints Statuary is a series of hand carved and painted nearly life size statues that are the work of master craftsmen working in the Ferdinand Stuflesser studio in Ortisei, Italy.

**Note:** Wear comfortable shoes and dress for the weather as we will be walking and standing for most of the tour. Photography is allowed for personal use when there is no liturgy in progress.

**Activity Level 2**

**Includes:** Docent-led tour of the cathedral. **Participants will drive themselves to the location.**

**Meeting Time:** 10:45 a.m.

**Course #:** MCE-LLI-4-025 **Instance #:** 000002 **One Session:** 10:45 a.m.-12:30 p.m. **Date:** Sept. 19 **Limit:** 29

**Location:** Holy Name of Jesus Cathedral, Nazareth St., Raleigh NC **Fee:** \$40 **Registration Deadline:** Sept. 5

**(Evening) -- How to Save a Life: Hands-Only CPR Class & Wake County EMS Facility Tour**

Many of us witnessed Damar Hamlin's cardiac arrest this past February - or watched videos showing how quickly emergency responders acted to save him. Not everyone is so lucky. According to the American Heart Association, over 350,000 people die of sudden cardiac arrest outside of the hospital each year. Bystanders and family are not helpless to assist. In many cases, they can provide vital support that will dramatically increase the victim's chances for survival. Wake County EMS has one of the most successful cardiac arrest survival programs in the nation. How? We'll find out - but know that all residents can play a role in cardiac arrest survival until emergency responders arrive. We will learn how to perform hands-only CPR from Assistant Chief Brian Brooks. In addition to CPR, participants will learn how to correctly use an automated external defibrillator, or AED, a medical device that can help restore a normal heartbeat in certain situations. Following the two-hour class, we will tour the EMS Education Center where professionals are trained and view different types of equipment as well as emergency vehicles.

**Note:** The CPR class is not a certificate-based class.

**Activity Level 2**

**Includes:** Private hands-only CPR class, tour of EMS Education Center, transportation

**Depart:** McKimmon Center at 5:00 p.m.

**Return:** Approximately 9:00 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-055 **Instance #:** 000001 **One Session:** 5:00 p.m.-9:00 p.m. **Date:** Sept. 26 **Limit:** 34

**Location:** Wake County EMS Education Center **Fee:** \$35 **Registration Deadline:** Sept. 19

### **Hard Hats On! Exploring a NCSU Construction Site**

NC State is one of the nation's elite STEM universities and continues to grow both academically and in square footage. The new \$180 million Integrative Sciences Building (ISB) will provide vital space for STEM teaching and research space at NC State and serve as a catalyst for transforming the sciences. Construction has just begun, and OLLI members have a special opportunity to learn about this important expansion project expected to be completed in 2026. Alongside NCSU staff and members of Skanska construction staff, folks will begin their morning in Broughton Hall. You will see renderings of the project and ask questions about the design and construction plan for the 153,000 square foot building. We will then visit the construction site in progress, wearing PPE. Did you know that Skanska also served as the construction contractor for Hunt Library? The Integrative Sciences Building will be a flexible, interdisciplinary sciences building with a focus on chemistry and biotechnology. It will contain classrooms, teaching and research labs, research facilities and office space. Following the trip, we will eat lunch at Fountain Dining Hall on Central Campus.

**Note:** Walking surfaces will include, at a minimum, asphalt, brick and concrete. PPE will be provided during the onsite tour. Lunch is self-pay.

#### **Activity Level 3**

**Includes:** presentation by NCSU staff, tour of construction site, transportation

**Depart:** McKimmon Center at 9:30 a.m.

**Return:** Approximately 1:30 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-054 **Instance #:** 000001 **One Session:** 9:30 a.m.-1:30 p.m. **Date:** Sept. 29 **Limit:** 30

**Location:** NCSU campus **Fee:** \$45 **Registration Deadline:** Sept. 22

### **Sacred Spaces: A Hindu Temple Visit**

In 2022, Gov. Roy Cooper declared October as Hindu Heritage Month in North Carolina. Over 50,000 Indian Americans call Cary, Apex and Morrisville home. We will visit the second largest Hindu temple in North America, Sri Venkateswara Temple in Cary. Opened in 2009, the SV Temple is modeled after the famous Sri Venkateswara Temple in the state of Andhra Pradesh, India. The SV Temple recently completed work on the Rajagopuram, a sacred entryway that is 87-feet tall (about seven stories high!) and built with the aid of craftsmen coming from India to add final touches. It is considered to be a threshold or portal between the mundane world and divinity. SV Temple's Rajagopuram is thought to be the largest in the United States. We will learn about architectural staples, rituals, and icons of worship from our guide. Please note that there may be active services or rituals occurring in the temple while we are visiting. Lunch is included and will be at a nearby restaurant serving Indian cuisine.

**Note:** No shorts and no sleeveless tops. Knee and shoulders should be covered. Wear socks as shoes will be removed for entry.

#### **Activity Level 1**

**Includes:** Guided tour of Sri Venkateswara Temple, lunch, transportation

**Depart:** McKimmon Center at 10:30 a.m.

**Return:** Approximately 1:45 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-049 **Instance #:** 000001 **One Session:** 10:30 a.m. – 1:45 p.m. **Date:** Oct. 2 **Limit:** 29

**Location:** Cary, NC **Fee:** \$35 **Registration Deadline:** Sept. 30

### **OLLI's Fabulous Fall Picnic**

A fall favorite - OLLI's fall picnic! This is a wonderful opportunity to eat, meet and visit with other members, and, if you are lucky, win one of our door prizes donated by local organizations. We are bringing back an OLLI

classic-the catered BBQ buffet! The drawings for door prizes will include a one-year membership in OLLI, complimentary tickets to local events, and more. Don't miss it!

**Location:** Chavis Park, Raleigh

**Note:** Wear comfortable walking shoes and casual attire. Parking will be available close to the event for those with limited mobility. **If you have special dietary restrictions, please contact the OLLI office to discuss before you register.**

**Includes:** Registration for the event, BBQ lunch

**Course #:** MCE-LLI-4-013 **Instance #:** 000006 **One Session:** 12-2:00 p.m. **Date:** Oct. 6 **Limit:** 120 **Location:** Chavis Park, Raleigh **Fee:** \$15 **Registration Deadline:** Sept. 28

### **A Taste of Raleigh - Walking Food Tour**

The capital of North Carolina is home to some of the most dynamic restaurants in the country. Known for effortlessly blending modern architecture with historic buildings and monuments, Raleigh showcases fine dining and eclectic eateries. Whether you're a long-time resident or a newcomer, you'll come away with a new appreciation of downtown Raleigh while enjoying innovative southern and global cuisine, all with an emphasis on local produce. Join Taste Carolina's expert guides as OLLI explores downtown through a foodie's lens. This tour will last approximately three and a half hours and covers three miles of restaurant experiences in downtown Raleigh! *Southern Living Magazine* states that Taste Carolina's food tours are "a great way to learn about downtown's gastronomic highlights".

**Note:** Tour runs rain or shine - please dress for the weather and wear comfortable shoes. If you have food allergies, please indicate the specifics when registering. This information will be shared with Taste Carolina as they plan our walking tour to ensure that all participants will be able to enjoy the tastings. However, they cannot accommodate a Keto diet at this time.

#### **Activity Level 3**

**Includes:** Guided tour with 5 to 7 stops at downtown Raleigh establishments, intimate conversations with restaurant leaders and chefs, food samples plus a wine tasting, transportation on university bus, tour admission.

**Depart:** McKimmon Center at 10:00 a.m.

**Return:** Approximately 2:00 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-053 **Instance #:** 000001 **One Session:** 10:00 a.m. – 2:00 p.m. **Date:** Oct. 20 **Limit:** 24 **Location:** Downtown Raleigh **Fee:** \$120 **Registration Deadline:** Sept. 22

### **Friday Favorites at the NC Symphony: Classical Faves**

Spend an afternoon hour at the Martin E. Marietta Center for the Performing Arts! Hear your favorite light classics performed by the North Carolina Symphony, led by conductor Grant Llewellyn inside the Meymandi Concert Hall. Did you know that the North Carolina Symphony is the first state-supported symphony in the country? Join fellow OLLI music lovers for a delightful concert experience!

**Note:** Lunch is not included in the program so eat a hearty breakfast and take along a snack to eat on the bus.

**No bags larger than 12" x 12" x 10" will be allowed.**

#### **Activity Level 1**

**Includes:** Transportation on university bus, ticket

**Depart:** McKimmon Center at 11:30 a.m.

**Return:** Approximately 1:30 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-051 **Instance #:** 000001 **One Session:** 11:30 a.m. – 1:30 p.m. **Date:** Oct. 27 **Limit:** 27 **Location:** Meymandi Concert Hall **Fee:** \$50 **Registration Deadline:** Oct. 20

## Exploring Saxapahaw, NC: Mushrooms and Puppets

Saxapahaw is a former mill-town set on the banks of the Haw River. One of the first European explorers to visit the countryside around Saxapahaw called it the “Flower of Carolina” in 1701. Fast forward to present day, the town has a vibrant arts scene and focuses on environmental stewardship. A private tour of the Paperhand Puppet Intervention Studio by director Donovan Zimmerman awaits us, where a 7000 square foot facility houses giant puppets and masks used in live performances. Learn about their mission to use diverse styles of puppetry to inspire social change. Their masterpieces are made with found materials of all kinds - you might even get to hold one! OLLI members will also tour Haw River Mushroom Farm and learn how mushrooms are grown from substrate to harvest. Did you know that there are mushrooms that taste like chicken and others that taste like crab? Their offerings are grown mainly indoors, and Haw River also produces medicinal varieties of mushrooms. Lunch will occur mid-day in downtown Saxapahaw. There are several dining options, including the Eddy Pub and the Saxapahaw General Store.

**Note:** Please note that Paperhand Puppet Intervention Studio has no heating or air conditioning. Dress appropriately. Lunch will be on your own in downtown Saxapahaw.

### Activity Level 2

**Includes:** private tour of Paperhand Puppet Intervention Studio, admission, and tour of Haw River Mushroom Farm, NCSU transportation

**Depart:** McKimmon Center at 8:45 a.m.

**Return:** Approximately 4:30 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-052 **Instance #:** 000001 **One Session:** 8:45 a.m. – 4:30 p.m. **Date:** Nov. 3 **Limit:** 29

**Location:** Saxapahaw, NC **Fee:** \$100 **Registration Deadline:** Oct. 27

## A Day at Reynolda House

Join OLLI as we experience one of North Carolina’s gems: a century-old, restored bungalow with original furnishings and masterpieces of American art - Reynolda House! Completed in 1917, the Reynolda House Museum of American Art was originally the home of Katharine Smith and R.J. Reynolds, founder of the R.J. Reynolds Tobacco Company. Promising a healthier lifestyle, the more than 34,000-square-foot historic home was the centerpiece of a 1,067-acre estate and model farm. Now on the National Register of Historic Places, the Reynolds family’s 64-room historic house stands as one of the few well-preserved, surviving examples of the American Country House movement. A trained docent will lead us through the historic house, and we will visit the special exhibition Smith & Libby: Two Rings, Seven Months, One Bullet. Like most family homes, Reynolda House witnessed its share of tragedies, none more shocking than the death by gunshot of Zachary Smith (“Smith”) Reynolds, youngest child of R.J. and Katharine Smith Reynolds. Soon after midnight on July 6, 1932, Smith was shot on a sleeping porch at the family’s country estate. And his death remains a mystery to this day. Smith & Libby ‘draws back the curtain on an event that shocked the nation’ as we will see archival objects, news articles and other primary sources to explore the mystery’s complexity. After lunch on your own minutes away from Reynolda House, the group will have free time to explore a set of charming buildings called Reynolda Village. Modeled after an English village, you will have a mix of boutiques to visit in their original structures. We will conclude our day by visiting The Painter’s Palette, a working art studio of local artist Gail Roberts. Get an insider’s look at her current works in progress and ask questions about her artistic process!

**Note:** The Reynolda House tour will begin at 11:00 a.m. and lasts 90 minutes, meaning that we’ll likely eat lunch around 1:00 p.m. Pack or eat a hearty breakfast in the morning, as food and drink are not allowed in the historic home.

### Activity Level 2

**Includes:** Guided tour of Reynolda House, transportation with lavatory, visit to The Painter’s Palette art studio.



**Depart:** McKimmon Center at 8:30 a.m.

**Return:** Approximately 5:00 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-050 **Instance #:** 000001 **One Session:** 8:30 a.m. – 5:00 p.m. **Date:** Nov. 8 **Limit:** 28

**Location:** Reynolda House, Winston Salem **Fee:** \$120 **Registration Deadline:** Nov. 1

### **Friday Favorites at the NC Symphony: Holiday Pops**

This popular seasonal event at Meymandi Concert Hall in Raleigh is a wonderful way to kick off the winter months with the North Carolina Symphony! Don't wait - this performance sells out quickly! This year, guest vocalist Shayna Steele adds to the festive cheer.

Michelle Di Russo, conductor

**Note:** Lunch is not included in the program so eat a hearty breakfast and take along a snack to eat on the bus.

**No bags larger than 12" x 12" x 10" will be allowed.**

#### **Activity Level 1**

**Includes:** Transportation on university bus, ticket

**Depart:** McKimmon Center at 11:15 a.m.

**Return:** Approximately 1:30 p.m. to the McKimmon Center

**Course #:** MCE-LLI-4-015 **Instance #:** 000003 **One Session:** 11:15 a.m. – 1:30 p.m. **Date:** Dec. 8 **Limit:** 27

**Location:** Meymandi Concert Hall **Fee:** \$50 **Registration Deadline:** Dec. 1

### **OLLI Seasonal Celebration**

Join OLLI members, instructors, and staff in the McKimmon Center for our annual end-of-year gathering to celebrate the holiday season. We will be entertained by a variety of performers, mostly OLLI members, offering gifts of prose, poetry, music and humor to put us in a festive mood. There is no charge for this event, but you are invited to bring along a small, disposable plate of your favorite holiday finger food to share. The entertainment starts at 3 p.m. with refreshments and mingling in the lobby to follow the performances. If you are interested in performing, please contact Special Programs Coordinator Lindsey Hale to pitch your talent!

**Note:** Fee is included in your OLLI annual membership, but you must register for this event.

**Course #:** MCE-LLI-4-014 **Instance #:** 000003 **One Session:** 3-4:30 p.m. **Date:** Dec. 8 **Limit:** 200 **Location:** McKimmon Center, Room TBA **Fee:** \$0 **Registration Deadline:** Dec. 6

### **History on Display: Military Might in Virginia**

Join OLLI members as we travel to Virginia with veteran OLLI instructor Dave Milidonis this fall! We will explore two state-of-the-art museum complexes celebrating military history (Army and Marine Corps), George Washington's Mount Vernon, and Yorktown. Marvel as we learn about military leaders, significant advancements in wartime technology and more in Northern Virginia while dining at local restaurants with historical connections to our Founding Fathers. A guided visit to Mount Vernon will give us an inside look at the nation's first Commander in Chief. We will finish our trip by traveling to Yorktown, VA where we will experience a Victory Celebration in honor of George Washington's October 19 victory over Cornwallis! Grab an OLLI friend and sign up for this wonderful, history-packed trip. All admissions, meals, hotel, and luxury transportation are covered in trip cost.

**Note:** You must have a current OLLI membership to participate. **Payment will be handled through AAA of the Carolinas.** Registration is managed by OLLI staff. **Activity Level 3**

**Date:** Oct. 11-14 **Limit:** 30 **Location:** Virginia **Fee:** \$1200.00/Double Occupancy or \$1475.00/Single Occupancy **Registration Deadline:** Aug 2

## How to register:

### **OLLI at NC State membership is required for participation in all programs.**

Purchase your membership online or call our office at 919-515-5782. All memberships expire June 30. The membership fee is prorated as the year progresses:

- Fall, Spring and Summer Semester Membership (July 1 – June 30) - \$50
- Spring and Summer Membership (November 1 – June 30) - \$40
- Summer Membership (May 1 – June 30) - \$20

Registration for OLLI membership and enrollment in any of its programs is open throughout the program year. Feel free to add courses or events after your initial registration.

Registrations are accepted first come, first served. Registering online is the quickest way to enroll and receive registration confirmation. You may also register by telephone, by mail, or in person.

- If registering online for the first time, you will need to set up an account. Your user ID will be your email address. Find our Registration Quick Guide at: [go.ncsu.edu/olliregistration](http://go.ncsu.edu/olliregistration).
- Classes, lectures, and study trips overlap in time; double check your schedule before registering!
- There may be required reading and other details associated with some of these courses and study trips. Be sure to read the full course description online before registering.
- Please review our Refund Policy on page 43 before registering.

### **Online Registration:**

Visit [reporter.ncsu.edu](http://reporter.ncsu.edu) and sign in using “Brickyard Login.”

- If you have previously set up an account, your email address is your username. Passwords expire every 365 days. You will be prompted to change your password if it has expired.
- If your membership has been inactive for more than 2 years or you are new to OLLI, choose “Create an Account.” Each OLLI member must provide an email address unique to you in order to register.
- You will know that you have successfully logged in when you see your name in the upper right-hand corner of your screen.
- Find our Registration Quick Guide at: [go.ncsu.edu/olliregistration](http://go.ncsu.edu/olliregistration).
- Trouble registering online? Visit [go.ncsu.edu/olli-help](http://go.ncsu.edu/olli-help) for our Troubleshooting Guide.

To search the alphabetical listing of classes in Reporter for Fall Semester type “OLLIFA23” in the search field at the top of the page.

Add the classes (and membership if applicable) you want to register for to your cart, then check the box at the bottom of the screen indicating you have read and agree to registration policies, then “Proceed to Order Summary.”

Provide your credit card information as instructed. Please note that the payment processor screen only accepts 2 digits for your credit card expiration date year. For example, if you attempt to type in “2024,” the system will recognize the expiration year as “20” and will show your card as expired.

You will receive an email confirming your registration once completed.

If you have any trouble registering online, please reference “How to Register Online” detailed instructions at <https://mckimmoncenter.ncsu.edu/olli/online-2/> or call our office at 919.515.5782.

### **Phone Registration:**

You may phone in your registration at 919.515.5782, option 1. Fall Semester registration begins on July 27 at 9:30 A.M. Beginning July 28, phone registration hours are 8:30 AM – 4:00 PM.

### **In Person Registration:**

If you prefer to register in person, our offices are open Monday – Friday 8:30AM – 4:00PM. We are located in Room 225 at McKimmon Center, 1101 Gorman Street, Raleigh. If registering in person, we accept credit cards and checks only (no cash). **Please note that Fall Semester registration begins on July 27 at 9:30 A.M.**

### **Refund Policy**

- Lectures, classes and study trips overlap in time. Drop fees apply if you double-book yourself.
- Courses: Members may drop a course and request a refund online or by contacting the OLLI office at least two weeks prior to the start of the course. A \$10 processing fee per member per transaction will be charged.
- No refunds will be given for lectures/events with fees of \$25 or less.
- Study trips: Refunds for study trips may be requested up to three weeks prior to the date of the event. However, because of contractual obligations with vendors and advance ticket purchases, full refunds cannot be guaranteed. A \$10 processing fee will be deducted from any refund.
- Members may transfer to another course or lecture for no fee; this can be done online or by contacting the OLLI office.
- If you cannot attend, we cannot allow substitutions because of the existence of waitlists and the membership aspect of our program.
- If OLLI cancels a course or event, you will be notified and given a full refund (or you can transfer to another course or trip in the semester). Please allow three weeks for processing refunds.
- The membership fee will not be refunded.

## **Financial Aid**

Members with limited discretionary income should contact us if financial assistance is needed in order to enroll in a 6-week course. Generous donations by our members support financial aid. Contact the OLLI office to complete the brief financial aid application or find the application on our website. Financial aid applications must be renewed annually. All information is kept confidential.

## **Adverse Weather Policy**

OLLI programs, including offsite classes and study trips, are cancelled when Wake County Public Schools close to students because of adverse weather. Wake County Public Schools delays in opening do not affect OLLI's schedule; OLLI programs run as scheduled if there is a WCPSS delayed opening. When WCPSS closes early due to impending weather, we typically do not cancel classes, but please watch for an email from our office under those circumstances. We will also Tweet status reports, which can be found by scrolling down on the main page of our website. Zoom courses/lectures may be able to continue despite adverse weather, and decisions on Zoom courses/lectures will be made on a case-by-case basis; look for an email from the OLLI office on the day of the lecture/class.

## **Photo Waiver:**

By registering for an OLLI program either online, over the phone or in person, participants give permission to NC State University to take and publish photographs, video, audio or other impressions of their image or voice (collectively "photographs"). Participants will not be compensated for any photographs or other likeness that may be used in this capacity. To opt out of accepting the photo waiver, email [OLLI\\_info@ncsu.edu](mailto:OLLI_info@ncsu.edu).

## **Additional NC State Policies**

By registering for a course, lecture, study trip or event, participants agree to hold NC State University and its employees harmless in the event of personal injuries, accidents, property damage, delays, and losses of any kind.

OLLI is a unit of NC State Continuing and Lifelong Education. The information shared and/or opinions expressed in courses and lectures are those of the individual presenters. The ultimate responsibility for any decision made or actions taken based on the information provided rests with the member.

NC State University does not practice or condone discrimination in any form and is committed to securing equal opportunity in education regardless of race, color, national origin, religion, creed, sex, age, disability, veteran's status, genetic information, or sexual orientation.

## **OLLI Member Benefits**

### **Wolfpack One ID Card**

While the Wolfpack One ID card is not required, members may want to obtain a free Wolfpack One card in order to take full advantage of several university affiliate benefits.

#### **Member benefits requiring the Wolfpack One card:**

- Use of NC State Libraries
- Admission to non-revenue sports such as Wolfpack Women's basketball, gymnastics, and men's baseball (subject to availability on the day of the event).

#### **No Wolfpack One card is required for the benefits below, but you will need to show a photo ID and let them know you are a current OLLI member:**

- Discounts on tickets for cultural events at Stewart and Thompson Theaters.
- Use of Carmichael Gym (for additional fees). Contact the Gym.
- No ID is required for access to the African American Cultural Center
- Transportation on the Wolfline bus system is free.

#### **You may obtain your card at the Wolfpack One Card office after you have purchased your membership.**

Allow one week for the OLLI office to send membership updates to the Wolfpack One office before you go. The office is located in the Talley Student Union, which is between Cates and Dunn Avenues. It is on the first floor of the building (off the main lobby to the left if you enter via the Cates Avenue entrance). Parking is available in the pay lot in the Coliseum Parking Deck at the intersection of Cates and Jensen with a short walk to the Talley Student Union.

The office is open Monday – Friday, 8am – 5pm. The phone number is 919-515-3090. The card is free, but replacement cost for a lost card is \$20. The card must be renewed annually.

### **NC State Libraries Benefits**

OLLI members are entitled to limited privileges at the NC State Libraries, which includes the D.H. Hill Jr. Library and the J.B. Hunt Library (the main libraries) and three branch libraries: Natural Resources, Design, and Veterinary Medical. Borrowing privileges and access to the Libraries' extensive collections of books and journals, and most electronic resources are available. Be aware that remote access to many electronic databases and journals may not be available to OLLI members because of licensing agreements. Computer access is prioritized for NC State students and faculty. During final exam periods, the libraries are open only to faculty and students enrolled in courses for credit.

OLLI at NC State reflects its members' interests and desires. It is a collaborative effort among staff and volunteers, both members and instructors. Members make a difference in **YOUR** OLLI by serving as class hosts who welcome our volunteer instructors, by joining and organizing special interest groups, by planning and welcoming members at OLLI's social events, by spreading the word about OLLI, by serving on subject area program subcommittees and converting ideas into courses, and more! Do you have time and talents to share? Get involved!

Special thanks to our OLLI Advisory Council Members and Standing Committee Members listed below:

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Vicki Miller  
Bob Millhauser  
Vilma Mueller  
Thelma Nelson  
Regina Oliver  
Carol Overby  
Bill & Carol Pace  
Diane Paine  
Michael Patetta  
Kathleen Pearson  
Beth Post  
Patricia Prather  
Sarah Pratt  
Sue Reed  
Adrienne Richter  
Candy Robinson  
Sue Scott  
Esma Sederoff  
Debra Shambro  
Marlene Sharak  
Barbara Shew

Sharlene Silva  
Carla Skuce  
Rosalyn Snyder  
Sherrill Stanley  
Lynn Stellings  
LeRoy Tate  
Michael Templeton  
Joe Tooley  
Nancy Truitt  
Ingrid Tucker  
Ed Webb  
Sarah Williams  
William Wilson  
Ralph Yeager

**Donations in Memory of Doug  
Hall**

Jay Brown  
Cindy Callahan  
Nancy Cooke  
Maureen Deis  
Nita DeNicola  
Judy Doss  
Michelle Guy  
John Rybovich  
Sue Scott  
Sherrill Stanley  
Deborah Templeton  
Judy Young