



Spring Semester 2023

First term: Jan.11 – March 10

Second term: March 13 – April 21

- Before registering, please read the Important Information section (page 37) at the end of this catalog of course descriptions.
- You may phone in your registration at 919.515.5782 (option 1) or register online at www.ncsu.edu/olli
- Be aware that some offerings overlap in time, so double-check your schedule before finalizing your registration (drop fees apply).
- By registering for OLLI classes, you are agreeing to abide by any protocols that NC State may put in place to limit the spread of COVID-19.

FIRST TERM MULTI-WEEK COURSES

MONDAY

Battles of the American Revolution 1781

Instructor: Dave Milidonis

The seventh session in our series of the Battles of the Revolution continues our trek through this world war. The British declare war on the Dutch, initiating the Fourth Anglo-Dutch war. The siege of Gibraltar continues. Beside the now famous battles of Cowpens, Guilford Court House and Yorktown, the world war takes us again to India, as well as the Barbary Coast, Minorca, the Cape Verde Islands and Nova Scotia. Britain's resources are stretched to the breaking point, forcing a conclusion in the United States so their war could continue against the French, Spanish, Dutch and Mysore. Join us for this incredible conflict.

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 (see page 17 for second session dates and time).

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.

Course #: MCE-LLI-1-113 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Jan. 23, 30, Feb. 6, 13, 20, 27 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 21

Founding Documents of the U.S. Government

Instructor: Vern Pike

This course begins with a geographic and political overview of the British Colonies in North America in the 1700s. It will then focus specifically on what became the United States of America, through an examination of three documents: the Declaration of Independence, the Articles of Confederation, and the Constitution.

Instructor: *Colonel Verner Pike, USA (Rtd); B.S., History, Wake Forest College; M.A., International Relations, The American University; Assistant Professor, Department of Social Sciences, U.S. Military Academy, West Point, NY; Lecturer, Sandhills Community College, Southern Pines, NC.*

Course #: MCE-LLI-1-118 **Instance #:** 000001 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Jan. 23, 30, Feb. 6, 13, 20, 27 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 22

Good Conversations with Adult Children

Instructor: Alita Bluford

Developing and maintaining relationships with our adult children requires fine tuning our listening skills and understanding how emotional intelligence skills affect the relationship dynamic. Realizing the need to shift away from a parental role is challenging. Establishing, nurturing and maintaining this evolved relationship dynamic in our conversations with our adult children can be challenging and filled with "traps." During this course, you will learn your communication and learning styles. We will then apply this knowledge to your interactions along with learning some do's and don'ts in the parent/adult child interaction. Tips on what "not to say" and how to say what you need to say while minimizing tension in the relationship will be provided.

Instructor: *Alita Bluford; B.S, Univ. of Michigan; M.S., Eastern Michigan Univ.; born and raised in Detroit; OLLI at Duke member and instructor, former member of OLLI at the University of Michigan; throughout her professional life she has focused on educating adults in difficult situations; has worked in several corporations as a training manager, and ran her own consulting firm that assisted small businesses in teaching their employees how to get along better and work more efficiently.*

Course #: MCE-LLI-1-136 **Instance #:** 000001 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Jan. 23, 30, Feb. 6, 13, 20, 27 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 22

China in the 21st Century

Instructor: Xiaolin Duan

This course covers China's transition from Mao's government to the current society, introducing major events, issues, ideologies, trends and other factors that have shaped today's China. We start with the discussion on Deng Xiaoping's reform, especially the opening of China in the 1980s to foreign investment. We will then talk about the electrification of China using different energies and the environmental consequences. Lastly, we will explore the development of urbanization and how modern technology has reshaped governance and people's life. We will also focus on the interaction of China with the rest of the world—culturally, commercially and environmentally.

Recommended Reading (Optional): *China in the 21st Century: What Everyone Needs to Know*, Jeffrey N. Wasserstrom

Instructor: *Xiaolin Duan; B.A., Peking University; Ph.D., University of Washington, Seattle; Associate professor of Chinese history at NC State; author of *The Rise of West Lake: A Cultural Landmark in the Song Dynasty* and *An Object of Seduction: Chinese Silk in the Early Modern Trans-Pacific Trade*.*

Course #: MCE-LLI-2-062 **Instance #:** 000001 **Three Sessions:** 1-2:30 p.m. **Dates:** Jan. 23, 30, Feb. 6 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Jan. 22

Religious Fundamentalism in American Culture

Instructor: Brandon Turner

In 1909, California businessman Lyman Stewart, the founder of Union Oil, and his brother Milton anonymously provided funds for composing, printing, and distributing *The Fundamentals: A Testimony To The Truth* (generally referred to simply as *The Fundamentals*) to almost every minister, missionary, professor of theology, YMCA employee, and Sunday school teacher in America. All in all, over 3 million volumes, each containing 90 essays, were distributed free of charge. This course will focus on the results of this undertaking: the so-called Fundamental explosion in American culture. We will explore the historical roots of fundamentalism and the theological and sociological focus of the fundamentalist, and examine trends, current examples, and future predictions of the movement. While this class will examine theological issues, we will do so from a sociological etic (outsider/academic) perspective. We will explore the deeper causes of fundamentalism as response/reaction to external forces, the role of fundamentalism in religion in general (not just in American Christianity), and explore the various political and theological ways fundamentalism is expressed.

Recommended Reading (Optional): *Fundamentalism and American Culture* (New Edition), George M. Marsden, *The Fundamentals - A Testimony To The Truth Volume 1* (Google "The Fundamentals: A Testimony to The Truth" to find several free PDF versions). View online catalog for full list of recommended reading.

Instructor: *Brandon Turner*, Master's of Divinity, Gardner-Webb University; MPhil and Ph.D., Religion and Culture, The Catholic University of America; his dissertation focused on the religious practice of Muslim Americans from a sociological perspective; has been teaching about religion for 10 years.

Course #: MCE-LLI-2-067 **Instance #:** 000001 **Three Sessions:** 1-2:30 p.m. **Dates:** Feb. 13, 20, 27 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Feb. 12

Great Books "Great Conversations 1"

Instructor: John Pilgrim

Join us for great conversations about classic texts. We will be reading selections from *Great Conversations 1*, an anthology compiled by the Great Books Foundation and available for \$24.95 at store.greatbooks.org.

Our schedule will be:

- **January 30:** Aeschylus, *Prometheus Bound*
- **February 13:** Henri Poincare, *The Value of Science* (selection)
- **February 27:** Ralph Waldo Emerson, *Self-Reliance*
- **March 13:** Thorstein Veblen, *The Theory of the Leisure Class* (selection)
- **March 27:** Carl Jung, *The Stages of Life*
- **April 10:** Alice Munro, *Boys and Girls*

Required Reading: *Great Conversations 1*, purchase for \$24.95 at store.greatbooks.org. Enroll in this course only if you are willing to complete the readings and actively participate in class discussions.

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-1-077 **Instance #:** 000002 **Six Sessions:** 3-4:30 p.m. **Dates:** Jan. 30, Feb. 13, 27, Mar. 13, 27, Apr. 10 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 28

TUESDAY

Understanding Dementia and Alzheimer's Disease

Instructor: Lisa Levine

What is the difference between Alzheimer's disease and dementia? Is Alzheimer's a disease only older people get? How do I interact with a confused loved one? What can I expect after a dementia diagnosis? Over five million Americans are estimated to have Alzheimer's disease today. The number of Americans diagnosed with Alzheimer's disease and related dementias will grow steadily each year as our population age 65+ continues to increase. With 10,000 people turning 65 each day, it is important we discuss the answers to these often asked questions. This short course will explore different types of dementia, the "typical" progression of Alzheimer's disease, and how to improve communication and interactions with someone with dementia throughout their disease.

Instructor: *Lisa Levine*; B.S., Psychology; Senior Director of Programs, Dementia Alliance of North Carolina; responsible for educational outreach to families, professionals, clergy, and law enforcement through community workshops, regional conferences, health and wellness education, community awareness programs, and professional in-service training; provides support, services, and resource information to people with dementia and both family and professional caregivers.

Course #: MCE-LLI-1-061 **Instance #:** 000002 **Four Sessions:** 9-10:30 a.m. **Dates:** Jan. 17, 24, 31, Feb. 7
Limit: 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Jan. 15

The Enneagram--Is There More To Me?

Instructor: Hugh Willard

The Enneagram is a dynamic model to support greater self and other awareness. It describes the structure and characteristics of nine personality types, opening a path to a more integrated and rewarding life. Allowing that many of us come to this later time in our lives with a wealth of experience and hard-earned insights, there is still much that we can harvest to help us better engage both our journey forward and the companion relationships on our travels. The Enneagram offers both depth and practicality, given one's preference for how to use it. This course will provide a broad overview before moving into an explication of the nine types and their application in our day-to-day lives. Participants will have the opportunity to take an inventory to learn more about their respective types, and then we will spend time in a deeper exploration of various contexts that are particularly relevant to the second half of life.

Recommended Reading (Optional): *The Enneagram Made Easy*, Elizabeth Wagele and Renee Baron; *The Essential Enneagram*, David Daniels; *The Road Back To You*, Ian Morgan Cron and Susan Stabile

Instructor: *Hugh Willard*; holds degrees in Psychology and Counseling and is a psychotherapist and retirement coach with over 30 years of experience; he is the 2008 President of the Licensed Professional Counselors Association of NC, has facilitated workshops locally and nationally and has guest lectured at several area universities including UNC-Chapel Hill and NC State; he is currently pursuing an MFA in Creative Writing from Bay Path University.

Course #: MCE-LLI-2-010 **Instance #:** 000002 **Three Sessions:** 9-10:30 a.m. **Dates:** Feb. 7, 14, 21 **Limit:** 20
Location: McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Feb. 6

Seeing the Past: The Webb Space Telescope and NASA's Great Observatories

Instructor: Marc Fusco

For more than thirty years, NASA has unlocked a great many mysteries of the universe by employing their space-based Great Observatories, a series of orbiting telescopes that have allowed us to see farther into

space and deeper back into time. We will take a brief look at these Great Observatories, including a history of telescopes and discovery (Galileo, Huygens, Newton, Herschel); discuss the currently-operating Great Observatories (Spitzer infrared, Hubble visible spectrum, Chandra x-ray, and Compton gamma ray space telescopes); briefly discuss the planet hunting space telescopes like Kepler; and finish with the history, technology, and capabilities of the newly-flown James Webb space telescope. We will take a look at the success of Hubble and its sister space telescopes, and look forward to the wonders that the James Webb Space Telescope will reveal to us.

Instructor: *Marc Fusco*; M.A., M.S., NASA Ambassador and space historian; Marc has several degrees in Medieval and Renaissance Literature and History, and an M.S. in Space Studies, where he majored in space policy and history; he has taught at Arizona State, Duke, and UNC; Marc has worked as a commercial space analyst and is currently a NASA Ambassador in Raleigh; author of *Presidents, Politics, and Policy: How the Apollo and Shuttle Decisions Shaped NASA*.

Course #: MCE-LLI-2-051 **Instance #:** 000002 **Two Sessions:** 9-10:30 a.m. **Dates:** Feb. 14, 21 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$30 **Registration Deadline:** Feb. 13

Is Our News Media Broken?

Instructor: Ben O'Neal

Democracies are dependent on shared civic knowledge of its citizens. We get our shared civic knowledge primarily from “stories” that circulate in news and social media. Our democracy is in trouble because citizens cannot agree on what is true. But what is civic knowledge and how do we acquire it? This course is about stories and storytellers and how they can divide and unite us. This course relies heavily on class participation. Some of the topics covered in this course are:

- How and why some news stories are often selected to stir up hatred and distrust.
- How does TV affect news (is the media the message)?
- Who are our storytellers and what do they want us to believe?
- What is knowable and what isn't?

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-1-131 **Instance #:** 000001 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Jan. 17, 24, 31, Feb. 7, 14, 21 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 16

The 2020 Census and North Carolina

Instructor: Mike Cline

Counting a nation of over 331 million people is an onerous task. The COVID-19 pandemic, the Trump administration's insistence on adding a citizenship question, and other factors made counting “everyone once, only once, and in the right place” even more difficult in 2020. This class will provide an overview of how the US Census is conducted, the challenges and successes of the 2020 census enumeration, what we know about the quality of the count, and when and how the results of the 2020 Census have been and will be reported. We will also discuss the importance of the census for programs other than political apportionment and redistricting.

Recommended Reading (Optional): *The American Census: A Social History*, Margo Anderson

Instructor: *Mike Cline*, Ph.D., Applied Demography UT-San Antonio; M.A., Kansas State University; B.A., Texas Tech University in Geography; author and co-author of several books, book chapters, and articles including *Population Change in the United States* and *Challenges in the Analysis of Rural Populations in the United States*.

Course #: MCE-LLI-1-121 **Instance #:** 000001 **Four Sessions:** 11 a.m.-12:30 p.m. **Dates:** Jan. 31, Feb. 7, 14, 21 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Jan. 30

It's Political: Films About Politics From All Over the World

Instructor: Lewis Beale

It's no secret that politics has been a favorite subject for filmmakers. From "The Birth Of A Nation" to "Mr. Smith Goes To Washington," "All the President's Men" to "Judas and the Black Messiah," politics has been in the cinematic mix. This course will feature political films from several countries, including Greece, Italy, Germany and the U.S. A discussion will follow each screening. These films explore political issues from the 1920s-1970s; current political affairs will not be a focus of this course.

Note: Some of these films contain violence, but not to an extreme degree. If you find cinematic violence of any kind disturbing, 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-1-135 **Instance #:** 000001 **Six Sessions:** 1-4:00 p.m. **Dates:** Jan. 17, 24, 31, Feb. 7, 14, 21 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$75 **Registration Deadline:** Jan. 16

Great Decisions 2023

Instructor: Mike Ganey

This discussion course will cover a different international or foreign policy topic each week. Participants will read a chapter in the Foreign Policy Association's non-partisan briefing book and then come to class prepared to discuss the different sides of the issue. The facilitator will spur discussion along.

The topics (discussed in the order listed):

- Energy Geopolitics
- War Crimes
- China and the U.S.
- Economic Warfare
- Politics in Latin America
- Global Famine
- Iran at a Crossroads
- Climate Migration

Required reading: The OLLI office will purchase a copy of the *Great Decisions 2023* Briefing Book for each participant. The cost of this course includes the eight classroom sessions plus the book. Participants will be notified when the books have arrived in the office and are ready for pickup.

EARLY BIRD PRICING: Register by Dec. 15 to receive the discounted price of \$100. The fee for registrations after Dec. 15 will be \$110.

NOTE: There are two different sections, instances, and facilitators for this course. Choose the instance that best fits your schedule, and check listings for facilitator information.

Facilitator for Section/Instance 000004 on First Term Tuesdays at 1:00pm: Mike Ganey

Facilitator for Section/Instance 000005 on Second Term Tuesdays at 11:00am: Tom Price

Instructor: *Michael Ganey*, B.S. in History; MBA, Darden School of Business at University of Virginia; 40 years in consumer products marketing; OLLI Member; keen interest in current affairs, both domestic and international.

Course #: MCE-LLI-1-080 **Instance #:** 000004 **Eight Sessions:** 1-2:30 p.m. **Dates:** Jan. 17, 24, 31, Feb. 7, 14, 21, 28, Mar. 7 **Limit:** 22 **Location:** McKimmon Center Room 13 **Fee:** \$100 early bird; \$110 after Dec. 15 **Registration Deadline:** Jan. 15

Introduction to Supply Chains

Instructor: Balaji Soundararajan

Supply chains, once considered back office activity, have become more prominent today due to rise in public awareness. This course is designed to provide basic knowledge about activities and complexities involved in supply chain design as well as discuss examples of moderately complex supply chains.

Instructor: *Balaji Soundararajan (Bala)*; currently pursuing Ph.D. in Textile Technology Management at NC State; Bala has more than 15 years designing global supply chains in the functions of procurement, contract negotiations, supply chain operations, security & data analytics.

Course #: MCE-LLI-1-144 **Instance #:** 000001 **Five Sessions:** 3-4:30 p.m. **Dates:** Jan. 24, 31, Feb. 7, 14, 21 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 23

WEDNESDAY

Game Changers: Visual and Performing Artists from Impressionism to Modernism

Instructor: David Lynch

At the turn of the 20th century, innovative ways of thinking and behavior drove painters, choreographers, and composers to find new means of expression. Between 1880 and 1930, long-standing traditions were challenged. Changes in government, national identity, wars, science, mechanics, technology, and fashion were reflected by numerous "isms" (impressionism, expressionism, primitivism, cubism, surrealism, symbolism, neo-classicism, modernism) which broke into the arts. Among the game changers of this period were Debussy, Ravel, Monet, Renoir, Van Gogh, Diaghalev, Stravinsky, Picasso, Schoenberg, Kandinsky, and the new popular style of jazz. As we view artworks and listen to musical compositions, we will examine the lives and influences of these artists who moved from Romanticism to Modernism.

Instructor: *David Lynch*; professor and department head emeritus of music and current adjunct professor, Meredith College; organist-choirmaster emeritus, Christ Church; clergy member, The Church of the Nativity; former chaplain, Rex Hospital and St. Saviour's Outreach Center; Clinician for numerous church music, choral, organ workshops and festivals here and abroad; OLLI member and veteran instructor.

Course #: MCE-LLI-1-142 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Jan. 18, 25, Feb. 1, 8, 15, 22 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 17

The 1920s

Instructor: Carolyn Happer

The years between the end of WWI (Nov. 11, 1918) and the Great Crash (Oct. 29, 1929) were a time of change, turbulence, and enthusiasm. The radio and "talkies," home appliances, short skirts and short hair, jazz, sexual liberation, and, above all, the Model T and Model A Ford were radically altering daily life. In addition to the uncertainties that accompanied change, it was a decade beset with problems: the Red Scare, labor strikes, nativism, a new KKK, political scandals, Prohibition, the Wall Street Crash of 1929, and an introduction to the culture wars to come. But despite the problems and uncertainties, it was a time of enthusiasm for sports (Babe Ruth), celebrities (Charles Lindbergh), and fads (flagpole sitting). It was a decade that seems both familiar and relevant.

Instructor: *Carolyn Happer*; received her Ph.D. from Duke University; she was at Meredith College for 30 years where she taught Southern history, American history, Western Civilization and Holocaust Experiences.
Course #: MCE-LLI-1-114 **Instance #:** 000001 **Five Sessions:** 11 a.m.-12:30 p.m. **Dates:** Jan. 18, 25, Feb. 1, 8, 15 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 17

FUNDamentals—Building Blocks for the Actor

Instructor: Jerome Johnson

Explore the basic building blocks of acting in this participatory performance course. Study essential acting concepts and apply them in short, simple two-person scenes and exercises. These short scene studies will provide limited detail on character and storyline emphasizing the importance of making strong, creative choices to breathe life into the written word. The course will explore how the commitment to the actor's choices impacts the direction and energy of a scene. Additional goals of the class will be to increase self-awareness and confidence in presentational skills. Although the course is designed for the beginning actor, all levels of experience are welcome.

Note: Memorization of the short scenes will prove useful to the participants in order to focus on applying the basic acting terminology rather than concerns over text.

Instructor: *Jerome Johnson*; B.A. degree in Music/Theatre from St. Andrews University and an MFA degree in Acting and Directing from the University of NC at Greensboro; he has also studied at the American Academy of Dramatic Arts and The Neighborhood Playhouse in NYC; Jerome Johnson is a thirty-year professional educator in communication and theatre arts in the NC Community College System being honored as "Outstanding Instructor" at Vance-Granville Community College and Wake Tech Community College; he has a wide variety of acting experience including off-Broadway theatre, children's theatre, light opera, musical theatre, outdoor drama, and dinner theatre, touring extensively throughout the US and Canada; he also served for 4 years in the NC Visiting Artists Program.

Course #: MCE-LLI-1-134 **Instance #:** 000001 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Jan. 18, 25, Feb. 1, 8, 15, 22 **Limit:** 12 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 17

All the World's a Mystery: Crime Fiction Set in Faraway Lands

Instructors: Sara Johnson, Phyllis Demko, Sarah Stewart Taylor, M.A. Monnin, David Wagner

One result of reading mystery stories set in other countries is learning about the culture, customs, food and geography of lands different from our own. In this course we will explore mystery novels with faraway settings and note how setting functions integrally with the story. Several published authors, including instructor Sara E. Johnson, will describe how they do research for depicting accurately people and places in their stories. We will learn about some authors whose characters work in Scotland, England, and France. This class will feature guest presenters Sarah Stewart Taylor, writer of stories set in Ireland; M. A. Monnin, a novelist of works set in Greece; and David P. Wagner, who sets his stories in Italy. A reading list of mysteries set around the world will be provided and enhanced by suggestions from class members.

Recommended Reading (Optional): *The Bone Track*, Sara Johnson; *The Drowning Sea*, Sarah Stewart Taylor; *Death in the Aegean*, M.A. Monnin; *Cold Tuscan Stone*, David Wagner.

Instructor: *Sara E. Johnson*; a mystery writer who spent a year exploring wondrous New Zealand; everywhere she snooped, there was a mystery that needed writing; *Molten Mud Murder*, Sara's debut novel, was published in 2019 by Poisoned Pen Press/Soucebooks; it is the first in the Alexa Glock Forensics Mysteries set in New Zealand; *The Bones Remember* and *The Bone Track* followed; *The Bone Riddle* comes out June, 2023.

Instructor: *Phyllis Demko*; has taught literature courses for OLLI since 2013; her career was in university administration and teaching; in retirement she has focused on reading for well-being and has a special interest

in the mystery genre, including the interweaving of espionage and politics; she loves to travel to new places and enjoys placing fictional characters in the locations she is experiencing.

Instructor: *Sarah Stewart Taylor*, author of the *Sweeney St. George* Series and the *Maggie D'arcy* series; educated at Middlebury College in Vermont and Trinity College in Dublin, studied Irish Literature

Instructor: *M.A. Monnin*; debut novel is *Death in the Aegean*; like her heroine, she loves the adventure of foreign travel; USAF veteran; received a BFA from University of Missouri, Kansas; her non-fiction endeavors include the article "Embracing the Sphinx: Ancient Egypt in Belgravia: A London Magazine" in *Nineteenth-Century Contexts*, as well as articles on gardening, detective fiction and radio drama.

Instructor: *David P. Wagner*, retired foreign service officer who spent nine years in Italy; his first novel was *Cold Tuscan Stone*, featuring bilingual and dual-national amateur sleuth Rick Montoya; the next in the series, *Best Served Cold*, set in Assisi, Italy, will be out next year.

Course #: MCE-LLI-1-137 **Instance #:** 000001 **Six Sessions:** 1-2:30 p.m. **Dates:** Jan. 18, 25, Feb. 1, 8, 15, 22 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 17

Six Uncommon Civil War Questions and Answers

Instructor: Matt Farina

This course will provide some answers to questions about people and events of the Civil War. Among topics to be discussed are the deaths of Thomas Jonathan "Stonewall" Jackson, Joshua Chamberlain, and Abraham Lincoln's law clerk. Learn about the only female to be awarded the Medal of Honor, and what caused the end of the British Navy. What was baseball's mythical association with Fort Sumter?

Recommended Reading (Optional): *Gods and Generals*, Jeff Shaara; *Killer Angels*, Michael Shaara

Instructor: *Matt Farina*; B.S., University of Rochester; M.D., Albany Medical College; completed an internship and residency in Pediatrics at Albany Medical Center and a fellowship in Pediatric Cardiology; Major, Medical Corps, U.S. Army; Commendation Medal for teaching; pediatric cardiologist (AMC & AMCH 1975-2007); assistant professor, Associate Professor, Clinical Professor of Pediatrics (AOA Society, Golden Apple Awards, Urizar Outstanding Teacher Award in Pediatrics, 40 published papers, abstracts, scientific presentations.

Course #: MCE-LLI-1-127 **Instance #:** 000001 **Six Sessions:** 1-2:30 p.m. **Dates:** Jan. 18, 25, Feb. 1, 8, 15, 22 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 17

Learn to Play Mah Jongg

Instructors: Adele Rogan, Tina Certo

Mah Jongg is a fun, fascinating rummy-like game played with tiles. It requires skill, strategy, calculation and a little luck. You will learn the American style of Mah Jongg which was standardized in 1937 by the National Mah Jongg League in New York. This class will cover the fundamentals: the history, the tiles, terminology, rules and play. To participate in this class, you will need a National Mah Jongg League 2022 card. The instructor will have cards available for purchase at the first class session for approximately \$5.

Instructor: *Adele Rogan*; avid Mah Jongg player, having played for over 20 years; she received a B.S. in Home Economics from Framingham State College and an AAS in Nursing from Maria College; OLLI member since 2015 and currently chair of OLLI's Hospitality Committee; Adele and husband Matt have lived in Cary since 1993.

Instructor: *Tina Certo*; B.A. in Communications from Fordham University and MLS from UNC Chapel Hill; retired Project Manager and Integrative Health Coach; OLLI member since 2014; coordinates OLLI's Psychology, Philosophy, Religion and Lifestyle, General, Health subcommittees; serves on the Program Development Committee and Advisory Council; 2022 recipient of OLLI's Volunteer of the Year Award; originally from N.Y. she has enjoyed living in N.C. since 1974.

Course #: MCE-LLI-1-129 **Instance #:** 000001 **Six Sessions:** 3-4:30 p.m. **Dates:** Jan. 18, 25, Feb. 1, 8, 15, 22 **Limit:** 16 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Jan. 17

Cancelled - Francis Asbury: "Prophet of the Long Road"

Instructor: Molly White

There were decades in America's history when Methodist Bishop Francis Asbury (1745-1816) was the most recognizable person in America. The statistics that tell his life's story show evidence of a man of faith, a proud new American, and popular preacher and pastor. 600 Methodist members in 1771 grew to 200,000 by 1816. His horseback travel averaged over eight miles a day, and he delivered over 10,000 sermons from the Carolinas to Maine. More than a thousand children were named after him. Asbury changed the American religious landscape from its colonial European roots to a truly American expression of faith. He was America's first evangelist. In this offering, we will explore Asbury's life and legacy in American religious life.

Instructor: *Rev. Molly White*; Ordained Elder in the NC Conference of The United Methodist Church; currently she is appointed as the Pastor of Spiritual Formation at Hayes Barton UMC in Raleigh; she is a self-professed Anglophile, a lover of a good, strong cup of tea, and a Methodist history nerd.

Course #: MCE-LLI-2-072 **Instance #:** 000001 **Three Sessions:** 3-4:30 p.m. **Dates:** Feb. 8, 15, 22 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Feb. 7

THURSDAY

Shakespeare's Women

Instructor: Ian Finley

This course will provide an exploration of Shakespeare's heroines and villainesses, as revealed through his incomparable language.

Recommended Reading (optional): *Thinking Shakespeare*, Barry Edelstein

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

Course #: MCE-LLI-2-066 **Instance #:** 000001 **Three Sessions:** 9-10:30 a.m. **Dates:** Feb. 2, 9, 16 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Feb. 13

Elder Fraud--Don't Get Scammed!

Instructors: Stuart Saunders, Megan Fullwood

North Carolina is ground zero for scams that prey on older adults. This course will discuss the most prevalent of these scams, explaining how they work and what to look out for to avoid being victimized. The presenters will share real stories about recent scams that have targeted North Carolinians, including romance scams, lottery scams, and home improvement scams. Discussion will focus on tangible steps older adults can take to protect their assets from criminals who operate online, by phone, and by knocking on doors.

Instructor: *Stuart (Jeb) Saunders*; Special Deputy Attorney General in the Consumer Protection Division of the North Carolina Department of Justice; he is the director of the Elder Fraud Unit within the Consumer Protection Division.

Instructor: *Megan Fuller*; Consumer Protection Specialist in the Consumer Protection Division of the North Carolina Department of Justice; she is a member of the division's Elder Fraud Unit.

Course #: MCE-LLI-2-073 **Instance #:** 000001 **Two Sessions:** 11 a.m.-12:30 p.m. **Dates:** Feb. 16, 23 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$30 **Registration Deadline:** Feb. 15

“The Golden Age of Radio” and American Music in the Postwar Era

Instructor: Marilyn Lynch

During the Golden Age of Radio (1935-1945) Americans gathered in their living rooms to hear music, news, and entertainment. Using the Woody Allen film “Radio Days” as a vehicle, we will listen to the songs and big band swing that documented the World War II era. In the postwar years, vocalists like Sinatra, Crosby, and Doris Day sang the songs of Cole Porter, Irving Berlin, and Rodgers and Hammerstein. Musical theater and the folk-music revival addressed social issues. Country music moved to the forefront and “new jazz” moved to the concert stage as American music evolved. Technologies for recording and transmitting musical sound were introduced and radio broadcasting, in addition to the older AM, now offered FM to achieve better sound quality. And everyone had a portable radio!

Instructor: *Marilyn Lynch*; retired Teaching Associate Professor, Music Department, NC State; recipient of the University Outstanding Extension Award; educator, lecturer, and performer in area colleges, churches, social and civic organizations; Bachelor of Music in Education, Syracuse University; Master of Arts in Theory, Eastman School of Music, University of Rochester; veteran OLLI instructor.

Course #: MCE-LLI-1-141 **Instance #:** 000001 **Six Sessions:** 1-2:30 p.m. **Dates:** Jan. 19, 26, Feb. 2, 9, 16, 23 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 18

At Home in the Universe

Instructor: Brand Fortner

The search for meaning and purpose has been inward, looking towards ourselves for answers. In this course, we look outward at the universe for discussions of our existence. We start with a survey of current knowledge of stars, galaxies, and the universe, and then discuss the great outstanding cosmological questions: What is dark matter? What is dark energy? What is the nature of black holes? How did the universe begin and how will it end? We will ask questions about exoplanets & exolife, multiverses, and the role of intelligence in the cosmos. We end with a far-ranging discussion of the need for our species to explore, survive, and thrive in order to find purpose and meaning in this cosmos. The answer is not here; it is out there.

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

Course #: MCE-LLI-1-128 **Instance #:** 000001 **Six Sessions:** 3-4:30 p.m. **Dates:** Jan. 19, 26, Feb. 2, 9, 16, 23 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Jan. 18

FIRST TERM LECTURES

MONDAY

Balancing Food Safety with Reducing Food Waste

Instructor: Ellen Shumaker

This lecture will provide food safety information for consumers at home to reduce risk of foodborne illness and will cover topics such as ways to reduce cross contamination, temperatures for storing and cooking food, and other safe handling practices. We will also explore what various date labels mean (sell by, use by, best by) in an effort to maximize food safety and quality while reducing food waste.

Instructor: *Ellen Shumaker*, Ph.D., Food Science, NC State; currently the Director of Outreach and Extension for Safe Plates at NC State; former food safety scientist at RTI International.

Course #: MCE-LLI-3-123 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Jan. 30 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Jan. 29

Perdurabo: The Life of Aleister Crowley

Instructor: Richard Kaczynski

Controversial Edwardian occultist, poet, author, mountaineer, spy, leader of two secret societies, and founder of his own religious philosophy called Thelema, Aleister Crowley (1875-1947) continues to fascinate 75 years after his death, even as his life and works have increasingly become the subject of serious academic study. This lecture will examine his larger-than-life biography, and show that the truth is even more fascinating than the many urban legends and misunderstandings which surround him and his creed of "Do what thou wilt shall be the whole of the Law. "

Recommended Reading (Optional): *Perdurabo: The Life of Aleister Crowley*, Richard Kaczynski; *The Weiser Concise Guide to Aleister Crowley*, Richard Kaczynski

Instructor: *Richard Kaczynski*; Ph.D. in social psychology with a minor in statistics from Wayne State University, Detroit, 1993; WSU School of Medicine faculty 1993-2003; University of Detroit Mercy adjunct faculty 1995-present; Yale University School of Medicine staff/affiliate 2003-present; VHA statistician, 2005-present.

Course #: MCE-LLI-3-139 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Feb. 6 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$15 **Registration Deadline:** Feb. 5

Via Zoom – Evening Lecture - An Interesting Life in Special Effects

Instructor: Fred Buchholz

Join Special Effects Coordinator Fred Buchholz for an inside look at special effects in film and television. Fred worked on Broadway, spent 20 years with the Jim Henson Company and worked on many interesting feature films and television shows. His favorite projects include *The Muppet Christmas Carol*, *Muppet Treasure Island*, *Julie and Julia*, *Inside Man*, *Annie*, *Sex and the City*, *Fraggle Rock*, *The Sopranos* and *Pose*. Watch film clips from selected projects, learn how the magic happened, and ask questions about your favorite films.

Instructor: *Fred Buchholz*; B.A. in Theatre Tech SUNY Purchase; 20 Years Jim Henson Company; 15 years Special Effects Coordinator Feature Films and Television; 5 Emmy Awards.

Course #: MCE-LLI-3-147 **Instance #:** 000001 **One Session:** 6-7:30 p.m. **Date:** Feb. 6 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Feb. 2

Resilience: Being a Woman in Public Service with Secretary of State Elaine Marshall

Instructor: Hon. Elaine Marshall

Secretary of State Elaine Marshall will speak about the stumbling blocks and stepping stones of her life in public service, and the importance of coalition building as well as the past, present, and future for women seeking public office. Secretary Marshall will also talk about the vital role the Secretary of State's Office has in facilitating business growth and helping usher in what many are calling a new era of homegrown entrepreneurship in North Carolina.

Instructor: *Hon. Elaine Marshall*; Campbell School of Law; first woman elected to a statewide, executive branch office in NC, previously elected to the NC Senate; served as President of the National Association of Secretaries of State; former teacher, small business owner, and private practice attorney; under her administration, more than 1.7 million businesses have been formed, she has pioneered e-commerce in government, protected investors and intellectual property owners, and promoted financial capital formation in North Carolina.

Course #: MCE-LLI-3-148 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Feb. 20 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$15 **Registration Deadline:** Feb. 18

TUESDAY

Metals in Our Lives

Instructor: Bob Edwards

Metals have many uses and are infinitely recyclable. In modern life, we use countless objects every day, many made of various metals and by metal tools and metal-based processes. Every technological advance involves some engineering of one or more metallic element. Using everyday language, this lecture will describe the metals we encounter daily, the properties of metals, the processes by which they are produced, and how mankind came to discover and make use of these materials.

Instructor: *Bob Edwards*; B.S. and M.S. degrees from NC State; professional engineer for 40 years; 16 years of engineering practice and foundry management before returning to graduate school; 26 years of teaching, consulting and program administration in NC State's College of Engineering; recipient of Order of the Long Leaf Pine.

Course #: MCE-LLI-3-028 **Instance #:** 000002 **One Session:** 11 a.m.-12:30 p.m. **Date:** Jan. 17 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Jan. 16

Mary Pickford: The Brightest Star

Instructor: Katherine Meyer

In her time, film star Mary Pickford was the most famous woman in the world. Worshipped by her adoring fans, Pickford did more than embody Hollywood – she invented Hollywood. In the earliest days of cinema, Pickford and her colleagues built an empire from the ground up, and her real-life story is as compelling and cinematic as any epic film. In an era when women had few opportunities, “Little Mary” rose from childhood poverty to an unprecedented level of power and wealth. But what was the secret to her success? Come along on a journey to the past, as we uncover the life, career, and far-reaching influence of Mary Pickford, emphasizing the impact of such individuals as Douglas Fairbanks, Charlie Chaplin, D.W. Griffith, and Charlotte Hennessey.

Instructor: *Katherine Meyer*, author, educator, and historian; has been a docent and historical interpreter since she was nine years old; after college, she continued her studies of American Cultural History, taught for ten years, and launched a series of American history lectures; she is the author of two historical fiction novels: *Grosvenor Square* and *Nine Miles North*.

Course #: MCE-LLI-3-131 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Jan. 24 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Jan. 23

WEDNESDAY

Spring Kick Off Lecture -- Public Art: Telling Community Stories with Thomas Sayre

Instructor: Thomas Sayre

This lecture will show and discuss examples of a variety of public art projects designed and built by Thomas Sayre and colleagues. Each of the projects are site specific and tell stories which are unique to the site and community around the artwork. Additionally, there will be discussion about the underlying ideas behind how Sayre works on both large and small scale projects.

Recommended Viewing (Optional): PBS 56 minute documentary titled "Earth Caster" -

<https://www.pbs.org/video/unc-tv-presents-earthcaster/>

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

Instructor: *Thomas Sayre*; known for his large, landscape-scale "earth castings", Mr. Sayre works actively as a sculptor with commissioned work across the U.S. including Baltimore, Portland, Oregon, Ft. Lauderdale, Phoenix, Denver, San Jose, and Albuquerque. International sites include Istanbul, Phuket, Hong Kong, Calgary, and Australia.

Course #: MCE-LLI-3-056 **Instance #:** 000002 **One Session:** 2-3:30 p.m.; refreshments 3-3:30 p.m. **Date:** Jan. 11 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$0 **Registration Deadline:** Jan. 10

The History of Toilet Paper

Instructor: Gary Moore

Were corn cobs really used as toilet paper in colonial America? The answer is yes, plus other items such as mussel shells in coastal areas and coconut husks in Hawaii. In this presentation, we trace the development of toilet paper and look at other materials that have been used over time. Among the things we will learn are where toilet paper was invented, and why the first American toilet paper was not well accepted. We will also discover the way toilet paper should really be placed on the toilet roll holder!

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-3-048 **Instance #:** 000002 **One Session:** 11 a.m.-12:30 p.m. **Date:** Feb. 22 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Feb. 21

From *All the President's Men* to *Confidence Man*: The Impact of Journalists' Books on Political Culture

Instructor: David McLennan

The Woodward and Bernstein 1974 book *All the President's Men* is considered such an important book covering the Nixon administration and Watergate that it became the "news" as much as the events it covered. In recent years, dozens of prominent journalists have written books about Donald Trump and his administration. The question is: will any of these books have the impact of *All the President's Men*? This session will cover the phenomenon of journalists publishing bestselling accounts of presidents. We will also have a discussion of two of the most recent and popular books: Peter Baker and Susan Glasser's *The Divider* and Maggie Haberman's *Confidence Man*.

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-3-145 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Jan. 18 **Limit:** 150 **Location:** McKimmon Center TBD **Fee:** \$15 **Registration Deadline:** Jan. 17

A Raleigh Neighborhood: 100 Year Old Hayes Barton

Instructor: Terry Henderson

Hayes Barton is an example of the American growth experience. Local resident Terry Henderson wrote of this historic neighborhood in his 2020 book *Hayes Barton @100: Stories of the People, Places, and Events That Shaped Raleigh's Premier Neighborhood*. While others have written of Raleigh's early days and founders, Henderson gives us insight into a later chapter of the city's development and of people who have been important to this community. You will learn many interesting aspects about this exceptional neighborhood that was born in the era of Prohibition, women's suffrage, and the Roaring Twenties. Stories of the people introduce us to some fascinating characters, many of whom we know about but never associated with Hayes Barton.

Those of us who came to the neighborhood when it was fully developed now can enjoy learning about events that shaped its character. A chronology at age one hundred is a valuable contribution to us all.

Instructor: *Terry Henderson*; retired, author of four books of biography and history; graduate of UNC-CH, English/Political Science, Masters in Public Administration; former director of business development for Lockheed Martin in defense and national security; North Carolina native from Hickory and a long time resident of Hayes Barton.

Course #: MCE-LLI-3-134 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Jan. 25 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Jan. 23

Cancelled - How to Troubleshoot Almost Anything

Instructor: Doug Hall

We live in a world of complex devices. Nearly every day we encounter something that refuses to work, stops working, or works intermittently. Effectively determining what is wrong, or “troubleshooting” these devices is a valuable but elusive skill. In this lecture, we will discuss troubleshooting methods that go beyond just turning things off and back on again or hitting or kicking the device, and we’ll outline a logical approach to determining why things don’t work as they should.

Instructor: *Doug Hall*; B.S., Electrical and Computer Engineering, NC State; engineer and technologist who has worked in the communications and signal processing industry; has spent the last 40+ years using, praising, and cursing computers; entrepreneur and inventor who holds multiple patents in a variety of technologies; amateur Ham radio enthusiast/broadcaster, and Pawpaw; newly retired and loving it.

Course #: MCE-LLI-3-093 **Instance #:** 000002 **One Session:** 3-4:30 p.m. **Date:** Feb. 1 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Jan. 31

THURSDAY

Homelessness in Wake County

Instructor: Kim Crawford

Homelessness is a result of vulnerable populations colliding with broken systems. Cities and counties are demonstrating that these systems can be fixed, and homelessness can be solved. In many cases, communities are set up to manage homelessness, but not to end it for everyone who is experiencing it. We need action to realign systems and resources to end, rather than manage, homelessness. Our local community is making strides to end homelessness. Find out what you can do to be part of the solution.

Instructor: *Kim Crawford*; B.S. in Business Administration, M.S. in Corporate Communication, M.A. in Religion and Theology from United Theological Seminary of the Twin Cities; she has held numerous executive level positions with the Raleigh Wake Partnerships, NC DHHS, Allied Churches (Burlington NC) and Life House (Duluth MN).

Course #: MCE-LLI-3-142 **Instance #:** 000001 **One Session:** 9-10:30 a.m. **Date:** Jan. 26 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Jan. 25

Heart Disease: Risk Factors and Modification

Instructor: Misty Carroll

Heart disease is one of the leading causes of death in America. Many things contribute to the development of heart disease. This course will look at the risk factors for heart disease and modifications that can be made to prevent or decrease your risk for a heart attack and/or heart failure.

Instructor: *Misty Carroll*; BSN from Winston Salem State University; over 33 years of experience in the medical field, worked as a Paramedic prior to her nursing career; currently works at WakeMed as a Cardiovascular Patient Educator with Heart Administration and has an extensive cardiac background including ICU, medical cardiac acute care as well as cardiovascular surgical patients.

Course #: MCE-LLI-3-140 **Instance #:** 000001 **One Session:** 9-10:30 a.m. **Date:** Feb. 23 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Feb. 22

Via Zoom - What It Was: Growing Up When the Music Mattered

Instructor: James Pagliasotti

The Classic Era of rock 'n' roll music was a time of incredible creativity in the arts and in artful ways of living. It was a tumultuous time, too, when struggles over civil rights, the Vietnam war, political assassinations, and gender equity sometimes made it seem the world was coming apart. The music helped us get through it. It gave us a voice, an anthem, a gathering place where we shared our dreams and our fears. This is a memoir of those times by a writer with press credentials and a backstage pass.

Required Viewing: <https://youtu.be/2ztvux-JwfY>

Recommended Reading (Optional): <https://www.amazon.com/gp/product/1736912917/>

Instructor: *James Pagliasotti*; the first rock 'n' roll columnist for *The Denver Post*; he has written for numerous publications, holds honorary degrees and military rank, was policy director at State of Colorado under three lieutenant governors, and was the recipient of a secretarial appointment to the U.S. Dept. of Transportation space advisory committee.

Course #: MCE-LLI-3-124 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Feb. 16 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Feb. 13

FRIDAY

Via Zoom - Advancing Technology: Connection between Cryptology and Technology

Instructor: Jennifer Wilcox

This lecture examines the intertwined relationship between cryptology and technology. Throughout American history, advancements in one pushed the development in the other. The need for secrecy or understanding secrets pushed developments in communication and computers. At the same time, advancements in those technologies forced improvements in cryptologic systems as well.

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-3-125 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Jan. 27 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Jan. 23

Vinyl Records and the Evolution of Dance Music

Instructor: Nathan Kotecki

The vinyl record format, and in particular what is known as the 12" single, played an intrinsic role in the evolution of dance music genres, from disco to house to techno and beyond. The techniques club DJs used to mix songs together to keep a dance floor going prompted significant changes in the way music was made. In this lecture, we'll explore the way dance music on vinyl evolved from the 1970s through the digital era, with a demonstration of the classic beat-matching technique that has become the standard for dance music today.

Instructor: *Nathan Kotecki*; holds degrees in Architecture and Creative Writing; he began DJing and building his vinyl collection in high school; currently he is a resident DJ at the Wicked Witch in Raleigh and is the only goth DJ in the Triangle who still spins on vinyl.

Course #: MCE-LLI-3-126 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Feb. 10 **Limit:** 49

Location: McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Feb. 9

Via Zoom - Strategies to Combat Global Agricultural Food Waste

Instructor: Marvin Moncada

Agricultural food waste accumulation is a major global challenge that invokes ethical responsibilities of industries to innovate environmentally and economically sustainable methods of waste management. An estimate of annual food waste is about 1.4 billion tons globally, of which 40 million tons are attributed to the United States. Several strategies to tackle this monumental task of reducing food waste have been explored such as recycling, composting for fertilizer, animal feed, or repurposing the waste for different products. A revalorization by upcycling seems to be the most promising and profitable. Upcycling transforms low-value foods or food processing byproducts into higher-value ingredients and products. This lecture will discuss the primary focus of our lab at the NC Research Center: to re-invent waste materials and upgrade existing food materials into functional food ingredients. This includes but is not limited to plant-based protein concentrate production, rare sugar recovery, lipid recovery and bioactive extraction.

Instructor: *Marvin Moncada*; received his B.S. in Food Technology and Engineering from Zamorano University, Honduras in 2005 and his M.S and Ph.D. in Food Science & Nutrition from Louisiana State University; he joined NC State University in 2020, following six years as a food scientist and plant manager at the Louisiana State University AgCenter Food Incubator; research interests focus on alternative and innovative food ingredients technology from upcycling plants, fruits, vegetables and grains; his responsibilities include working with plant-based food processors to accelerate the growth of food processing and the generation of value-added products that diversify and expand the manufacturing of safe and nutritious foods in North Carolina.

Course #: MCE-LLI-3-146 **Instance #:** 000001 **One Session:** 1-2:30 p.m. **Date:** Jan. 27 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Jan. 23

SECOND TERM MULTI-WEEK CLASSES

MONDAY

Battles of the American Revolution 1781

Instructor: Dave Milidonis

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

Course #: MCE-LLI-1-113 **Instance #:** 000002 **Six Sessions:** 9-10:30 a.m. **Dates:** Mar. 13, 20, 27, Apr. 3, 10, 17 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 12

Introduction to Controlled Environment Agriculture

Instructors: Trevor Spear, Chip Simmons

This course will provide an inside look at a local controlled environment farm. Controlled environment agriculture is the method of growing produce within a closed ecosystem and managing numerous variables.

The purpose behind this method is to reduce the threat of diseases and pests, maximize efficiency, increase sustainability and yield, and also to bring down the overall operation costs.

Recommended Reading (Optional): <https://www.forbes.com/sites/louisbiscotti/2022/04/19/controlled-environmental-agriculture-cea-the-great-outdoors-gives-way-to-the-great-indoors/?sh=5945ee5e38d3>

Instructor: *Trevor Spear*; Owner, Nanue's Farm, Raleigh, NC; Nanue's Farm grows safe, fresh, clean leafy greens using environmentally responsible methods you can trust; the goal is to reduce Raleigh's dependence on shipped produce by providing food healthier for our planet.

Instructor: *Chip Simmons, III*; Area Specialized Agent, Agriculture - Food Safety, Horticultural Science, NC State Extension.

Course #: MCE-LLI-2-075 **Instance #:** 000001 **Two Sessions:** 9-10:30 a.m. **Dates:** Apr. 3, 10 **Limit:** 20

Location: McKimmon Center Room 13 **Fee:** \$30 **Registration Deadline:** Apr. 1

Loyalists in the American Revolution

Instructor: Becket Soule

Approaching the 250th anniversary of the American Revolution, we will look at the "other side." Approximately one-third of the population in the American Colonies at the time were loyal to the British Crown, with tens of thousands leaving their homes and taking up residence in Canada's eastern provinces, the Caribbean, Sierra Leone, England, and other parts of the British Empire. This course will provide you with the historical context, records, and research strategies for identifying loyalists (even in your family tree), how to access archival and military records, and a look at the situation in North Carolina. Special attention will be paid to loyalist migrations, the so-called "Black Loyalists," and the events that drove thousands of colonists from their homes.

Instructor: *Rev. Dr. Becket Soule*; retired professor of Canon Law at St. Paul's University, Ottawa; pastor of St. Margaret's Catholic Church in Maggie Valley, NC; specializing in medieval and early modern history and law, genealogy, and colonial America; he serves as historian for the NC Mayflower Society and is Secretary of the NC Genealogical Society.

Course #: MCE-LLI-1-122 **Instance #:** 000001 **Four Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 13, 20, 27, Apr. 3 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Mar. 12

Genealogy--Starting with the Basics

Instructor: Barbara McGeachy

Are you eager to learn about your ancestors? Who were they? When and where did they live? How did they fare? This course will teach you how to research your family history in the U.S. We will discuss what records are available and where to find them, which websites and software programs are best, and how DNA can help. We will start with the most common records: U.S. census, vital (birth, marriage, death), and obituaries. Find out how to record and analyze the information you find. Build the skills and knowledge to continue researching and writing on your own.

Instructor: *Barbara McGeachy*; retired Software Engineer; M.S. Computer Science (UNC-CH); 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-1-015 **Instance #:** 000002 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 13, 20, 27, Apr. 3, 10, 17 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Mar. 12

Regenerative Agriculture

Instructors: George Nemezc, George Naderman, Rich Woynicz

Regenerative agriculture focuses on improving soil health by disturbing the soil as little as possible, and keeping the ground covered and planted as much as possible. This improves water retention, crop yield, and nutrition quality while avoiding soil erosion. In addition, this may be the solution to improve CO₂ control in the atmosphere thereby regressing climate change. The first session will be an introduction to the soil ecosystem, followed by a practical farming application and closed with information for organic home gardening.

The Living Soil: Humanity is facing several challenges, including climate change, carbon emission control, and soil erosion. Modern industrial agriculture shows signs of unsuitability due to increased amount of fertilizer pesticides and other chemicals. This course will show alternative farming methods that would address several of these problems. **Presenter:** *Dr. George Nemezc*; Ph.D. CAy; retired professor of Biochemistry, Campbell University School of Pharmacy and School of Osteopathic Medicine at Buies Creek NC.

Crop Production Methods to Reduce Climate Change: This session will explain how conservation tillage can help to sequester carbon within soil, reducing the amount that is released into our atmosphere, a major concern to climate scientists. Examples from the presenter's actual "on-farm" research studies and the effects to crop yield will be shared. **Presenter:** *George Naderman*; Ph.D.; Retired Extension Soil Management Specialist, Department of Crop and Soil Sciences, NC State.

You Are Where You Plant: What is organic gardening? If you use chemicals in the garden, is it considered organic? Can organic gardening be cost effective and sustainable? Where should you use organic controls and maybe where not? What are the benefits to organic gardening – for yourself and the environment? This session discusses how soils, nutrients, soil management, and use of controls impacts how you garden and how our choices affect our environment, now and in the future. **Presenter:** *Rich Woynicz*; certified Wake County Master Gardener Volunteer and leads and volunteers at numerous community gardens in Wake County; he has a 1/4-acre garden of his own.

Course #: MCE-LLI-2-074 **Instance #:** 000001 **Three Sessions:** 1-2:30 p.m. **Dates:** Mar. 13, 20, 27 **Limit:** 20
Location: McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Mar. 11

Life on the International Space Station

Instructor: Marc Fusco

In this class we will take an in-depth look at the wonders of the International Space Station: how it was made, how it functions, and what life is like for the men and women who live onboard the greatest (and most expensive) machine that humankind has produced. Since launching the first module in 1998 to its completion in 2011, the ISS remains the most complex building project ever attempted and has yielded answers to some of the universe's deepest secrets. Together we will explore the history of the project, how it functions as a safe haven for humans 250 miles up in space, how it all came together piece by piece over the course of 43 launches and thirteen years, and what its future holds.

Instructor: *Marc Fusco*; M.A., M.S., NASA Ambassador and space historian; Marc has several degrees in Medieval and Renaissance Literature and History, and an M.S. in Space Studies, where he majored in space policy and history; he has taught at Arizona State, Duke, and UNC; Marc has worked as a commercial space analyst and is currently a NASA Ambassador in Raleigh; author of *Presidents, Politics, and Policy: How the Apollo and Shuttle Decisions Shaped NASA*.

Course #: MCE-LLI-2-063 **Instance #:** 000001 **Three Sessions:** 1-2:30 p.m. **Dates:** Apr. 3, 10, 17 **Limit:** 20
Location: McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Apr. 2

TUESDAY

Reconstruction and its Aftermath in North Carolina, 1863-1900

Instructor: Joe Mobley

The course will explore the post-Civil War period in North Carolina. It will feature a discussion of the Reconstruction era (1863-1877) and the Federal government's efforts to reconstruct the nation and ensure justice and political rights for newly liberated African American slaves, including the Thirteenth, Fourteenth, and Fifteenth Amendments to the U.S. Constitution. It will also discuss the post-Reconstruction backlash of the White Supremacy movement that led to segregation in the form of Jim Crow laws and the disenfranchisement of African Americans in the South.

Instructor: *Joe Mobley*, recently retired from teaching in the Department of History at NC State and has authored several books related to the history of North Carolina.

Course #: MCE-LLI-1-126 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Mar. 14, 21, 28, Apr. 4, 11, 18 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 13

Great Decisions 2023

Instructor: Tom Price

This discussion course will cover a different international or foreign policy topic each week. Participants will read a chapter in the Foreign Policy Association's non-partisan briefing book and then come to class prepared to discuss the different sides of the issue. The facilitator will spur discussion along.

The topics (discussed in the order listed):

- Energy Geopolitics
- War Crimes
- China and the U.S.
- Economic Warfare
- Politics in Latin America
- Global Famine
- Iran at a Crossroads
- Climate Migration

Required reading: The OLLI office will purchase a copy of the *Great Decisions 2023* Briefing Book for each participant. The cost of this course includes the eight classroom sessions plus the book. Participants will be notified when the books have arrived in the office and are ready for pickup.

EARLY BIRD PRICING: Register by Dec. 15 to receive the discounted price of \$100. The fee for registrations after Dec. 15 will be \$110.

NOTE: There are two different sections, instances, and facilitators for this course. Choose the instance that best fits your schedule, and check listings for facilitator information.

Facilitator for Section/Instance 000004 on First Term Tuesdays at 1:00pm: Mike Ganey

Facilitator for Section/Instance 000005 on Second Term Tuesdays at 11:00am: Tom Price

Instructor: *Tom Price*; BSEE and MBA, Duke University; retired entrepreneur and investor; OLLI member; recipient of OLLI volunteer award, 2011; veteran OLLI instructor.

Course #: MCE-LLI-1-080 **Instance #:** 000005 **Eight Sessions:** 11:00 a.m. – 12:30 p.m. **Dates:** Feb. 28, Mar. 7, 14, 21, 28, Apr. 4, 11, 18 **Limit:** 22 **Location:** McKimmon Center Room 13 **Fee:** \$100 early bird; \$110 after Dec. 15 **Registration Deadline:** Feb. 26

Quantum Physics: A Historical View

Instructor: Donald Ellison

On a fundamental level, quantum physics determines the nature of atoms, molecules, and indeed the entire world we live in. The physics making our modern world possible, like cellphones, TVs, and computers, often seems bizarre and to defy common sense. This course covers efforts over the last century to discover the basic physical principles of the microscopic quantum world with emphasis on central ideas and the major personalities involved. Mathematics is the language of science but, while some math is presented in this course, the majority of the ideas should be understandable with a limited math background.

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; recent work includes the nonlinear modeling of the production of magnetic turbulence in shocks using Monte Carlo computer simulations.

Course #: MCE-LLI-1-117 **Instance #:** 000001 **Four Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 14, 21, 28, Apr. 4 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Mar. 13

1939 - The Greatest Year in Hollywood

Instructor: Stan Darer

This course will examine why 1939 is recognized as Hollywood's greatest year. Over the course of six sessions, Stan will cover some Hollywood blockbusters like "Gone With The Wind", "The Wizard of Oz" and "Mr. Smith Goes to Washington" along with many other great films. We will have the opportunity to see film clips and talk about the actors and the people behind the camera that created this amazing run of movies. We will discuss 18 films made during this amazing year.

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 Volunteer of the Year award.

Course #: MCE-LLI-1-132 **Instance #:** 000001 **Six Sessions:** 1-2:30 p.m. **Dates:** Mar. 14, 21, 28, Apr. 4, 11, 18 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 13

How to Make Friends with the Tarot

Instructor: Beth Owl's Daughter

What is the Tarot? Where did it come from? Why does it persist into modern times? If you have ever wondered about these beautiful, mysterious cards, join us for an exploration of this centuries-old system that, despite lots of misunderstanding, is enjoying a new popularity in the 21st century. We will discuss the truth about the origins of the Tarot; the basics of the Tarot deck, including the Suits, the Court cards, and the Major and Minor Arcana; your personal Tarot birth cards; and some techniques for nurturing your intuition -- no previous superpowers required! Discover how this centuries-old blend of art, history, esoterica, wisdom, and understanding of the human condition can work in the hands of modern, sophisticated people. A suggested resource list will be shared in the first session.

Instructor: *Beth Owl's Daughter*, has read, written about, and taught the Tarot for over fifty years; she retired last year from her full-time professional consulting practice, but continues to be a passionate advocate for encouraging people to discover this powerful method of self-discovery and healing; she is a member of American Tarot Association, Tarosophy Association, and Tarot Association of the British Isles; founder of one of the world's oldest, largest, most active Tarot Meetups; writes an award winning Tarot newsletter; and is currently writing a book introducing the Tarot's wisdom.

Course #: MCE-LLI-2-004 **Instance #:** 000002 **Three Sessions:** 1-2:30 p.m. **Dates:** Apr. 4, 11, 18 **Limit:** 20
Location: McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Apr. 3

Discussing *Sense and Sensibility*

Instructor: Sue Scott

Jane Austen's first published novel, with its two heroines and ambiguously happy ending, is something of a puzzle to her fans. Published in 1811, *Sense and Sensibility* contains elements of traditional novels of the time, while also looking forward to Austen's revolutionary novels to come. It's packed with memorable monsters such as Fanny Dashwood and Mrs. Ferrars, as well as comic characters like Mrs. Jennings and Charlotte Palmer. We'll discuss all this as well as themes such as money, motherhood, and moderation. Finally, we'll examine the scene that commentator Robert Rodi says is "the most indelibly romantic scene in the book, if not in all of 19th century English literature". The course will be a mix of lecture and discussion.

Required Reading: *Sense and Sensibility*, Jane Austen

Instructor: *Sue Scott*; retired librarian; she has taught classes for OLLI on *Pride and Prejudice* and *Persuasion*; as a member of the Jane Austen Society, she presents programs about Austen's life and novels; most recently, a discussion entitled "Pride, Prejudice, and Peculiarities: The Writing Quirks of Jane Austen."

Course #: MCE-LLI-1-143 **Instance #:** 000001 **Four Sessions:** 3-4:30 p.m. **Dates:** Mar. 14, 21, 28, Apr. 4
Limit: 20 **Location:** McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Mar. 13

Via Zoom - Flora of Lake Johnson

Instructor: Niki Robertson

This course provides an overview of the different families of plants at Lake Johnson, a wooded lake near NC State. Participants will be introduced to iNaturalist and iSeek, online tools for plant identification. Common native and invasive plants will be noted.

Instructor: *Niki Robertson*; Ph.D. in Plant Cell Biology from Cornell University; she taught in the Plant Biology Department at NC State for 26 years before retiring and becoming an avid nature lover.

Course #: MCE-LLI-2-069 **Instance #:** 000001 **Two Sessions:** 3-4:30 p.m. **Dates:** Mar. 28, Apr. 4 **Limit:** 29
Location: Zoom **Fee:** \$30 **Registration Deadline:** Mar. 24

Propagation Techniques for Growing More Plants

Instructor: Cindy Chappell

In this course, we will learn about propagation, starting with seeds, layering, air layering and division. We will work with leaf cuttings and stem cuttings. and have some hands on activities. Explore ways to propagate at home without expensive equipment, with the goal to be able to add plants to your garden or give to friends.

Instructor: *Cindy Chappell*: ECU Art Teacher K-12; Certified Wake County Extension Master Gardener; school system 3 years, wholesale/retail auto parts 35 years, raised exotic birds for 30 years, retired, now teaching weaving and spinning from home; Golden Shovel Award NC State Cooperative Extension, RDCBS Board 5 years, RDCBS Bird Fair Chairman 25 years.

Course #: MCE-LLI-2-065 **Instance #:** 000001 **Two Sessions:** 3-4:30 p.m. **Dates:** Apr. 11, 18 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$30 **Registration Deadline:** Apr. 10

WEDNESDAY

How to Save a Country: Bridging the Political Divide

Instructor: Julie Boler

The United States is undergoing a period of cross-viewpoint hostility rivaling that leading up to the Civil War. Many Americans see those they disagree with about issues, policies, candidates and parties less as fellow citizens with differing perspectives than as enemies determined to destroy the country. Are we doomed to continue on a path leading to increasing unrest and violence, fractured families and friendships, and the deterioration of democracy? Learn about theories, contexts, and impacts of current U.S. political polarization, and how national nonprofit Braver Angels designs and implements programming using a proven approach to bridge-building that doesn't rely on moderation, consensus, or Kumbaya. Gain insight, perspective, a few new skills of your own, and even a little bit of hope for our country's future!

Required Reading: On website BraverAngels.org, under the dropdown menu labeled "Our Story", read sections "The Problem"; "How We Started". and "Our Approach".

Recommended Viewing (Optional): View 50-minute documentary, "Braver Angels: Reuniting America" (<https://youtu.be/u6kZpN5T3IU>)

Instructor: *Julie Boler*, Director of Community Partnerships at Braver Angels; starting as a local volunteer in 2018, she joined the national staff in 2020, and now leads the design and management of Braver Angels partnerships with local-level community organizations nationwide; her background is in community services, training, and political organizing.

Course #: MCE-LLI-1-139 **Instance #:** 000001 **Six Sessions:** 9-10:30 a.m. **Dates:** Mar. 15, 22, 29, Apr. 5, 12, 19 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Mar. 14

The Holocaust : How Did it Start

Instructor: Sheldon Bleiweiss

In a review of social media content during June and July 2021, the UN Department for Global Communications and UNESCO found that 10 percent of posts on Facebook and 15 percent of posts on Twitter that discussed the Holocaust contained denial or distortion content. During COVID-19, anti-vaccination opponents introduced flawed comparisons to the Holocaust in the form of "Not Vaccinated" yellow Stars of David, shirts with slogans like "6MWE", and protests comparing government mandates to Nazi persecution of Jews. The Anti-Defamation League, which tracks antisemitic behavior nationwide, found a 34% increase in antisemitic incidents in 2021 from the year before. Is history repeating itself? Using pictorial evidence of events and videos of survivor testimonies, this interactive course will explore the human attitudes and behaviors that not only led to the murder of six million Jews but are still evident today. The instructor will share the challenges his parents faced surviving in the open using fake identities as non-Jews and what it was like growing up as a child of survivors. Taking lessons learned from the Holocaust, we will explore our own attitudes and behaviors toward others and what we can do to help fulfill the promise of "Never Again."

Instructor: *Sheldon Bleiweiss*; a child of two Holocaust survivors; former docent at Holocaust Museum in Houston; Holocaust educator for over 20 years, including five years as an OLLI instructor; member of the NC State Council on the Holocaust and NC Holocaust Speakers Bureau.

Course #: MCE-LLI-1-124 **Instance #:** 000001 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 15, 22, 29, Apr. 5, 12, 19 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 14

Proven Strategies for Securing Your Retirement Lifestyle

Instructor: Jim Trull

The years leading up to and shortly after retirement are often called the “Retirement Red Zone”. We each are faced with many critical decisions that will shape the security we enjoy and our retirement lifestyle. During this class, we will review some of the most common mistakes retirees make and how to avoid them. We will be covering key topics such as how to maximize your social security benefits and how to avoid disinheriting one or more of your children. Properly coordinating your investments and insurance with your estate plan is critical. We will discuss the risk of living too long and how to repurpose lazy assets to protect you in case of a long term care event. Come learn how to profit from the mistakes of others to secure your retirement lifestyle.

Recommended Reading (Optional): *The New Retirementality*, Mitch Anthony

Instructor: *Jim Trull*; AIF®, CFP® is a graduate of NC State; president of Keystone Financial Partners, an independent wealth management firm in Cary; Jim has earned his CERTIFIED FINANCIAL PLANNER™ (CFP®), Chartered Financial Consultant® (ChFC®), Chartered Life Underwriter® (CLU®), Certified in Long-Term Care (CLTC), and Accredited Investment Fiduciary® (AIF®) designations; Jim is a member of the Financial Planning Association® (FPA®) and has more than 40 years of experience advising clients through life’s most critical transitions such as retirement, loss of a spouse, and coming into sudden money from an inheritance or sale of a business.

Course #: MCE-LLI-2-128 **Instance #:** 000001 **Three Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 15, 22, 29 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Mar. 14

Via Zoom - Reading Toni Morrison's *Song of Solomon*

Instructor: Marjorie Lancaster

The late Nobel Prize winner Toni Morrison left a body of work that delights, educates, inspires, and, at times, disconcerts the careful reader. *Song of Solomon* (1977), her third novel, is considered one of her finest. Both a family saga of the Dead family--their odd surname the result of the carelessness of an intoxicated Freedmen’s Bureau agent during Reconstruction--and a coming-of-age novel that begins with the 1931 birth of the novel’s protagonist, *Song of Solomon* is replete with unforgettable characters, historical analogues, and moral questions that are still relevant today. Guided by the instructor, each week class members will examine 60 pages of the text, looking closely at the ideas present and the way Morrison stylistically conveys them. Morrison’s belief that literature is a collaboration between writer and reader is the bedrock of this discussion-based class.

Required Reading: *Song of Solomon*, Toni Morrison

Instructor: *Marjorie Lancaster*, completed her undergraduate work at Duke and her graduate work at Tulane; since 2015 she has enjoyed teaching OLLI classes; she believes that a good class is fueled by the participants’ curiosity, a guided scrutiny of the text, and inclusive participation that brings out the many facets of the work.

Course #: MCE-LLI-1-138 **Instance #:** 000002 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 15, 22, 29, Apr. 5, 12, 19 **Limit:** 17 **Location:** Zoom **Fee:** \$55 **Registration Deadline:** Mar. 10

GPS - Behind What We Take for Granted

Instructor: Bill Pace

On a daily basis, we use GPS in our car and on our phone. We use this technology to easily get from point A to point B. But just how does all of that work from a conceptual standpoint? What do GPS satellites have to do with Albert Einstein? Explore the concepts behind the ability to find out where you are or how to get to your destination. What spinoffs of this technology do we enjoy every day?

Instructor: *Bill Pace*; B.S. in Engineering from NC State, MBA from UNC Charlotte; after a long career in the IT industry, he enjoys travel, golf and his grandpa time; he is the coordinator of OLLI's Science and Technology subcommittee and regularly instructs for the program, presenting technical topics from a conceptual viewpoint.

Course #: MCE-LLI-2-070 **Instance #:** 000001 **Two Sessions:** 11 a.m.-12:30 p.m. **Dates:** Apr. 5, 12 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$30 **Registration Deadline:** Apr. 4

Introduction to Critical Race Theory (CRT)

Instructor: Tirzah Turner

Critical Race Theory (CRT) is a widely discussed topic that brings with it many opinions and emotions. What is it, why is it controversial, and why does it matter? We will take a look at fact and fiction, misconceptions, different viewpoints, its possible application in other nations, and how to untangle some of the messaging around CRT.

Instructor: *Tirzah Turner*, doctoral student at Drew University in the field of practical theology; MDiv, Gardner-Webb University; B.M. Carson-Newman University; community pastor at a non-denominational church in Cary and has a particular interest in the intersections of culture, justice and religion.

Course #: MCE-LLI-2-064 **Instance #:** 000001 **Two Sessions:** 1-2:30 p.m. **Dates:** Mar. 15, 22 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$30 **Registration Deadline:** Mar. 14

The Secret World of Renaldo Kuhler

Instructor: Brett Ingram

The late Renaldo Kuhler (1931-2013) was a scientific illustrator and self-taught artist who invented an imaginary country as a teenager and illustrated its history for more than six decades. Initially created as an escape, the illustrated history of "Rocaterrania" became a complex, coded, and metaphoric autobiography of a troubled outsider who sublimated his emotions into an astounding body of work. A native of Rockland County, NY, Kuhler spent the last 44 years of his life in Raleigh, 30 of those years as a scientific illustrator for the North Carolina Museum of Natural Sciences. Rocaterrania remained a secret world, unknown to Kuhler's family, friends, and co-workers, until he met documentary filmmaker Brett Ingram. Over the course of a decade, Kuhler gradually revealed his imaginary world to Ingram, as documented in the documentary feature film "Rocaterrania" (2009). This short course will explore the life and work of Renaldo Kuhler, his influences, aesthetic tastes, and the intricate connections between his life and the history of Rocaterrania.

Recommended Reading (Optional): *The Secret World of Renaldo Kuhler*, Brett Ingram

Instructor: *Brett Ingram*; director of "Monster Road" and "Rocaterrania", and author of *The Secret World of Renaldo Kuhler*; a Guggenheim Fellow, his work as a filmmaker has screened on Sundance Channel, PBS, National Geographic, Animal Planet, and at hundreds of film festivals, universities, museums, and cinemas around the world.

Course #: MCE-LLI-2-071 **Instance #:** 000001 **Three Sessions:** 1-2:30 p.m. **Dates:** Mar. 15, 22, 29 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$40 **Registration Deadline:** Mar. 14

The Seafood Industry: Today and in the Future

Instructor: Doug Rader

This course will examine the nature of aquatic ("blue") foods, today and in the future. Topics will include the major sources of fish, invertebrate foods and seaweeds -- wild and farmed -- as well as global value chains and seafood sustainability. We will explore the importance, unique challenges and opportunities associated

with small-scale fisheries worldwide. Finally, we will consider prospects for the future of seafood in a changing world, including climate and other challenges, as well as potential future directions for seafood production.

Recommended Reading (Optional): *Cod*, Mark Kurlansky; *Four Fish*, Paul Greenberg

Instructor: *Doug Rader*, ecologist with a Ph.D. in Biology from UNC-CH; he previously worked in water quality, coastal zone management and estuary protection for the state of North Carolina; worked for Environmental Defense Fund for 33 years, working globally on ocean issues; recently retired as long-time chief ocean scientist, EDF.

Course #: MCE-LLI-1-125 **Instance #:** 000001 **Four Sessions:** 1-2:30 p.m. **Dates:** Mar. 29, Apr. 5, 12, 19
Limit: 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Mar. 28

How “Green” Are Your Clothes?

Instructor: Karen Leonas

The global apparel industry is valued at 3 trillion dollars and employs over 3.3 billion people. Since the turn of the century, apparel consumption has increased over 400%. With increasing awareness of sustainability, much attention has been directed towards this industry including a focus on the environmental impact during production, care and after use and employee working conditions. This course will examine sustainability hotspots within the global apparel industry. Specific topics will include the events leading to sustainability investigations, the afterlife of clothes, microplastics and microfibers in our waterways, and industry response.

Instructor: *Karen Leonas*; Ph.D., Textile Chemistry/Textile Physics, M.S., Clothing and Textiles, from the University of Tennessee; B.S. in Textile Chemistry from NC State; she serves on the AATCC Sustainability Committee, The Sustainability Consortium Clothing, Footwear and Textile Committee Co-Chair, NY Academy of Sciences Change Fashion Advisory Board, and WalMart Apparel Technical Collaboration Sustainability Board.

Course #: MCE-LLI-1-146 **Instance #:** 000001 **Five Sessions:** 3-4:30 p.m. **Dates:** Mar. 22, 29, Apr. 5, 12, 19
Limit: 20 **Location:** McKimmon Center Room 13 **Fee:** \$55 **Registration Deadline:** Mar. 20

Traumatized Afghanistan After 40 Years of War

Instructor: David Champagne

This course will deal with the Taliban and how they became rulers of Afghanistan for a second time and what roles various Afghan factions and international and regional players had in this outcome. It will also examine possible scenarios for the future. All the super and regional powers misjudged the political and military situation. Arrogance combined with cultural blinders on the nature of the peoples of Afghanistan worsened an already dire situation and kept the conflict alive. Afghans, non-Taliban and Taliban alike, were the main victims and suffered more than any of their friends or enemies. The situation in Afghanistan is unstable today and will remain so in the future. The people of Afghanistan have yet to decide their own future.

Recommended Reading (Optional): *The Fifth Act: America's End in Afghanistan*, Elliot Ackerman

Instructor: *David Champagne*; Ph.D., Middle East and South Asia History, The Univ. of Texas-Austin; former Dir. of Strategic Studies Detachment, 4th Psychological Operations Group, Ft. Bragg; 30 years' experience as a civilian intelligence analyst on Iran and Afghanistan, U.S. Army; Cultural Advisor to the U.S. Ground Commander in Afghanistan, CJTF76; former Deputy Director, Ctr. for Afghanistan Studies, Univ. of Nebraska-Omaha; Peace Corp Volunteer-Afghanistan (1968-71); 30 year interest and study of Irish and French Canadian genealogy and history; veteran OLLI instructor.

Course #: MCE-LLI-1-140 **Instance #:** 000001 **Four Sessions:** 3-4:30 p.m. **Dates:** Mar. 29, Apr. 5, 12, 19
Limit: 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Mar. 21

THURSDAY

Whitman, Dickinson, Crane: Poets in Disordered Times

Instructor: Lucinda MacKethan

We will read these three poets' works in the context of the cultural upheavals that took place in the last half of the 19th century. They confronted the political unrest that divided the nation and thrust it into a civil war; the changes in religious thought that discarded the vestiges of Puritanism, adopting nature based theologies and sometimes moving into deep skepticism; and the disruptions of scientific breakthroughs. Literarily and philosophically, their poetry displays shifts from Emersonian transcendentalism into less romantic, more realistic modes and beyond, to the harshness of Naturalism. Whitman, Dickinson, and Crane's poetry reflects all these sweeping transitions. Still, they were fundamentally poets of the heart, and we will stress their personal experiences with God, with love, and with death.

Required Reading (Optional): Poems for this course will be available online. Participants will be given a syllabus in advance of the course.

Instructor: *Lucinda MacKethan*; NC State Distinguished Professor Emerita of English in American Literature; author/editor of six books including *Daughters of Time: Creating Woman's Voice in Southern Story* and *Anya Seton: A Writing Life*; she is a winner of NC State's Holladay Medal; was a fellow at the National Humanities Center, where she provided instructional materials for Teacher Enrichment Programs; speaker of the NC Humanities Council Road Scholar Program; she has begun to publish some poems, hoping to become the "Grandma Moses of Poetry", and manages the PLOW Community Garden at her church.

Course #: MCE-LLI-2-068 **Instance #:** 000001 **Three Sessions:** 9-10:30 a.m. **Dates:** Mar. 16, 23, 30 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$40 **Registration Deadline:** Mar. 15

Income and Wealth Inequality: Inevitable or Intentional?

Instructor: John Pilgrim

Rising income and wealth inequality has become a subject of attention and concern. We will look at inequality in different societies (pre-modern, slave and colonial, modern), different systems (capitalism, communism, socialism), different regions (Europe, North America, Asia) and different centuries (pre-19th, 19th, and 20th) to see whether there are common threads and whether inequality is "natural and inevitable" or a "choice" we make.

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-1-115 **Instance #:** 000001 **Six Sessions:** 11 a.m.-12:30 p.m. **Dates:** Mar. 16, 23, 30, Apr. 6, 13, 20 **Limit:** 45 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 15

Postcards from Around the World

Instructor: Lauren Ball

No passports are required for this trip around the world as we travel to six different countries all within the comfort of an OLLI classroom! Leveraging the expertise of NC State's diverse international population, weekly presenters will share the history, art, music, food, language, and other cultural topics from their countries. Members will be emailed a list of countries represented in this course after January and the OLLI online catalog will be updated with this information. Join us for this exciting tour of amazing countries, stories, and people without having to step foot in an airport.

Instructor: *Lauren Ball*; has worked in the Office of International Services at NC State for 14 years and has been coordinating the Postcards from Around the World class almost annually during that time; she holds a Master's degree in International Studies from NC State and loves supporting engagement between NC State's international population and OLLI class participants.

Course #: MCE-LLI-1-133 **Instance #:** 000001 **Six Sessions:** 1-2:30 p.m. **Dates:** Mar. 16, 23, 30, Apr. 6, 13, 20 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 15

Murder in North Carolina

Instructor: Mary Jude Darrow

Local attorney Mary Jude Darrow has participated in over 250 criminal jury trials during her career. This class will examine the prosecutions of various high-profile murder cases in North Carolina, including Bradley Cooper, Blanche Taylor Moore, Ann Miller (Koontz), and Michael Peterson.

Instructor: *Mary Jude Darrow*; Loyola University School of Law; Clarkson University, Potsdam, NY; Assistant DA - New Orleans District Attorney's Office; Assistant U.S. Attorney in the Eastern District of Louisiana, and Eastern District of North Carolina; Criminal Defense Attorney; Assistant DA – Durham, NC.

Course #: MCE-LLI-1-119 **Instance #:** 000001 **Six Sessions:** 3-4:30 p.m. **Dates:** Mar. 16, 23, 30, Apr. 6, 13, 20 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$55 **Registration Deadline:** Mar. 15

SECOND TERM LECTURES

MONDAY

The Impact of Sears and Roebuck on Rural America

Instructor: Gary Moore

Most people are aware of Sears, Roebuck, and Co., but you may not know the impact of the company on rural America. Sure, Sears and Roebuck sold household and farm-related items to millions of people, but they did much more than that. Some of the activities in which they were involved included paying salaries of county agents, loaning registered bulls to farmers to improve their livestock, producing agricultural movies, buying furs from farm kids, providing scholarships to go to college to study agriculture, conducting adult farmer short courses, selling barn kits similar to their housing kits, starting livestock chains, plus much more.

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-3-089 **Instance #:** 000002 **One Session:** 11 a.m.-12:30 p.m. **Date:** Apr. 10 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** 15 **Registration Deadline:** Apr. 8

Raleigh's Role in the American Civil War

Instructor: Ernest Dollar

With the outbreak of war, Raleigh became the center of North Carolina's war effort. The city was transformed into a industrial, recruiting, and medical center. The city avoided the hardships of war until the final days when it faced destruction as two warring armies threatened the capital. This course will explore Raleigh's role in America's most tragic conflict.

Recommended Reading (Optional): *This Astounding Close: The Road to Bennett Place*, Mark Bradley; *Hearts Torn Asunder: Trauma in the Civil War's Final Campaign in North Carolina*, Ernest Dollar

Instructor: *Ernest Dollar*, North Carolina native; graduated from the University of North Carolina-Greensboro with B.A. in History and BFA in Design in 1993 and M.A. in Public History from North Carolina State in 2006; He served in the U.S. Army Reserve/North Carolina National Guard from 1993-1999; Ernest has worked in several historic parks in both North and South Carolina and currently serves as the director of the City of Raleigh Museum. and Dr. M.T. Pope House Museum.

Course #: MCE-LLI-3-149 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Apr. 17 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Apr. 15

The History of Taxidermy

Instructor: Roger Martin

Hunting trophies, artistic expression or educational display, the pursuit of preserving lifelike animal specimens goes back over 500 years. Taxidermy in all its branches is a collage of art, science, and craftsmanship. This lecture will cover the evolution of many of the numerous taxidermy processes as well as the motivation to create the illusion of life.

Instructor: *Roger Martin*; over 40 years in product development for the Taxidermy Supply industry; National Sculpture Society Fellow; elected member of the Society of Animal Artists; A.A. Degree in Museum Sciences; Martin began teaching himself taxidermy at the age of 12, and is still learning.

Course #: MCE-LLI-3-127 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Mar. 13 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Mar. 12

Putin v. People: Perilous Politics and the Dirty War

Instructor: Graeme Robertson

This lecture examines the relationship between Vladimir Putin and Russian society, tracing how Russian politics have changed over time and the path to the war of aggression against Ukraine.

Recommended Reading (Optional): *Putin vs The People: The Story of a Popular Dictator and the Struggle for the Future of Russia*, Samuel Greene and Graeme Robertson

Instructor: *Graeme Robertson*; Harold J. Glass USAF Faculty Mentor Professor of Political Science at the University of North Carolina at Chapel Hill and Director of the Center for Slavic, Eurasian and East European Studies; his work focuses on authoritarianism and how authoritarians manage and seek to influence both supporters and opposition.

Course #: MCE-LLI-3-137 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Mar. 20 **Limit:** 120 **Location:** McKimmon Center TBD **Fee:** \$15 **Registration Deadline:** Mar. 19

Responding to the Eruption of Iceland's Fagradalsfjall Volcano

Instructor: Arianna Soldati

On Aug. 3, 2022 the volcanology community was talking about one thing only: the new eruption in Iceland. Within a week, Dr. Arianna Soldati joined the Icelandic eruption response team. In this lecture she will take you on a multi-sensorial journey through this incredible opportunity. We will explore what it is like to be at the site of an active volcanic eruption. Dr. Soldati will share some preliminary results from her field research.

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-3-135 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Mar. 27 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Mar. 26

Jazz and American Religion

Instructor: Jason Bivins

Histories of American religion are incomplete without attending to the role of the arts and human expression. This course will explore the intersection of American religion, in all its varieties, with one of America's most significant musical creations. We will examine the religious beliefs and practices of important jazz musicians, as well as the recurrence of key religious themes (like ritual or cosmology) across a century of jazz music.

Instructor: *Jason Bivins*; professor, Department of Philosophy and Religious Studies, NC State; has earned degrees from Oberlin College and Indiana University; he is the author of four books, has taught for the Great Courses, and loves to play guitar.

Course #: MCE-LLI-3-128 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Apr. 10 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Apr. 9

TUESDAY

Cancelled - The Sacco Vanzetti Case

Instructor: Joe Gosselin

In 1920, two Italian immigrant anarchists were accused of robbing the payroll of a shoe company in Braintree, Massachusetts and murdering the payroll officer and a guard. The trial, conviction and subsequent executions of Nicola Sacco and Bartolomeo Vanzetti became a cause célèbre on five continents. The case itself changed Massachusetts law. This lecture will examine the case and its aftermath in the context of the environment then in America, particularly in Massachusetts, characterized by the fear of immigrants, Italian anarchists (with reason), and the Red Scare.

Recommended Reading (Optional): *Sacco and Vanzetti: The Anarchist Background*, Paul Avrich; *Sacco and Vanzetti*, Bruce Watson

Instructor: *Joe Gosselin*; B.S. in Physics, Boston College; worked for 44 years as a software engineer at IBM and SAS; Joe grew up three miles from a hotbed of Italian anarchist activity, Boston's North End; OLLI member since 2013, this is his third time as an instructor.

Course #: MCE-LLI-3-120 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Apr. 11 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Apr. 10

Historic Oberlin Village in Artifacts and Imagery

Instructor: Dru McGill

Oberlin Village is one of Raleigh's few remaining historic African American communities. Founded in the mid-19th century by free Black families, the village grew quickly in size after the end of the Civil War to include hundreds of families who built homes, churches, and a public school. Descendants of the founding families created the Friends of Oberlin Village (FOV) non-profit to preserve the remaining history of the village and honor its legacies. In this presentation, Dr. McGill will discuss research by archaeologists and historians as part of an interdisciplinary network of scholars who collaborate with FOV. The presentation will focus on the interpretation of the community's history through changes in the neighborhood over time represented in aerial imagery and in the interpretation of archaeological artifacts.

Instructor: *Dru McGill*; received his Ph.D. in Anthropology from Indiana University; after serving as a museum curator, he joined the Department of Sociology and Anthropology at NC State; his honors and achievements include receiving the Outstanding Teacher Award at NC State, and being awarded multiple National Science Foundation research grants.

Course #: MCE-LLI-3-138 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Apr. 18 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Apr. 17

Long-Term Care: Who's Going to Pay?

Instructors: Fred Lowry, Brian DeBruin

According to the U.S. Department of Health and Human Services, about 70% of Americans over age 65 will require some type of long-term care services during their lifetime. Yet most of us remain ill-prepared for such an eventuality. This thought-provoking lecture will explore how our nation's custodial healthcare dilemma has evolved over time, dispel the most common myths and misconceptions, and provide an analysis of potential funding sources. Will the government pay for your care? Is insurance a cost-effective election? Should you self-insure the risk? Or are there alternative choices available? While no perfect solution exists, attendees will walk away with a solid understanding of their risk and a comprehensive list of available options.

Instructor: *Fred Lowry*; B.A. in History UNC-CH; 10 years in financial services; Certified Retirement Counselor; Adjunct Professor-Wake Tech; Instructor-Counsel of Financial Educators 501(c)(3), Licenses; Series 65, Life and Health, LTC.

Instructor: *Brian DeBruin*; B.A., NC State; 25 years experience in financial services; Certified Retirement Counselor; Instructor-Counsel of Financial Educators 501(c)(3), Licenses: Series 65, Life, Health, and LTC.

Course #: MCE-LLI-3-132 **Instance #:** 000001 **One Session:** 1-2:30 p.m. **Date:** Mar. 28 **Limit:** 20 **Location:** McKimmon Center Room 13 **Fee:** \$15 **Registration Deadline:** Mar. 27

Earth in Peril

Instructor: Brand Fortner

How does the Earth end? There are many possibilities. In this lecture, we examine existential threats we face from above: asteroid impacts, supernova, gamma ray bursts, solar superstorms, red giant stars, and more. Join us on a fun journey of global disaster!

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

Course #: MCE-LLI-3-144 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Mar. 21 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Mar. 20

Gershwin's Porgy and Bess

Instructor: Eric Mitchko

First performed in 1935, critics call *Porgy and Bess* "the great American opera." Eric Mitchko, General Director of the North Carolina Opera, will present an in-depth look and listen to one of George Gershwin's famous works. He will look at the literary sources for the piece, its stage history, and public reactions to it.

Instructor: *Eric Mitchko*; General Director of North Carolina Opera, which is now in its 13th season; he has spent his career learning about all aspects of opera; he has a particular interest in historical singers.

Course #: MCE-LLI-3-143 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Mar. 28 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Mar. 26

Downsizing Made Easy

Instructor: Freda Hamlett

If you are considering making a move – now or in your future – you owe it to yourself to be prepared. In this lecture, we will discuss how to begin downsizing, what to do with all of your extra stuff, and whom you can call

for help. You will receive useful information about downsizing from some of the most knowledgeable and experienced professionals in the senior service industry.

Instructor: *Freda Hamlett*, B.A. from Syracuse University in Interior Design; certified Senior Housing Professional; senior Real Estate Specialist

Course #: MCE-LLI-3-130 **Instance #:** 000001 **One Session:** 3-4:30 p.m. **Date:** Apr. 4 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Apr. 3

WEDNESDAY

Remembering When - Fire and Fall Prevention Program

Instructor: Lemuel Hubbard

Lt. Lemuel Hubbard, Fire Prevention Coordinator for the City of Raleigh Fire Department, will present Remembering When™, a program centered around 16 key safety messages – eight fire prevention and eight fall prevention. This important safety program was developed by experts from national and local safety organizations as well as through focus group testing in high-fire-risk states.

Instructor: *Lt. Lemuel Hubbard*, Fire Prevention Coordinator for the City of Raleigh Fire Department; has been in active service as a fire fighter with the Raleigh Fire Department since 2006; in addition to serving as the primary Fire and Life Safety Educator for the City, he is also a Deputy Fire Marshal who does Fire Code Inspections.

Course #: MCE-LLI-3-129 **Instance #:** 000001 **One Session:** 9-10:30 a.m. **Date:** Mar. 15 **Limit:** 49 **Location:** McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Mar. 14

THURSDAY

Via Zoom - Pharmaceuticals in the Managed Health Care Continuum

Instructor: Jann Rigell

Gain a better understanding of how all of the pharmaceutical players and stakeholders work together to deliver care in the prescription drug marketplace. Participants will learn how this process works and get the information to help them to advocate for themselves and their prescription drug needs.

Instructor: *Jann Rigell*, currently Vice President, Account Management at Envolve Pharmacy Solutions, where she is responsible for the client relationships for 35 health plans serving approximately 20 million Medicaid, Medicare, and Marketplace members; Ms. Rigell has nearly 30 years of experience in the retail, mail service, managed care, and specialty pharmacy practice settings; she received her undergraduate degree in Pharmacy from Florida A&M University in Tallahassee, FL, and her MBA from the University of Missouri, St. Louis.

Course #: MCE-LLI-3-077 **Instance #:** 000002 **One Session:** 11 a.m.-12:30 p.m. **Date:** Mar. 16 **Limit:** 100 **Location:** Zoom **Fee:** \$15 **Registration Deadline:** Mar. 13

FRIDAY

Responsible Gun Ownership in North Carolina

Instructors: Becky Ceartas, Jennifer Copeland

Many gun owners and gun violence prevention advocates share similar safety goals, yet the vitriolic language used to talk about guns prohibits reasonable conversations about these goals. In order to move the matter beyond entrenched polarities, we must have a different conversation. There is a way for us to own guns and be

safe about it. Come hear from those who are having that conversation. This session will provide statistics, explain the gun current laws, and offer a perspective grounded in mutual trust rather than reactive fear.

Instructor: *Becky Ceartas*; has been leading North Carolinians Against Gun Violence since 2014; she has 22 years of experience organizing for policy changes at the local, state and federal levels; she got involved in gun violence prevention work after Sandy Hook; she feels very fortunate to now work with NCGV supporters to prevent gun violence.

Instructor: *Jennifer Copeland*; a native of South Carolina and an ordained minister in The United Methodist Church; attended Duke University and earned a B.A., double majoring in English and Religion, a Master of Divinity, a Ph.D. in religion, and a Graduate Certificate in Women's Studies; prior to coming to the NC Council of Churches, she spent 16 years as the United Methodist Chaplain at Duke University, where she also taught undergraduate and divinity school classes, served on committees and task forces, and attended lots of basketball games; she writes frequently for various publications when time permits and preaches regularly in congregations across North Carolina.

Course #: MCE-LLI-3-141 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Mar. 24 **Limit:** 49
Location: McKimmon Center Room 11/12 **Fee:** \$15 **Registration Deadline:** Mar.23

Via Zoom - A Visually Impaired Journey

Instructor: Jennifer Shryock

As a person who is visually impaired, Jennifer Shryock views the world a bit differently than a fully sighted person. Growing up legally blind was a challenge and one that led her to a love of dogs. She will share how her difference in visual ability helped her experience things in a way that has led her to a thriving career and connection with dogs.

Instructor: *Jennifer Shryock*; Certified Dog Behavior Consultant (CDBC); founder of Family Paws® LLC; she has a certification from the International Association of Animal Behavior Consultants and a special education degree with more than 30 years of experience; a recognized expert on dog and baby/toddler dynamics and safety, Jen has mentored hundreds of dog professionals, written and spoken extensively about these topics.

Course #: MCE-LLI-3-133 **Instance #:** 000001 **One Session:** 11 a.m.-12:30 p.m. **Date:** Apr. 7 **Limit:** 30
Location: Zoom **Fee:** \$15 **Registration Deadline:** Apr. 3

STUDY TRIPS AND EVENTS

Friday Favorites with the North Carolina Symphony – All About Strings!

Join us at Meymandi Concert Hall in Raleigh for a lovely afternoon with the North Carolina Symphony. You will receive a video of the pre-concert lecture via email a few days before the event (presenters vary). This will prepare you for the performance and enhance your appreciation and enjoyment of each piece featuring string instruments.

Michelle Di Russo, *conductor*

Elgar: Serenade for Strings

Clarice Assad: Suite for Lower Strings,

Mendelssohn: String Symphony No. 7

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

Includes: Transportation on NC State bus, ticket and lecture.

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

Return: Approximately 1:45 p.m.

Course #: MCE-LLI-4-033 **Instance #:** 000001 **One Session:** 11:30 a.m.-1:45 p.m. **Date:** Feb. 3 **Limit:** 22

Location: Meymandi Concert Hall **Fee:** \$50 **Registration Deadline:** Jan. 27

Artspace Studio Visit and Printmaking Class

Located in downtown Raleigh in the historic Sanders Ford building, the Artspace facility was once the city's livery and later Sanders Ford Car Dealership. Today this 30,000 square foot facility is home to over 35 artists working in a variety of media, and is one of the largest open studio environments in the country. Learn about the history of Artspace, explore their rotating exhibitions, and interact with resident Studio Artists to expand our understanding of the creative process. Following the tour, we will complete a hands-on printmaking activity led by a professional artist. Lunch will be self-pay at a nearby restaurant.

Includes: Transportation on NC State bus, tour and art-making supplies.

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

Return: Approximately 2:30 p.m.

Course #: MCE-LLI-4-034 **Instance #:** 000001 **One Session:** 10:30 a.m.-2:30 p.m. **Date:** Feb. 24 **Limit:** 30

Location: ARTspace **Fee:** \$40 **Registration Deadline:** Feb. 17

The First Lady of Social Graces: Stepping into the Shoes of Dr. Charlotte Hawkins Brown

Born in Henderson, North Carolina, Dr. Charlotte Hawkins Brown was an educator, author, and civil rights leader. She founded the Palmer Memorial Institute in Sedalia, N.C. and transformed the lives of more than 1,000 African American students. Dr. Brown's house and surrounding campus was designated as a state historic site in 1987, the first site in North Carolina to honor an African American woman. Several buildings of the Palmer Institute were named on the National Trust for Historic Preservation's 11 Most Endangered Historic Places list in May 2022. We will embark on a 90-minute tour of both Canary Cottage (where she hosted illustrious guests such as Langston Hughes!) and the campus. The outdoor campus will be explored by bus and will conclude at the picnic shelter, where we will enjoy our lunches brought from home.

Note: Please be mindful that this trip involves a mix of standing and walking. Canary Cottage is accessible and will have limited seating available. Please bring your lunch from home to enjoy outside at the picnic shelter. We will have a rain plan for lunch if needed.

Includes: Transportation by bus, guided indoor and outdoor tour.

Depart: McKimmon Center at 9:00 a.m.

Return: Approximately 1:30 p.m.

Course #: MCE-LLI-4-037 **Instance #:** 000001 **One Session:** 9:00 a.m.-1:30 p.m. **Date:** March 10 **Limit:** 25

Location: Charlotte Hawkins Brown Museum & State Historic Site **Fee:** \$65 **Registration Deadline:** March 4

Inside NC State's Memorial Bell Tower

NC State's former vice chancellor for student affairs, Dr. Tom Stafford, will lead this informative tour of the university's most recognizable symbol, the 115-foot tall Memorial Bell Tower, built as a monument to alumni killed in World War I. In addition to visiting the marble Shrine Room inside the memorial, you will have the chance to see the recently restored carillon which plays the Bell Tower's hourly toll.

Note: Be prepared for about 90 minutes of standing and walking as Dr. Stafford talks about the early history of the university and regales the group with some of the stories behind the bell tower. The bell tower has stairs with railings.

Includes: Transportation by NC State bus, presentation and visit to bell tower.

Depart: McKimmon Center at 9:45 a.m.

Return: Approximately 12:15 p.m.

Course #: MCE-LLI-4-005 **Instance #:** 000002 **One Session:** 9:45 a.m.-12:15 p.m. **Date:** March 24 **Limit:** 20

Location: NC State Bell Tower **Fee:** \$35 **Registration Deadline:** March 17

A Springtime Stroll at the North Carolina Botanical Garden

In 1952, UNC-Chapel Hill Board of Trustees dedicated 70 acres for botanic garden development. Recognized by the American Public Gardens Association for excellence in Biodiversity and Conservation, the North Carolina Botanical Garden now contains over 1,000 acres and 2,500 species across various nature preserves and conservation easements. A trained Garden Guide will take OLLI members on a leisurely walk through the Display Gardens, which feature a variety of southeastern native wildflowers, shrubs and trees. The tour is 60 minutes in length. Restrooms and the garden shop are available in the James and Delight Allen Educational Center, a LEED Platinum certified building.

Note: Wear comfortable shoes and dress for the weather as we will be walking and standing for the tour.

Terrain is mostly flat. **In case of bad weather, check your email between 8 and 8:30 a.m. on the day for an update on whether the trip will proceed.**

Includes: Transportation on NC State bus, guided tour of the NCBG Display Gardens.

Depart: McKimmon Center at 9:15 a.m.

Return: Approximately 12:00 p.m.

Course #: MCE-LLI-4-036 **Instance #:** 000001 **One Session:** 9:15 a.m.-12:00 p.m. **Date:** April 14 **Limit:** 30

Location: North Carolina Botanical Garden **Fee:** \$40 **Registration Deadline:** April 7

Dorothea Dix Park Walking Tour

Dorothea Dix Park has been called one of the most exciting public park projects in America today. This 308 acre site is in the process of being transformed into a central gathering space for Raleigh and the region at large. The three mile walking tour will cover parts of the long complex history of the site from pre-plantation, to plantation, to mental health hospital. Come see the beautiful site and become a part of making Dorothea Dix a park for everyone, built by everyone.

Note: Wear comfortable walking shoes and dress for the weather on the day. Take a beverage to keep you hydrated. The trip will proceed rain or shine.

Includes: Transportation on NC State bus, guided walking tour of the park.

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

Return: Approximately 11:15 a.m.

Course #: MCE-LLI-4-038 **Instance #:** 000001 **One Session:** 8:45 a.m.-11:15 a.m. **Date:** April 21 **Limit:** 30

Location: Dorothea Dix Park **Fee:** \$35 **Registration Deadline:** April 14

Friday Favorites with the North Carolina Symphony – Cello Concerto

Join us at Meymandi Concert Hall in Raleigh for a lovely afternoon with the North Carolina Symphony. You will receive a video of the pre-concert lecture via email a few days before the event (presenters vary). This will prepare you for the performance and enhance your appreciation and enjoyment of each piece.

Grant Llewellyn, *conductor*

Sterling Elliott, *cello*

Saint-Saëns: Cello Concerto No. 1

Bizet: *Roma*

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

Includes: Transportation on NC State bus, ticket and lecture.

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

Return: Approximately 1:45 p.m.

Course #: MCE-LLI-4-035 **Instance #:** 000001 **One Session:** 11:30 a.m.-1:45 p.m. **Date:** April 28 **Limit:** 22

Location: Meymandi Concert Hall **Fee:** \$50 **Registration Deadline:** April 20

OLLI's A-MAY-zing Picnic

Join us for a highlight of the spring. OLLI's picnic in the beautiful, outdoor setting of Lake Wheeler Park's covered picnic shelter. 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. You'll choose your boxed lunch option at the time you register. The drawings for door prizes will include a one-year membership in OLLI, complimentary tickets to local events, and more. Don't miss it!

Note: Wear comfortable walking shoes and casual attire. Parking will be available close to the picnic shelter for those with limited mobility.

Includes: Registration for the event, boxed lunch

Course #: MCE-LLI-4-013 **Instance #:** 000004 **One Session:** 12-2:00 p.m. **Date:** May 19 **Limit:** 120

Location: Lake Wheeler Park, Oak Picnic Shelter **Fee:** \$10 **Registration Deadline:** May 11

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 July 31. The membership fee is prorated as the year progresses:

- Fall, Spring and Summer Semester Membership (August 1 – July 31) - \$50
- Spring and Summer Membership (November 1 – July 31) - \$40
- Summer Membership (May 1 – July 31) - \$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.
- 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 38 before registering.
- By registering for OLLI programs, you are agreeing to abide by any protocols that NC State might put in place in the future to limit the spread of COVID-19.

Online Registration:

Visit 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.

To search the alphabetical listing of classes in Reporter for Spring Semester type “SP23” 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. 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).

Refund Policy

- Lectures, classes and study trips overlap in time. Transfer/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.

COVID-19 Protocols

OLLI follows the protocols set by NC State University and the UNC System to limit the spread of COVID-19. By enrolling in OLLI membership and programs, members agree to abide by NC State's protocols. We will keep members informed of any guidelines before the first day of classes.

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 919-515-30990. 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:

OLLI Advisory Council

AT LARGE

Barbara Buescher, Chair	Mike Flynn	Steve Sakofsky
Tina Certo	Randy Fraser	Sherrill Stanley
Grace Ann Chirico	Bill Jones	Alan Wood
Lan-Anh Dang	Katie Robinson	

EX OFFICIO

Maureen Deis	Susan Osborne
Pat Easterbrook	Adele Rogan
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Standing Committees

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