Osher Lifelong Learning Institute

Summer Semester 2020
April 28 - June 4

Non-credit short courses, lectures, study trips, and special events for adults aged 50+

ncsu.edu/olli
919.515.5782
What is the Osher LLI?

The Osher Lifelong Learning Institute at NC State (OLLI) provides noncredit courses, study trips, and special events for adults aged 50+. Founded in 1991 as the Encore Program for Lifelong Enrichment, we changed our name in 2014 to reflect our connection to the Osher Lifelong Learning Institute Network, a group of over 100 lifelong learning institutes that have received support from The Bernard Osher Foundation.

Membership is at the core of our program, and we rely on members taking an active role, whether in the classroom or behind the scenes helping us design the program. Part of what makes our learning community special is the exchange of ideas in the classroom from those with diverse backgrounds. Our instructors volunteer in order to keep your fees low, and they find it rewarding because of this rich learning atmosphere. Since our classes are noncredit, the only prerequisite is a desire to learn. There are no tests or grades, and homework is optional! Members also have the chance to participate in extracurricular special interest groups, which are completely member-organized. Most classes are held at NC State’s McKimmon Center for Extension and Continuing Education, which is easily accessible and has ample free parking. We hope you will join our community of learners!

OLLI SPECIAL INTEREST GROUPS

- Book Group
- Epicureans Dining Group
- Family History Group
- Family History Writers Group
- Family Stories Writers Group
- Games Enthusiasts Group
- Knitting Group
- Live Theatre Group
- Movie Group
- Paddling Group
- Questions Across the Spectrum Discussion Group
- Readers Theatre Group
- Science Group
- Scrabble Group
- Trailblazers Walking Group
- Writers Group

You must be an OLLI member to participate in our Special Interest Groups. For more details about the SIGs, go to our website, www.ncsu.edu/olli or pick up a flyer in the OLLI office or classroom.

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The Cardinal at North Hills
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Learn more about our sponsors at www.ncsu.edu/olli
MULTI-WEEK COURSES

Tuesday

The History of Civilian Control of the Military
Our nation is unique in that it is the only one where the military is wholly controlled by civilian authority. Join us and explore the General James Wilkinson/Aaron Burr episode; President Polk’s use of the military in the Mexican War; Lincoln’s parade of generals; the military in post war Reconstruction of the South; the Posse Comitatus Act of 1878, the Truman/MacArthur debate; Eisenhower’s 1957 decision to send troops to Little Rock; the troops at the 1967 Detroit riot, as well as other incidents. This history and more has shaped how we see and utilize the military today and for the future.

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 #: LLI-1-420-001
Six Sessions: 9:00 - 10:30 a.m.
April 28, May 5, 12, 19, 26, June 2
Limit: 58 Location: Room 11/12
Fee: $55

Bourbon: America’s Native Spirit
This course will cover what Bourbon is and is not. Topics include the many aspects of the Bourbon industry, including its history, production methods, marketing and advertising. The different types of bourbon and the taste profiles associated with each will be explored. While tasting will not be involved during the class, we will discuss what one should expect to taste when drinking Bourbon and where those taste profiles come from.

Instructor: Ken Updegrove; NC State University graduate in Accounting; works with Mutual of Omaha Mortgage; Ken has been a Bourbon drinker going back many years; took an inopportune travel mistake as an opportunity to go down the rabbit hole of traveling the Kentucky Bourbon Trail and learning more about the history and making of America’s Native Spirit.

Fee: $75

What is America? Changing Maps of the United States
This two-session course will feature over a hundred maps, showing the changing political landscape of the United States. What did America look like before the American Revolution? How were states carved out of territories and admitted? How was land on the borders and overseas acquired, purchased, and seized in the 19th century? What was the Guano Islands Act? Why are there panhandles in Florida and Oklahoma, and why two Dakotas? And is Alaska really half the size of the continental states?


Note: This course repeats some of the content in the fall 2019 lecture.

Instructor: Alan Wood; M.Ed., UNC-Charlotte, B.A. Geography, UNC-Chapel Hill; OLLI member.

Course #: LLI-2-204-001
Two Sessions: 10:45 a.m. - 12:15 p.m.
May 26, June 2
Limit: 58 Location: Room 11/12
Fee: $30

Wednesday

Weird Words in the English Language
This class will focus on the surprising and occasionally unsettling origins of common words and phrases. We will also look at some ancient words that only survive in idioms, along with some words that have dropped out of English completely.

Instructor: Steve Swaim; BA, Linguistics, UNC; taught Spanish and Linguistics at Ravenscroft School for 33 years; his greatest regret is that he cannot learn every language ever spoken.

Course #: LLI-2-206-001
Two Sessions: 9:00 - 10:30 a.m.
April 29, May 6
Limit: 58 Location: Room 11/12
Fee: $30
MULTI-WEEK COURSES

North Carolina’s Contribution to the Bluegrass Story

Bluegrass is a uniquely American roots music. North Carolina’s musicians made important contributions to the development of the sound of today’s Bluegrass music. This course will explore how the ballads and fiddle tunes of the British Isles merged with the banjo rhythms of Africa to form the music of the working classes. With the invention of the phonograph record and the radio, new styles of “hillbilly music” were created. One of the most important innovators of one of those styles was Earl Scruggs when he joined Bill Monroe’s Bluegrass Boys. Later, Doc Watson would add to the evolution of the bluegrass sound.

*Instructor:* Ron Raxter; Founder, Apple Chill Cloggers and Pine Cone—the Piedmont Council of Traditional Music; bluegrass and old-time musician; former Chair, Leadership Bluegrass Planning Committee; former member, Education Committee of the International Bluegrass Music Association.

*Course #:* LLI-1-422-001

*Four Sessions:* 10:45 a.m. - 12:15 p.m.
April 29, May 6, 13, 20

*Limit:* 58  
*Location:* Room 11/12

Fee: $40

A Legacy of Service — Volunteerism Abroad

Born during the Kennedy Administration, the Peace Corps has sent American volunteers across the world to assist with humanitarian projects since the 1960s. This program continues to thrive. This course will address the history and the much-needed services provided by Americans volunteering for this long-standing federal program that has intervened and made significant contributions over the decades. We will hear from agency personnel who oversee this program, as well as from some of the volunteers who have been in the trenches working to make a difference around the world.

*Instructor:* Ivan Browning; BA, University of Southern California; VISTA volunteer 1972-73: Community Action Agency, Lewiston Idaho, youth outreach; Peace Corps volunteer 1974-76: Colombia, adult rehabilitation athletic program, 1975; Kenya, medical training center, 1976; currently retired and volunteer board member and office of NC Peace Corps Association;

*Course #:* LLI-1-426-001

*Four Sessions:* 1:15 - 2:45 p.m.
May 13, 20, 27, June 3

*Limit:* 58  
*Location:* Room 11/12

Fee: $55

Philosophy of Religion

In an increasingly diverse society, how well do you know your neighbors? In this class, we will learn and discuss the central tenets of each major religion. We will also explore the history and development of these world religions, including Christianity, Islam, Judaism, Buddhism, Hinduism, Mormonism, Baha’i, and more. We will consider the massive influence these religions have had on cultures across the globe. We will compare and discuss how each religion answers the big questions of life: Is there a God? What happens after we die? What ethics are the most important? What is the meaning of human existence?

*Instructor:* Eric Stortz; BA, History, University of Chicago; MA, Biblical Studies, Wheaton College; PhD candidate, Southeastern Seminary in Biblical Theology; Pastor, Summit Church for the last 10 years.

*Course #:* LLI-1-425-001

*Four Sessions:* 9:00 - 10:30 a.m.
May 13, 20, 27, June 3

*Limit:* 58  
*Location:* Room 11/12

Fee: $40

Higher, Faster, Stronger, Richer: The Changing Face of the Summer Olympics

From an innocent celebration of sport in 1896 to a big bucks international national showcase in the 21st century, the Olympic Games have changed greatly since their revival in 1896. Indeed, from spectacles that sought to further national ambitions to competitions that often mirrored the Cold War to the human triumphs and defeats that leave lasting memories and are central to the athletic experience, the Games have showcased and reflected global developments—on the personal, athletic, political and national levels—of the last 125 years. This session will explore the changes—both physical and philosophical—that have marked that evolution.

*Instructor:* Bill Pruden; JD, Case Western Reserve University; Master’s degrees, Wesleyan University and Indiana University; has taught at Ravenscroft School for 25 years; in addition to his many years teaching government and American history, he has also served as an athletic director and worked with numerous athletes in the admissions process; he has published and lectured on a wide range of historical, political, athletic topics.

*Course #:* LLI-2-203-001

*Two Sessions:* 3:00 - 4:30 p.m.
May 27, June 3

*Limit:* 58  
*Location:* Room 11/12

Fee: $30

When registering, please be aware some classes and events overlap in time.
MULTI-WEEK COURSES

Thursday

A Frontier’s Frontier: Resettlement of NC, 1650-1750

This course presents a review of North Carolina’s early resettlement by Europeans and Africans in the 17th and 18th centuries and the global stimuli that led to their migration, including European conflict, religious reasons, and economic influence.

Instructor: Jonathan Underwood; degrees in history and classical studies, UNC-Greensboro; MA, History, NC State; Director, Stanly County Historic Preservation Commission for eight years; briefly taught NC history at Pfeiffer Univ. before taking position of assistant grand secretary of the Grand Lodge of Ancient, Free and Accepted Masons of NC in 2014.

Course #: LLI-1-424-001
Four Sessions: 9:00 - 10:30 a.m. April 30, May 7, 14, 21
Limit: 58 Location: Room 11/12
Fee: $40

Immigrant Scots in Colonial North Carolina

Scottish immigration to North Carolina began in the early 1700s. The Highland Scots arrived speaking Gaelic in an English colony, and the first Gaelic preacher arrived in 1756. By 1800, at least 20 churches had Gaelic circuit riders preaching monthly. The early churches and ministers will be used extensively as examples of the architecture and the lives of Scottish highlanders who settled largely in the Sandhills of NC. Reasons for leaving Scotland and the immigration of lowland Scots and Ulster-Scots (Scots-Irish) will be discussed. At the start of the American Revolution, most of the recent Highland immigrants remained loyal, while older settlers rebelled or remained quiet. Many eastern Lowland Scots with mercantile interests and Piedmont Ulster Scots had divided loyalties as well. As the British occupied Wilmington and Charleston, civil war flared as American and Loyalist militia warred from the Battle of Moore’s Creek in February 1776, until long past the British surrender at Yorktown in October 1781. Both famous and forgotten battles in North Carolina will be discussed as well as the lingering effects of the war. The brilliant but degraded life of Tory David Fanning will be highlighted.

Instructor: Donald C. McLeod; pharmacy degrees, UNC-Chapel Hill; former assistant director of pharmacy at Duke Medical Center and later chief pharmacist at Buffalo General Hospital; practiced community pharmacy for the past several years and is now retired.

Course #: LLI-2-201-002
Two Sessions: 1:15 - 2:45 p.m. May 14, 21
Limit: 58 Location: Room 11/12
Fee: $30

The Art of Collecting

Collecting is something just about all of us have done at some point in life. Some collections can be personal, made up of mementos that connect us to memories; others may be just for fun, or curated for their monetary value. This course invites some of the Triangle’s best collectors to discuss their favorite items. It will end with a session on how you can find new items for your collections or turn your own treasures into cash in the online collector’s marketplace.

• April 30: Coins -- Coinage was invented around 650 B.C. Minted in vast quantities, millions of ancient coins are in museum displays and vaults, and in private collections. These pieces of art on metal provide a tangible connection to history’s cultures, religions, and people, and we’ll explore some of their stories.

Presenter: Dr. Paul J. Landsberg

• May 7: Sports Memorabilia -- This session will focus on the history and roots of the hobby of collecting sports cards and collectibles. We will discuss the current state of the hobby and current trends. We will explore the future of the hobby, new technology and what we might expect going forward.

Presenters: Jonny and Seth Cannon

• May 14: Stamps -- Stamps can be collected in a variety of ways, including by country, topic, time period, singles, blocks, and on cover (the envelope that carried the letter or other contents). This presentation will include a cover collection that combines stamp collecting with an interest in local history.

Presenter: Harry Albert

• May 21: Postcards -- This session will explore the geographical, military, and political significance of postcards. We will also discuss their role in genealogical research.

Presenter: Ed McMichael

• May 28: Comics -- This session will offer an overview of the history of comics, from the Golden Age (1937-1955) to today. Different styles of collecting will be discussed, as well as Manga, Japanese graphic novels (learn what the grandchildren are into!).

Presenter: Rick McGee

• June 4: eBay -- This session will explore methods used to buy the best quality items at the lowest prices on eBay. You’ll learn how to price your eBay sales and lower your costs, how to find the things you want to acquire, and how shipping can present challenges.

Presenter: Dave Graham

The full biographies of the presenters can be found online.

Course #: LLI-1-427-001
Six Sessions: 3:00 - 4:30 p.m. April 30, May 7, 14, 21, 28, June 4
Limit: 58 Location: Room 11/12
Fee: $55

The Espionage Novels of John le Carré

We will examine modern spy fiction as a sub-genre of the political novel, with particular attention to the master of espionage fiction – John le Carré. Le Carré’s 25
MULTI-WEEK COURSES

 novels, written from 1961 to the present, grapple with moral and philosophical questions within the context of geo-political conflict. His books span the era of the “Cold War,” with its relative clarity about enemy and friend, to the present with its extreme ambiguity and disorientation. We will think about le Carré within the context of a long line of spy novelists, including especially Graham Greene and Joseph Conrad. And we will relate his work to others working today in the espionage field – some with excellent literary credentials, such as Allan Furst, and Olen Steinhauer. What separates them from the likes of Ian Fleming and Robert Ludlum? In looking especially at two of le Carré’s novels – Tinker, Tailor, Soldier, Spy (1974) and The Night Manager (1993), we will note consistencies and differences in le Carré’s thinking about espionage work over time. We will look at how each work approaches these concerns:
- What extreme, and often undemocratic, means are justifiable to protect democracy?
- What are one’s choices when confronted with conflict between connecting with others and loyalty to sovereign?
- What compels and motivates a person to do “secret” work? What happens to one's humanity?
- Is there any room for idealism in “spy work”?
- How do the indirection and ambiguity of le Carré’s style contribute to his themes?
- What purposes does the “craft of espionage” serve in le Carré's plots?
- What are the consequences of this “make-believe work” for the individual and the bureaucracy?
- How do le Carré’s depictions of spy work compare to real-life espionage operations? Participants will get the most out of the class by completing the recommended readings prior to the start of the course. One of the class sessions will be led by Jon Wiant, a highly decorated senior intelligence officer (retired) and a scholar of espionage fiction, now serving as adjunct professor at George Washington University.

Recommended: Tinker, Tailor, Soldier, Spy and The Night Manager.

Instructor: Phyllis Demko; PhD. in English and JD from UNC-Chapel Hill; following a career in higher education as a lawyer, teacher, and human resources administrator, Phyllis is pleased to share with OLLI participants her love of literature; other interests include volunteer activities with The League of Women Voters and Theatre Raleigh.

Course #: LLI-1-421-001
Six Sessions: 10:45 a.m. - 12:15 p.m.
April 30, May 7, 14, 21, 28, June 4
Limit: 58 Location: Room 11/12
Fee: $55

LECTURES

Monday

Catching up with the CRISPR Craze

Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR), together with associated sequences (Cas), constitute the CRISPR-Cas system, which provides adaptive immunity against invasive elements in many bacteria and most archaea. Recently, the CRISPR machinery has been repurposed to fuel the Cas9-enabled genome editing craze. Actually, the democratization of CRISPR-based technologies in the past five years hinges on the portability and functionalities of these molecular machines, and has revolutionized biology. This lecture will look back on the historical milestones that have paved the way for the CRISPR era, and discuss the diverse applications that have impacted and continue to shape the fields of medicine, agriculture, food and biotechnology. The impact that this transformative field has had on science and society will also be addressed, as well as the business implications of this disruptive technology.

Instructor: Rodolphe Barrangou; Todd R. Klaenhammer
Distinguished Scholar in Probiotics Research and professor of food, bioprocessing and nutrition sciences at NC State University; BS, University of Paris; MS, University of Technology in Compiegne; MS, Food Science, NC State; PhD, Functional Genetics, NC State; MBA, Executive Management, University of Wisconsin-Madison; recipient of the 2016 Warren Alpert Foundation Prize through Harvard University and its medical school, and the 2018 National Academy of Sciences prize in food and agriculture sciences; elected into the National Academy of Sciences in 2018.

Course #: LLI-3-267-002
One Session: 9:00 - 10:30 a.m.
May 18
Limit: 120 Location: McKimmon Center - TBA
Fee: $15
Registration Deadline: May 15

Practical Foodscaping with Brie Arthur

Featuring details from both of her books, bestselling author and local foodscape revolutionary, Brie Arthur, shares inspiration to make every central NC landscape beautiful and bountiful. Learn how to cultivate grains and veggies alongside your favorite ornamental plants by employing foodscaping techniques. Discover easy to apply management strategies for long term success, while learning how to naturally improve soil and reduce the need for fertilizer and irrigation. From ancient practices to modern needs (like deterring browsing mammals!) this program will motivate attendees to plant like never before.

Instructor: Brie Arthur; studied landscape design at Purdue University; known for her
leadership with the suburban Foodscape movement and her work with public schools, Brie is a celebrated speaker and bestselling author; a recipient of an American Horticultural Society Award; she has worked as a grower and propagator for leading nurseries and her passions center on sustainable land management and promoting the value of gardening across the US.  

Course #: LLI-3-410-001  
One Session: 11:00 a.m. - 12:30 p.m.  
May 18  
Limit: 120  
Location: McKimmon Center - TBA  
Fee: $15  
Registration Deadline: May 15

Women Writers of the Southern Revolutionary War  
The southern campaigns of the American Revolution are seldom covered in fiction, and by few female authors. A panel of published women will review researched facts and the weaving of literature. They will discuss how they approach inclusion of battles in stories, balance the southern perspective with an American one, and craft fictional characters to interact with historical figures. They will explain how a woman's viewpoint may differ from that of a male novelist or historian, and ways gender has influenced how we learn about the “man’s war.” Learn about the grit and determination required to write compelling war stories that take readers from homesteads to headquarters, and into the trenches of the Revolution.  

Presenter: Suzanne Adair; author of the award winning Michael Stoddard American Revolution mysteries, set in North Carolina; has independently researched the war’s southern theater for twenty years and, for over a decade, experienced the Revolution as a reenactor; a liaison for state Daughters of the American Revolution.  


Course #: LLI-3-403-001  
One Session: 1:00 - 2:30 p.m.  
May 18  
Limit: 120  
Location: McKimmon Center - TBA  
Fee: $15  
Registration Deadline: May 15

Wednesday  
Healthy Pleasure: Plant-Based and Vegan Cooking
Learn how easy, plant-rich meals can help you get healthy and enjoy life more. See how cutting meat, eggs, and dairy can trim your budget. Find out how to get enough protein and which nutrients to watch. Discover ways to update your favorite recipes. Even omnivores will enjoy learning how to reduce fat, eat more fruits and vegetables, and welcome flexitarians and vegans to their tables. Taste samples in class and get menus and recipes to use later.  

Instructor: Linda Watson; Certificate in Plant-Based Nutrition, T. Collin Campbell Foundation and eCornell; author of best-seller Wildly Affordable Organic and Fifty Weeks of Green: Romance and Recipes; runs website CookforGood.com; convenes Project Drawdown workshops.  

Course #: LLI-3-408-001  
One Session: 3:00 - 4:30 p.m.  
April 29  
Limit: 57  
Location: Room 11/12  
Fee: $15  
Registration Deadline: April 27

The Science of Cannabis as Medicine
We will explore the current state of the science on whether cannabis can be considered a medicine. How does the body's cannabinoid system work? What are the related pharmacological actions of Cannabis sativa (aka marijuana) and...
other cannabis-based medicines on the body?

**Instructor:** Chris Breivogel; PhD, Pharmacology, Wake Forest Univ.; post-doctoral training, VCU School of Medicine; BS, Chemistry, UNC-Chapel Hill; Assoc. Professor and Vice Chair of Pharmaceutical Sciences, Campbell Univ. College of Pharmacy and Health Sciences; has studied pharmacology of drugs of abuse, primarily cannabinoids; has published widely in peer-reviewed scientific journals and made many presentations at professional conferences.

**Course #:** LLI-3-354-002

**One Session:** 3:00 - 4:30 p.m. May 13

**Limit:** 57 Location: Room 11/12

**Fee:** $15

**Registration Deadline:** May 11

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**Rodgers and Hammerstein’s Greatest Musicals**

Composer Richard Rodgers and lyricist-dramatist Oscar Hammerstein were an influential, innovative, and successful writing team. They created a string of popular Broadway musicals in the 1940s and 1950s, initiating what many consider the “golden age” of musical theatre. Many of their musicals contained thought-provoking plots with mature themes, in which all the aspects of the play—dance, song, and drama—were combined in an integrated whole. While their work contains cheerful and often uplifting songs, they departed from the comic and sentimental tone of early 20th-century musicals by addressing issues such as racism, sexism, and classism in their most successful shows: Oklahoma!, Carousel, South Pacific, The King and I, and The Sound of Music.

**Instructor:** Bob Chapman; BA, History and MA, American Studies, Trinity College; MS, Library Science, Simmons College; music librarian at Hartford Public Library; host of WCPE Opera House since December 2008; bass-baritone, has performed professionally with many German and American opera companies including North Carolina Opera, Triangle Opera Studio, and the Meredith College Opera Theater.

**Course #:** LLI-3-404-001

**One Session:** 3:00 - 4:30 p.m. May 6

**Limit:** 57 Location: Room 11/12

**Fee:** $15

**Registration Deadline:** May 4

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**The Life and Legacy of Dr. Manassa Pope**

Dr. Manassa T. Pope was one of North Carolina’s most important African American leaders. As one of the state’s first licensed black doctors, Pope led his community in business, politics, and military affairs. He was one of a growing number of men at the turn of the century who campaigned for progress and civil rights during a violent time. Along with his daughters, Pope left an important legacy that shaped generations of African Americans in North Carolina.

**Instructor:** Ernest Dollar; BA, History, UNC-Greensboro; BFA, Design, UNC-Greensboro; MA, Public History, NC State; began working in historic sites in 1993, including parks in North and South Carolina; Executive Director of the City of Raleigh Museum and the M.T. Pope House Museum since 2012; native of Durham, NC.

**Course #:** LLI-3-413-001

**One Session:** 3:00 - 4:30 p.m. May 20

**Limit:** 57 Location: Room 11/12

**Fee:** $15

**Registration Deadline:** May 18

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**The Truth About Food Safety**

The internet is rife with messages around safe food handling, some correct, but many created without scientific data to support them. These food safety myths are widely circulated on social media and other internet-based outlets, perpetuating misinformation on proper food safety practices and allowing them to persist. Relatively few of the myths have been tackled and debunked effectively. This session aims to explore why these food narratives persist and spread, and will discuss examples of research on specific food safety myths such as the 5 second rule and double dipping.

**Instructor:** Dr. Ben Chapman; associate professor and food safety extension specialist at NC State; as a teenager, a Saturday afternoon viewing of the classic cable movie, Outbreak, sparked his interest in pathogens and public health; co-hosts a biweekly podcast called Food Safety Talk and publishes barfblog.com

**Course #:** LLI-3-318-002

**One Session:** 10:45 a.m. - 12:15 p.m. May 27

**Limit:** 57 Location: Room 11/12

**Fee:** $15

**Registration Deadline:** May 25

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**The Future of Heirloom Chrysanthemums — Dinosaur or Phoenix?**

Our grandparents grew large mop headed and spider mums in their gardens, but these once common backyard flowers are now rarer than orchids. In the United States, there is currently only one retail source for the plants. Their propagation is easy enough that children can grow them. You will learn about the 13 classes of chrysanthemums, see propagation techniques demonstrated, learn the growing steps to achieve huge 10” – 12” blooms, and fall in love with their fantastic forms and colors. This is an ideal time to learn about and grow these mums since the National Chrysanthemum Society will be holding its Annual Show in Durham Nov. 7-8. Each attendee will receive mum cuttings to propagate.

**Recommended:** Visit: www.carolinamums.org and read “About Chrysanthemums.” Also visit: www.mums.org

**Instructor:** Joan Matthews; President of the Central Carolina Chrysanthemum Society; member of the Board of Directors for the National Chrysanthemum Society; member of the National Chrysanthemum Society...
Society; lecturer on exhibition chrysanthemum growing.

**Course #:** LLI-3-330-002  
**One Session:** 10:45 am - 12:15 p.m.  
**June 3**  
**Limit:** 57  
**Location:** Room 11/12  
**Fee:** $15  
**Registration Deadline:** June 1

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**Thursday**

**Raleigh’s Historical City Cemeteries**

Discover the history of Raleigh's historical city cemeteries, including City Cemetery, Mount Hope Cemetery, and Dorothea Dix Hospital. We will discuss the histories of the cemeteries and some of their inhabitants, maintenance, and day-to-day challenges that the cemeteries face…you may be surprised!

**Instructor:** Ryan Lerch; BS, Outdoor Recreation; AS, Park Mgmt.; City of Raleigh employee since 2013; Parks and Recreation Maintenance Management School, 2016.

**Course #:** LLI-3-407-001  
**One Session:** 1:15 - 2:45 p.m.  
**April 30**  
**Limit:** 57  
**Location:** Room 11/12  
**Fee:** $15  
**Registration Deadline:** April 28

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**The History of Hip Hop Culture**

Rap music started giving disenfranchised youth a voice in the 1970s. It remains a style of music influenced by the many cultures and experiences found in inner city communities. This lecture will explore how hip hop culture laid the foundation for and shaped a musical style that evolved from the sounds of the streets to a billion dollar industry. We will consider the social, economic and political factors associated with hip hop culture, past and present.

**Instructor:** Cesar Comanche; Recording Artist, International Touring Artist, Music Distributor, Studio Engineer, Music Arranger, Vocal Coach, and Consultant; inducted into the Black Jedi chapter of The Universal Zulu Nation in 2011; nominated for a Juno Award in 2009; nominated for an AIM Award in 2007; former NC State student.

**Course #:** LLI-3-406-001  
**One Session:** 1:15 - 2:45 p.m.  
**May 7**  
**Limit:** 57  
**Location:** Room 11/12  
**Fee:** $15  
**Registration Deadline:** May 5

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"Our programs are popular! Be prepared with second choice options when you register."  

**The Wonderful World of Bees**

This lecture offers a general introduction to the types of bees around us, with a particular focus on honey bees. We will demonstrate the need for bees to protect the health of our environment, and explore how our environment is negatively impacting our bee populations.

**Instructor:** Roger Montague; BS, MA from NC State; 40 year career with USDA, 5 year career with Bayer CropScience; hobbyist beekeeper and pollinator friendly gardener.

**Course #:** LLI-3-405-001  
**One Session:** 1:15 - 2:45 p.m.  
**May 28**  
**Limit:** 57  
**Location:** Room 11/12  
**Fee:** $15  
**Registration Deadline:** May 26

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**Personal Films, Personal Journeys**

Local filmmaker, Jim McQuaid, will share the story of his journey through writing, technology and the arts, to his passion for personal film projects and a search for meaning.

**Instructor:** Jim McQuaid; BA, Political Science, University of Michigan; MFA, Photography, Ohio University; professional experience includes university teaching in Photography and the History of Photography, Principal Investigator: Oral History Project at International Museum of Photography/George Eastman House, marketing, communications and product management, video production; video producer and award-winning filmmaker.

**Course #:** LLI-3-412-001  
**One Session:** 1:15 - 2:45 p.m.  
**June 4**  
**Limit:** 57  
**Location:** Room 11/12  
**Fee:** $15  
**Registration Deadline:** June 2
By registering for a study trip or event, participants agree to hold NC State University and its employees harmless in the event of personal injuries, accidents, property damages, delays and losses of any kind. All study trips and events are organized and accompanied by Joan Hardman-Cobb, OLLI’s Assistant Director. **Trips will proceed rain or shine.** Trips and events are for OLLI members. **No substitutions are possible on study trips.** If you find yourself unable to participate in a study trip, please contact the office.

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**STUDY TRIPS/EVENTS**

**SPECIAL EVENT:**

**Instructor Appreciation Social**

Join us as we gather to honor the instructors and presenters who have volunteered with OLLI during the 2019-20 program year. Let your instructors know how much you appreciated and enjoyed their work this year! Enjoy heavy hors d’oeuvres and an assortment of wine, beer and other beverages, as you mingle with instructors and your fellow members. Opening remarks and recognition begin at 5:15 pm. Don’t miss this celebration of another outstanding year for OLLI at NC State!

*Course #: LLI-4-020-007  
One Session: 5:00 - 6:30 p.m.  
Date: May 11  
Limit: 200*

*Location: McKimmon Center - 2C  
Fee: $5  
Registration Deadline: May 5*

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**Monday**

**Juniper Level Botanic Garden**

Juniper Level Botanic Garden was established in 1988 by NC State alumnus Tony Avent with the aim of being the most unique botanic garden in the world. Over 80 botanical expeditions, both domestic and international, have originated from the gardens in the quest for new plants. This plant exploration, together with careful selection and breeding, means that the gardens have an incredibly diverse plant collection with over 22,000 unique plants. We will have a guided walk around the 28 acre garden. Features include a Grotto Garden with Waterfall, Rock Garden, Fountain Garden, Aquatic/Bog Filtration Garden, Alpine Scree Garden, Hardy Tropical Garden, and Drought Border. As well as being a display area, the garden functions as a conservation, research and development facility. The gardens are also the location for the Center for Mindfulness and Nonduality, founded in 2013 and run by Anita Avent, Tony’s daughter. After our visit we will eat lunch at a local restaurant, included in your registration fee.

*Note:* Wear comfortable walking shoes as we will be walking and standing throughout the garden tour. Bring sunscreen, a hat, sunglasses, bug spray and a filled water bottle to keep you hydrated. The trip will proceed rain or shine.

*Course #: LLI-4-129-001  
One Session: 9:15 a.m. - 2:30 p.m.  
April 27  
Limit: 32  
Fee: $60  
Includes: Transportation by NC State bus, garden tour and lunch.  
Depart: 9:15 am  
Return: 2:30 pm  
Registration Deadline: April 20*

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**Thursday**

**Hindu Temples of the Triangle**

A Hindu temple is a place of worship for all. Our short journey to Cary in the morning will take us to the Sri Venkateswara Temple, an example of a South Indian style temple with very elaborate architecture. Our next stop will be to a North Indian style temple in Morrisville, which is also home to the Hindu Society of NC. We will learn about architectural styles, rituals and festivals, icons of worship, and educational initiatives. During the visit, it is possible that the temple may be conducting discourses or festival rituals, such as bathing an icon. Individual or group singing of chants may also be taking place while we are there. Our guide will explain all the details during the visit. Lunch is included and will be at a nearby Indian restaurant.

*Note:* You will be standing and walking for up to an hour on each of the tours. Wear socks, since you will be asked to take off your shoes when you enter the temples.

*Course #: LLI-4-117-002  
One Session: 9:00 a.m. - 1:45 p.m.  
April 30  
Limit: 30  
Fee: $55  
Includes: All tours, lunch, and transportation on NC State school bus  
Depart: 9:00 a.m.  
Return: Approximately 1:45 p.m.  
Registration Deadline: April 23*

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**Alpaca Farm and Winery/ Distillery in Pittsboro**

M & M Alpaca Farm is a family-owned and operated farm in Pittsboro. The whole family, including children, are involved in the daily demands of farm life. We will see Suri and Huacaya alpacas of all colors on the farm and learn about what it takes to breed, rear, and show them. We’ll also meet the alpacas’ guard dog buddies! The property has a fiber studio and educational center that offers classes in crocheting, knitting, weaving, and Alpaca 101. Alpaca products are for sale in the retail store. Next, we’ll stop for a self-pay lunch at your choice of venue in downtown Pittsboro. There will be time to browse the downtown businesses, including galleries, a
STUDY TRIPS/EVENTS

Center is open to the public, so you space for individual projects. The equipment, classes, and work space for individual projects. The Center is open to the public, so you may be tempted to learn a new skill. At the end of the tour, there will be a unique surprise opportunity! Afterwards we will enjoy a self-pay lunch at one of the many dining options in Talley Student Union.

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

One Session: 9:45 a.m. - 12:30 p.m.
June 4
Limit: 24
Fee: $35
Includes: Transportation by NC State bus and tour. Lunch is self-pay.
Depart: 9:45 am
Return: Approximately 12:30 pm
Course #: LLI-4-125-002
Registration Deadline: May 28

Friday

The Pope House Museum and Other African American Historic Sites

The Pope House, built in 1901, is a restored home once owned by Dr. M.T. Pope, a prominent African American who lived in Raleigh. The Pope House is listed on the National Register of Historic Places. As we visit the museum, one of the oldest standing houses on Wilmington Street, we will learn about Dr. Pope’s life, his medical practice, his family, and his contributions to the African American community in Raleigh. We will also learn about the African American influence in downtown Raleigh as we visit other significant locations, including Stronachs Alley and Shaw University. Afterwards, we will have a self-pay lunch at a local restaurant.

Note: Participants must be able to walk 4 blocks and stand and walk throughout the tours, which will last up to 2 hours. Wear comfortable walking shoes and dress for the weather conditions on the day, as part of this tour will be outdoors. Bring a filled water bottle to keep you hydrated throughout the morning.

Course #: LLI-4-130-001
One Session: 9:15 a.m. - 1:15 p.m.
May 22
Limit: 25
Fee: $40
Includes: All tours and transportation on NC State bus.
Lunch is self-pay.
Depart: 8:45 am
Return: 1:00 pm
Registration Deadline: May 15

Frank Thompson Hall - NC State’s Most Beautiful Building?

Dr. Tom Stafford, retired vice chancellor for student affairs, describes Thompson Hall as NC State’s most beautiful building. Join us for his newest campus tour and decide if you agree. Thompson Hall was built in 1925 and once housed the university gym. Today you may be more familiar with it as the location of Thompson Theater and the Crafts Center. Learn about the history of the building, receive backstage theater tours, and hear what goes into staging a production. See where sets are made and costumes are fashioned, and view dressing rooms, scenery props, and a fabulous collection of ladies shoes in every color and size. Next, we head to the Crafts Center, one of the country’s largest on a university campus. See how the Center provides all the equipment, classes, and work space for individual projects. The Center is open to the public, so you may be tempted to learn a new skill. At the end of the tour, there will be a unique surprise opportunity! Afterwards we will enjoy a self-pay lunch at one of the many dining options in Talley Student Union.

Note: Wear comfortable, closed-toe shoes for the farm visit. Be prepared to walk and stand for up to an hour.

Participants must be able to climb a few steps to enter buildings and walk on gravel paths. Bring a hat, sunglasses, sunscreen, and a filled beverage bottle to keep you hydrated throughout the day.

Register online at www.ncsu.edu/olli
Registration Procedures
OLLI membership is required for participation in courses, trips, and events. Membership fee for April 27, 2020- July 31, 2020 is $20 per member. The fee is due at the time of enrollment.

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 at 919.515.5782 and pay by credit card
• by coming to the OLLI office, room 225 at the McKimmon Center from 8:00 a.m. to 4:30 p.m., Monday through Friday,
• by mailing the registration form and a check to the address shown on the registration page.

Plan to attend on the scheduled dates unless you are notified of a change. Most classes meet in the McKimmon Center. Bring a sweater, rooms are sometimes chilly. OLLI reserves the right to cancel any class or event due to under-enrollment and to substitute faculty or make other changes as needed.

Online Registration
OLLI members are not required to register online, but there are many advantages to doing so. Online registration is the quickest way to register, with almost immediate enrollment and confirmation of your schedule.

Tips for registering online are available on our website: www.ncsu.edu/olli.

If the OLLI office has entered previous registrations for you or you've requested a catalog online, we have created an account for you. If you then wish to register online, please contact the office first so we can give you your User ID. This will avoid creating a duplicate account that might not have your membership attached to it. Once you are set up, you can use your account to view your class schedule as well as your history of classes taken.

New email, phone number or address?
Be sure to let us know so you receive the latest OLLI news!

Refunds
• Lectures, classes and study trips overlap in time. Transfer/drop fees apply if you double book yourself.
• Courses: Members may request a refund of a course 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 courses/events with fees of $25 or less.
• Study trips/events: Refunds for study trips/events 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. Participants in multi-day trips are strongly encouraged to get travel insurance.
• A $10 fee will be charged per member per transaction if a member wants to change to a different class or event once his/her registration has been processed.
• If you cannot attend, we cannot allow substitution 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 apply the fee to another course or trip in the semester). Please allow three weeks for processing refunds.
• The membership fee will not be refunded.

OLLI Member Benefits/Wolfpack One ID Card
While the Wolfpack One ID card is not required to attend classes, members may want to obtain a Wolfpack One card in order to take full advantage of several university benefits.

• Member benefits requiring the Wolfpack One card:
• Check-out privileges at NC State Libraries.
• Movies at the Campus Cinema
• Admission to non-revenue sports such as Wolfpack Women’s basketball, gymnastics, and men’s baseball, though subject to availability on the day of the event. (Sold out games are announced at gopack.com.)

• 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. (Same as senior discount.)
• 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 Wolfpack One card after April 27 at the Campus ID Office located in the Talley Student Union. Talley Student Union is located between Cates and Dunn Avenues. The Campus ID office is immediately to your left from 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 from 8:00 am until 5:00 pm, Monday through Friday, and the phone number is 919.515.3090. If you join OLLI after April 27, allow two weeks for processing between the time you register with OLLI and when you get your Wolfpack One card. The card is free, but replacement cost is $20.
Parking
Parking in the front lots of the McKimmon Center is free and usually plentiful. Park in the green-striped spaces. If we know in advance when parking will be tight because of other events at McKimmon, we will include that information in the class announcements and broadcast via email. **NOTE:** There is no parking specifically designated for OLLI members. If attendants are present, let them know you are with OLLI and follow their directions.

Class Cancellations Due to Weather/Climatic Conditions
All OLLI programs, including off-site classes and study trips, will be canceled when the Wake County Public Schools close to students **because of adverse weather.** Wake County School delays in opening do not affect OLLI’s schedule; we operate on a normal schedule. When the school system closes early because of impending weather, we typically do not cancel OLLI classes, but watch for an email from the OLLI office under those circumstances. We will also Tweet status reports, which can be found by scrolling down on the main page of our website.

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 James B. Hunt Library (main libraries) and three branch libraries: Natural Resources, Design, and Veterinary Medical. Borrowing privileges and access to the Libraries’ extensive collections of books, 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 the final exam periods, the libraries are open only to faculty and students enrolled in courses for credit. The libraries are not accessible to OLLI members during the 10:00PM - 7:00AM time period. More information about the privileges that are open to OLLI members can be found here: www.lib.ncsu.edu/borrow/privileges. To register for privileges, OLLI members must present the Wolfpack One ID card at D.H. Hill Jr. or James B. Hunt Library’s help desk.

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

Lunch/McKimmon Corner Café
While at the McKimmon Center, OLLI members can become better acquainted with each other at the McKimmon Corner Café, which offers coffee, light meals and snacks.

Photographs
By registering for OLLI, you give us permission to use your photo. If you do not wish to be photographed, please notify the photographer at the event.

Physical Needs
The McKimmon Center is accessible. OLLI can make accommodations for special physical needs; please contact the office at least two weeks prior to the start of the class.

For the Latest News....
Go to our website and click on “latest news.” On Facebook you can view photos from events and trips, learn about interesting events going on at NC State and in our community, read relevant news stories and posts from our community friends. Follow the link on our website, “like” us and you can post content of your own!

OLLI STAFF

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**E-MAIL**
Please include your e-mail on the registration form. It’s the best way for us to contact class members when there are schedule changes or when we want to let you know about special opportunities.

OLLI is a unit of the McKimmon Center for Extension and Continuing Education at North Carolina State University. The information shared and/or opinions expressed are a reflection of the individual presenter(s). The ultimate responsibility for any decision made or actions taken based on the information provided rests with the member.
The Osher Lifelong Learning Institute is financed primarily through membership and program fees. Please consider making a gift of any size to help enhance programming and support financial aid. In addition to The Bernard Osher Foundation and our catalog sponsors, we thank the following generous donors who have made contributions to OLLI at NC State in the current fiscal year.

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- Russell Brownell
- One anonymous donation

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- Jay Riley (in honor of Joan Hardman-Cobb)

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- Helen Holt
- Tricia Inlow-Hatcher
- Linda Jones (in honor of Dr. Jim Clark)
- Carol Kasworm
- Richard & Joyce Klein (in honor of Tom Price)
- Chuck & Peggy Korte (in honor of OLLI staff)
- Wayne Love
- John Low & Julia Hobbie-Low
- Erin Malloy-Hanley
- Claire Marshall
- Robert & Linda Metz
- Mack & Debbie Morrison
- Marie Moylan
- Mark & Gale Nichols
- Jack & Cary Peterson
- Suzy Purrington
- Dick Roddy
- Billy & Norma Rowe
- John Rybovich
- Nancy Schanz
- Rick Shore
- Linda Silber
- Sherrill Stanley
- Chris Taylor
- Thomas Toms
- Kevin Waters
- Claudia Williams
- George Wilson

### OLLI Annual Giving

OLLI is primarily funded through membership and program fees, as well as donations. Annual Giving allows us to keep program fees as low as possible and support financial aid. Include a donation when you register or go to our website and select “Give Now.”
OLLI SUMMER 2020 REGISTRATION

Name ______________________________________________________________________________________________

Address ____________________________________________________________________________________________

City/State/Zip _______________________________________________________________________________________

Primary Phone______________________________________ Other Phone____________________________________ 

Email ______________________________________________________________________________________________ 

New to OLLI?   Yes ____      No____    If yes, how did you hear about OLLI? _______________________________

Example:

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<td>$20</td>
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For additional copies of this form, go to our website at www.ncsu.edu/olli
TIME SENSITIVE INFORMATION
OPEN IMMEDIATELY!

Contact us at 919.515.5782, room 225 of the McKimmon Center. If you no longer wish to receive this catalog, please let us know.

OLLI VOLUNTEER OPPORTUNITIES

• Finance and Development Committee
• Hospitality Committee
• Membership Development and Marketing Committee
• Program Development Committee
• Program Development Subcommittees
• OLLI Voices Member Blog

There are also opportunities to teach, host a class, and organize our special interest groups.

OLLI at NC State: More than just great classes!