Spring Semester 2021
First Term: January 19 – March 9
Second Term: March 15 – April 23
Non-credit short courses, lectures, study trips, and special events for adults aged 50+
ncsu.edu/olli
919.515.5782
Osher Lifelong Learning Institute
Welcome to OLLI’s 30th Anniversary Year!

Who would have guessed we’d be kicking off our 30th anniversary year during a disruptive pandemic? Although we’ll be starting this year virtually, we have high hopes of being together to celebrate as 2021 progresses!

2020 has been an adventure, but OLLI is a group effort, and we’ve been happy with how our members and instructors have come together to create our Virtual Classroom. While not the same as our face-to-face classroom space in the McKimmon Center, we’ve been pleased with the level of interaction that is possible on Zoom.

Here’s how you can help make Spring 2021 a great semester:

• Think of Zoom as a Virtual Classroom; imagine yourself in the McKimmon Center classroom space, and follow the typical etiquette that is the norm in our physical classroom space.
• Enable your camera on your computer or smart device -- our volunteer instructors have been so generous and flexible in moving to the Zoom platform. It can be more challenging to teach in this environment, so please do your part by showing your face to the instructor. Instructors feed off of energy shown on the faces of their participants. But if you don’t have a camera for your computer, that’s okay, don’t let that be an obstacle to your participation!
• Participate in our Zoom socials; these are so much fun and provide a chance to meet fellow OLLI members in a more casual setting.

Are you new to Zoom? Click here to view our tips for getting started.

With gratitude to all who make the OLLI Virtual Classroom a success,

Tricia Inlow-Hatcher
Director, OLLI at NC State

OLLI’s Program Development Committee, composed of member volunteers, at one of our monthly virtual meetings this fall!
Monday

Crowded Space: Managing Space Junk and Visiting Space Rocks in Low-Earth Orbit
Near Earth Objects (NEOs) are objects that orbit the Earth within a distance of 120 million miles. Space junk includes man-made objects that orbit closer to the surface of the Earth and are represented by objects as small as a bolt or as large as a derelict spacecraft. There are a huge number of objects, both natural and man-made, that orbit the Earth. Most of these objects pose no threat to human activity, but a number do represent a risk to life or other spacecraft. What criteria distinguishes each group’s risk to humanity? Many of the natural objects are known, but certainly not all of them. For those objects that pose a risk, what are the options to avoid problems? What solutions for avoidance and clean up are possible? Addressing these issues is of paramount importance to mankind’s future and to low Earth space operations.

*Instructor:* Dr. Harry Titus; educated in Art and Architectural History at the University of Wisconsin-Milwaukee and at Princeton University, where he earned a Ph.D degree; he was a member of the Art Department at Wake Forest University for 33 years before retiring to Raleigh; his special interest is French Gothic Architecture and Art.

**Course #:** LLI-1-459-001

**Six Sessions:** 10:45 a.m. - 12:15 p.m. Jan. 25, Feb. 1, 8, 15, 22, Mar. 1

**Limit:** 100  **Location:** Online

**Fee:** $55.00

**Registration Deadline:** Jan. 21

“I’ve really enjoyed my first experience with Zoom classes. And I look forward to all my upcoming classes and lectures.”

Great Decisions 2021
This eight-week discussion course will cover a different international or foreign policy topic each session. 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):

- Global supply chains and national security
- Persian Gulf security issues
- Brexit and the European Union
- Struggles over the melting Arctic
- China’s role in Africa
- The Korean Peninsula
- Roles of international organizations in a global pandemic
- The end of Globalization?

**Note:** If you have enrolled in this course in the past, note these changes to how you will obtain course materials and how the course will be organized: Materials are NOT included in this year’s lower course fee. Instead, you will need to purchase your own copy of the Great Decisions 2021 Briefing Book and a Vimeo subscription or DVD directly from the Great Decisions website at:

**The additional cost for these materials is estimated to be $65.** Review the costs and purchase options **before** enrolling in the course. Participants will view the video on their own, prior to the class meeting, which will allow more time for discussion of each week’s topic. There are two different sections/facilitators for this course. Choose the section that best fits your schedule, and check listings for facilitator information.

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

**Course #:** LLI-1-042-017

**Eight Sessions:** 10:45 a.m. - 12:15 p.m. Jan. 25, Feb. 1, 8, 15, 22, Mar. 1, 8, 15

**Limit:** 24  **Location:** Online

**Fee:** $65.00

**Registration Deadline:** Jan. 21

Electrification of America — Edison, Tesla, Westinghouse
What would your life be like without electricity? We don’t give it a second thought; until it’s NOT there! But how did the electrification of America happen? It wasn’t a smooth, straight path from city streetlights to washing machines and vacuum cleaners in homes of rural America. Thomas Edison is credited, correctly, with creating the first practical electric light. This led to power stations and electrical distribution systems for
city centers. Edison’s system was based on direct current (DC), but he lost the Current Wars to a former employee, Nicola Tesla, who advocated the alternating current (AC) system. Physics and economics made AC the preferred system, but it wouldn’t have rapidly succeeded without the business acumen and financial backing of George Westinghouse.

Instructor: Thomas Toms; BSEE NC State; IEEE & ISA; over forty years of experience as a design engineer in the fields of systems integration, man-machine interfaces, cyber security, process control, automation, and archiving of historical data.
Course #: LLI-1-471-001
Four Sessions: 1:15 - 2:45 p.m.
Jan. 25, Feb. 1, 8, 15
Limit: 58 Location: Online
Fee: $40.00
Registration Deadline: Jan. 21

Before you register . . .

Please be aware that classes, lectures, and study trips overlap in time. We suggest you double-check the dates and times of your choices before finalizing your registration. Fees apply if you find that you later need to cancel or switch classes.

Buckle Up, Buttercup: Navigating Public Health Crises and Controversies

Public health systems are inherently political, and often viewed as too expensive until an epidemic or a disaster occurs. Threats to national and global public health include: emerging and re-emerging infections, diseases of despair including depression, opioid use, overdose and suicide; resurgence of vaccine-preventable diseases; racial and ethnic health disparities; violence; antibiotic resistance; pollution and environmental destruction. The public health approach includes four steps:

- Defining the problem by systematic data collection on the magnitude, scope, characteristics and consequences of the problem.
- Establishing why the problem occurs by identifying causes and correlates, factors that increase or decrease the risk, and factors that could be modified through interventions.
- Learning what works to prevent the problem by designing, implementing and evaluating interventions.
- Implementing promising interventions in a wide range of settings, monitoring their effects on risk factors and target outcome(s), and evaluating their impact and cost-effectiveness.

A common theme will be the vital need to build a strong global public health network to protect humankind from complex new threats.

Format: fact sheets/handouts will be emailed a week prior to class, giving an overview on the magnitude, characteristics and impact of the problem, identifying known risk factors, testing proposed interventions and evaluating their effectiveness; class will involve an overview followed by a seminar discussing each unit and current developments (hot topics) in public health.


Instructor: Mark Long, MPA, Univ. of Georgia; worked for 38 years in public health and research oversight for the Centers for Disease Control and Prevention, The University of Medicine and Dentistry of NJ, St. Jude Children's Research Hospital, and in the Dept. of Veteran Affairs; has taught OLLI courses on public health, human research abuses, ethics, racism and the history of science.

Course #: LLI-1-439-002
Six Sessions: 1:15 - 2:45 p.m.
Jan. 25, Feb. 1, 8, 15, 22, Mar. 1
Limit: 100 Location: Online
Fee: $55.00
Registration Deadline: Jan. 21

The Incredible Adventures of the Nansen Family

Norwegians Fridtjof Nansen and Odd Nansen, father and son, together comprise two of the most interesting figures of the 19th and 20th centuries. The first session will focus on Fridtjof Nansen (1861-1930), considered the godfather of all modern polar explorers. In 1888, at age 26, he became the first person to successfully cross Greenland from coast to coast. At age 31, he organized and led a second expedition to the North Pole, which lasted 3 1/2 years. This lecture will focus on the challenges he faced and his indomitable will to overcome all obstacles. Session two will focus on Fridtjof’s son, Odd Nansen (1901-1973), and the World War II concentration camp diary he secretly kept while a prisoner of the Nazis from 1942 to 1945. Out of print for over 60 years, Timothy Boyce rescued the diary from oblivion after reading the memoir of another Holocaust survivor, whose life, as a 10-year-old boy, was saved by Nansen while both were prisoners in Germany. The lecture will explain who Nansen was, why he was arrested, why he wrote the diary, and why it is as important today as when first written.

Instructor: Timothy Boyce; MBA, Wharton School, JD, University of Pennsylvania; BS, Foreign Service, Georgetown University; practiced law for 35 years with Dechert LLP; a global law firm with offices in 14 countries; retired in 2014 to devote full-time to writing.

Course #: LLI-2-220-001
Two Sessions: 1:15 - 2:45 p.m.
Feb. 15, 22
Limit: 100 Location: Online
Fee: $30.00
Registration Deadline: Feb. 11

Great Books Discussion: Great Conversations 5

Join us for great conversations about classic texts. We’ll be reading selections from Great Conversations 5, an anthology compiled by the Great Books Foundation and available for $24.95 at store.greatbooks.org. The course spans two terms to allow
time for thoughtful reading between sessions. Our schedule:

**Jan. 25:** Euripides, *Hekabe*
**Feb. 8:** John Stuart Mill, *The Criterion of a Good Form of Government*
**Feb. 22:** Reinhold Niebuhr, *The Children of Light and the Children of Darkness* (selection)

**March 15:** Richard Wright, *Bright and Morning Star*
**March 29:** Simone Weil, *Human Personality*

**April 12:** Jean Paul Sartre, *Why Write?*

**Required:** *Great Conversations 5*; purchase for $24.95 at store. greatbooks.org. If you participated in the course offered during fall semester, this is the same book, but different selections. Enroll in this course only if you are willing to complete the readings, actively participate in class discussions, and enable to camera on your laptop or smart device to participate in the online discussions.

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

**Course #:** LLI-1-468-001  
**Six Sessions:** 3:00 - 4:30 p.m., Jan. 25, Feb. 8, 22, Mar. 15, 29, Apr. 12  
**Limit:** 15  
**Location:** Online  
**Fee:** $55.00  
**Registration Deadline:** Jan. 21

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**Tuesday**

**Revitalizing Your Third Age**

**Relationships in the Time of COVID-19**

The Third Age refers to the time in one’s life that occurs after retirement, with a focus on health, vigor, and an exploration of identity and purpose. There are many paths leading into and through this time, some of which have been affected by the global pandemic and its health, economic, and daily-living implications. This course will directly explore how romantic, familial, and platonic relationships are impacted as we live further into this time, and offer helpful tools to achieve a greater sense of connection with the people in our lives. Considered through the lens of the global pandemic, the objectives of this course include: providing an exploration of the psycho-social impacts of retirement and/or extended work on individuals and family systems; re-examining one’s identity and meaning through the Third Age, equipping participants with practical tools to enhance their relationships, old and new, including building psychological portfolios and profiles; and giving participants a cache of bibliographic, online, and community-based resources to help navigate this time.


**Instructor:** Hugh Willard; holds degrees in Psychology and Counseling and is a psychotherapist and retirement coach with 29 years of experience; 2008 President of the Licensed Professional Counselors Association of NC; has facilitated workshops locally and nationally; has guest lectured at several area universities including UNC-Chapel Hill and NC State.

**Course #:** LLI-2-224-001  
**Three Sessions:** 9:00 - 10:30 a.m., Jan. 19, 26, Feb. 2  
**Limit:** 58  
**Location:** Online  
**Fee:** $40.00  
**Registration Deadline:** Jan. 14

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**The Gift of Years - Growing Older Gracefully (Part II)**

We will discuss the second half of Joan Chittister’s book, *The Gift of Years*. Chittister is a kind optimist about the richness of life’s harvest as we grow older. She recognizes that we are leaving adult roles behind and evolving new elder roles and experiences as we grow older. She encourages our own reflection, review, and sharing of our hopes, fears, and learning as we age. At the end of each short chapter, Chittister summarizes by stating the Burdens and Blessings of aging in that area of living. We will discuss 18 of the topics found in the second half of her book. Examples are Time, Wisdom, Solitude, Spirituality, Loneliness, Forgiveness and Legacy. We will cover three topics each week. After a brief discussion of a topic, we will break into randomly assigned dyads to share our personal experiences on the topic. Recognizing that you have precious and meaningful life-wisdom, you will share in your dyad your experiences regarding the Burdens and Blessings of that topic in aging. Before going on to the next topic, we will harvest discovered nuggets of life wisdom from the whole group. Guidelines for confidentiality, sincere sharing, and deep listening will be maintained. This course provides the opportunity to explore what your own aging means to you while you learn what it means to others. Participation in the first half of the course, offered in first term Fall 2020, is not a prerequisite to enrolling in this course.

**Required:** *The Gift of Years*, Joan Chittister

**Note:** It is expected that participants will enable their camera and microphone on their computer or smart device in order to contribute to the discussions.

**Instructor:** Don Adams, Ph.D.; retired Child and Family Psychologist who practiced in the Triangle Area for 50 years; after education and training at Haverford, Stanford, and Duke, he settled his family and his practice in Cary; upon retiring in 2015, Don began a new career as a Certified Sage-ing Leader and as Sage-ing International’s Education Team Leader; he has facilitated the basic Sage-ing introductory program, “Awakening the Sage Within,” 3 times for OLLI; in addition to mentoring elders, he is a grandfather to 17 grandchildren, and an active writer of more than 75 life stories to leave as a part of his life-legacy.
**Great Decisions 2021**

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- Global supply chains and national security
- Persian Gulf security issues
- Brexit and the European Union
- Struggles over the melting Arctic
- China’s role in Africa
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- Roles of international organizations in a global pandemic
- The end of Globalization?

**Note:** If you have enrolled in this course in the past, note these changes to how you will obtain course materials and how the course will be organized: Materials are NOT included in this year’s lower course fee. Instead, you will need to purchase your own copy of the Great Decisions 2021 Briefing Book and a Vimeo subscription or DVD directly from the Great Decisions website at [https://www.fpa.org/great_decisions/?act=gd-books](https://www.fpa.org/great_decisions/?act=gd-books). The additional cost for these materials is estimated to be $65. Review the costs and purchase options before enrolling in the course. Participants will view the video on their own, prior to the class meeting, which will allow more time for discussion of each week’s topic. There are two different sections/facilitators for this course. Choose the section that best fits your schedule, and check listings for facilitator information.

**Instructor:** Jon A. Wiant; authority on 20th Century intelligence operations; as an intelligence officer, his career spans nearly 40 years, from agent handling in Vietnam to service as White House Director of Intelligence Policy and as Deputy Assistant Secretary of State for Intelligence with oversight of espionage and covert action; at Defense and the CIA he managed restructuring post-Cold War sensitive intelligence operation; the Director of Central Intelligence presented Wiant the National Intelligence Distinguished Service Medal; post-retirement, Wiant has been a university professor and a frequent lecturer for Viking Ocean Cruises and for Road Scholar programs.

**Course #:** LLI-1-477-001
**Six Sessions:** 1:15 - 2:45 p.m.
Jan. 19, 26, Feb. 2, 9, 16, 23
**Limit:** 100  **Location:** Online
**Fee:** $55.00
**Registration Deadline:** Jan. 14
To Live Woke in America: Discussions with Dr. Rupert Nacoste

Over the 31 years of his career at NC State University, Dr. Rupert Nacoste has engaged college students and our nation in a new conversation about racial and other American intergroup issues. What has made his approach new is his concept of “neo-diversity.” Dr. Nacoste defines neo-diversity as this time and circumstance in America where we all have to encounter and interact with people not like us; we cannot avoid contact with people who may not look like, sound like, believe like, or love like us, but who are present as equals in our work, play, school, and shopping experiences. Neo-diversity is that new interpersonal-situation of America. Join Dr. Nacoste for a focused discussion of his newest work To Live Woke: Thoughts to Carry in Our Struggle to Save the Soul of America, and explore issues of social justice and identity that are ever present in our lives.

Recommended: To Live Woke: Thoughts to Carry in Our Struggle to Save the Soul of America, Dr. Rupert Nacoste

Instructor: Dr. Rupert Nacoste; Alumni Distinguished Undergraduate Professor at NC State; in 2013 was NC State Campus Winner of the UNC Board of Governor’s Excellence in Teaching Award; author of Taking on Diversity: How We Can Move from Anxiety to Respect. and To Live Woke: Thoughts to Carry in Our Struggle to Save the Soul of America.

Course #: LLI-1-479-001
Six Sessions: 1:15 - 2:45 p.m. Jan. 19, 26, Feb. 2, 9, 16, 23
Limit: 100 Location: Online
Fee: $55.00
Registration Deadline: Jan. 14

The Air We Breathe (Evening Course)

What do we know about the life that inhabits the air that we breathe? This course begins by introducing science literacy through the science fiction story Atmosphaera Cognita by Neal Stephenson. We will then explore atmospheric life and its strange history. We end by considering how to co-exist with pollen, mildew, bacteria, and more in a temperate humid climate, including practical considerations for indoor air quality and seasonal change, while dispelling myth.

Recommended: Atmosphaera Cognita, Neal Stephenson;

Instructor: Claire Williams; received her doctorate in forestry with a minor in genetics from NC State; she has worked in academia, government, consulting, and corporate research; full professor, Genetics, Texas A&M; AAAS Fellow in Science Diplomacy and science advisor at U.S. Dept. of State’s Bureau of European and Eurasian Affairs; R&D project manager for Weyerhaeuser; recently a Fulbright Scholar to Russia’s Sukachev Institute of Forest in Krasnoyarsk Siberia; her research has been recognized with the John Simon Guggenheim award, the German Academic Service Award, among others; has written over 100 papers including three books; Dr. Williams currently teaches atmospheric biology and environmental science courses at American University, Washington D.C.

Course #: LLI-2-222-001
Three Sessions: 3:00 - 4:30 p.m. Jan. 19, 26, Feb. 2
Limit: 100 Location: Online
Fee: $40.00
Registration Deadline: Jan. 14

Wednesday

Racism, Religion and Reconciliation: Tensions in America

Our country has labored for many years to make seemingly significant racial progress. However, we are currently faced with the challenge of defending against the threat that is attempting to unwind our enduring efforts of the past. We are confronted once again with an incendiary environment of racial tension. No group promoting its superiority over others will create a healthy and stable climate in America for authentic interracial harmony. Using a combination of lecture and guest presentations, we will address some of the hidden causes of racism and its psychological effects on our community life. In addition, we will highlight the value and importance of our humanity, which is common in all of us despite our race, religion, and ethnicity. You will have the opportunity to reflect on and discuss these concepts as they are presented in breakout rooms.
**FIRST TERM COURSES**

**Understanding Dementia and Alzheimer’s Disease**

What is the difference between Alzheimer’s disease and dementia? Is Alzheimer’s a disease something 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 aged 65 and older population 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.

**Registration Deadline:** Jan. 14  
**Instructor:** Lisa Levine; BS, Psychology; Director of Education, 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 #:** LLI-2-041-004  
**Three Sessions:** 10:45 a.m. - 12:15 p.m.  
**Jan. 20, 27, Feb. 3  
**Limit:** 100  
**Location:** Online  
**Fee:** $40.00  
**Registration Deadline:** Feb. 4

**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.

**Registration Deadline:** Jan. 14  
**Instructor:** Ken Updegrave; 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.

**Course #:** LLI-2-205-002  
**Three Sessions:** 10:45 a.m. - 12:15 p.m.  
**Feb. 10, 17, 24  
**Limit:** 100  
**Location:** Online  
**Fee:** $40.00  
**Registration Deadline:** Feb. 4

**How to Avoid the Most Common Investing and Estate Planning Mistakes**

Do you fall into the cycle of market emotions with the stock market’s ups and downs? Being able to handle market jitters and tune out the media noise may directly impact your investment portfolio’s performance. Are you prepared for the unexpected? Are your key documents in order? How your assets are titled and your beneficiaries are listed play a big part in your financial planning and how your estate will transfer to your loved ones. Learn how to avoid the most common mistakes with your investments and estate plan.

**Instructor:** Jim Trull; graduate of NC State; president of Keystone Financial Partners, an independent wealth management firm; Certified Financial Planner (CFP); a Chartered Life Underwriter (CLU); a Chartered Financial Consultant (CHFc); Certified in Long-Term Care; and an Accredited Investment Fiduciary; member of Financial Planning Association; has more than thirty years of experience in financial planning.

**Course #:** LLI-2-077-005  
**Three Sessions:** 9:00 - 10:30 a.m.  
**Feb. 10, 17, 24  
**Limit:** 50  
**Location:** Online  
**Fee:** $40.00

**Creation of an Independent and Modern Ireland 1916 to 2021**

The year 2021 marks the 100th anniversary of the signing of the agreement between the British government and the representatives of the Irish people, giving “Free-State” status to most of Ireland. This course will deal with the long term ramifications of this event from various viewpoints, some in absolute contradiction to others. Welcome to Ireland! Gaining only partial freedom from British rule for only 26 of the 32 countries of Ireland was an unacceptable loss for many members of the IRA who hoped for an undivided Ireland. As a result, the IRA, and the Irish people split in two -- Republicans vs. Free-staters. As few in the Irish Free State were happy with the initial outcome, this led to a violent civil war, fought mainly in the 26-county south. The civil war would have long-standing ramifications including fulminating hatred among various factions along the ideological-political and religious spectrums. While
hatred and animosities have greatly diminished over the years, they have not totally disappeared.

**Recommended:** Ireland: a Social and Cultural History 1922-2002; Terance Brown; and any, or all, of the historical fiction in the series by Morgan Llywelyn: 1916, 1921, 1949, 1972 or 1999.

**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 #:** LLI-1-463-001

**Six Sessions:** 1:15 - 2:45 p.m.
Jan. 20, 27, Feb. 3, 10, 17, 24

**Limit:** 100  **Location:** Online

**Fee:** $55.00

**Registration Deadline:** Jan. 14

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**Explosions and the Sinking of the H.L. Hunley**

After the explosion set by the Confederate submarine H.L. Hunley in 1864, the little hand-cranked vessel disappeared. However, when archaeologists opened her hull in the year 2000, the mystery only deepened: The remains of her crew were inside, and nobody had tried to escape. We will discuss: The Civil War context that led to the creation of this experimental, dangerous machine; leading theories to explain the reason for the crew’s mysterious deaths, and how they can be debunked; what happens when a bomb goes off; and how all of these elements can be tied together to answer the question of what happened to the Hunley on that cold dark night in 1864.

**Instructor:** Rachel Lance; University of Michigan, Biomedical Engineering, BS, MS; Duke University, Biomedical Engineering, Ph.D; United States Navy, Naval Surface Warfare Center Panama City Division (NSWC PCD) 2009-2017; Duke University, 2017- Present; Current Appointment: Assistant Consulting Professor, Department of Anesthesiology, Duke University.

**Course #:** LLI-1-470-001

**Four Sessions:** 3:00 - 4:30 p.m.
Feb. 3, 10, 17, 24

**Limit:** 100  **Location:** Online

**Fee:** $40.00

**Registration Deadline:** Jan. 28

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**Truth, Opinion, and Lies: From Plato to Your iPhone**

Does truth really matter? Why? And what about lies and how should we view them? And when you have an opinion, what’s it worth? This course will review some major approaches to these questions, with a view toward their social and political implications, and proposing ideas for acting positively as citizens in a time of great changes. Some questions are millennia old, some are just torn from the headlines: what does democracy need to flourish? What sorts of alternatives to democracy exist? Also: what is “fake news”? Should we care about it and, if so, why? We will address these and related questions with a maximum of participant input and discussion. From the first week on, participants are invited to propose online-available materials to explore for class-wide and group discussion.

**Recommended:** Books 7-9 Plato’s Republic; Nicholas Carr, Ch. 8, “The Church of Google” in The Shallows: What the Internet is Doing to Our Brains.

**Instructor:** Steve Fleck; has degrees in linguistics and music, and a Ph.D in French literature; emeritus professor of French at California State University Long Beach; a lifelong political junkie, he continues to speak and write on 17th Century French literature; published a second book on Moliere in 2016.

**Course #:** LLI-1-287-003

**Six Sessions:** 1:15 - 2:45 p.m.
Jan. 20, 27, Feb. 3, 10, 17, 24

**Limit:** 100  **Location:** Online

**Fee:** $55.00

**Registration Deadline:** Jan. 14

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**The Titanic and Mass Media History**

When Titanic sank in 1912, more than 1,500 people died, yet most newspapers that morning reported everything was okay. How did they go wrong? (Only the New York Times got it right.) How did communicators handle the crisis? How and why has this disaster remained a cultural touchstone to this day? What lessons from the Titanic speak to today’s media and their audiences? We’ll examine these questions and many more, focusing on how the press covered the Titanic; how PR and advertising began inventing crisis communications on the spot; and how the disaster resonated with the public through news accounts, books, songs, and the new medium of motion pictures (one of the first Titanic films came out within weeks of the sinking and starred an actress who’d been aboard!).

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**The Development of the British Imperial Social Structure**

This course will examine how England went from empire to Empire. We will review the foundation and causes of the growth of Great Britain’s Empire from the mid-18th century through the mid-19th century, as well as the positive and negative impacts its legacy had on shaping the social, cultural, and political orders of today.

**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-1-467-001

**Six Sessions:** 9:00 - 10:30 a.m.
Jan. 21, 28, Feb. 4, 11, 18, 25

**Limit:** 100  **Location:** Online

**Fee:** $55.00

**Registration Deadline:** Jan. 17
Anatomy of a Trial
This course will examine the various segments of a legal trial and discuss what the objectives and limitations of each contain. Segments will include: The process of how jurors are selected and screened to sit on a jury; how evidence is presented to the court; what attorneys can and cannot say in their opening statements; how rules of evidence can control what facts the court or jury can consider and which they cannot; what burden of proof the plaintiff or prosecution must meet; how the judge determines which laws to apply and the procedure for instructing the jury what their duty is; and deliberations the jury undertakes. The course will incorporate real life examples as well as notable cases reported in the media. Significant class participation and engagement with Q&A is anticipated. Actual cases from throughout the United States will be highlighted to demonstrate key concepts.

Instructor: Steve Schanz; BBA, Western Michigan University, JD, Pepperdine Univ. Law School, LLM, Health Law from Loyola University-Chicago; has lectured and written extensively on health care issues, both nationally and internationally; has represented many physicians and health care entities in private practice.

Course #: LLI-1-456-001
Six Sessions: 10:45 a.m. - 12:15 p.m.
Jan. 21, 28, Feb. 4, 11, 18, 25
Limit: 50 Location: Online
Fee: $55.00
Registration Deadline: Jan. 14

New to registering online?
Check out our “Tips” at
www.ncsu.edu/oll

Friday

Next Steps in Genealogy
Have you been bitten by the genealogy bug and started researching your family? This class is for people who have already learned the basics and want to get more in-depth. Session one will look at census records including non-population schedules such as agriculture and mortality schedules. Sessions two and three discuss military records including what they are, how to locate them, and what type of information they reveal. Session four will examine land records especially deeds, session five will look at photographs, and the last session will look at local history sources in the communities of the ancestors including the church, school, and organization records.

Instructor: Monika Fleming; BA & MA in English from East Carolina University, advanced studies in history; instructor at Edgecombe Community College for 39 years including over 15 years of teaching research and genealogy; for the past ten years, she has been teaching weekend workshops on a variety of genealogy topics; author of five local history books, a founding member of Edgecombe County Genealogy Society and editor of award (2002) winning newsletter Lines and Pathways of Edgecombe County.

Course #: LLI-1-462-001
Six Sessions: 9:00 - 10:30 a.m.
Jan. 22, 29, Feb. 5, 12, 19, 26
Limit: 100 Location: Online
Fee: $55.00
Registration Deadline: Jan. 17

The Shift from Fossil Fuels to Renewable Energy
This course will focus on the shift from fossil fuels to renewable energy. It will cover how all sectors are making this transition. Corporate entities such as Google and Facebook have renewable energy procurement targets; state and local governments have renewable energy resolutions at some future date (usually 2030 or 2050); and finally, higher education has sustainability targets. Why is this shift happening and how it is showing up in all facets of our lives and the organizations we see and transact with each and every day?

Instructor: Diane Cherry; graduate degree, public policy, Kennedy School of Government at Harvard; undergraduate degree, economics, Univ. of Virginia; Principal, Diane Cherry Consulting; teaches U.S. Environmental Policy, Written Communication and other subjects in the MPA program at NC State; managed a team for three years at the NC Sustainable Energy Assoc.; worked for 10 years as the Environment Policy Manager at the Institute for Emerging Issues at NC State; other work includes budget and management analyst for the City of Raleigh, environmental policy analyst at the EPA, and senior policy advisor to the Environmental Director at the N.C. DENR; spent several years in Washington DC at Resources for the Future, an environmental economics think tank.

Course #: LLI-2-221-001
Two Sessions: 10:45 a.m. - 12:15 p.m.
Feb. 19, 26
Limit: 100 Location: Online
Fee: $30.00
Registration Deadline: Feb. 14
Monday

Quantum Computing in Your Future

Advances in the capabilities of computers have been breathtaking, a machine with the computing power of your smartphone would have filled a large room a few decades ago. Still, there are important problems in science, technology, and business that are beyond the capabilities of today’s machines. Quantum Computing is an approach that uses the unusual quantum mechanical properties of the microscopic world to potentially solve computational problems that have never before been feasible, and to significantly accelerate others.

Quantum computers are not intended to replace classical computers; instead, classical and quantum computers will be used together, with the quantum processor acting like a hardware accelerator. In this class the instructor will present the basics of what quantum computing is, an example of how quantum computers are built, and the flavor of the kinds of problems they can potentially solve.

Instructor: Daniel D. Stancil; BS, Electrical Engineering, Tennessee Tech Univ.; MS and Ph.D, Electrical Engineering, MIT; professor of Electrical and Computer Engineering (ECE), Carnegie Mellon; Assoc. Head, ECE Dept., and Associate Dean, Academic Affairs, College of Engineering, Carnegie Mellon; Alcoa Distinguished Professor and Head of the ECE Department; executive director of the IBM Q Hub at NC State. Life Fellow of the Institute of Electrical and Electronics Engineers (IEEE); has served as president of the IEEE Magnetics Society as well as the national ECE Department Heads Association.

Course #: LLI-3-444-001
One Session: 3:00 - 4:30 p.m.
Jan. 25
Limit: 100  Location: Online
Fee: $15.00  Registration Deadline: Jan. 21

Learning from Disaster in the Age of COVID-19

The COVID-19 pandemic is one of the most profound crises to strike the United States, and the world, since World War II. An event like this pandemic should trigger efforts to understand what happened, why it happened, and why the response has been so good in some places, and so poor in others. Dr. Birkland will review his earlier research on disasters, drawn from his award-winning book, After Disaster, and the follow-up book, Lessons of Disaster, to help us understand the COVID-19 pandemic. He will explain how the pandemic came to be, and how, in spite of the poor response to the pandemic in the United States, the pandemic can still serve as an opportunity to learn from this crisis so that a similar crisis can be averted in the future.

Instructor: Thomas Birkland; B.A., University of Oregon; M.A., Rutgers University; Ph.D., University of Washington; Professor of public policy in the School of Public and International Affairs, and Associate Dean for Research in the College of Humanities and Social Sciences at NC State University; the William Kretzer Distinguished Professor in the College of Humanities and Social Sciences, 2007-2017; author of three books and several articles and is an internationally known expert on natural hazards, industrial accidents, and public policy; his book After Disaster was the 2020 winner of the Aaron Wildavsky Enduring Contribution Award for the best book or article published in the general area of public policy during the past 20-plus years

Course #: LLI-3-438-001
One Session: 3:00 - 4:30 p.m.
Feb. 8
Limit: 300  Location: Online
Fee: $15.00
Registration Deadline: Feb. 4

“I am so grateful that Zoom can be done and OLLI continues to be part of my world!”

Dark Matter and Dark Energy: Unknown Forces Controlling the Universe

Two great and totally unexpected astrophysical discoveries in the past few decades have shown us that our universe is far stranger than anyone imagined. With hints in the 1930s, and firm evidence building since the 1970s, we now know that most of the mass in the universe is Dark Matter. This unknown material produces gravity, and therefore has mass, but it does not produce light and cannot be normal matter. Most of the mass in the universe is not the stuff we are made of. In the 1990s an even stranger discovery was made. Our expanding universe was found to be accelerating, expanding faster and faster with time. Something, called Dark Energy for lack of a better name, is pushing the universe apart. It turns out that 95% of the universe is either dark matter or dark energy, with only 5% being the normal matter we and our world are made of. You will learn the basic ideas behind these dark forces.

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 #: LLI-3-436-001
One Session: 3:00 - 4:30 p.m.
Feb. 15
Limit: 100  Location: Online
Fee: $15.00
Registration Deadline: Feb 11
Wednesday

The Art Nouveau Movement: The Image of Woman and the Cinema

This lecture will discuss the vision of woman in the Art Nouveau design movement from the turn of the last century through the 1920s, including graphic arts, painting, sculpture, decorative arts, and particularly the cinema. Images of various works in the Art Nouveau mode will be shared, as will excerpts from several relevant films. The cultural and ideological implications of Art Nouveau’s vision of woman will be examined.

Instructor: Lucy Fischer; author of Cinemagritte: Rene Magritte within the Frame of Film History, Theory and Practice, as well as 12 other scholarly books; she is a Distinguished Professor Emerita of Film and Media Studies at the University of Pittsburgh.

Course #: LLI-3-432-001
One Session: 10:45 a.m. - 12:15 p.m. Jan. 20
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Jan. 14

The Murderous Wilmington Coup of 1898

You will learn the untold story of the planning and execution of the only complete and lasting coup on American soil. In 1898, through murder, intimidation, and newspaper propaganda, white supremacists in North Carolina plotted to deny Black citizens the right to vote and hold public office. We will also discuss the parallels to today’s politics of racism and white nationalism.


Instructor: David Zucchino; Pulitzer-Prize winning journalist who has reported from across the United States and from three dozen countries, including Afghanistan, Iraq, Libya, Lebanon, South Africa, Kenya, Namibia, Bosnia, and the Russian republic of Chechnya; awarded a Pulitzer Prize for his coverage of South Africa; four-time Pulitzer Prize finalist for his work in Iraq, Lebanon, Africa, and the U.S.; currently a Contributing Writer, The New York Times, covering Afghanistan and Iraq. B.A., Journalism, UNC-Chapel Hill.

Course #: LLI-3-439-001
One Session: 10:45 a.m. - 12:15 p.m. Jan. 27
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Jan. 21

Friday

View and Discuss I Am Not Your Negro with NC Poet Laureate Jaki Shelton Green

Participants will view the film I Am Not Your Negro. During the session, NC Poet Laureate, Jaki Shelton Green, will facilitate a discussion exploring the themes in Baldwin’s work from the 1960s, which continues to provide insights that illuminate our contemporary realities concerning America’s ongoing racial dilemma. Generative questions will provide a landscape for collapsing the distance between the two eras. I Am Not Your Negro introduces viewers who may not have read Baldwin to the genius of one of America’s greatest writers. How deeply his words resonate today is a mark of his prophetic vision, which, as the film argues, this nation fails to heed at its continued peril.

Instructor: Jaki Shelton Green; appointed North Carolina Poet Laureate in 2018, first African American and third woman to receive this honor; currently teaching Documentary Poetry at Duke University Center for Documentary Studies; she has been named the 2021 Frank B. Hanes Writer Laureate Jaki Shelton Green

Course #: LLI-3-433-001
One Session: 10:45 a.m. - 12:15 p.m. Jan. 29
Limit: 50 Location: Online
Fee: $15.00
Registration Deadline: Jan. 24

Understanding Current Methods of Political Campaign Research

This lecture will focus on the various research components utilized in today’s world of political campaigns. We will review candidate research, issue research, voter opinion survey research, focus group research, and voter modeling research. We will also look at how the information age is driving today’s political campaign machinery.

Instructor: Brad Crone; BA, Political Science, NC State; president of Campaign Connections, a Raleigh-based political consulting and public affairs company; served as special assistant to NC Commissioner of Agriculture Jim Graham, and deputy press secretary to U.S. Senator Lauch Faircloth during his 1984 gubernatorial campaign; 30 plus years experience in regional politics, managing grassroots campaigns in NC and across the Southeast and has consulted on a number of issues including: health care reform, prescription drug policies, free trade, bankruptcy reform, animal waste management, agriculture labor policies, credit identity theft, and volunteerism.

Course #: LLI-3-435-001
One Session: 1:00 - 4:00 p.m. Jan. 22
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Jan. 17
Monday

Luxury Arts in the Middle Ages
When we think about arts in the Middle Ages, churches and castles come to mind. But for those who lived back then, luxury objects were often more memorable. Gold, silver, ivory, gems, glass, enamel and book vellum were the media used for these, frequently portable, objects. Illuminated manuscripts, reliquaries and other liturgical items were all seen and used on a daily basis. A writer in Constantinople wrote that he had seen the most fabulous manuscript when he visited Britain; he meant the Book of Kells. We will consider a variety of objects, paying attention to the cultural forces that underpin their creation. Abbot Suger of St. Denis, a prolific patron, famously wrote that the workmanship surpasses the materials in these objects.

Instructor: Dr. Harry Titus; educated in Art and Architectural History at the University of Wisconsin-Milwaukee and at Princeton University, where he earned a Ph.D degree; he was a member of the Art Department at Wake Forest University for 33 years before retiring to Raleigh; his special interest is French Gothic Architecture and Art.

Course #: LLI-1-461-001
Six Sessions: 10:45 a.m. - 12:15 p.m.
Mar. 15, 22, 29, Apr. 5, 12, 19
Limit: 100 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

Solve the Mystery of Mysteries
Learn about America’s most popular genre: mystery, thriller, and crime fiction, with local published mystery and crime authors, the Triangle Sisters in Crime. The Sisters will reveal clues on mystery history, the Golden Age, mystery structure, mystery elements, subgenres of mystery, writing and whodunit tips. This course will appeal to both readers and writers of mystery and will include optional assignments.

March 15: Learn about mystery fiction and its subgenres, the history of mystery, and the rules of the Golden Age of mystery. Discuss the origins of mystery and why the genre is still so popular today.

Presenter: Sara Johnson; President of the Triangle Sisters-in-Crime and member of the North Carolina Writer’s Network; author of Molten Mud Murder and The Bones Remember; part-time educator and full-time snooper living in Durham.

March 22: All stories have a plot. Plot is rarely the reason a reader loves a book, but it can be a reason to hate it. We’ll discuss quintessential mystery plot, plot pitfalls, endings to avoid, tentative and seeds, and choices and consequences.

Presenter: Karen Pullen; MFA, Univ. of Southern Maine; worked formerly at an engineering consultant firm, now an innkeeper and fiction writer; author of Cold Feet and its sequel Cold Heart, and story collection Restless Dreams; lives in Pittsboro and teaches writing classes at Central Carolina Community College.

March 29: Discover examples of humor in mysteries, and how it can be an effective storytelling tool to elevate an author’s writing. Determine how to choose the right point of view, how to alternate points of view to add depth and suspense to your work, and how to identify points of view as a reader. Learn about the elements of voice, and how to amplify it to make your writing more distinct.

Presenter: Diane Kelly; former asst. state attorney general and tax advisor; using her experiences as fodder for her work, she has authored over 30 novels and novellas, including Death & Taxes, Paw Enforcement, and the House Flipper mystery series; upcoming: Southern Homebrew and Mountain Lodge.

April 5: Uncover the different characters you might introduce into your mystery -- the sleuth, the sidekick, and the villain -- and who makes an unreliable narrator. Learn how to use suspense to drive your plot forward, while keeping the reader on the edge of his seat!

Presenter: Nora Gaskin; BA in Creative Writing, UNC-Chapel Hill; MA, Univ. of Washington; after a 24-year career as a stockbroker and financial advisor,

she retired in 2005 to focus on writing; author of Until Proven: A Mystery in 2 Parts, Time of Death, and The Worst Thing; lives and writes in Chatham County.

April 12: Explore the hero’s journey. It is at the core of the mythic structure, but employed in mystery writing differently than other genres. Learn how to apply this classic story structure to your work.

Presenter: Melissa Bourbon Ramirez; author of Book Magic Mysteries, the Lola Cruz Mystery Series, and the Bread Shop Mystery Series, under the name of Winnie Archer; her dogs Bean, Dobby and Jasper accompany her while she writes.

April 19: Discuss setting and how it can define the mystery, impede the detective and drive the story. Discover the hooks that keep you reading beyond the first page. Explore the character tropes of classic mysteries -- the troubled detective, the helpless woman, and the monster who walks among us.

Presenter: Sara Johnson
Course #: LLI-1-476-001
Six Sessions: 1:15 - 2:45 p.m.
Mar. 15, 22, 29, Apr. 5, 12, 19
Limit: 30 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

Tuesday

Death (But Not Taxes)
The richest Americans have found ways to avoid half of Franklin’s aphorism. Over the last 70 years, the rich have paid a declining share of their income in taxes, to the point where they pay a smaller share than the rest of Americans. How did this happen? Why? And what have been its effects—economically, socially, and politically?

Instructor: John Pilgrim; Ph.D, Economics, Vanderbilt University; BA, Economics, Grinnell College; professor of economics for 35 years, now retired; has taught various economics-related OLLI courses; facilitates the OLLI Great Books discussion group; veteran OLLI instructor.
Astronomical Telescope Design and Use

You will learn how telescopes are designed and work, and not just the kinds of telescopes that you are familiar with. In addition to visible-light telescopes, we will learn about telescopes that observe the invisible universe, both from the ground and from space. We will learn how advanced telescopes untwinkle the stars to get space-quality images from the ground. And we will use fully automated, robotic telescopes that the instructor has built at some of the best observatories and sites around the world. You will be given an account, training, and observing credits to spend so you can observe planets, nebulae, and galaxies with the University of North Carolina’s PROMPT telescopes in Chile, Australia, and Canada. You will also use a six-story, 150-ton radio telescope in West Virginia to observe the invisible universe.

Instructor: Dr. Dan Reichart; Professor, Physics and Astronomy, UNC-Chapel Hill; Dr. Reichart’s dissertation on distant, cosmic explosions called gamma-ray bursts was ranked by Science magazine as one of the top ten discoveries in science in 1999, and in 2003 earned him the Robert J. Trumpler Award for top astrophysics dissertation research in North America; in 2005, he and his students discovered the most distant explosion in the universe yet known, a gamma-ray burst that occurred 12.9 billion years ago, when the universe was only 6% of its current age.

Course #: LLI-1-473-001
Six Sessions: 1:15 - 2:45 p.m.
Mar. 16, 23, 30, Apr. 6, 13, 20
Limit: 24 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

Using DNA in Genealogy Research

Learn about DNA concepts and terms used in DNA testing for genealogy research. This course will walk you through key DNA testing websites and tools to help you evaluate your ethnicity and matches. Using AncestryDNA®, FamilyTreeDNA®, and 23andMe®, you will be able to understand how to filter and group your matches. You will learn how to use shared matches and tools such as ThruLines to discover new ancestors or break through brick walls. We will focus on autosomal and Y DNA testing.

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Discussing Jane Austen’s Persuasion

Usually called “autumnal,” Persuasion is Austen’s most mature work, telling the story of Anne Elliot, who gets her second chance at love with Captain Frederick Wentworth. We’ll explore reasons for the continued popularity of this 1818 classic. Along the way, we’ll discuss the importance of the navy in Austen’s time, the novel’s characters and themes, and some everyday knowledge such as that concerning mourning customs that contemporary readers took for granted. We’ll also identify the quirks of Austen’s novels as seen in Persuasion, such as her treatment of illness, age, and the seaside. And, of course, we won’t forget to examine the original ending, comparing it to Austen’s final one. The course will be a mix of lecture and discussion.

Instructor: Sue Scott; recently retired from a career as a public librarian in Raleigh; longtime member of the Jane Austen Society of North America, and as an active member of the North Carolina Society of North America; and most recently, Sue led a discussion entitled Mothers in Jane Austen’s Novels; Dead, Distant, or Dysfunctional.

Course #: LLI-1-465-001
Six Sessions: 1:15 - 2:45 p.m.
Mar. 16, 23, 30, Apr. 6, 13, 20
Limit: 24 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

The Promise of Self-Driving Cars: Benefit or Loss?

This course looks behind media hype about self-driving cars and raises some fundamental issues about promises from Silicon Valley tech giants. Autonomous driving vehicles are the latest promise for increasing safety behind the wheel. But do those benefits also threaten values that are fundamental to a culture that enables humans to flourish? The first class begins with a question: why do we drive? That’s the title of a new book by Matthew Crawford which argues that driving exercises an individual’s skill at being free. That’s a skill worth preserving in a culture that increasingly diminishes our opportunities to develop our capacities to live and work as independent agents. The second class invites participants to consider various subcultures developing our distinctively human capacities, such as prudence and cooperation. Can those capacities develop in a culture that threatens to eliminate spiritedness, independent judgment, and taking risks? Our final class attempts to find answers.


Instructor: Donald Riggs; Ph.D., Philosophy, University of Illinois; BA, Philosophy, UNC-CH; taught philosophy, including ethics and logic, and humanities courses before retiring; currently researching philosophy in the “American Renaissance”-- Emerson, Thoreau, and William James.

Course #: LLI-2-223-001
Three Sessions: 10:45 a.m. - 12:15 p.m.
Mar. 16, 23, 30
Limit: 30 Location: Online
Fee: $40.00
Registration Deadline: Mar. 11

Discussing Jane Austen's Persuasion

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Course #: LLI-1-465-001
Six Sessions: 1:15 - 2:45 p.m.
Mar. 16, 23, 30, Apr. 6, 13, 20
Limit: 24 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

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Instructor: Dr. Dan Reichart; Professor, Physics and Astronomy, UNC-Chapel Hill; Dr. Reichart’s dissertation on distant, cosmic explosions called gamma-ray bursts was ranked by Science magazine as one of the top ten discoveries in science in 1999, and in 2003 earned him the Robert J. Trumpler Award for top astrophysics dissertation research in North America; in 2005, he and his students discovered the most distant explosion in the universe yet known, a gamma-ray burst that occurred 12.9 billion years ago, when the universe was only 6% of its current age.

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Six Sessions: 1:15 - 2:45 p.m.
Mar. 16, 23, 30, Apr. 6, 13, 20
Limit: 24 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

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SECOND TERM COURSES

Wednesday

Writing on Your Labyrinth Path
Participants will reflect on experiences walking the labyrinth at one of several local outside settings. You will walk a labyrinth outside of class time, write reflections on the experience, and then read them in class. The instructor will lead discussions about the labyrinth, approaches to this ancient guide of spiritual growth, and options for writing, including prompts for getting started. We will also write during class, prompted by guided meditations on specific aspects of the participants’ labyrinth walks. The labyrinth can be of help “developing spirituality, inwardness and connection to soul, access to intuition and creativity, simplicity, integration of body and spirit, and intimacy and community,” writes Melissa Gayle West.

Note: A list of local labyrinths you may walk for inspiration will be provided at the first class. This course has a very limited capacity, so please only enroll in this course if you are willing to participate in the writing exercises and share your experiences with the class.

Recommended: Exploring the Labyrinth: A Guide for Healing and Spiritual Growth, Melissa Gayle West

Instructor: Brenda Carbon; BS (MT) is a retired clinical laboratory scientist with over 25 years of healthcare software product management experience; she is well versed in traditional and DNA genealogy research and uses these skills as a DAR registrar.

Course #: LLI-1-466-001
Six Sessions: 3:00 - 4:30 p.m.
Mar. 16, 23, 30, Apr. 6, 13, 20
Limit: 40 Location: Online
Fee: $55.00
Registration Deadline: Mar. 11

The Past and Near Future of Artificial Intelligence
Artificial Intelligence has come to pervade all aspects of our society, from visible applications like Alexa to invisible decision-making tools that filter stories or grade credit reports. This course will provide an overview of AI’s history as a field, from its early roots in philosophy and the quest for true “General Intelligence,” through the AI winter and the gradual shift away from “big AI” to targeted models. We will discuss the resurgence of interest in general AI that has been enabled by the spread of cheap parallel hardware. This presentation will also sketch out the impact of these goals on the future directions of AI and on the management of AI’s impact in our society.

Instructor: Collin F. Lynch; Ph.D, Intelligent Systems, University of Pittsburgh; Assistant Professor, Computer Science, NC State University; primary research is focused on the development of robust intelligent tutoring systems and adaptive educational systems, as well as research on Educational Data Mining, Data Science, and Argumentation.

Course #: LLI-2-226-001
Two Sessions: 3:00 - 4:30 p.m.
Mar. 23, 30
Limit: 100 Location: Online
Fee: $30.00
Registration Deadline: Mar. 18

Stock Investing 101: Fundamental Analysis
Learn how to analyze publicly-traded companies for investment purposes. Although it’s not for everyone, investing on your own lowers your costs and makes you more knowledgeable about the world.

The first one and a half sessions will go over the primary accounts found in financial statements, liquidation values of asset accounts, stock valuation methods, determination of the financial condition of the company, red flags, sources of information (many quite new), strategies that have beaten the market over time, and using sentiment from social media and other sources. At the end of the first session, the class will pick stocks to analyze together. The stocks will be analyzed by the class in the second half of the second session and in the third session. To benefit the most from this course, some knowledge of accounting and prior stock investing experience is recommended.

Instructor: Jeremy Blum; was the credit manager at Horizon Bank in Michigan City, Indiana, in charge of the Credit Analysis Department, which performed the commercial loan underwriting function; during the day, he analyzed locally traded companies for his investment portfolio and was able to retire early; has passed the Chartered Financial Analyst (CFA) Level 1 test; authored over 50 articles about individual stocks and the economy on the Seeking Alpha website.

Course #: LLI-2-143-002
Three Sessions: 9:00 - 10:30 a.m.
Mar. 17, 24, 31
Limit: 50 Location: Online
Fee: $40.00
Registration Deadline: Mar. 11

Law Versus Justice in Classic and Contemporary Literature
Is being “legal” the same thing as being “just”? And what is the difference between “justice” and “mercy”? How do race and economic status affect the outcomes of so-called “justice”? Literature — both classic and contemporary — can add much to the current discussion about achieving social justice through our legal system. We’ll start the course by looking at views of law and justice in several classic works of literature, including Dickens’ Bleak House and Shakespeare’s The Merchant of Venice.
Then we will take a fresh look at *To Kill a Mockingbird* through a 21st century lens (with a bow to *Go Set a Watchman*). Was the white lawyer the anti-racist hero everyone believes him to be? And finally, we’ll look at a current memoir -- *Just Mercy* -- which portrays real lawyers fighting for real justice from our legal system, along with John Grisham’s *A Time for Mercy*, which deals with themes in Bryan Stevenson’s memoir. Reading of *Just Mercy* is encouraged.

**Instructor:** Phyllis Demko; Ph.D. 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-1-464-001  
**Six Sessions:** 10:45 a.m. - 12:15 p.m.  
Mar. 17, 24, 31, Apr. 7, 14, 21  
**Limit:** 100  
**Location:** Online  
**Fee:** $55.00  
**Registration Deadline:** Mar. 11

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**Fashion of the Regency Era**

The European Regency Era (1795-1825) is remembered as a time of great accomplishment in the fine arts, literature, architecture and politics. As these advancements shaped the culture, a changing society embraced a new style and elegance, what we refer to today as Regency Dress. This course will examine the different articles and styles that defined the period, and how they are represented in modern works of the stage and screen. Join several Regency experts as they take you on a fashionable journey back in time.

**March 17: A La Mode: Men’s and Women’s Dress of the Regency Era**

Have you ever wondered about the difference between a spencer and a pelisse? Never heard of the terms? This course will introduce you to Regency Era clothing silhouettes for both men and women by focusing on extant garments in museums and fashion plates from the period.

**Presenter:** Jade Papa; Curator, The Textile & Costume Collection at Thomas Jefferson University.

**March 24: Dress in the Age of Sensibility**

Professor Brodey, an expert in the culture of sensibility, will discuss the relationship between sensibility, acting, literature, and costume in the second half of the eighteenth century. In this illustrated talk, she will present some of the literary trends in apparel for both men and women in the late eighteenth century across Europe. She will also pay attention to the customary backdrops for the display of apparel, such as the English garden popular across Europe at the same time.

**Presenter:** Dr. Inger S. B. Brodey; Associate Professor in English and Comparative Literature at the University of North Carolina at Chapel Hill; co-founder and director of the award-winning Jane Austen Summer Program.

**March 31: Men’s Dress of the Regency Period**

This session will examine the popular style of men’s clothing during the Regency period. There will also be discussion of the resources for either making clothes or purchasing ready or custom-made.

**Presenter:** David Serxner; MA, Public History, North Carolina State University; created the Living History Program at Hope Plantation in Windsor, NC.

**April 7: Regency Dress in Theatre, TV and Film**

Learn about how authenticity and accuracy can make or break the look, feel, and tone of a Regency stage or film production. We’ll explore theatrical costume design, and how some of the most popular portrayals of Regency dress in media stand up from a design and fashion history perspective.

**Presenter:** Laura J. Parker; BA, Anthropology, Georgia State University; JD, North Carolina Central University; Assistant Director of Costume Design and shop manager at NC State University Theatre.

**April 14: A Milliner’s Perspective on Regency Accessorizing**

Bonnets, fans, parasols, gloves, and reticules—learn more about these common items in a lady’s wardrobe from PlayMakers Repertory Company’s resident milliner, Rachel E. Pollock. She will illustrate elements of design and construction using example pieces, both antiques and reproductions made for the stage.

**Presenter:** Rachel E. Pollock; teaches at the University of North Carolina at Chapel Hill in the costume production MFA program; costumer for PlayMakers Repertory Company.

**Course #:** LLI-1-478-001  
**Five Sessions:** 1:15 - 2:45 p.m.  
Mar. 17, 24, 31, Apr. 7, 14  
**Limit:** 50  
**Location:** Online  
**Fee:** $55.00  
**Registration Deadline:** Mar. 11

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**Investigating Black Holes**

Recent remarkable developments in black hole research coming from the LIGO gravitational wave project, the Event Horizon Telescope, and other extraordinary experiments, have given us a whole new view of these amazing objects. In this course, we will look at the basic nature of black holes historically as well as up-to-the-minute. Details about the theory and experimental developments will be presented in ways that anyone can understand and find fascinating. Some of the people who have done this work will be discussed as well.

**Instructor:** Steve Christensen; Ph.D, University of Texas-Austin; NSF, NATO, Sloan Fellow; Professor, Physics, UNC-Chapel Hill; theoretical physicist specializing in relativity theory, gravitation, quantum field theory and black holes; involved in this research for 50 years with colleagues such as Stephen Hawking, John Wheeler, and Bryce Dewitt; his work on Hawking radiation from black holes is renowned in his field; expert in astrophotography and computer software.

**Course #:** LLI-2-068-003  
**Three Sessions:** 1:15 - 2:45 p.m.  
Mar. 17, 24, 31  
**Limit:** 100  
**Location:** Online  
**Fee:** $40.00  
**Registration Deadline:** Mar. 11

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**Invention of Race: Legacy and Liberation**

Pulling from history, we will take a look at how race and racism were constructed to create a racial hierarchy that is toxic to us all. Together we will explore what history has to teach us about the deliberate construction of race as a means to divide and
conquer, and the devastating cost of that legacy today. We will also look at what we can do to build awareness and take action both individually and collectively. **Recommended:** Race - The Power of an Illusion. Click on the Learn More button and visit any of the modules offered. The modules on What is Race? and Race Timeline are particularly applicable to this short course. Also, Seeing White, a fourteen-part documentary series in which leading scholars examine the notion of whiteness, where it came from, what does it mean and what is it for? **Instructor:** Dr. Tema Okun; has spent over 30 years as a trainer, facilitator, and coach focused on issues of racial justice and equity; she currently co-leads the Teaching for Equity Fellows Program at Duke University; authored “The Emperor Has No Clothes: Teaching About Race and Racism to People Who Don’t Want to Know” (2010, IAP) as well as the widely distributed “White Supremacy Culture” article. **Course:** LLI-1-414-002 **Six Sessions:** 3:00 - 4:30 p.m. Mar. 17, 24, 31, Apr. 7, 14, 21 **Limit:** 100 **Location:** Online **Fee:** $30.00 **Registration Deadline:** Mar. 11

**Do you prefer viewing your choices by calendar grid or subject area?** The Spring 2021 Semester is also available by day of the week or by subject on our website. Go to www.ncsu.edu/oll and choose “Programs.”

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**Cultural Landscapes:** Raleigh’s Historic African American Neighborhoods

“Start where you are, with what you have. Make something of it and never be satisfied.” George Washington Carver

This course will examine and explore nine historic neighborhoods in Raleigh, using archival documents, photographs and local oral histories. We will begin our study discussing the establishment of Raleigh’s earliest Free Black communities, those neighborhoods built after the Civil War and during Reconstruction. Our sessions conclude with a discussion of Madonna Acres, the first housing subdivision built in the 1960s developed by African Americans for African Americans following World War II.

**Recommended:** Culture Town, Linda Simmons Henry and Linda Harris Edmisten. **Note:** This Raleigh community course will be offered to both members and nonmembers for the same $30 fee. **Instructor:** Wanda Cox-Bailey; MLS, University of Maryland; Branch Manager, Wake County Public Libraries, Richard B. Harrison Community Library. Veteran OLLI instructor. **Course:** LLI-1-414-002 **Six Sessions:** 3:00 - 4:30 p.m. Mar. 17, 24, 31, Apr. 7, 14, 21 **Limit:** 100 **Location:** Online **Fee:** $30.00 **Registration Deadline:** Mar. 11

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**Thursday**

**Teach the Children Well**

What is our demanding pandemic experience doing to influence the stories we emphasize with our boys and girls? During the chaotic 1850s, the decade before the Civil War, Nathaniel Hawthorne occasionally devoted himself to a similar question. One of his answers is Tanglewood Tales (1853). It is the famous author’s retelling of six Greek myths: “The Minotaur,” “The Pygmies,” “The Dragon’s Teeth,” “Circe’s Palace,” “The Pomegranate Seeds,” and “The Golden Fleece.” Join us to examine and discuss the results. **Required:** The text may be accessed as an EBook at no cost online at Project Gutenberg. Inexpensive editions of Tanglewood Tales for Boys and Girls are also easily available by ordering online or through your favorite book store. Project Gutenberg.

**Instructor:** Jim Clark, Ph.D; English Professor Emeritus, NC State; inducted into the NC Literary Hall of Fame, 2018; inducted into the 4H Hall of Fame, 2017; recipient of the John Tyler Caldwell Award for the Humanities, 2020; veteran OLLI instructor. **Course:** LLI-1-482-001 **Six Sessions:** 10:45 a.m. - 12:15 p.m. Mar. 18, 25, Apr. 1, 8, 15, 22 **Limit:** 100 **Location:** Online **Fee:** $55.00 **Registration Deadline:** Mar. 14

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**Optics for the Curious:** A Survey of the Study, Properties, and Uses of Light

In this course we study optics, a field often considered the most fundamental of natural sciences. With only one equation and no special knowledge required, the course introduces us to optics from ancient to modern times. Lecture topics include: Mankind’s Notions about Light; the Properties of Light; Color; Light-Matter interactions; the Particle-Wave Duality of Light; and Light in the Cosmos. The course offers to the non-specialist a view of the properties and behavior of light as well as an understanding of human efforts to unlock the secrets of light. **Instructor:** Michael Paesler; BA, Physics and Mathematics, Beloit College; MS and Ph.D in physics, University of Chicago; guest scientist, Max-Planck-Institut für Festkörperforschung, Stuttgart, Germany; Professor and Department Head, Physics Department, NC State University; member of the Academy of Outstanding Teachers, NC State University; Fellow, American Physical Society. **Course:** LLI-1-472-001 **Six Sessions:** 1:15 - 2:45 p.m. Mar. 18, 25, Apr. 1, 8, 15, 22 **Limit:** 100 **Location:** Online **Fee:** $55.00 **Registration Deadline:** Mar. 11
SECOND TERM COURSES

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

We’ll discuss:
• The meaning of race and ethnicity
• How we interpret race and ethnicity
• Our experiences with people of different races and ethnicities
• Any feelings that have resulted from our lived experience with race and ethnicity

This course is participative and interactive, and includes opportunities to help you better understand how you interact with people who are racially and culturally different from you. This course requires that you have a microphone and camera enabled on your computer or smart device.

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

Course #: LLI-2-210-002
Three Sessions: 3:00 - 4:30 p.m.
Mar. 18, 25, Apr. 1
Limit: 10 Location: Online
Fee: $40.00
Registration Deadline: Mar. 14

SECOND TERM LECTURES

Monday

The Regulator Movement, the American Revolution, and General Thomas Person
This lecture will explore popular discontent in Granville County, North Carolina during the Regulator Movement, and the American Revolution. It will also focus on local leader, General Thomas Person, and his vital role in the quest to establish a more equitable and fair local, state and national government.

Instructor: Mark A. Pace; BA, History, UNC-Chapel Hill; worked as an art director and illustrator in advertising for 25 years; for the past eleven years he has been the NC Room Specialist at the Richard H. Thornton Library in Oxford and considers it an honor to be the caretaker of one of North Carolina’s most celebrated local history libraries; born and raised in Henderson in Vance County.

Course #: LLI-3-442-001
One Session: 3:00 - 4:30 p.m.
Mar. 22
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Mar. 18

Tuesday

Cutting the Cord from Satellite and Cable Television
Are you tired of the ever-increasing cost of cable or satellite TV? Join the multitudes across the country who are cutting the cord! There are dozens of channels available free of charge, either over the air or via the internet. Get your local news and weather, watch major networks, catch a PBS documentary, and more, without paying any monthly fees. We’ll discuss what content is available as well as any equipment needed to view it. Find out what makes a Smart TV “smart” and how you can upgrade your old TV to have the same capabilities. Think about what you can do with the money you save!

Instructor: Doug Hall; BS, Electrical and Computer Engineering, NC
workers, one learns that the tunneling work was downright tragic. Our presentation explores our research process into this place, work, and song as we work to explore this historical episode's many lessons for Americans in 2020.

**Instructor:** Kevin Kehrberg; musicologist; BA, Music, Bethel College; MA, Musicology, Ph.D., Musicology, University of Kentucky; Professor or Music and Chair of the Music Department, Warren Wilson College; while at the University of Kentucky, met historian Jeffrey Keith, and they founded the Univ. of Kentucky String Band ensemble and learned to sing “Swannanoa Tunnel” before they even knew where Swannanoa was.

**Instructor:** Jeffrey A. Keith; Historian; BA, Liberal Studies, The Evergreen State College; MA, History, Ph.D., History, University of Kentucky; Professor, Department of Global Studies, Warren Wilson College; while at the University of Kentucky, met musicologist Keven Kehrberg, and they founded the Univ. of Kentucky String Band ensemble and learned to sing “Swannanoa Tunnel” before they even knew where Swannanoa was.

**Course #:** LLI-3-434-001  
**One Session:** 9:00 - 10:30 a.m. Apr. 6  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Apr. 1

**Swannanoa Tunnel: Landscape, Race, Tragedy, and Music**

In western North Carolina, the Eastern Continental Divide runs along the Swannanoa Gap, and below this historically important passage over the Blue Ridge Mountains lies the Swannanoa Tunnel. If one were to only read about the 1879 completion of the tunnel in mountain newspapers, this state-financed engineering feat was “a very great triumph.” Digging deeper, state records document the exclusive use of African American “convict laborers” at the cost of 30¢ per convict, per day. Expanding the universe of primary source materials to the music performed by those workers, one learns that the tunneling work was downright tragic. Our presentation explores our research process into this place, work, and song as we work to explore this historical episode's many lessons for Americans in 2020.

**Instructor:** Kevin Kehrberg; musicologist; BA, Music, Bethel College; MA, Musicology, Ph.D., Musicology, University of Kentucky; Professor or Music and Chair of the Music Department, Warren Wilson College; while at the University of Kentucky, met historian Jeffrey Keith, and they founded the Univ. of Kentucky String Band ensemble and learned to sing “Swannanoa Tunnel” before they even knew where Swannanoa was.

**Instructor:** Jeffrey A. Keith; Historian; BA, Liberal Studies, The Evergreen State College; MA, History, Ph.D., History, University of Kentucky; Professor, Department of Global Studies, Warren Wilson College; while at the University of Kentucky, met musicologist Keven Kehrberg, and they founded the Univ. of Kentucky String Band ensemble and learned to sing “Swannanoa Tunnel” before they even knew where Swannanoa was.

**Course #:** LLI-3-434-001  
**One Session:** 9:00 - 10:30 a.m. Apr. 6  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Apr. 1

**When Einstein Changed the World: The Story of 1905, Einstein’s Incredible Year**

In 1905, while working as a patent clerk in Bern, Switzerland, 26 year-old Albert Einstein wrote four scientific papers that changed how humans view the world. These papers contained the foundation of relativity and the seeds of quantum physics, the two most important physical theories of the twentieth century. Einstein’s “miracle year” is one of the great stories of science. Dr. Ellison will discuss the papers and their importance in simple terms, along with some biographical notes on Einstein’s early life.

**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 #:** LLI-3-437-001  
**One Session:** 10:45 a.m. - 12:15 p.m. Apr. 13  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Apr. 8

**Shaping, Sharing, and Growing North Carolina’s African American Heritage**

During this lecture, participants will learn the ways in which the North Carolina African American Heritage Commission works across North Carolina to shape, share, and grow African American culture work. Participants will have the opportunity to learn about, and explore, projects and initiatives like the NC Green Book Project, Freedom Roads, and the NC Civil Rights Trail.

**Instructor:** Angela M. Thorpe; BA, History, University of Florida; MA, History with Museum Studies concentration, UNC-G; she connects black communities and their stories to a diversity of heritage spaces; has worked at the Polk State Historic Site in Pineville, NC and The HistoryMakers video oral history archive in Chicago; joined the NC African American Heritage Commission in 2017 and was promoted to Director in 2019; has written on museum professionals, public history, and race for the National Council of Public History; has spoken on diversity and inclusion in museums and cultural institutions, community engagement, and African American heritage at conferences and symposia.

**Course #:** LLI-3-445-001  
**One Session:** 10:45 a.m. - 12:15 p.m. Apr. 20  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Apr. 15
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; greatest achievement is his 50 year marriage and his children and grandchildren.

Course #: LLI-3-411-002
One Session: 3:00 - 4:30 p.m.
Mar. 16
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Mar. 11

Want to sample OLLI offerings before becoming a member? OLLI is a membership organization, so members get first priority in courses/lectures, but if space is available, we plan to open registration for select first term courses/lectures on January 8. Additional fees will apply ($20 for lectures; $10 surcharge for multiweek courses).

From Poughkeepsie to Flushing: Five Years at the U.S. Open

In August 1980, Joe Gosselin was drafted into calling a line at a local tennis tournament in Poughkeepsie, NY. Nine years later, he was calling lines in Louis Armstrong Stadium at the U.S. Open Tennis Championships in New York. Joe will describe what it took to get there, and what it was like working at the top of a major international professional sport. He will cover a typical day and night for a linesman at the Open, the techniques used on court, and the new technology now being used. Included will be anecdotes and experiences involving players, umpires, others — and his up-close encounter with Andre Agassi.

Instructor: Joe Gosselin; BS in Physics, Boston College; worked for 44 years as a software engineer at IBM and SAS; worked as a line umpire at the U.S. Open Championships from 1988-1992; was a certified USTA umpire from 1983-1994; he has been an OLLI member since 2013.

Course #: LLI-3-405-002
One Session: 3:00 - 4:30 p.m.
Apr. 6
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Apr. 1

The Rise and Fall of the Berlin Wall (Evening Lecture)

With the rise of the Berlin Wall sixty years ago this summer, the course of Germany’s, and especially of Berlin’s, history took a tragic turn. It would take 28 years for this cruel symbol of Germany’s division to come down, thus giving birth to yet another period in this European nation’s remarkable evolution. Join German historian and ex-Berliner Anette Isaacs as she presents an historical and political overview of this painful, but also almost miraculous, period in Berlin’s captivating history.

Instructor: Anette Isaacs; MAs in American Studies, Political Science, and History; adjunct faculty member at the lifelong learning departments of 5 colleges in Illinois; German historian and public educator who has presented programs on more than 30 different topics in the Chicagoland area and in South Florida; has taught at various OLLIs across the U.S.

Course #: LLI-3-440-001
One Session: 7:00 - 8:30 p.m.
Mar. 23
Limit: 100 Location: Online
Fee: $15.00
Registration Deadline: Mar. 18

Page 19
Coach, Certified Holistic Nurse, 2019 Christmas Cookie Contest 'Oh Snap' Award; Nancy has devoted her career to educating, inspiring, and empowering others on their path to optimal health and wellness.  

**Course #:** LLI-3-448-001  
**One Session:** 3:00 - 4:30 p.m.  
Mar. 17  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Mar. 11

“It’s been a joy during this pandemic to have a course to look forward to.”

**Friday**

**How Hollywood Helped America Win World War I**

Was World War I responsible for the birth of Hollywood? Did Charlie Chaplin and Mary Pickford help win the war? What was Woodrow Wilson’s greatest dilemma? And when Hollywood and the government work together, who really comes out ahead? Journey back 100 years and learn how the rise of Hollywood and America’s participation in World War I were intricately connected. From Wilson’s White House to the pioneering film studios in California, learn what was behind the patriotic zeal that swept America in 1917.  

**Instructor:** Katherine Meyer; author, educator, and historian; Meyer began working as a historical interpreter at a local historic site when she was nine years old, and she has been immersed in the world of history ever since; after graduating from college, she taught for ten years, launched a series of American history lectures, continued leading tours of historic sites, and has had two books published; currently a docent and historical interpreter at two 18th-century historic sites, and she is the author of two historical fiction novels: *Grosvenor Square* and *Nine Miles North*.  

**Course #:** LLI-3-342-002  
**One Session:** 9:00 - 10:30 a.m.  
Apr. 16  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Apr. 11

**Our Constitution: More Than Words**

Join Justice Robin Hudson for a presentation focused on improving public understanding of the unique role of the Judicial Branch of government in the design of our constitutional democracy, particularly in light of ongoing threats to its independence. She will explain the intent and design of our system; distinguish the role of judges from the roles of other government officials; discuss the variety of challenges and threats facing the court system and judges; and evaluate the significance of and continuing need for fair and impartial courts, and what we as members of the public can do to help.  

**Instructor:** Robin Hudson; JD, University of North Carolina; first North Carolina woman elected to appellate court division without having been appointed first; elected to Supreme Court and began her first 8-year term in January 2007; re-elected to her current term through 2022; previously practiced law in Raleigh and Durham; elected to Court of Appeals in November 2000 and served through Dec. 2006; past member of numerous professional organizations; appointments include: Family Court Advisory Committee 2001-present, NC Industrial Commission Advisory Council from 1994 – 2000, NC OSHA Review Board from 1994-1999 (resigned upon joining the Court of Appeals); recipient of numerous awards and honors.  

**Course #:** LLI-3-446-001  
**One Session:** 10:45 a.m. - 12:15 p.m.  
Apr. 16  
**Limit:** 100  
**Location:** Online  
**Fee:** $15.00  
**Registration Deadline:** Apr. 1

**STUDY TRIPS**

By registering for a study trip, 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 are organized and accompanied by Joan Hardman-Cobb, OLLI’s Assistant Director. **Trips will proceed rain or shine.** Trips are for OLLI members. **No substitutions permitted on study trips.** If you find yourself unable to participate in a study trip, please contact the office.

Watch your email for announcements of additional study trips and events that will be added to OLLI’s schedule this winter!

**Raleigh City Cemetery and Historic Moore Square**

Raleigh was incorporated in 1792 and, soon after, established City Cemetery just outside its eastern boundary. As Raleigh’s oldest cemetery, it offers a rich history of early 19th century citizens, “strangers,” and the African American population. Nearby Moore Square was the 4-acre park designed for the southeast quadrant of the original 1792 street plan of Raleigh. Local historian Parker Call will lead our walk; we will trace the area’s evolution...
and learn about the role it played in the African American experience during the Jim Crow Era.

**Note:** In accordance with NC State University directives, all participants will be required to wear masks/face coverings. Wear comfortable, closed-toe walking shoes and dress for the weather on the day. Bring water, sunscreen, hat, and bug spray. The trip will proceed rain or shine.

**Course #:** LLI-4-137-001  
**One Session:** 9:45 a.m. - 12:00 p.m.  
**Apr. 9**  
**Limit:** 15  
**Fee:** $40.00  
**Includes:** Guided walking tour with Parker Call. Participants will drive themselves to the location in downtown Raleigh. Directions and parking suggestions will be provided in advance of the study trip.  
**Meeting Time:** 9:45 a.m.  
**Finish:** Approximately 12:00 p.m.  
**Registration Deadline:** April 2

**“Just to get out and think about something other than the pandemic for 90 minutes was great!”**

**Triangle Land Conservancy Nature Hike with Local Naturalist Mike Dunn**

Since 1983, the Triangle Land Conservancy has worked to conserve over 20,000 acres of land, safeguard clean water, protect natural habitats, support local farms and food, and connect people with nature. Local naturalist, Mike Dunn, former educator with the NC Museum of Natural Sciences and the NC Botanical Gardens, will lead us on a nature hike to discover the diverse flora and fauna on one of the properties, Johnston Mill Nature Preserve in Chapel Hill. During the hike in the 296-acre preserve, you will also learn about the multiple hiking trails and view remnants of past human activity, including old gristmills and farm buildings.

**Note:** In accordance with NC State University directives, all participants will be required to wear masks/face coverings during the OLLI study trips. Wear comfortable, closed-toe walking shoes and dress for the weather on the day. Bring water, sunscreen, hat, and bug spray. The trip will proceed rain or shine.

**Course #:** LLI-4-138-001  
**One Session:** 10:00 a.m. - 12:00 p.m.  
**Apr. 14**  
**Limit:** 15  
**Fee:** $45.00  
**Includes:** Guided walking tour with Mike Dunn. Participants will drive themselves to the location. Precise directions and parking suggestions will be provided in advance.  
**Meeting Time:** 10:00 a.m.  
**Finish:** Approximately 12:00 p.m.  
**Registration Deadline:** April 7

**Hemlock Bluffs Nature Preserve Wildflower Hike**

Hemlock Bluffs Nature Preserve in Cary is home to a relic population of hemlock trees (*Tsuga canadensis*). Common across North Carolina during the last glacial period, hemlocks now grow primarily across the Northeast, Upper Midwest and the Appalachians. Cooler and wetter growing conditions on the bluffs above Swift Creek allow this disjunct population of hemlocks to persist in the North Carolina Piedmont. Our guided hike will be led by Charlie Kidder, OLLI member and J.C. Raulston Arboretum volunteer. In addition to admiring the hemlocks, we will be looking for spring wildflowers – trout lily, wild geranium, spring beauty and possibly Atamasco lily. As time allows, we’ll also learn about the great variety of trees and shrubs that grow in the preserve.

**Note:** In accordance with NC State University directives, all participants will be required to wear masks/face coverings. Wear comfortable walking shoes and dress for the weather on the day. Bring a beverage to keep you hydrated. Remember your sunscreen, hat, camera, and bug spray. Participants must be comfortable walking on uneven, unpaved paths, and be able to climb and descend steps to the lower level of the park. Participants will provide their own transport to the park and meet at a pre-arranged location; details will be provided. There are restrooms in the park. This trip will proceed rain or shine.

**Course #:** LLI-4-136-001  
**One Session:** 9:30 - 11:30 a.m.  
**Mar. 26**  
**Limit:** 15  
**Fee:** $35.00  
**Includes:** Guided hike  
**Start Time:** 9:30 a.m. (please arrive by 9:20)  
**Finish:** Approximately 11:30 a.m.  
**Registration Deadline:** March 19

“**So great to be outside on such a nice day, enjoying a study trip, and getting some exercise for the body and mind.”**

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**OLLI’s Virtual Classroom**

Please enroll in courses that mesh well with your schedule. OLLI’s virtual classes will not be recorded for later access. We want to create the interactivity in real time that is the hallmark of OLLI at NC State. We also are opting not to record courses for other reasons as well, including privacy, content control, and to be in compliance with the principles of fair use of media content for educational purposes.
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, we thank the following generous donors who have made contributions to OLLI at NC State in the current fiscal year.

### Contributors to OLLI
**July 1, 2020 - October 15, 2020**

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Registration Procedures

OLLI membership is required for participation in courses, trips, and events. Membership fee for January 1, 2021 - July 31, 2021 is $40 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 (Days / times limited because of COVID-19. Check website for schedule.)
• by mailing the registration form and a check to the address shown on the registration page.

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.

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, 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:
  • Use of NC State Libraries.
  • 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. (Schedule is dependent on COVID-19.)

• 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 (if possible due to COVID-19).
  • 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 has been operating on reduced hours throughout this COVID-19 situation. It is open Monday through Friday 8am to 5pm until further notice. The phone number is 919-515-3090. The card is free, but replacement cost 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, 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 many not be available to
IMPORTANT INFORMATION

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 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 normally activate the Wolfpack One card at the help desk before checking out materials. However, while the university is under COVID-19 restrictions, you will be able to renew your library privileges without physically going into the library. Just contact the library staff; online chat will get you the quickest results but you can also text, email or call them. This webpage contains all the contact information: https://www.lib.ncsu.edu/askus.

The D.H. Hill Jr. Library and the J.B. Hunt Jr. Library are open. All visitors will be required to wear a mask at all times. You will need a Wolfpack One ID card to gain access. (See section on OLLI Member Benefits/Wolfpack One ID Card for information on how to obtain one)

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.

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 posting from our community friends. Follow the link on our website; “like” us and you can post content of your own!

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.

Class Cancellations Due to Adverse Weather
During the COVID-19 pandemic, when OLLI is offering courses online, we expect OLLI courses will not be impacted by adverse weather. We will make a decision to cancel on a case-by-case basis, so look for an email from the OLLI office on the day of the lecture/class/study trip. We will also Tweet status reports, which can be found on the main page of our website. (Under normal circumstances, when OLLI offers classes face-to-face, all OLLI programs, including off-site classes and study trips, are canceled when the Wake County Public Schools close to students because of adverse weather.)

Save That Email!
We will email the link for you to access your online class the day before your class starts. For multi-week courses, the link will only be sent once, so save that email!

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. We hope you will join our community of learners!

We will email the link for you to access your online class the day before your class starts. For multi-week courses, the link will only be sent once, so save that email!
Join Our Member Socials!

Our themed member socials are a great way to meet fellow members, enjoy some laughs, and lift spirits. We've held quizzes, Readers Theatre performances, and discussions on a range of topics, such as books suggestions or favorite souvenirs. Watch for emails announcing the topics and join us!

“OLLI has been an important resource for me since retirement but has been an extra help during the pandemic.”

OLLI Voices
Our Member Blog

Visit the OLLI Voices page on the OLLI website for interesting stories and articles written by members, instructors, and staff. You will find it under the About drop-down menu at the top. Would you like to contribute? Contact Joan Hardman-Cobb, OLLI Assistant Director, for more information: jcobb@ncsu.edu

New to Zoom?

We have a variety of resources on our website to help you get started with Zoom, including Zoom tips for smart devices and FAQs. Look for the Zoom tips option under the “Programs” drop down menu.
Have the OLLI You Want – Get Involved!

OLLI at NC State reflects its members’ interests and desires. It is a collaborative effort among staff and volunteers, both members and instructors. Here are some of the ways you can help make a difference in your OLLI:

• Be a Class Host and welcome our volunteer instructors
• Join and help organize a special interest group
• Contribute to our member blog OLLI Voices
• Enjoy planning and welcoming members at OLLI’s social events via the Hospitality Committee
• Help keep program fees low and ensure OLLI’s future through the Finance & Development Committee
• Spread the word about OLLI via the Membership Development & Marketing Committee
• Serve on a subject-area Program Subcommittee and convert your ideas into courses!

Learn more by going to the OLLI website and selecting the Get Involved option.

"Volunteering for OLLI is fun! I love the program and want to grow it, enrich it, and keep it going."

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 ADVISORY COUNCIL

**AT LARGE**
- Katie Robinson, Chair
- Julia Daniels
- Randy Fraser
- Charlie Kronberg
- Barbara McGeachy

- Candy Robinson
- Ed Speas
- Lee Tate
- Alan Wood

**EX OFFICIO**
- Jay Confalone
- Rita Baur
- Barbara Buescher
- Tom Hutchinson

- Chuck Korte
- Karen Orlovich
- Linda Shell
- Ray Fornes

### STANDING COMMITTEES

These committees -- composed of OLLI members -- help guide, promote, and develop OLLI programming. Contact us for more information about volunteering on a committee.

#### PROGRAM DEVELOPMENT
- Barbara Buescher, Chair
- Debra Burton
- Tina Certo
- Lan-Anh Dang
- Maureen Deis
- Randy Fraser
- Bill Pace
- Carol Rahmani
- Steve Sakofsky
- Ed Speas

#### MEMBERSHIP DEVELOPMENT & MARKETING
- Rita Baur, Chair
- Lea Ackerman
- Debbie Beroth
- Margil Conrad
- John Davis
- John Dickson
- Helen Holt
- Annie Lang
- Ela McElroy
- Sherrill Stanley
- Kevin Waters

#### PROGRAM SUBCOMMITTEE MEMBERS

- Don Adams
- Eugene Ball
- Geoff Benson
- Barbara Buescher
- Debra Burton
- Henry Campen
- Brenda Carbon
- Tina Certo
- Chris Cortese
- Sean Dail
- Lan-Anh Dang
- Stan Darer
- Maureen Deis
- Phyllis Demko
- Bob Dietz
- Bill Dvorak
- Randy Fraser
- David Heilner
- Diana Hutchinson
- Sharon Jeffers
- Charlie Kidder
- Charlie Kronberg
- Susan Lewellen
- Mark Long
- Gerry McLaughlin
- Josetta McLaughlin
- Bob Metz
- Linda Miller
- Ron Monti
- George Nemec
- Laura Niemi
- Robert Oliva
- Ben O’Neal
- Bill Pace
- Jim Parina
- Margaret Paschal
- Carol Rahmani
- Candy Robinson
- Matt Rogan
- Steve Sakofsky
- Ann Sides
- Carla Skuce
- Ed Speas
- Thomas Toms
- George Wilson

#### HOSPITALITY COMMITTEE
- Adele Rogan, Chair
- Jo Adams
- Sally Alcorn
- Grace Ann Chirico
- Judy Doss
- Sylvia Gill
- Michelle Guy
- Marie Kehres
- Leslie Krotee
- Arlene Wouters

#### FINANCE & DEVELOPMENT
- Tom Hutchinson, Chair
- Russ Brownell
- John Hemperly
- Bill Jones
- Chuck Korte
- Allyn Kosenko
- Katie Robinson
- Chris Taylor

### OLLI VOICES

- Mercedes Horton
- Larry Kingsley

**PHOTOGRAPHER:** Julia Daniels

**VOLUNTEER COORDINATOR:** Linda Shell and Diane Schroeder
We encourage registration online or by phone:

Online: [ncsu.edu/olli](http://ncsu.edu/olli)  Phone: 919.515.5782

If you choose to register by mail, fill out this form, include check (payable to OLLI) or credit card information and mail to: OLLI  NCSU CB 7401  Raleigh, NC 27695

(Please note: there may be a delay with processing mail-in registrations because of COVID-19)

**OLLI SPRING 2021 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:

<table>
<thead>
<tr>
<th>COURSE/LECTURE/STUDY TRIP #</th>
<th>TITLE</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LLI-2-001-001</td>
<td>Vacationing on Mars: Ten Must-See Places!</td>
<td>$35</td>
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<table>
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<tr>
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<th>TITLE</th>
<th>FEE</th>
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<tbody>
<tr>
<td>Prorated Annual Membership (Jan 2- July 31, 2021) (do not pay if you paid your membership in the fall)</td>
<td>$40</td>
<td></td>
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Donation to OLLI

For OLLI use:

| TOTAL | $ |

**PAYMENT OPTIONS**

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<tr>
<th>VISA</th>
<th>Mastercard</th>
<th>American Express</th>
<th>Check</th>
<th>Card #</th>
<th>Exp. Date</th>
<th>CVV Code</th>
</tr>
</thead>
</table>

Name as appears on card (print) __________________________________________________________________________

For additional copies of this form, go to our website at [www.ncsu.edu/olli](http://www.ncsu.edu/olli)