Mission Statement

OLLI, a member-volunteer organization, offers non-credit academic classes and stimulating programs, along with social opportunities for retired and semi-retired men and women. Members use their talents, experiences, and skills creatively in shared intellectual and cultural pursuits. We strive to respect diversity of thought in a relaxed, supportive academic environment, exploring new interests, discovering and developing latent abilities, and contributing to the immediate and broader communities.

About the Osher Foundation

Thanks to the generosity of the Bernard Osher Foundation, the network of Osher Lifelong Learning Institutes across the United States is meeting the needs of older learners who want to participate simply for the joy of learning and personal fulfillment. To date there are more than 123 OLLI programs in the United States from Maine to Hawaii and Alaska.

Welcome to OLLI East at DU…

Where curiosity never retires.
Dear Friends,

Enclosed is the Fall 2019 curriculum information for OLLI East, our new campus within the Osher Lifelong Learning Institute at the University of Denver. We hope you are as excited about participating in OLLI East as much as our volunteer leaders and I delight in our program.

Classes will take place on Tuesdays and Wednesdays, and also on Thursday mornings. **Our eight-week Fall term begins Tuesday, September 17.**

OLLI brings together mature adults with a passion for continued learning and intellectual growth in a relaxed, non-competitive atmosphere to study and learn. All OLLI East classes are held in classrooms at Mississippi Avenue Baptist Church, 13231 E. Mississippi Avenue in Aurora. We hope you find several classes interesting and will join us for up to eight weeks of learning, discussion and fun!

Members also can access the class catalog and register online by going to the OLLI East website at www.Portfolio.du.edu/ollieast. Visiting the website gives you the advantage of viewing classes at all six OLLI sites — East, Central, West, South, Boulder & OLLI-on-Campus by clicking on each of these links. (Don’t forget, your membership dues allow you to take as many courses as you like on a space-available basis at any of the six sites.) Although OLLI East’s classes take place on Tuesdays, Wednesdays and Thursday mornings, you can find classes offered on other days of the week at the other OLLI sites.

Those who lead our classes are volunteer facilitators with experience in a particular subject or a deep passion for that subject (ask us about how to facilitate). All OLLI East classes must have a minimum number of members enrolled based on facilitator requirements, so if that minimum isn’t reached within one week of starting classes, the class will be cancelled entirely.

Please do not purchase recommended course books until the week before class begins; we cannot refund book purchases if a course has been cancelled. Membership fees will be refunded if a class does not make minimum enrollment and no other classes are requested.

We look forward to OLLI East expansion, with additional courses, and we sincerely appreciate your support and commitment! Please share your Class Catalog with friends and neighbors who may want to participate in OLLI.

If you have questions or want additional information, call (303) 300-9940, or email me at ollidueast@gmail.com.

Sincerely,

Paul Simon
OLLI East Manager
Membership Fee Information

**Fees:** $130 per term for unlimited classes

Scholarships are available

**MEMBERSHIP FEE INCLUDES THE FOLLOWING BENEFITS:**

- Participation in classes at East, Central, West, South, Boulder, and OLLI-on-Campus. Enrollment in classes is limited based on classroom size and facilitator preferences.

- Special member price for The Summer Seminars of OLLI.

- Notice of unadvertised DU events. Many are at no cost.

- Invitations to annual social events.

- Discounts from Tattered Cover on books for courses.

**LAMONT SCHOOL OF MUSIC:** All OLLI members get the senior/group rate for Ode to Nature or the Spring Opera.

**UNIVERSITY OF DENVER LIBRARY:** (Anderson Academic Commons) borrowing privileges. See www.portfolio.edu.ed/olli for details.

**ENRICHMENT PROGRAM:** Our sister organization offers classes at the University of Denver. The classes are led by professors and staff and are held during the evening hours. OLLI at DU members enjoy a 20% discount on most enrichment courses when they register with the code OLLIF19. To review the course offerings, please go to http://universitycollege.du.edu/enrichment or visit the 2211 South Josephine Street office and pick up a catalog in the front reception area. Some exclusions do apply.

**DU ATHLETICS:** Purchase one full-price ticket and get one free ticket to any men’s or women’s basketball game, based on availability.

**COORS FITNESS CENTER:** $25 per month membership for 12 months. Sign up only during fall term. Ruth Brown, Associate Director of Recreation, 2201 E. Asbury Avenue, Room 4515, Denver, CO 80208, 303-871-4694, rbrown8@du.edu. Check with OLLI before heading to the Coors Center.

**OLLI POLICY STATEMENT**

In the spirit of fostering understanding, all OLLI members are encouraged to share opinions and ideas. OLLI class participants do not attempt to “convert” others because there is a mutual respect for each member’s experiences, ideas, value systems and beliefs. The true focus of an OLLI class is the critical examination of issues and opinions. All participants’ points of view carry equal weight. Consensus is not the goal. We encourage participants with all points of view to attend and become engaged through discussion and civil debate.

**REFUND POLICY**

**Per term:** Full refund of $130 if requested no later than 10 days into the term. Please contact Paul Simon at ollidueast@gmail.com to request a refund. There will be no refunds for materials fees unless a class is canceled.
**Letter from the Executive Director**

Welcome to the Fall Term of the Osher Lifelong Learning Institute aligned with the University of Denver (known to many as OLLI at DU). OLLI at DU is a thriving organization comprised of over 3,000 lifelong learners all over the age of fifty! We have six (6) unique sites. The catalog you are reviewing is for our OLLI East site. On the inside of the back cover, we have a map of the Denver metro area and the locations of all of our sites.

OLLI at DU is a volunteer organization started nearly 25 years ago. We were built on the concept of ‘peer-lead’ or ‘peer-facilitated’ courses. This approach provides amazing learning opportunities at an incredibly reasonable price! This past year the six sites together offered a total of more than 500 courses at eight distinct locations. The majority of these courses were offered by facilitators – OLLI members with a love of sharing their passions. Although we do offer some speaker series-type courses, our typical class size is 20 – 25 member attendees. This allows for quality discussion and participation. We have found that our members enjoy asking questions and engaging in the topic.

I mentioned an incredibly reasonable price. Any of our three eight-week terms is offered at a price of $130.00 for the term. This price provides access to all of the courses offered at all of the sites for that term. We do not work on a first-come-first-serve basis. Rather, the first two weeks of any term’s registration period is considered an open registration request period. At the end of this open registration, the staff reviews the registrations to determine if any of the courses are beyond the attendee limit set. If any classes are over-requested, the staff reduces the number of requests using the priority notations made by the member. Once this process is completed, we then move to a more normal first-come-first-serve process.

I hope, as you peruse this catalog, you see several courses of interest. I also hope you consider the topic(s) you might like to share with the other OLLI at DU members.

*Barbe*

Barbe J Ratcliffe  
Executive Director – OLLI at DU
Senior Planet Technology Courses

OLLI East is hosting two courses for SeniorPlanet.org, a nonprofit organization new to Colorado that celebrates aging by sharing information and resources that support aging with attitude.

Each course will consist of two weekly 75-minute sessions for five weeks, beginning in October. The Senior Planet courses are free. Registration and payment for OLLI courses is not required. For non-OLLI members, select Guest from the drop-down menu in the Registration Information section on page 2 of the online registration form. Each course is limited to 14 students and is open to OLLI members and the public.

Both courses consist of lecture and hands-on activities that include writing. They are taught on the iPad, Apple’s tablet, which will be supplied by Senior Planet. You should be somewhat comfortable using a touchscreen on a tablet or smartphone. You must also have an email address. For the Social Media for iPads course, you should be comfortable using an iPad or table to navigate websites and to search for information on the Internet.

**Intro to Digital Culture for iPads**

Tuesday & Thursday, 9:30-10:45 a.m.
Oct. 8, 10, 15, 17, 22, 24, 29, 31; Nov. 5, 7

This course explores the growing role of the internet in everyday life. By the end of this course, you’ll know how to connect more easily, avoid scams and fraud, identify reliable health resources, and virtually attend cultural events and museum exhibits. In other words, you will have a better understanding of digital culture! This course will also give you the chance to meaningfully practice skills that you learned in a Basics or Essentials course.

**Social Media for iPads**

Tuesday & Wednesdays, 1:00-2:15 p.m.
Oct. 8, 15, 16, 22, 23, 29, 30, Nov. 5, 6
(No class on Oct. 9 - Makeup TBA)

This course will take you through many of the most popular social media tools used worldwide by Internet users of all ages, including Facebook, Twitter, Instagram, and more. It introduces these social platforms so you can learn more about the way they are changing the way we communicate with each other. Prerequisites: The Intro course is NOT a prerequisite for this course.
OLLI Worldview 2019-2020

OLLI at DU will be offering two (2) Worldview trips this coming year...three if you were to count the November 2019 trip to Memphis – Magic on the Mississippi...which is now filled!

Shades of Ireland (including Northern Ireland)
Company: Collette Travel AND an OLLI Trip
13 days from June 1 – 13, 2020
Double Occupancy – $4,749; Single Occupancy – $5,499
Includes Round-trip Airfare from Denver International Airport (DIA)
• From vibrant and history-filled Dublin, across rolling green hills to the dramatic coast and onwards to Derry, experience the charms of the Emerald Isle
• Uncover the legend of the Titanic at Belfast’s famed Titanic Experience
• View the Atlantic from the stunning 700-foot Cliffs of Moher
• Stand on the awe-inspiring Giants Causeway
• Experience the world-famous beauty of the Ring of Kerry

OLLI-on-Campus Manager, Jackie Wyant, will be offering a course on Ireland and will be joining the trip.

Ireland

Amalfi Coast

Sorrento— The Charm of the Amalfi Coast
Company: AHI International AND an OLLI Trip
8 days from June 17 – June 25, 2020
Double Occupancy – $3,690; Single Occupancy – $4,485
Does NOT include Airfare to Naples International Airport!
• Indulge in Italy’s enchanting Amalfi Coast, a region that has lured travelers, writers and romantics for centuries. Staying in captivating, cliff-side Sorrento for seven nights, we will discover the region’s full breadth of treasures
• From fabled villages to flower-filled alleys, thrill to visual splendors and legendary sites
• Travel a serpentine road along the Amalfi Coast, passing awe-inspiring natural scenery and vertiginous houses, including colorful Positano
• Taste exquisite cuisine in the Campania region

OLLI at DU Director, Barbe Ratcliffe, will offer a course on Pompeii on Day 7. Registration for these trips will open in September 2019. Stay tuned for more information.
Course Titles by Topic for Fall 2019

**History**
- 100 Years of America’s National Parks
  - Larry Walling
- 500 American Indian Nations: Past and Present through Film and Discussion
  - Roger Collins
- Entering Colorful Colorado!
  - Irwin Kirk
- The Great Great Lakes: Their History and Stories
  - Chris Petty
- U.S. Constitution and Institutions of Democracy
  - Jane Earle
- With Rommel in the Desert
  - Mac McHugh

**Public Affairs**
- Income Inequality Impacts: Identity, Community, Politics
  - Barbara Lilly
- News and Views: Current Events
  - Maria Valdes
- TED Talks
  - Jim Bernuth
- U.S. Criminal Justice: The Racial Divide
  - Peg Solomon
- Under the Golden Dome
  - Diane Rich, Nan Morehead, Christine Murphy

**Literature & Writing**
- All that Glitters is Not Gold: Shakespeare Aloud
  - Eileen Wigginton
- Mysterious Places
  - Linda Lange

**Science & Technology**
- Be Good to Your Gut
  - Judie Maurelli
- Beginning Birdwatching with Denver Audubon
  - Kate Hogan, Dan Wright, Diane Hutton
- The Birth and Death of Stars
  - Stewart Jones
- Introduction to Space
  - Eric Johnson
- What the BLEEP Do We Know about Theoretical Physics
  - Peter Gilbert
- Weather Tech
  - Thomas Corona

**Visual and Performing Arts**
- 1960s Music at the Movies
  - Glenn Gravlee, Paul Simon
- Beyond Pillow Books: Japanese Woodblock Prints in the Edo Period
  - Jerry Mercure
- Matinee at the Bijou: The Mystery Series # 3
  - Mac McHugh
- Impressionism and Monet: The Truth of Nature
  - Diana Huston

Please register online at www.portfolio.du.edu/ollieast
### Weekly Calendar for the 2019 Fall Term at OLLI East

**Classes begin Tuesday, September 17, and end Thursday, November 7**

Morning classes: 9:30-11:30 a.m. and afternoon classes: 1:00-3:00 p.m.

Classes will **NOT** be held on Yom Kippur, October 9

#### Tuesday A.M.
- 100 Years of America’s National Parks
- All that Glitters is Not Gold: Shakespeare Aloud
- Beginning Bird Watching with Denver Audobon *(New Course)* (4 wks, begins Sept 24)
- The Birth & Death of Stars
- Under the Golden Dome

#### Wednesday A.M.
- Be Good to Your Gut: The Science and Art of Wild Fermentation *(4 wks, begins Oct 16)*
- Mysterious Places *(New Course)* **Note: No class Oct 9 (make-up class TBD)**
- Weather Tech **Note: No class Oct 9 (make-up class TBD)**
- With Rommel in the Desert *(New Course)* **Note: No class Oct 9 (make-up class Nov 13)**

#### Thursday A.M.
- Beyond Pillow Books: Japanese Woodblock Prints in the Edo period *(New Course)*
- Income Inequality Impacts: Identity, Community, Politics
- Introduction to Space
- News and Views: Current Events
- U.S. Criminal Justice: The Racial Divide

#### Tuesday P.M.
- 1960s Music at the Movies *(New Course)*
- Entering Colorful Colorado!
- TED Talks
- U.S. Constitution and Institutions of Democracy
- What the Bleep Do We Know about Theoretical Physics?

#### Wednesday P.M.
- 500 American Indian Nations: Past & Present through Film & Discussion **Note: No class Oct 9 (make-up class TBD)**
- The Great Great Lakes: Their History and Stories *(6 wks, begins Oct 2)* **Note: No class Oct 9 (make-up class Nov 13)**
- Impressionism and Monet *(New Course)* *(4 wks, begins Oct 24)*
- Matinee at the Bijou: The Mystery Series # 3 **Note: No class Oct 9 (make-up class Nov 13)**

#### Thursday P.M.
- No Classes
100 Years of America’s National Parks

Facilitator: Larry Walling

America’s Best Idea? America’s Storyteller? 2016 was the 100th anniversary of the creation of the organization charged with protection, administration, maintenance and management of the 419 areas of national significance which comprise the National Park System.

Join us for this class where we will explore units of the national park system. The first week we will briefly examine the history of the National Park Service and review the different types of units in the system. Yes, not all units are parks even though that is the conventional or generic label used most often to describe them. For the next seven weeks the class will, each week, examine a region of the United States and National Park Service units within that region. The significance, a very brief history and outstanding features will be discussed for each park. No books will be required.

Book/Materials: None
Class Type: Lecture, discussion
Materials Fee: None

Larry Walling is retired from the National Park Service but his passion for National Parks and international protected areas continues. He enjoys sharing his passions with OLLI members.
Tuesday 9:30 - 11:30

All that Glitters is Not Gold: Shakespeare Aloud

Facilitator: Eileen Wigginton, Master Facilitator

Often have you heard that told:
Many a man his life hath sold
But my outside to behold:
Gilded tombs do worms enfold.

Whew! One of Shakespeare’s many proffers for us to consider while reading The Merchant of Venice. We will also read The Taming of the Shrew. This class reads the Bard’s plays aloud with a different “cast” each week followed by watching the BBC film version. We read, pause and savor as we go. Hams Welcome!

Book/Materials: None
Class Type: Lecture
Class Size: 10+
Materials Fee: None

Eileen Wigginton, for whom the love of English and Irish literature comes naturally by heritage, has led The William Shakespeare Society at OLLI Central for many years.
Beginning Birdwatching with Denver Audubon  
(New Course)

**Facilitator:** Kate Hogan, Dan Wright, Diane Hutton  
**4 weeks**

*Introductory lecture held Sept 24 at Mississippi Ave Baptist Church*

**Field Trips:** Oct 1, 8, 15

New to birding in Colorado? Wonder where to begin? Let Denver Audubon help you learn about bird identification through sight, sound, and habitat, as well as choices for binoculars, scopes and field guides. Instruction takes place on field trips to some of the best birding spots in Arapahoe County. Learn to develop a practiced eye and ear. Meet new friends and change the way you spend time outdoors!

Introduction lecture at Mississippi Avenue Baptist Church **on Sept. 24** with final field trip locations TBD each week based on bird activity. Possible locations include Barr Lake State Park, Cherry Creek State Park, Morrison Nature Center at Star K Ranch.

**Book/Materials:** None  
**Class Type:** Hands-on field trips  
**Class Size:** 10+  
**Materials Fee:** $40 for entrance fees. Please bring cash or a check made out to Denver Audubon to the first class on Sept. 24.

**Kate Hogan** is the Community Outreach Coordinator for Denver Audubon and manages the Audubon Nature Center at Chatfield State Park. She has a background in wildlife and environmental education spanning from the rain-forests of Australia to the kelp beds of the Pacific Ocean. She moved to Denver in 2005 and has now added the Rocky Mountains to her list of favorite wildlife habitats. Kate graduated from the University of Puget Sound with an undergrad degree in Natural Science and Biology and from Regis University with a master’s degree in nonprofit management. She loves combining her passion for animals with an amazing nonprofit like Denver Audubon whose mission is to advocate for the environment, connecting people with nature through education, conservation, and research. She is proud to say that her 6-year-old daughter chose not “mama” or “dada” as her first word but the word “owl”!
Birth and Death of Stars

Facilitator: Stewart Jones, Senior Facilitator

Astronomy is possibly the most rapidly developing of all the sciences. The past several years have seen quantum developments in our understanding of the universe. Unmanned astronomical spacecraft including the Hubble telescope, Spitzer, Kepler, etc. have significantly expanded our knowledge in areas such as the birth of planets.

This course will describe how stars form, their life cycle, their eventual death process and the impact of the sun on life on Earth.


Class Type: Lecture, discussion, videos

Class Size: 10+-

Materials Fee: No

Stewart Jones has been an Episcopal priest for 49 years and has served several parishes and missions in the Denver area during that period. He has also been a systems and software engineer for 39 years with the Gates Rubber Company and Martin Marietta, where he was a Senior Staff Engineer. He is currently a volunteer at the Denver Museum of Nature and Science. He holds a BA in mathematics from Northwestern University and a Masters in Theology from Seabury Western Theological Seminary in Chicago. He has a lifelong association with the Episcopal Church.
Under the Golden Dome

Facilitators: Diane Rich, Nan Morehead, Christy Murphy

This course is designed to improve people’s knowledge and understanding of Colorado state government through speakers with firsthand experience in their specialties (updated from your high school civics classes). The focus will be on the procedures and processes, formal and informal, of enacting and implementing Colorado law.

The class will feature speakers from the Legislative and Executive branches, such as the Attorney General, State Treasurer and others who are involved in law-making and administration. In addition to the roles of legislators and the Governor, we will examine the important part played by lobbyists-corporate, non-profit, and volunteer-in the age of legislative term limits and discuss the initiative and referendum processes.

A tour of the Capitol will be included.

Book/Materials: None
Class Type: Lecture, guest speakers
Class Size: 10+
Materials Fee: None

Diane Rich has an M.A. in History from Xavier University. She was a secondary history teacher, lobbyist, paralegal, and legislative aide at the Capitol.

Christy Murphy is a retired lawyer with a law degree from Yale. She was executive director of two non-profit organizations and also served as a senior policy adviser to Governor Bill Ritter.

Nan Morehead has a M.A. in History from the University of Colorado, Boulder. She lobbied for 30 years at the state capitol, was Director of Public Policy for the Denver Department of Human Services.
Music was king in the 1960s, but movies were also distinctive and distinguished. This course features good-to-great 1960’s movies that contained musical hits. Each movie had at least one song that reached the Billboard Top 5, and five of them had #1 songs. The movies encompass multiple genres including comedies, suspense-thrillers, westerns, and dramas. Some resist placement into a single category. The Academy of Motion Pictures nominated two of them for best film and two for best musical score. We will watch the movies and analyze the music and musical elements. Some of the class sessions will exceed two hours and will be designated accordingly in the syllabus.

**Facilitators:** Glenn Gravlee, Paul Simon

Glenn Gravlee is an Emeritus Professor of Anesthesiology at University of Colorado School of Medicine. Over a 40-year career, he worked clinically and taught at several other medical schools as well: Harvard, Wake Forest, MCP/Hahnemann (now Drexel), Ohio State. He retired in January 2018 and co-facilitated ’60s Music: The Songs and the Times (Parts 1 and 2) with Paul Simon in the Winter and Spring terms in 2019. He notes he has plenty of teaching experience, but 1960s music as a subject is a first. He and his wife of 45 years, Joyce (another new OLLI student) have two children and six grandchildren.

Paul Simon is a child of the ‘60s who is halfway adept at recognizing ‘60s songs by name and artist after a few bars – particularly Simon & Garfunkel music. A longtime journalist (Associated Press, The Denver Post), he has taught adjunct newswriting and reporting classes at the University of Denver and at the Denver Post. He joined the OLLI staff as Central manager in October 2015 and became manager of OLLI East in 2018 to help build a new campus to serve the lifelong learning needs of the Aurora and East Denver areas. He co-facilitated ’60s Music: The Songs and the Times (Parts 1 and 2) with Glenn Gravlee in the Winter and Spring terms in 2019.
Entering Colorful Colorado!

Facilitator: Irwin Kirk, Master Facilitator

In this class we will seek answers to fascinating questions about the history of our centennial state: How does the story of events in Colorado fit in with Western History? What happened in Colorado before the discovery of gold? What is Colorado’s relationship to the Great Platte River Road, the mountain fur trade, and the emigrant treks west? What were the successes and failures among railroads in Colorado and what role did the railroads play in development of the state? Who are some of the state’s saltier characters and why have they earned such notoriety? How has water shaped the state’s history? What impact did World War II have on Colorado? Why did Colorado voters refuse to sponsor the Olympics in 1976?

Come and learn the intriguing history of the colorful state that is a beloved home to both native children and adopting newcomers!

Book/Materials: None
Class Type: Lecture
Class Size: 15+
Materials Fee: None

Irwin Kirk is a retired attorney with the federal government and Master Facilitator at OLLI Denver. He has previously facilitated classes on Western Movement, Reconstruction, Coming of the Civil War, 1914, World War I as Political Tragedy, the Paris Peace Conference, Origins of World War II and the Russian Revolution. Irwin has also facilitated OLLI classes at the University of North Florida, Jacksonville.
TED Talks

Facilitator: Jim Bernuth

TED Talks is an international speaker’s forum providing a platform for “Ideas Worth Sharing,” using the internet to reach the widest possible audience. Topics and videos are selected with the particular interests of OLLI members in mind, and speakers are pre-screened and fact-checked for quality control. Several TED Talks will be presented and discussed in each class.

Book/Materials: None
Class Type: Short videos, followed by lively class discussion
Class Size: 15-25
Materials Fee: None

Jim Bernuth worked in the non-profit sector for many years in a variety of management and leadership positions. He has served with the Downtown Denver Partnership, Mercy Housing, Project PAVE, and the National MS Society. Since retiring, he has pursued his passion for lifelong learning through OLLI.
The United States is undergoing a turbulent time in its history. It is not the first such time in its 240 years of existence. Americans weathered a revolt and protracted war with the world’s most powerful nation to create this country. A civil war only 73 years later was followed by the divisive reconstruction period. To save the world from tyranny our nation fought World War II and won a lasting peace. What the country is experiencing now is an equally serious threat to its existence as a democracy. It requires the interest and knowledge of all its citizens. In 1887, when a passerby asked of Benjamin Franklin what the members of the Constitutional Convention had been doing in Carpenters’ Hall all summer, Franklin replied, “We have given you a Constitution, madam, if you can keep it.”

It is now our turn to try to keep our Constitution as previous generations have done. To do that, we must first know what the Constitution is and is not, what it can do and what it cannot, and what are the institutions that support and sustain it and democracy in the United States. That is what we will look at in this course.

Book/Materials: The United States Constitution
Class Type: Lecture, reading
Class Size: 10+
Materials Fee: $2. Please bring cash payment to the first class session

Jane Earle has been a journalist for most of her career. She has an undergraduate double major in journalism and history. Her master’s degree is from Harvard’s Kennedy School of Government. In her career she covered state and federal government entities and federal courts. She has taught three other courses at OLLI Central.
What the *BLEEP* Do We Know about Theoretical Physics?

**Facilitator:** Peter Gilbert, Master Facilitator

An introductory, non-mathematical overview to those areas of theoretical physics that you have heard of but never fully explored. Peter will cover the following topics during this 8 week course:

- Gravity from Isaac Newton to Albert Einstein.
- Quantum Theory and the search for the “Theory of Everything”.
- Radioactivity from Marie Curie to the atomic and hydrogen bombs.
- Fundamental Particles from the ancient Greeks to the discovery of the Higgs particle.
- Cosmology from the Big Bang to the universe’s ultimate fate.
- Astrophysics and the life cycle of our sun.

This course requires no previous knowledge but will be fast moving and wide-ranging.

**Book/Materials:** None

**Class Type:** Lecture

**Class Size:** 15+

**Materials Fee:** None

*Peter Gilbert* was born and raised in England and educated at Leeds University in science and engineering. He is now retired and living with his American wife in Colorado after serving 34 years in the British Royal Air Force as an Aeronautical Engineer.
Be Good to Your Gut — the Science and Art of Wild Fermentation

Facilitator: Judie Maurelli  
4 weeks, Oct 16, 23, 30, Nov 6

Fermented foods have regained popularity because of their ability to improve digestive health, boost immunity and fight inflammation through a process of lactose fermentation. We will make a variety of fermented foods using simple processes and ingredients. Most of the equipment needed is already in your kitchen, and vegetables and a few fruits are easily available year-round. Cooking skills are not required—just the ability to use a knife and measure some spices. Class type: Some history and instruction will be given at each session, but this is a hands-on class in the kitchen.

Book/Materials: None
Class Type: Lecture
Class Size: 6-12
Materials Fee: $20. Please bring $20 in cash or check made out to Judie Maurelli to the first class session on Oct. 16 for the materials fee.

Judie Maurelli is a self-proclaimed Fermentista who began wild fermenting for her own health issues seven years ago. She researched the importance of gut health and began eating a variety of fermented foods to recapture good gut bacteria after many rounds of antibiotics and to help with allergies. She has a B.S. in Home Economics and has taken many classes in this field. She also has an extensive background in food preparation for large groups.
“Place” is sometimes described as an additional character in mystery novels, especially when a series develops a collection of characters in a specific location. We will do some armchair travel while exploring various mystery series set in a variety of locations: Aimee LeDuc’s Paris (Cara Black), Chief Inspector Gamache’s Three Pines and Quebec (Louise Penny), Commisario Guido Brunetti’s Venice (Donna Leon), for example. Each week focuses on a different author and location, with attention to the stories, the characters, and the place.

Class members may read from the series to discuss the stories, plots, and characters. Travelers may share highlights of the locations featured in each week’s series. We’ll explore how the geography, climate, history, and politics of a location inform the stories and characters. And with luck, we’ll all come away with some new starred items for our reading lists!

**Book/Materials:** None  
**Class Type:** Discussion  
**Class Size:** 10-15  
**Materials Fee:** None

*Linda Lange* is a voracious reader of mystery and science fiction, an enthusiastic gardener, and amateur tai chi practitioner. She is retired from teaching finance, accounting, and small business management at Regis University. *Linda has not yet retired her CPA license, but uses it mostly in volunteer work. She has not yet retired her CPA license, but uses it mostly in volunteer work.*
Weather Tech

Facilitator: Thomas Corona, Senior Facilitator  
Note: No Class Oct 9  
Make-up class TBD

TV weathercasters usually have 4 minutes to present the weather and forecast on a typical day. During this time they show graphic after graphic of Doppler radar loops, satellite pictures, and computer model forecasts. This class will look at the technology used to study and forecast the weather with emphasis on radar, satellite, and computer (numerical) models of the atmosphere. We will discover how they do what they do and how to interpret what is displayed in the graphics (pictures) shown on the weathercasts. The class will also keep an eye on the current weather and forecasts for Colorado. Weather Tech is a follow-up class to Prof. Corona’s Weather For Everyone and is for those wishing to delve a little deeper into the science of weather. A little lecture, video presentations, charts, graphs, and many discussions will form the basic structure of the course.

Book/Materials: None  
Class Type: Lecture, Discussion, Videos  
Class Size: 10+  
Materials Fee: None

Prof. Thomas Corona has been a meteorologist for more than 40 years. He attended Colorado State University, receiving a Masters Degree in Atmospheric Science. Tom taught meteorology courses at Metropolitan State College in Denver and also worked for the NOAA/PROFS program chasing tornadoes. He now devotes his time to volunteering and music performance, writing, and production.
Wednesday 9:30 - 11:30

With Rommel in the Desert
(New Course)

Facilitator:  Mac McHugh, Master Facilitator

Sept 18, 25, Oct 2, 16, 23, 30, Nov 6, 13
Note: No Class Oct 9

“Rommel” – the name struck fear into his enemies’ minds. Montgomery said the first thing he had to overcome was his troop’s belief that Rommel was invincible in the desert. But wait, did the Battle of North Africa start with Rommel’s arrival or was it before that? Why was this stretch of sand so important? What were Hitler’s aims in North Africa? What were the side shows? Europe took priority over the other operating areas in the war. Why was it first for men and material? How did each side make mistakes that wrested defeat from victory? How did code-breaking affect both sides? What was the battle of Rommel’s supply lines?

We will look at the politics, the strategy, the tactics, and the military leaders on both sides of the conflict as the Allies and the Axis battled back and forth in the desert. We will end the class with a look at the final aftermath of the Afrika Korps.

Book/Materials: None
Class Type: Lecture, discussion
Class Size: 10-35
Materials Fee: None

Mac McHugh, Master Facilitator, joined OLLI Denver in 2011. Mac spent 38 years with the Department of Defense in the areas of accounting, auditing, and systems development. He is a World War II history buff and has facilitated 23 classes on technology, film, and history at OLLI.
500 American Indian Nations: Past and Present, Through Film and Discussion

Facilitator: Roger Collins    Note: No Class Oct 9, Make-up Class TBD

What do you know about the history of American Indians -- the culture, the pivotal events, the tragedy and sadness, the enduring pride, the attitude that “We are still here?” We will examine all of these important considerations during this class. It is difficult for this country to fully empathize with the experience of our indigenous population.

It is time for understanding and healing to unfold, so that the rich history and culture, the integrity and dignity of Native Peoples can truly be viewed through their eyes and told in their words.

Book/Materials: None
Class Type: Lecture, discussion
Class Size: 10+
Materials Fee: None

Roger Collins is a graduate of the University of Denver. In his first career of 25 years he managed several Sears, Roebuck and Company stores in Colorado and Wyoming. In the next 15 years, he created the largest printing operation and franchise of Signal Graphics Printing. Since fully retiring in 2000, he has intensively studied the history, culture, lifestyles and religions of American Indians. He has traveled extensively, spending from one day to one week with various tribes throughout the United States, Alaska, Canada, Mexico and Peru (Machu Picchu).

Roger’s class is a mixture of lecture and discussion, with DVDs and PowerPoint, where history, stories and dancing are woven into a vivid interpretation of American Indian life. Roger’s library of 1400 books and 100 DVD’s chronicling various events in Indian history and aspects of Indian life has expanded his knowledge over time; he shares much of this information with the class as a point of departure for discussions. He will also display and explain a sampling of his collection of Native American artifacts, Indian art, and crafts. His goal is to help his class gain a true understanding of, and compassion and appreciation for, the American Indian.
The Great Great Lakes:  
Their History and Stories

Facilitator: Chris Petty  
6 weeks, Oct 2, 16, 23, 30, Nov 6, 13  
Note: No class Oct 9

The Great Lakes are the Sweetwater Seas/Inland Seas and contain nearly a fifth of the freshwater on Earth. They had their start almost 600 million years ago. They have ancient species and invasive species, hundreds of shipwrecks and unique environments. They have great beauty.

We will read and discuss the book *The Living Great Lakes: Searching for the Heart of the Inland Seas* by Jerry Dennis—a delightful book that chronicles Dennis’ journey across the Lakes that also includes their history and many stories. I plan to start with the geologic history of the Great Lakes, then move onto the geography; the explorers; the economic impact; the environmental impact; the fish/flora/fauna; and some of the history with the shipwrecks. Much will follow the book, and this will be augmented with PowerPoint presentations. The objective for class participants is to learn more about these unique and impressive lakes.

**Book/Materials:** Required: *The Living Great Lakes: Searching for the Heart of the Inland Seas* by Jerry Dennis  
**Class Type:** Lecture, discussion  
**Class Size:** 10-25  
**Materials Fee:** None

Christine Petty joined OLLI in 2014. She grew up in Illinois along the Mississippi River and spent time along Lake Michigan. Christine is a retired family physician and health insurance executive who now enjoys travel, especially trips that include hiking and long-distance walks and pilgrimages. She has walked the Frances and the Portuguese routes of the Camino de Santiago and the Kumano Kodo in Japan, and is now a Dual Pilgrim. She enjoys learning about the history and geology of places and meeting the people along the way.
Wednesday 1:00 - 3:00

Impressionism and Monet: The Truth of Nature (New Course)

Facilitator: Diana Huston  
4 weeks, Oct 16, 23, 30, Nov 6

This course is the inspiration of one of Diana Huston’s students to coincide with the comprehensive Monet: The Truth of Nature exhibit (125 paintings) at the Denver Art Museum from October 21, 2019 – February 2, 2020. Denver is the only U.S. venue. The class is four weeks in duration and is offered both at OLLI Central (first four weeks) and OLLI East (second four weeks).

The class will cover the development of modern Paris at the end of 19th century including the renovation commissioned by Napoleon III and Baron Haussmann. It will address the end of the Paris Salon and the birth of Impressionism in the 1860s–1880s. In addition to the focus on Claude Monet, influential Impressionist artists including Renoir, Bazille, Pissarro, Manet, Callibotte, Cezanne, Degas, Morisot, Cassatt, and Sisley will be introduced. Lectures will be supplemented by critical readings that approach the course material from diverse perspectives.

Book/Materials: Handouts provided by the facilitator  
Class Type: Lecture  
Class Size: 10+  
Materials Fee: None

Diana Huston is a retired private school (Dalton) European history teacher from NYC, where she was born and raised until 1996. There she developed an elective HS course in Comparative Communism. She moved to Stowe, Vt. in 1996 to raise her children, during which time she developed an art history class for art-deprived middle schoolers. In 1969 she received an Honors BA majoring in Russian and Chinese history from McGill University in Montreal. She and her husband moved to Denver via Florida in August of 2017, to be closer to her two sons and granddaughter. She has been a lecturer for OLLI for seven years on history through art.
**Wednesday 1:00 - 3:00**

**Matinee at the Bijou - The Mystery Series #3**
*(New course)*

**Facilitator:** Mac McHugh, Master Facilitator

**Sept 18, 25, Oct 2, 16, 23, 30, Nov 6, 13**

**Note:** No Class Oct 9

We return to the Golden Age of Hollywood with a further light-hearted look at the matinee mystery genre. Our dime admission this time brings us a whole new marque of movies which includes lawyers, doctors, mystery writers, teenagers, and a full-length feature of Dick Tracy. We will look at eight mystery movie series where some were successful at multiple formats, some grew out of the role, some had the same character with multiple actors playing the part, and some again were short-lived. Series include: Perry Mason (without Raymond Burr), Philo Vance, Crime Doctor, Michael Shayne, Nancy Drew, Bulldog Drummond, Ellery Queen, and a feature movie of Dick Tracy.

Join the class as we watch eight movies that represent their series. We will have a short discussion before and after the movie to discuss the stars, the plot, and why the series was successful. As always we have the mystery serial of the week.

**Book/Materials:** None

**Class Type:** Discussion, video-watching

**Class Size:** Unlimited

**Materials Fee:** None

*Mac McHugh, Master Facilitator, joined OLLI Denver in 2011. Mac spent 38 years with the Department of Defense in the areas of accounting, auditing, and systems development. He is a lifelong movie buff.*
Beyond Pillow Books: Japanese Woodblock Prints in the Edo Period (New course)

Facilitator: Jerry Mercure

While almost all of the 700 or so Japanese printmakers produced erotic representations and illustrations (“spring pictures” or “pillow books”) due to their popularity across Japanese society, a much wider range of subjects was used to appeal to an even broader public. This course will provide an overview of historical Japanese woodblock printmaking technique, show the evolution of woodblock printmaking and highlight the dominant figures in the Edo period (1615-1868).

Prepare to be awed by this art form that was hugely popular with the lower echelons of Japanese society and that is now regarded as the epitome of Japanese elegance, style and artistic skill. No extracurricular reading is required.

Book/Materials: None required
Class Type: Lecture, discussion
Class Size: 10+
Materials Fee: None

Jerry Mercure was an engineer in the defense industry for 35 years where he designed, developed, integrated, tested, operated and maintained systems for military applications. He landed in Colorado in 1998 and enjoys hiking, biking, skiing and OLLI classes. He joined the Asian Art Association associated with the Denver Art Museum because of his love for Chinese and Japanese style and art.
Income Inequality Impacts:
Identity, Community, Politics
(New Course)

Facilitator: Barbara Lilly, Senior Facilitator

Want less stress? Longer life span?

Widening income inequality seems inevitable in modern capitalist societies, but science has now demonstrated that increasing inequality has extensive negative impacts. These ripples extend from shaky self-esteem, shorter life spans, and deteriorating community health to worsening political gridlock.

This course will explore these problems and discuss current political proposals to shrink the inequality gap. We are all better off when we are ALL better off.


Class Type: Lecture, discussion

Class Size: 10-25

Materials Fee: None

Barbara Lilly is a native Coloradoan and long time OLLI member. She has facilitated nearly a dozen classes and is an admitted political junkie.
Thursday 9:30 - 11:30

Introduction to Space

Facilitator: Eric Johnson

This is an introduction to humankind’s space activities, briefly covering reasons for going to space and its utility; space exploration history; the space environment; orbits, orbital maneuvers, and interplanetary travel; spacecraft and their payloads and subsystems; launch vehicles; operations; and space trends, politics, and economics. The class will be primarily conceptual. Mathematical equations will be presented and discussed, but the focus will be on the concepts and implications of the math, not the math itself. The intent is to provide the curious but not necessarily technical person an introduction to this fascinating field of endeavor.

Book/Materials: None
Class Type: Lecture, videos
Class Size: 10-25
Materials Fee: None

Eric Johnson is a retired engineer and engineering manager with nearly 39 years experience in the aerospace industry working (and managing others working) structural dynamics loads for Shuttle and various Titan, Atlas, and Delta launch vehicles. He considers his part in the successful development of what became the Atlas V launch vehicle to be the highlight of his career.
News and Views: 
Current Events

Facilitator: Maria Valdes

Current Events is the exciting study of the world around us. In each class, we will be identifying, gathering and analyzing newsworthy events. We will utilize various media such as The Internet, television (and radio? - somebody is sure to mention an article on NPR in class) news, and of course, the newspaper. Participants will be expected to engage in the give-and-take of discussions each week.

Stay informed with other OLLI members who crave accurate, balanced news and lively discussion of verifiable (rather than alternate) facts.

Book/Materials: None
Class Type: Lecture, discussion
Class Size: 5+
Materials Fee: None

Dr. Maria Valdes is a professor at the Navy Post Graduate School in Monterey, California. She also coaches newly appointed admirals to help acclimate and learn their new assignments. She is also an organizational consultant specializing in executive development and coaching. She earned her Bachelor in Psychology, and her Master of Arts and Ph.D. in counseling from the University of Florida. She conducts executive assessments, climate surveys, and group facilitation with senior leadership teams, and other intact teams. She also designs and delivers customized leadership development programs for clients. She trains on topics that include feedback and coaching skills, driving high performance, diversity, managing differences, creating supportive work environments, team building, and utilizing group resources. She has traveled extensively and is very interested in what is happening in the world.
The U.S. Criminal Justice system is broken. It has, for all intents and purposes, mutated into a new variant of the Jim Crow laws. Learn how the laws have created a disaster that has negatively impacted entire segments of our population.

Through the use of books, articles and videos, we will examine and discuss how these laws and loss of rights have helped to create a racial divide in our country.

**Book/Materials:** Suggested Reading: *The New Jim Crow* by Michelle Alexander; *A Colony in a Nation* by Chris Hayes; *Locked In* by John Pfaff; *White Fragility* by Robin Diangelo; *Charged* by Emily Bazelon.

**Class Type:** Lecture

**Class Size:** 10-25

**Materials Fee:** None

Peg Solomon spent the first part of her career as a speech pathologist and special education teacher. After 25 years she switched careers and became an assistant public defender in Chicago. Peg has spent her entire professional life working with minorities.
Who Are the Facilitators?

They are people….just like you!

At the heart of OLLI are our facilitators and curriculum. OLLI is successful because every term we have an intriguing curriculum and a “faculty” of dedicated people volunteering their time to make it happen.

The majority of OLLI facilitators have never taught a class in their lives. They all find many different ways to organize a class based on the topic and their style – some prepare discussion questions from the text they have chosen; some prefer using lecture tapes and building a discussion around them; others have members of the class give reports; and many invite guest lecturers.

How can you find out about becoming a facilitator?

It is quite easy. Begin by simply indicating your interest to anyone on the Curriculum Committee or Paul Simon. They will be delighted to answer your questions and offer suggestions.
OLLI East Curriculum Committee

Curriculum Committee Chairperson:
Ron Goodwin, goodwin0822@msn.com

Subcommittees:
History
Chairperson: Jim Bernuth, jmbernuth@comcast.net
Fred Woll, pfwoll2433@comcast.net

Literature, Writing
Open

Public Affairs
Chairperson: Susan Putnam, putnamsusanl@gmail.com

Science and Technology
Chairperson: John Rough, jcroughsr@gmail.com
Shelly McHugh, mchugh3693@msn.com

Philosophy, Religion, Psychology
Chairperson: Diane Rich, dianerich40@gmail.com

Visual Arts
Chairperson: Jerry Mercure, jmercure@comcast.net

Facilitator Support:
Maria Valdes, mariavald@aol.com

OLLI East Member Relations Council

Martha Burroughs, meeb136@comcast.net
Len Brass, lhbrass@hotmail.com
Glenn Gravlee, Glenn.Gravlee@ucdenver.edu
Barbara Lilly (chair), barbara_lilly@yahoo.com
Willie Little, llmolly26@yahoo.com
Jim McKeown, jim@fewerworries.biz
Michael Sherwood, mssherw298@gmail.com
For information about classes at each OLLI site:

**OLLI at DU**
https://universitycollege.du.edu/olli

**OLLI Boulder**
Barbara Darling
https://portfolio.du.edu/olliboulder

**OLLI Central**
John Baumgartner, Darcey Vanwagner
https://portfolio.du.edu/olli

**OLLI East**
Paul Simon
https://portfolio.du.edu/ollieast

**OLLI-on-Campus**
Joanne Ihrig, Jackie Wyant
https://portfolio.du.edu/ollioncampus

**OLLI South**
Connie Dawson
https://portfolio.du.edu/ollisouth

**OLLI West**
Susan Schmetzer
https://portfolio.du.edu/olliewest
Directions to OLLI East

Mississippi Avenue Baptist Church
13231 E. Mississippi Avenue
Aurora, CO 80012

The church is located on the north side of Mississippi Avenue at the northwest corner of South Victor Way, two blocks west of I-225 and four blocks east of Peoria Street. Enter the church through the north door, not the main church entrance on the west side.

For information about classes at OLLI East, contact Paul Simon
ollidueast@gmail.com • 303-300-9940

Website: portfolio.du.edu/ollieast