OLLI-UA Fall 2022 Catalog

170+ Classes, Field Trips and More

Online and In-person
Central Tucson
SE Tucson (Vail)
& Green Valley

12 Weeks:
Sept. 12 to Dec. 9
Welcome to OLLI-UA Fall 2022!

This fall we are excited to offer expanded in-person classes at our Central Tucson, SE Tucson (Vail) and Green Valley Campuses. We also have robust online Zoom program classes. Please note our OLLI-UA 501(c)(3) COVID-19 policy for in-person activities at our campus locations below.

Fall Session Overview

- There are 170+ offerings across OLLI-UA including expanded field trips and watch for more dining out options to be announced.
- Fall runs 12 weeks from Sept. 12 to Dec. 9.
- Central Tucson Campus offerings run Tues. / Wed. / Fri.
- Online classes run Mon. – Fri.
- SE Tucson (Vail) Classes run Tue. / Thurs for 8 weeks starting Sept 27
- Green Valley Classes run Wed/ Thurs. for 8 weeks starting Sept 27

Registration

- Priority Request Registration (PRR) ends Sunday, Aug. 21 and runs Tuesday, Aug. 22.
- Registration confirmation emails will be sent after PRR runs on the 22nd.
- Open Registration – begins after PRR runs on Monday, Aug. 22. During open registration you can continue to add (and drop) classes first come, first serve throughout the term.

What is Priority Request Registration (PRR)?

PRR is a stress-free pre-registration process that allows you to prioritize and request the classes you most want to attend. At the end of PRR, our registration system officially enrolls members in classes, filling each seat based on the priority of the request. This is most helpful for classes with limited capacities like those that are in-person or purposely keep the class size small. It is important to give small capacity classes a higher priority if they are important to you. If a class fills a waiting list is started and ordered by the next priority assigned. More detail on this process can be found our registration planner materials on our homepage at www.olliarizona.edu

Memberships and Registration

What you can register for depends on the membership you purchase. If you are not a current member, OLLI-UA offers three membership options for this session:

The Annual All OLLI / Central Tucson Campus (CT) Membership costs $375 and allows you to register for all classes across OLLI-UA for the year to come.

The Annual Greater Tucson / Green Valley / Online (GTGV) Membership costs $200 and allows you to register for online classes and take classes at our SE Tucson (Vail) and Green Valley Campuses throughout the year. (Central Tucson classes are not included with this GTGV membership).

The Monsoon / Fall Greater Tucson / Green Valley / Online (GTGV) Semester Membership costs $150 and allows you to register for online classes and take classes at our SE Tucson (Vail) and Green Valley Campuses through 12/31/22. Note the annual GTGV membership is only $50 more for an entire year and is an amazing value.

Complete membership purchase details can be found at www.olliarizona.edu along with information on available financial assistance.

In-person COVID-19 Policy: Vaccine and Masking Requirements

OLLI-UA 501(c)(3) is taking steps to help ensure the health and well-being of our learning community, but please know members must decide for themselves if they are comfortable attending in-person activities and assume any personal risk involved. We also ask you to think of our collective membership and act in the best interest of all participants when deciding to attend in-person activities. OLLI-UA continues to provide robust online offerings for those who cannot meet the requirements for in-person activities. These requirements may change. Our website is the best place to stay informed of current practices. Monitor our policy at: https://olliarizona.edu/page/covid19
To protect our highly vulnerable learning community, the Board of Directors of OLLI-UA 501(c)(3) is requiring members be fully vaccinated per CDC guidelines to attend in-person activities at our campus locations. Masking is optional at our Central Tucson and SE Tucson (Vail) locations unless an instructor requests masking for their class. Green Valley continues to require masks. You may be required to present proof of vaccination and are strongly encouraged to follow the latest CDC recommendations for COVID-19 including booster shots.

Online Classes

Online classes are hosted using Zoom. There is no cost or account needed for members to use Zoom. Zoom is generally easy to use and works across many different devices and operating systems. Learn more on our Zoom resources page: https://olli.arizona.edu/page/zoom

Volunteerism

As a member-run, volunteer-led organization OLLI-UA is dependent on members stepping up to help in ways big and small. Please consider giving your time and expertise to OLLI-UA. It is also a great way to meet fellow members and develop lasting friendships! Watch for requests along the way to help.

Planning Tools

Keep in mind all offerings are subject to change. See our website’s Class Catalogs page for the latest information and additional class registration planners.

Clicking on the Class Titles in this catalog will take you to the OLLI-UA registration page for each class.

Need Help?

You can always email the office at ollimail@email.arizona.edu or call 520-626-9039, Mon – Fri, 9 AM to 4 PM.

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Fall In-person Classes at the Central Tucson Campus (CT)

The Central Tucson campus is located at 4485 N 1st Avenue, Tucson AZ, on the NW corner of 1st Avenue and Wetmore Road. The facility includes three large classrooms, a member lounge with coffee service for eating or just gathering, and ample parking.

SE Tucson (Vail) Campus (SET)

The SE Tucson (Vail) Campus is located located at the Del Webb Lodge at Rancho del Lago in Vail. 10264 S Blendu Way, Vail, AZ. It has spacious classroom space, and parking.

Green Valley Campus (GV)

The Green Valley Campus is located at the Community Learning Center at 1250 W. Continental Road, Green Valley, AZ, and has spacious classroom space in a former community college facility operated by Pima County with ample parking and a small lounge area.
Central Tucson Campus: In-Person

Tuesdays

Climate Science and Energy Technology

Subject Area: Science/Math/Technology
Tuesdays: 5 Sessions 9:00 AM - 10:30 AM   Start: Tue 9/13/22   End: Tue 10/11/22
Location: Ocotillo Room  Class Size: 55

Course Description
This course is about the scientific foundations of the understanding of the global climate, its past, present, and estimates for the future. We will explain and discuss the climactic changes in the last few hundred years and the key role of the increase in atmospheric greenhouse gas concentrations and consequences on the global climate, regional variations, and on human society over the next few decades and centuries. Energy technologies for the future, to reduce climactic effects, will be described and critically evaluated for global policy options.

Instructor: Lockwood Carlson
Lockwood received his Ph.D. in Theoretical Cosmology after graduate studies at Princeton University and the University of Wyoming. His research was on electromagnetic radiation in curved spacetimes. He was a Corporate Scientist at 3M Company and has taught courses in physics and technology at the University of Minnesota and OLLI programs there and at the University of Arizona.

Intermediate Spanish

Subject Area: Literature/Writing/Language
Tuesdays: 12 Sessions 9:00 AM - 10:30 AM   Start: Tue 9/13/22   End: Tue 12/6/22 - No Class Week of Thanksgiving
Location: Palo Verde Room  Class Size: 20

Course Description
This class is NOT a class for students who have never studied Spanish. The text that will be used is a text for university level "beginning" students. The text as its name indicates is about the 21 countries where Spanish is spoken. The chapters focus on history, cultural expressions (music, art, literature) and current events. Students will be asked to take part in expanding the topics suggested by the text. The text is "Mundo 21" 4th Edition (ISBN 13: 978-0-547-17131-9). This text is available from many on-line book dealers and should not cost the student more than $15.00 for a USED book. You will not need the CD originally included with the text.

This class will accommodate learners who want to sprint and those who prefer to walk: The walkers will have time to read the assigned articles at their own pace. The sprinters will have the opportunity to lead discussions to a consensus and, if they choose, to do oral presentations.

An Advanced Spanish class is also being offered this Fall. As a student you cannot participate in both classes. Please read the description of the Advanced Spanish class.

Instructor: Susan Sotelo
Susan Sotelo began her teaching career as a graduate student instructor (GAT) at the University of Arizona. After receiving a MA, she taught K-12 students. Then she returned to the University of Arizona and again taught in the basic language program. After receiving her PhD in Spanish Language Literature, she taught at Pima College. She also taught privately and tutored students. Then she took a job teaching for the Spanish Club in Sun City Vistoso in Oro Valley. This began her experience as a teacher of adult/senior students. She has taught Spanish at Olli Central Tucson since 2015.
Planning Theory and Decision Making

Subject Area: Civic Engagement/Community/Government

Tuesdays: 6 Sessions 9:00 AM - 10:30 AM    Start: Tue 9/13/22    End: Tue 10/18/22

Location: Saguaro Room    Class Size: 30

Course Description
This course is first for the general public, and for professionals involved in decision making, as well as planning students and practitioners, public administrators and political scientists. We will organize groups of students with different backgrounds and interests.

We will discuss the need for integration of experts for defining an issue and the multiple nature of objectives and criteria in policies, programs, plans and projects. We will discuss the need for alliances between public, private, professional and community sectors for implementing creative solutions. We will explain the need to combine implementation techniques in most cases. We will also discuss the importance of planning and collaboration to reinforce organizations. This class is learning by doing. We will present systems (normative and positive) and methods (normative and positive) in planning and design to be discussed. We will define context and systems under consideration.

Instructor: Carlos Graibzord
Carlos B. Graibzord was the former Secretary of the Environmental Protection Agency (Baja California, Mexico) and former director of the Municipal Planning Institute (IMPLAN) in Tijuana B.C., Mexico. Graibzord came to these positions with extensive land-use, growth-management, and environmental planning experience on both sides of the border. Graibzord has taught in universities both in the US and Mexico. He holds a bachelor’s degree in Architecture from the National University in Mexico and two master’s degrees from Harvard University, one in City Planning and one in Architecture. He also holds an A.B.D. in City and Regional Planning from the University of Pennsylvania.

News and Views

Subject Area: Social Sciences

Tuesdays: 12 Sessions 11:00 AM - 12:30 PM    Start: Tue 9/13/22    End: Tue 12/6/22 - No Class Week of Thanksgiving

Location: Palo Verde Room    Class Size: 30

Course Description
This is a student participation class. We will propose topics for the class to discuss. Topics can range from current news to your personal views on issues. There are opportunities to learn news and different social issues. We hope we can have some humor along with more serious topics.

Instructor: Terry Coleman
Terry has been a resident of Tucson for 35 years and an OLLI member. He is retired from the local school system having been a school counselor. He has served overseas as a Peace Corps volunteer in India and later as a Foreign Service officer in South Vietnam.

A Radical Turn to the Right: The Supreme Court 2021 Term

Subject Area: History/Current Events

Tuesdays: Single Session 11:00 AM - 12:30 PM

Start: Tue 9/13/22    End: Tue 9/13/22

Location: Ocotillo Room    Class Size: 55

Course Description
The 2021 Supreme Court Term was marked by the Court’s dramatic reversal of long-established precedent, the elevation of religious and gun rights, and a significant reordering of constitutional checks and balances. In this class we look not only at what the Court did but also at the new theories created to justify the results. Time permitting, we can speculate what all that means for the Court’s integrity.

Instructors: Judy Brown, Ronald Cohen
Judy Brown is Professor Emerita at Northeastern Law School in Boston, where she was a faculty member for
30 years. She taught and wrote about the United States Constitution and the Supreme Court. Northeastern recently honored her by naming her office after her. Since Judy retired, she has taught numerous classes in her field at Olli Chapters at Dartmouth and the University of Arizona.

20th Century Comedians

**Subject Area:** History/Current Events

**Tuesdays:** 6 Sessions 1:00 PM - 2:30 PM  
**Start:** Tue 9/13/22  
**End:** Tue 10/18/22

**Location:** Ocotillo Room  
**Class Size:** 50

**Course Description**

This class traces the historical growth and development of American comedians throughout the 20th Century from Charlie Chaplin and Fatty Arbuckle to Jerry Seinfeld and George Carlin. We will introduce over 90 comedians with a brief bio followed by a short video clip of each comedian's routine. Information will be widened on comedians with "unique" stories or backgrounds.

Instructors: Arnie Bianco, Susan Williams

Long time retired educator as a teacher, school principal and adjunct instructor at Chapman University, NAU, Brown Mackie College, and Brookline College. Arnie is an active OLLI member. He has been a teacher for a number of years and has done relationship workshops in more than 10 states. He is a published author who has always loved to teach. His wife is presently a teacher.

For the past three years, Susan has been a tech-host (several classes), a co-host and a student. She is also a member of the OLLI board.

Easy Movie-Making with Your Apple iPhone or iPad

**Subject Area:** Science/Math/Technology

**Tuesdays:** 6 Sessions 1:00 PM - 3:00 PM  
**Start:** Tue 9/13/22  
**End:** Tue 10/18/22

**Location:** Saguaro Room  
**Class Size:** 30

**Course Description**

Ever wondered what you could do with all those photos and video clips stored in your Photos library on your iPhone? Well, come learn to turn them into movies. iMovie on your iPhone or iPad is a powerful video-editing app that lets you turn your videos and photos into stunning 4K-resolution movies and Hollywood-style trailers that tell your story with style. You can upload your finished projects to social media or share them with friends who can watch them on any device.

iMovie comes pre-installed on iPhones and iPads. This surprisingly versatile application, exclusive to Apple devices, is easy-to-learn and use. In the latest update Apple included many new features previously only available on the desktop version of the app. The app is perfect for beginners who want to be able to make professional style movies, but don't care to spend big for professional-grade movie making software. In this 6-session class using only the touch interface (finger not mouse), participants will learn to fully utilize this app to make slick movies on-the-go and in no time. Participants will need iMovie on an iPhone 10 or later, or an iPad with the current iOS installed. The first 5 sessions cover the steps for capturing good raw material, all the essential editing tasks, and both basic and advanced tools to transform personal media into share-worthy custom movies. In the 6th session, participants get to show off their movie projects at the class's Film Festival.

Instructor: Ann Baxter

Ann Baxter retired in 2014 after a business career with a variety of companies, working in public relations, sales management, training, and consulting. In both her business career and in retirement, she has traveled extensively. To record her adventures, she has mastered the iPhone camera, iPad, Mac computer and the iMovie app to turn her still photos and video clips into creative movies that capture both the images and the spirit of her travels.
Two Compelling American Novels

Subject Area: Literature/Writing/Language

Tuesdays: 12 Sessions 1:00 PM - 2:30 PM   Start: Tue 9/13/22   End: Tue 12/6/22 - No Class Week of Thanksgiving

Location: Palo Verde Room  Class Size: 30

Course Description
Both The Echo Maker by Richard Powers and Their Eyes Were Watching God by Zora Neale Hurston call upon the reader to confront the fragility of human experience by presenting us with extraordinary events that impact the everyday lives of ordinary people. The Echo Maker is set in rural Nebraska while Hurston's book moves through central and southern Florida. Both books ask the reader to contemplate life in its most precious forms. Class members are expected to read carefully to prepare for class discussion.

I will be using the following editions, but other editions may suffice, also.

Instructor: Suzanne Peters
Sue Peters is an experienced study group leader.

Movies of the French Occupation

Subject Area: Arts/Culture

Tuesdays: 1 Single Session 3:00 PM - 5:00 PM   Start: Tue 9/13/22   End: Tue 11/29/22 - No Class Week of Thanksgiving

Location: Ocotillo Room  Class Size: 55

Course Description
In the spring of 1940, Germany defeated the French and British armies, signed an armistice with France, and occupied the country. The Occupation, as it came to be called, lasted until Liberation in 1944/45. Last fall, Jesse Frey ran a fascinating class for us on that period in French and world history. At least five superb films have been made about the Occupation, several of which were mentioned in Jesse's class. In this study group we will screen and discuss the five films. The course serves two different interests - those who are interested in great films, and those who are interested in the history of the period.

The five films, in order of their production are: Casablanca (1943), Army of Shadows (1969), The Sorrow and the Pity (1971), Lacombe, Lucien (1973), Au Revoir, les Enfants (1987). Casablanca is Hollywood at its best. The other films are in French with English subtitles.

Instructor: Bill Sohn
Bill Sohn is a retired pension actuary who is interested in economics, finance, literature, hiking, cycling, family and amiable conversation.

TEP Home Energizer Workshop

Subject Area: DIY/Self-Help

Tuesdays: Single Session 11:00 AM - 12:30 PM   Start: Tue 9/27/22   End: Tue 9/27/22

Location: Ocotillo Room  Class Size: 45

Course Description
Want to learn how to save energy, and money, at home? Want to receive a kit filled with energy efficiency devices for FREE? Attend the Home Energizer Workshop! Learn free and low-cost energy efficiency measures you can implement at home to save energy and money! All workshop participants will receive a free Energy Efficiency Kit worth more than $40 that includes LED light bulbs, a low-flow showerhead, faucet aerators, and more. The workshop is offered for free, courtesy of TEP.

Instructors: Adam Kingery, Jonathan Heras
Adam Kingery was a classroom teacher in Arizona for 13 years before joining the Exchange as an outreach presenter in 2016. For many of those years, Adam's students benefited from the programs offered by the Exchange. Adam holds a master's degree in Educational Leadership and has an undergraduate degree in Political Science from the University of Arizona, as well as a teaching certificate from Prescott College. He manages
the logistics and team of energy presenters for the Bright Students middle school program and the Home Energizer Workshop for both Tucson Electric Power and Unisource Energy Services. Adam also assists with curriculum revisions and new program development.

Jonathan Heras has been presenting energy-related education courses for the Environmental Education Exchange for over 3 years, to elementary, middle, and high school-aged students, as well as to adults throughout Arizona! He also acts and helps develop programming at Borderlands Theater and the Gaslight Theater in Tucson.

The Years With Laura Diaz: A Book by Carlos Fuentes

Subject Area: Arts/Culture, Literature/Writing/Language

Tuesdays: 10 Sessions 11:00 AM - 12:30 PM
Start: Tue 9/27/22 End: Tue 12/6/22 – No Class Week of Thanksgiving
Location: Saguaro Room Class Size: 55

Course Description
This book is about the story of 20th century Mexico through the fictional biography of Laura Diaz. The narration is done by Laura's great-grandson, a photographer and documentary filmmaker. He chronicles her life through Laura's desire to stay above the political currents surging through Mexican society of the 20th century. The novel begins in Detroit where Diego Rivera had his murals in the Detroit Institute of Art and rotates through other cities where other notable muralists had their works. The book is available through Amazon in paperback, hardbound, and Kindle. ISBN 978037429343.

Instructor: Chuck Peters
Chuck is an experienced study group leader.

Linda Ronstadt Uncovered: The Early Years

Subject Area: Arts/Culture

Tuesdays: Single Session 11:00 AM - 12:30 PM
Start: Tue 10/4/22 End: Tue 10/4/22
Location: Ocotillo Room Class Size: 50

Course Description
Linda Ronstadt is the best female vocalist of her era. Her songs are creative interpretations of the music of great recording artists from the past and of her contemporaries. We will enjoy both the original versions that inspired Linda and her beautiful and masterful productions. Bonus! We'll have live performances by enthusiastic local musicians, accompanied by Nemo. Don't miss it! This is the first in an extended series of single sessions featuring Tucson native and world class musician, Linda Ronstadt.

Instructor: John "Nemo" Nemerovski
John Nemo is a lifelong musician and educator who immerses himself in folk, early rock, blues, jazz, and classical music. He plays guitar and provides a fascinating playlist for his music appreciation courses.

Latin Jazz: What Is It?

Subject Area: Arts/Culture

Tuesdays: Single Session 9:00 AM - 10:30 AM
Start: Tue 10/18/22 End: Tue 10/18/22
Location: Ocotillo Room Class Size: 30

Course Description
Join me as we travel back to the origins of this lively subgenre of Jazz. We will learn about its pioneers, most influential performers, and those who continue to entertain us to this day.

Instructor: Jorge Tapia
Jorge is a retired TUSD teacher, retired Master Sergeant-US Army, and spent 16 years as an adjunct faculty member of the NAU-Tucson campus. His interests are
hiking, listening to all genres of music, and traveling. He has been a member of OLLI since 2013.

**Triumph of the Community:**
**Rezoning West Chelsea and Hudson Yards**

**Subject Area:** Civic Engagement/Community/Government

**Tuesdays:** 2 Sessions 11:00 AM - 12:30 PM  **Start:** Tue 10/18/22  **End:** Tue 10/25/22

**Location:** Ocotillo Room  **Class Size:** 55

**Course Description**
Years of work culminated in 2005 with the rezonings of Manhattan's West Chelsea and Hudson Yards, then the most extensive rezonings in New York City history. The two rezonings provided for thousands of new residential dwelling units and as much commercial space as was found in Seattle or Minneapolis. They also, for the first time, mandated the creation or preservation of affordable housing units alongside new market rate housing. In addition, the West Chelsea rezoning enabled the preservation of an abandoned elevated rail line that had been slated for demolition while the Hudson Yards rezoning precluded the siting of a football stadium on prime property overlooking the Hudson River. These outcomes were highly desired by the community but were opposed by a combination of government and commercial interests. Throughout the rezoning process Manhattan Community Board 4 (MCB4) served as the community's voice and representative in negotiations with New York City, New York State, and private developers. We will explore how New York City land use works and how MCB4, composed of "ordinary citizens," was able to "fight city hall" to achieve the community's goals. MCB4 and the community did not win everything they sought, but their work resulted in a far more livable community. Their accomplishments truly were the triumph of the community.

**Instructor:** Lee Compton

Lee Compton served as a member of MCB4 for sixteen years. During this period, he was chair of the board's Chelsea Land Use committee and a member of the Clinton/Hell's Kitchen committee except for the two years he served as MCB4 chair. He led the board's work on the West Chelsea rezoning, including the development of the mechanism that saved the rail line from demolition. Today, the High Line, as it is called, has become one of the city's most popular attractions, both with residents and tourists.

**Digital Technology Social Impacts**

**Subject Area:** Science/Math/Technology, Social Sciences

**Tuesdays:** 4 Sessions 9:00 AM - 10:30 AM  **Start:** Tue 10/25/22  **End:** Tue 11/15/22

**Location:** Ocotillo Room  **Class Size:** 45

**Course Description**
The rapid adoption of digital technology is having many impacts on our lives. These range from privacy, employment, education, entertainment, and health to autonomous weapons and authoritarian government. We will focus on two major issues. The technology enables the population monitoring and control tools of authoritarian governments and is a growing phenomenon. There is much public concern and regulatory activity. The second issue is the current controversial buzz in the industry - The Metaverse. It supports attractive virtual platforms for information presentation, management, and innovative function. But it presents major challenges for evolving current systems. We will review some of the better analysis of this major transition.

**Instructor:** Glenn Bacon

Glenn Bacon's formal education is in electrical engineering and computer science. He has followed artificial intelligence technology since the '50s and has led several OLLI study groups on its recent progress.
InnovateAthon: Creativity, Innovation, and Entrepreneurship

Subject Area: Science/Math/Technology
Tuesdays: 4 Sessions 9:00 AM - 10:30 AM  Start: Tue 10/25/22  End: Tue 11/15/22
Location: Saguaro Room  Class Size: 20

Course Description
An overview of the innovation process: creating something new and better, then putting it to work. Innovation has a revolutionary reputation but an evolutionary reality. Most innovations are incremental improvements of existing products, services, processes, and methods. In this class, we'll select a problem, then set out to create an innovative solution and an implementation plan. Participants in this class will receive a copy of the Innovation Impact Roadmap, an overview of the elements that should be addressed in the innovation commercialization process.

Instructor: Jim Jindrick

Big Moments in the Story of Physics

Subject Area: Science/Math/Technology
Tuesdays: 4 Sessions 1:00 PM - 2:30 PM  Start: Tue 10/25/22  End: Tue 11/15/22
Location: Saguaro Room  Class Size: 55

Course Description
Come. Enjoy. A conceptual overview. Arithmetic Required. Learn how great steps forward by giants such as Newton, Einstein, Maxwell, Bohr, Heisenberg, Schrodinger, Feynman, and many others fit together to create our evolving history of understanding physics. The Story will be told in 3 chronological parts with side-stories about physics and physicists along the way. 1900 AD was pivotal --- Exciting and perplexing transition from classical, "natural?", semi-intuitive physics to modern, non-intuitive experiment-driven physics.

(Part 1) 340 BC - 1900. "Physics in the World Around Us" --- what we are familiar with --- our sizes (sand to solar), our temperatures, our speeds, etc. How our understanding of physics began.

(Part 2) 1900 - 2022. "The Frontier of Smallness" --- "The Quantum Mechanics Revolution", leading today to the Standard Model of Particle Physics (where quarks, leptons, gluons, the Higgs boson, etc. all link together in a marvelous unity).

(Part 3) 1905-2022. "The Frontier of Largeness" --- "The Relativity Revolution", leading to our current understanding of the 13.8 billion year evolution from the Big Bang to our universe today. Inconsistencies in this current modern view of physics --- lanterns toward future progress --- will also be discussed.

Instructor: Charles Buchanan
Charles Buchanan has a BS from Reed College and a Ph.D. in experimental high energy particle physics from Stanford University. He was Professor of Physics at UCLA for 41 years, working at SLAC (Stanford), FermiLab (Illinois), CERN (Switzerland) and on a rare collaborative project between the USSR and UCLA in 1971. His specialty is the physics of electron-positron collisions. His continuing interest is in communicating frontier
modern physics in layman's terms. He also has interests in local Tucson and educational activities.

India: The World's Ancient Fount of Eastern Wisdom

Subject Area: Arts/Culture, History/Current Events, Philosophy/Spirituality/Religion, Social Sciences, Travel/Entertainment

Tuesdays: 4 Sessions 1:00 PM - 2:30 PM  Start: Tue 10/25/22  End: Tue 11/15/22
Location: Ocotillo Room  Class Size: 50

Course Description
India's ancient Hindu religion is also its culture, and vice versa. They are interdependent...as is everything in the Universe according to a fundamental Hindu teaching. I cannot be your teacher without you being the student and vice versa. I heartily invite your participation in that "dance".

This comprehensive 5-part learning adventure - geology, geography, history, culture, society, demographics, religions, economy, politics - primarily utilizes videos captured during my travels in India. Augmented by narrations reflecting a 50+ year history of my fascination and study of Eastern Philosophy while concurrently performing a daily meditation practice. India's often wild, chaotic, colorful, and visceral street scenes or religious festivals recorded by my video camera may naturally create the sense that vicariously you the viewer (or dreamer) are actually present. Typically, this is an exciting and positive experience. It is my intention that the inherent penetration and scope of this program will likewise inspire and fascinate you to discover what India's 5,000+ year history of knowledge and wisdom invites you to experience as a student. Also, there will be opportunities woven into the course for you to voluntarily share, clarify, and enrich your experience as the course proceeds.

Organization: the first 3 parts (Northern India) will be presented in the Fall Semester. The remaining 2 parts (Southern India) will be presented in the Spring Semester. I strongly encourage you to commit to both parts as part 2 is independent and additive. Thank you.

Namaste.

Instructor: Gordon McCall
BA, MA, 30 years professional educator in psychology & world history, world traveler (100+ countries), videographer, producer of professional quality educational travel videos, presenter of these videos to many audiences.

Cats and Wildlife

Subject Area: Civic Engagement/Community/Government

Tuesdays: Single Session 3:00 PM - 4:30 PM  Start: Tue 10/25/22  End: Tue 10/25/22
Location: Saguaro Room  Class Size: 55

Course Description
There is no doubt that the outdoor cat population is a serious concern for wildlife, so what can we do about it? This program will cover the active steps Southern Arizona is taking to reduce the overpopulation of free-roaming outdoor cats, and how the community can get involved in making a difference in the lives of cats and urban wildlife through Trap Neuter Return. The program will address the history of free roaming cats, common concerns regarding free-roaming cats, how to best help these cats and the community, what to do when you find kittens outside, and solutions for deterring cats from private properties and gardens.

Instructor: Angeline Fahey

Angeline Fahey is the Humane Society of Southern Arizona’s Community Cat Program Manager, providing education and trapping assistance for Trap Neuter Return of free-roaming cats. Prior to this position, Angeline worked for a wildlife hospital writing newsletters, rehabbing baby birds and rodents, and developing an education program on urban wildlife rehabilitation and coexistence that was presented over 100 times throughout Southern Arizona. Before animal welfare, Angeline dedicated her time to the hospital bedside providing art-therapy to children coping with serious illness. Angeline has earned multiple citizen
achievement awards recognizing her efforts and compassion to help people and animals.

**Ken Burns: America's Storyteller**

**Subject Area:** History/Current Events

**Tuesdays:** 3 Sessions 11:00 AM - 12:30 PM  
**Start:** Tue 11/1/22  
**End:** Tue 11/15/22

**Location:** Ocotillo Room  
**Class Size:** 50

**Course Description**

Burns is a filmmaker who is best known for documentaries such as 'Brooklyn Bridge' (1981), 'Baseball' (1994), and 'Prohibition' (2011). His unique signature style is noted for films using archival material, vintage photographs, and periodicals. Our sessions will include relevant information in regard to the documentary:


He has won several 'Emmy Awards' for his work and has released more than 20 documentaries, including 'The Civil War' (1990), 'Thomas Jefferson' (1997), 'Jazz' (2010), 'Mark Twain' (2011), 'The National Parks: America's Best Idea ' (2009), 'Jackie Robinson' (2016), and 'The Vietnam War' (2017).

**Instructors:** Arnie Bianco, Susan Williams

Long time retired educator as a teacher, school principal and adjunct instructor at Chapman University, NAU, Brown Mackie College, and Brookline College. Arnie is an active OLLI member. He has been a teacher for a number of years and has done relationship workshops in more than 10 states. He is a published author who has always loved to teach. His wife is presently a teacher.

Susan has been an OLLI member for the last 3-4 years. During that time, she has been a tech-host (several classes), co-host, a member of the board, and a student.

**Women's Suffrage: An Unfinished Story of Struggle and Hope**

**Subject Area:** Civic Engagement/Community/Government, History/Current Events, Social Sciences

**Tuesdays:** 4 Sessions 3:00 PM - 4:30 PM  
**Start:** Tue 11/8/22  
**End:** Tue 12/6/22 - No Class Week of Thanksgiving

**Location:** Saguaro Room  
**Class Size:** 30

**Course Description**

Valerie Miller, a long-time adviser to women's movements in Africa, Asia, Latin America and the U.S., will bring fresh insights to the American women's suffrage struggle from its early days up to 1920. Through vivid power points and videos, she will trace its history - its revolutionary, anti-slavery, international, and Quaker roots -- and the compelling story of the courageous women and their male allies who gave life to the struggle. Weaving the personal with the political, she will highlight how women came together during this period, how they disagreed and divided, and how they came together again looking for common ground and ever more effective strategies. It's a story of struggle and hope that interlaces crucial threads of race, class, and gender - a story that inspires, infuriates, and continues to raise questions today. Highly engaging and participatory, each session will involve and depend on the reflections and insights of class members. Together we will examine how examples from the past might be applicable to current struggles for women's rights in the U.S. Similarly, we will explore experiences from women around the world and consider lessons from their struggles that might also inspire us today.

**Instructor:** Valerie Miller

For over forty years, Dr. Valerie Miller has advised women's rights groups around the world - from UNICEF, Oxfam, UUSC, and AWID to countless national women's movements. In 2002, she co-founded Just Associates -- an ever-growing international collaborative of feminist scholars, organizers and activists who work to support women's leadership and movement-building in Africa,
Asia and Latin America. She has taught many seminars and courses on human rights and women's rights including Osher at Dartmouth and OLLI in AZ and has written extensively about politics, power and organizing as well as literacy, women's leadership training and approaches to movement-building.

**Singalong 1960s and 1970s Folk Rock Gems**

**Subject Area:** Arts/Culture

**Tuesdays:** Single Session 11:00 AM - 12:30 PM

**Start:** Tue 11/29/22 **End:** Tue 11/29/22

**Location:** Ocotillo Room **Class Size:** 50

**Course Description**

Hey Mr. Tambourine Man, sing a song for me. Judy Collins, Joni Mitchell, Beatles, Mamas and Papas, Motown, Simon and Garfunkel, Johnny Cash, Bob Dylan, and plenty more. Nemo and friends will lead our singalong with melodies and lyrics to bring great tunes from our past into the present.

**Instructor:** John "Nemo" Nemerovski

John Nemo is a lifelong musician and educator who immerses himself in folk, early rock, blues, jazz, and classical music. He plays guitar and provides a fascinating playlist for his music appreciation courses.

**Wednesdays**

**Mental Illness and Mass Shootings: Is There a Cause and Effect?**

**Subject Area:** Health/Wellness

**Wednesdays:** 2 Sessions 9:00 AM - 10:30 AM

**Start:** Wed 9/14/22 **End:** Wed 9/21/22

**Location:** Ocotillo Room **Class Size:** 20

**Course Description**

Mass shootings and mental illness have been linked by the media, policy makers, politicians, and the public at large. Data on mass shootings and perpetrators will be reviewed and discussed. In addition to mental illness other issues possibly associated with mass shootings will be reviewed and discussed.

**Instructor:** Jose Santiago

Dr. Jose Santiago is a consultant to large healthcare systems in the US. Previously he was the Senior Vice President at Ascension Health, the largest not-for-profit healthcare organization in the US. He was also Chief Medical Officer of Carondelet Health. Dr. Santiago is a graduate of Boston University School of Medicine. For many years, he was President and CEO of a large physician's multi-specialty medical group practice in Tucson and on the faculty of the University of Arizona College of Medicine as a full tenured Professor.

**Film Discussion Class**

**Subject Area:** Arts/Culture

**Wednesdays:** 12 Sessions 11:00 AM - 12:30 PM

**Start:** Wed 9/14/22 **End:** Wed 12/7/22 - No Class Week of Thanksgiving

**Location:** Ocotillo Room **Class Size:** 55

**Course Description**

We will meet weekly to discuss a film that has been watched by the class. The film selection will be assigned to or voted upon by class members. A class member will lead the discussion for the movie. This class has been ongoing for several years and generates lively and controversial discussions as members dissect and compare films, frequently calling upon their own personal and professional experiences. Please consider volunteering to lead the discussion. A guide to how to lead the discussion will be given out prior to the first session. Movies will be from Netflix and Amazon, and occasionally from The Loft, all at additional cost.

**Instructor:** Rob Getlan

Rob Getlan has always been an avid film enthusiast. This class has been a great way to see and discuss the new releases from Netflix, Amazon, and the Loft (streaming).
Principles by Ray Dalio

Subject Area: Science/Math/Technology

Wednesdays: 6 Sessions 11:00 AM - 12:30 PM
Start: Wed 9/14/22 End: Wed 10/19/22
Location: Saguaro Room Class Size: 30

Course Description
We will discuss the #1 New York Times best-selling book, Principles, written by Ray Dalio. In 1975, Dalio founded an investment firm, Bridgewater Associates. Forty years later, serving institutional clients including pension funds, endowments, foundations, foreign governments, and central banks, Bridgewater had made more money for its clients than any other hedge fund in history and grown into the fifth most important private company in the United States, according to Fortune magazine. In 2012, Dalio was named to Time magazine’s list of the 100 most influential people in the world. Along the way, Dalio discovered a set of principles that have led to Bridgewater's exceptionally effective culture, which Dalio describes as "an ideal meritocracy that strives to achieve meaningful work and meaningful relationships through radical transparency." Having pursued careers successively in financial planning management and computer database development before retiring from active work in 2010, the ideas in this book made me want to turn back the clock, un-retire, and rejoin the fray. Because there is so much to think about in the book's 541 pages, I've decided to present it in two separate six-week courses. "Where I'm coming from" and "life principles" will be covered in the first course. "Work principles" in the second course.

Instructor: Jamie McMillin
Jamie has a BA degree in Political Science and Sociology, an MS in Financial Services, and an AS in Microcomputer Technology Management. He likes sports and politics, and follows a spiritual path guided by A Course In Miracles.

Introduction to the New Testament

Subject Area: Philosophy/Spirituality/Religion

Wednesdays: 12 Sessions 1:00 PM - 2:30 PM
Start: Wed 9/14/22 End: Wed 12/7/22 - No Class Week of Thanksgiving
Location: Saguaro Room Class Size: 50

Course Description
A survey of the literature of the New Testament focusing on the nature and teachings of the Gospels, Paul's letters, as well as their historical and cultural background. The emphasis will be on both the content and the context of these writings. We shall be following the text "The New Testament: A Student's Introduction" by Stephen Harris.

Instructor: Jerry Gill
Long time college professor, Ph.D. Duke University, teaching a wide spectrum of Humanities courses, mostly in philosophy and religious studies, most recently at Pima Community College. Widely traveled and have led numerous semester abroad programs in Greece, Finland, and Mexico. 30 books and over 100 scholarly articles published. Semi-retired.

The Films of Francois Truffaut

Subject Area: Arts/Culture

Wednesdays: 6 Sessions 1:00 PM - 2:30 PM Start: Wed 9/14/22 End: Wed 10/19/22
Location: Ocotillo Room Class Size: 55 Additional Costs: $1 fee for popcorn and to cover the movie rental fees

Course Description
Francois Truffaut (6 February 1932 - 21 October 1984) was an influential film critic and filmmaker and one of the founders of the French New Wave. In a film career lasting over a quarter of a century, he remains an icon of the French film industry. He was also a screenwriter, producer, and actor working on over twenty-five films. Along with Jean-Luc Godard, Truffaut was one of the most influential figures of the French New Wave,
inspiring directors such as Steven Spielberg, Quentin Tarantino, Brian De Palma, Martin Scorsese, and Wes Anderson.

Over the six weeks we will see his best movies; Small Change, The Soft Skin, Shoot the Pianist, Day for Night, The 400 Blows and Jules & Jim. There is a $1 charge (for the class/NOT per class) to cover the cost of the movie rental and popcorn.

Instructor: Rob Getlan

Rob Getlan has always been an avid film enthusiast. This class has been a great way to see and discuss the new releases from Netflix, Amazon, and The Loft (streaming).

**Adventures in Spanish Conversation: Intermediate Level**

**Subject Area:** Literature/ Writing/ Language

**Wednesdays:** 6 Sessions 3:00 PM - 4:30 PM  
**Start:** Wed 9/14/22  
**End:** Wed 10/19/22  
**Location:** Palo Verde Room  
**Class Size:** 20

**Course Description**

This class is to offer more opportunities to practice speaking Spanish at an intermediate level. Students should be familiar with the present and past tenses. Grammar will be addressed minimally in spot situations. We will revisit some earlier themes and play some conversational games to create opportunities for spontaneous conversation.

Instructor: Terry Enfield

Terry Enfield is a recently retired high school Spanish teacher. She earned a BA from Austin College, an MA from SMU, and continued studies in Spanish at ASU. She lived in Spain during some of her Wonder Years, which gave her a lifelong enjoyment of other cultures and travel. She presently travels to Mexico and parts south whenever time and money allow.

**Simple Trigonometry**

**Subject Area:** Science/Math/Technology

**Wednesdays:** 4 Sessions 3:00 PM - 4:30 PM  
**Start:** Wed 9/14/22  
**End:** Wed 10/5/22  
**Location:** Ocotillo Room  
**Class Size:** 30

**Course Description**

This is a very simple introduction to trigonometry. First, let us look at the many varied uses of trig. First, possibly the largest use is Global Positioning System (GPS) that keeps track of where we are whether we are driving a vehicle, flying an aircraft, running a cruise ship, or a space satellite. These systems actually calculate several thousand trigonometry behind our backs every second. Trigonometry is used in building and highway design as well as hundreds of uses in astronomy. The path of the sun across the sky is a trig function. What is trigonometry? Trigonometry is the study of triangles, more specifically the relationship between the angles and the length of the side. We will restrict this study to right triangles. A simple basic fact of triangles is that the sum of the three angles is always 180 (decimal). Another simple basic fact for a right triangle is Pythagorean theorem: The square of the hypotenuse is equal to the sum of the squares of the two sides. Now if we look at a scientific calculator, we see sin and cos keys. These keys give the sine and cosine of the appropriate angle of a right triangle. The values are simply the ratio between the side of the triangle and the hypotenuse. We will not talk about how the calculator computes the sine and cosine. I am simply going to talk about how to use the calculator to solve triangles.

Instructor: Vaughan Thompson

Vaughan Thompson holds a BA in Mathematics from San Diego State University. He was a software engineer for 20 years and is currently retired. Vaughan has been a math tutor for two years at Pima Community College. He is a driving instructor licensed in the state of California and has taught 30 AARP Driver Safety classes and more than 100 teenagers behind the wheel.
Survey of World Religions
Subject Area: Philosophy/Spirituality/Religion
Wednesdays: 12 Sessions 3:00 PM - 4:30 PM
Start: Wed 9/14/22  End: Wed 12/7/22 - No Class
Week of Thanksgiving
Location: Saguaro Room  Class Size: 50

Course Description
A survey of the world's major religions from Hinduism, Buddhism and Taoism Judaism through Islam and Christianity, along with a brief consideration of Primal Religions. I shall be relying on Huston Smith's well-known text "The World's Religions".

Instructor: Jerry Gill
Long time college professor, Ph.D. Duke University, teaching a wide spectrum of Humanities courses, mostly in philosophy and religious studies, most recently at Pima Community College. Widely traveled and have led numerous semester abroad programs in Greece, Finland, and Mexico. 30 books and over 100 scholarly articles published. Semi-retired.

A Pilgrim's Seven-Day Walk on the Portuguese Camino de Santiago

Subject Area: Travel/Entertainment
Wednesdays: Single Session 9:00 AM - 10:30 AM
Location: Ocotillo Room  Class Size: 30

Course Description
Have you ever considered walking El Camino de Santiago (St. James' Way) or a section there? If you are curious about El Camino and want to hear about a pilgrim's trip, this single session is for you. I will share my experiences, and suggestions, to help make yours a successful walk. In this session I will cover: Pre-Camino preparations; Required and recommended gear; Aspects of the Camino walk; Procuring the Compostela, the certificate of completion.

My companions and I traveled the Portuguese Camino, the second most traveled of the eight "officially recognized" ways. Starting in the picturesque and historic coastal municipality of Baiona, we arrived at Santiago de Compostela 129 kilometers, or 80 miles, later. Through photos and videos, I will offer tips on staying on course, share some anecdotes about fellow pilgrims we met along the way and at our destination, and recommend things to do in Santiago after completing the walk.

Instructor: Jorge Tapia
Jorge Tapia is a retired TUSD teacher, retired Master Sergeant-US Army, and spent 16 years as an adjunct faculty member of the NAU-Tucson campus. His interests are hiking, listening to all genres of music, and traveling. He has been a member of OLLI since 2013.

A Guide to Informed Consumption of Healthcare Resources

Subject Area: Health/Wellness
Wednesdays: 3 Sessions 9:00 AM - 10:30 AM
Start: Wed 10/5/22  End: Wed 10/19/22
Location: Ocotillo Room  Class Size: 20

Course Description
Choosing a healthcare provider, whether a professional, and outpatient clinic, a hospital, or a healthcare system can be a daunting task if one wants to go beyond the word-of-mouth, reputation, or convenient location approach. Access to available data on performance will be presented and a methodology for data interpretation will be offered. The objective is to make healthcare consumers, patients, and families more knowledgeable on the use of the available resources.

Instructor: Jose Santiago
Dr. Jose Santiago is a consultant to large healthcare systems in the US. Previously he was the Senior Vice President at Ascension Health, the largest not-for-profit healthcare organization in the US. He was also Chief Medical Officer of Carondelet Health. Dr. Santiago is a graduate of Boston University School of Medicine. For many years, he was President and CEO of a large physician's multi-specialty medical group practice in
Let's Talk About Death and Dying

**Subject Area:** DIY/Self-Help, Health/Wellness

**Wednesdays:** 3 Sessions 9:00 AM - 10:30 AM

**Start:** Wed 10/5/22  **End:** Wed 10/19/22

**Location:** Saguaro Room  **Class Size:** 45

**Course Description**
This is an opportunity to share end of life interests and concerns with like-minded people in a safe and confidential environment. Some topics you may want to discuss: How best can I prepare my family for my death? Describe a "good death" you've been part of. What would your "good death" look like? What are some of the hardest things about aging for you and why? Will a long illness cause a financial burden on your family/others? What are your regrets as you face the end of life? How do my religious or spiritual beliefs influence my end-of-life decisions? Which logistics of the dying process most unsettle you? Did my family talk about death? What do you most enjoy about being alive? What am I proud of as I review my life and why? Considering various means of a final exit, which is best for me and why? Who is your medical POA to make decisions when you can't? Does she/he know your end of life and medical wishes? What can I do now to ensure I have the death I want? Do I have an updated living will? If not, what happens if I do not? Who do I want around me as I die? Under what circumstances might I want to hasten my death? How do I hope to be remembered? What will be my legacy?

**Instructor:** John Abraham

John Abraham, Episcopal Priest and Certified Fellow in Thanatology, has 40+ years working in death education as counselor, therapist, and patient-care advocate. He helped to establish the second hospice in the U.S.A. and has served hospices as everything from bedpan changer to president.

He is the author of How to Get the Death You Want: A Practical And Moral Guide (2017) and of many related articles and approaches these topics with a holistic perspective, taking into account the physical, psychological, and spiritual dimensions.

John is considered to be an expert in dealing with all kinds of death/dying-related questions.

Birding the Spring Migration in NW Ohio, May 2022

**Subject Area:** Arts/Culture, Science/Math/Technology, Travel/Entertainment

**Wednesdays:** Single Session 9:00 AM - 10:30 AM

**Start:** Wed 10/26/22  **End:** Wed 10/26/22

**Location:** Ocotillo Room  **Class Size:** 55

**Course Description**
This 90-minute presentation will take you to northwest Ohio in May of 2022, for "the Biggest Week in American Birding." Every May thousands of warblers migrate north from the Caribbean and from Central and South America, flying at night navigating by the stars toward Canada. Their flight path takes them over NW Ohio and Lake Erie. Each morning as the sun rises, they look for a place to land for food and rest. The flat farmland of NW Ohio provides little comfort until they spot the restored marshes on Lake Erie, and touch down for the day. Walk along the famous Magee Marsh Boardwalk on the shores of Lake Erie to see Magnolia, Chestnut sided, Blackburnian, Bay-breasted and Prothonotary Warblers, as well as the American Restart, all in breeding plumage. Visit Maumee Bay, Ottawa national Wildlife Refuge, and unique wildland restoration projects including Oak Openings, Pearson Metropark and Metzger Marsh. See a pair of stunning Pileated Woodpeckers at sunset, as well as Downy, Hairy, Red-bellied and Red-headed Woodpeckers. See Eastern Screech Owls, as well as a Barred Owl fledgling stretching his wings for the first time. Visit the bird banding station at the Cleveland Museum of Natural History Jones Preserve which is on Kelley's Island in Lake Erie. Visit Winous Point Marsh and learn the vital role hunting clubs have played in preserving the marsh environment along Lake Erie and providing habitat for migrating and resident birds. This presentation is 95% photographs of birds with narrative.

**Instructor:** Henry Johnson
Henry Johnson M.D. is a retired Internist who is an avid "Birder" and Photographer who has given wonderful presentations to OLLI members in the past. You can find his blog at: mtlemmonazimages.com.

**Poppycock! The Myth of a Border Crisis!**

**Subject Area:** History/Current Events

**Wednesdays:** 4 Sessions 11:00 AM - 12:30 PM  
**Start:** Wed 10/26/22  
**End:** Wed 11/16/22  
**Location:** Saguaro Room  
**Class Size:** 55

**Course Description**
The "crisis" at the southern border is an artifact of the choices our government makes. Solutions are multiple and diverse, and readily apparent and available. This course will explore several models of solutions to the border "crisis", including those from the Afghan and Ukrainian "crises", as well as others being implemented across America.

Instructor: Peter Hirschman  
Peter has been involved with refugee resettlement and asylum seekers for more than 10 years. He has led study groups on border issues many times. He has worked on asylum for both detained and non detained applicants, and on immigration appeals. Most recently he headed a group of volunteers who completed asylum applications for Afghan families paroled into the US after evacuation from Afghanistan, and is also assisting Ukrainian families, while working at the local HIAS resettlement agency, JFCS Tucson.

**Octal and Octometric**

**Subject Area:** Arts/Culture, Philosophy/Spirituality/Religion, Science/Math/Technology

**Wednesdays:** 5 Sessions 1:00 PM - 2:30 PM  
**Start:** Wed 10/26/22  
**End:** Wed 11/30/22  
**Location:** Ocotillo Room  
**Class Size:** 45  
**No Class Week of Thanksgiving

**CourseDescription**
The primary purpose of this class is to introduce the octal arithmetic system (Octo-arithmetic) and give the reasons for completely replacing decimal arithmetic with octal arithmetic. Decimal arithmetic is strictly utilitarian, but octal arithmetic is not only utilitarian but is exquisitely beautiful and much simpler than decimal arithmetic. Every decimal arithmetic function has a parallel octal arithmetic function; for example, octal subtraction is fully parallel to decimal subtraction and at the same time is the inverse of octal addition. In comparison, octal arithmetic can be learned in two-fifths of the time that it takes to learn decimal arithmetic. Economically, decimal arithmetic costs the American economy annually an extra $15 billion comparison to octal arithmetic. By changing to octal arithmetic, there is probably an extra 10-billion-dollar savings in measurements of various tools. By changing to octal arithmetic, the fractions of an inch are automatically metric (Octometric). 3/8 inch, 0.3 (Octometric) and 5/64 inch, 0.05 (Octometric). Octal fractions, yes. It needs to be noted that the actual sizes are fully maintained (no retooling except for the labeling) and that only actual numbers are changed to octometric. In a single Lowe's store there are at least 50,000 items that would be greatly simplified in their descriptions. But let us take a look at a perfect orthogonal cube (that is, each face is a perfect square, and the edges are at right angles.). Now, cut the cube into 2 equal halves perpendicular in each dimension. Square roots and trigonometry, significantly simplified.

Instructor: Vaughan Thompson  
Vaughan Thompson holds a BA in Mathematics from San Diego State University. He was a software engineer for 20 years and is currently retired. Vaughan has been a math tutor for two years at Pima Community College. He is a driving instructor licensed in the state of California and has taught 30 AARP Driver Safety classes and more than 100 teenagers behind the wheel.
**10 Warning Signs of Alzheimer's Disease**

**Subject Area:** Health/Wellness

**Wednesdays:** 2 Sessions 3:00 PM - 4:30 PM  
**Start:** Wed 10/26/22  
**End:** Wed 11/2/22  
**Location:** Ocotillo Room  
**Class Size:** 55

**Course Description**

Learn the facts and warning signs of Alzheimer's disease and the need for early detection, information about drug therapy, enrolling in clinical studies, and planning for the future.

Instructor: Nallelhy Ballesteros

Nallelhy Ballesteros serves as Support Programs Manager for the Alzheimer's Association Desert Southwest Chapter.

**Ask Me Anything About Death and Dying**

**Subject Area:** Health/Wellness, Philosophy/Spirituality/Religion

**Wednesdays:** 3 Sessions 9:00 AM - 10:30 AM  
**Start:** Wed 11/2/22  
**End:** Wed 11/16/22  
**Location:** Ocotillo Room  
**Class Size:** 45

**Course Description**

Death is a subject many people do not like to discuss, but it's a part of life that we will all have to face. Sometimes the more you know about a certain subject, the less frightening it becomes. Here are 11 things you may not know about dying: Dying is often a process; When breathing slows, death is likely near; There are two stages of death; Resuscitation may be possible during clinical death; Hearing may be the last sense to go; You may urinate and defecate; Morphine is only used to ease the pain associated with passing; The body as a whole may be dead, but certain parts within are still alive; There may be a scientific explanation to the notion of your life flashing before your eyes; Consciousness may continue after death; If you so desire, you can have a peaceful, painless death.

What happens after death -- physically and spiritually?

Instructor: John Abraham

John Abraham, Episcopal Priest and Certified Fellow in Thanatology, has 40+ years working in death education as counselor, therapist, and patient-care advocate. He helped to establish the second hospice in the U.S.A. and has served hospices as everything from bedpan changer to president.

He is the author of How to Get the Death You Want: A Practical and Moral Guide (2017) and of many related articles and approaches these topics with a holistic perspective, taking into account the physical, psychological, and spiritual dimensions.

John is considered to be an expert in dealing with all kinds of death/dying-related questions.

**Fridays**

**Arizona End of Life Options**

**Subject Area:** Civic  
Engagement/Community/Government,  
History/Current Events

**Fridays:** 2 Sessions 9:00 AM - 10:30 AM  
**Start:** Fri 9/16/22  
**End:** Fri 9/23/22  
**Location:** Ocotillo Room  
**Class Size:** 55

**Course Description**

This class briefly explores the rich history of the death with dignity movement for the last three decades. Bringing it to the present, it will cover current end-of-life options including medical aid in dying (MAID), which is not yet available in Arizona. MAID is legal in 10 states plus Washington DC as of 2021. We'll take a deep dive into the details of the law including the "Oregon Model" passed in 1994 vs. the New Mexico law passed in 2021, the safeguards and qualifications, the views of the proponents and the voice of the opposition. This is a topic often misunderstood by voters and lawmakers alike. Great advances have been made in healthcare, but
the mortality rate is still 100%. Come enjoy some stimulating conversations about death and dying and our end-of-life options in a safe and respectful environment.

Instructor: Mary Ganapol

Mary Ganapol moved to Tucson in 1996 from San Francisco. She retired after her two Arizona careers: contract investigator for OPM (12 years) and franchise owner in Green Valley for a senior care business Seniors Helping Seniors (5 years). She became interested in death with dignity after her former spouse died as a quadriplegic due to cancer. She has researched the right-to-die movement extensively and finds it thought-provoking. She serves on the board of Arizona End of Life Options, the League of Women Voters of Greater Tucson, and Secular AZ.

The Science of Preventing Alzheimer's Disease

Subject Area: Health/Wellness, Science/Math/Technology

Fridays: Single Session 11:00 AM - 12:30 PM  Start: Fri 9/16/22  End: Fri 9/16/22
Location: Ocotillo Room  Class Size: 55

Course Description

Can scientists find a way to stop Alzheimer's disease before it ever affects your memory and thinking? Research efforts to prevent the disease are now focused on individuals who may be at risk for Alzheimer's but do not show any symptoms. This fascinating presentation will provide an overview of how Alzheimer's disease is defined before symptoms appear and how it is being used to develop preventative therapies

Instructor: Mike Malek-Ahmadi

Mike Malek-Ahmadi is a Bioinformatics Scientist at the Banner Alzheimer's Institute in Phoenix, Arizona. Dr. Malek-Ahmadi earned a BS from the University of Arizona, a MS from the University of South Florida, and a PhD from the University of Westminster. He has worked in the field of Alzheimer's disease research since 2003 and is an author on over 70 peer-reviewed journal

articles in the areas of Alzheimer's disease, mild cognitive impairment, and normal aging. Dr. Malek-Ahmadi's current work focuses on identifying and characterizing preclinical Alzheimer's disease using clinical, cognitive, neuroimaging, and neuropathological data.

World War I Trench Art

Subject Area: Arts/Culture, History/Current Events

Fridays: Single Session 9:00 AM - 10:30 AM  Start: Fri 10/14/22  End: Fri 10/14/22
Location: Ocotillo Room  Class Size: 20

Course Description

Trench Art is a by-product of all wars past and present. But never was so much produced as during and after World War I. In this single session class, you will learn what Trench Art is, who made it, how it was made and why it was made. At the end of the presentation, you will have ample opportunity to personally handle and examine trench Art pieces from the battlefields and prison camps of Europe.

Instructor: Leslie Sills

Leslie graduated with honors with a BA in Anthropology from the University of Montana. She later completed a post graduate program entitled Women in Computer Science at the University of Denver. She lived in different areas across the United States and in the United Kingdom. She and her husband are now retired and reside in Green Valley.

Safe Driving Techniques

Subject Area: DIY/Self-Help

Fridays: 4 Sessions 11:00 AM - 12:30 PM  Start: Fri 10/14/22  End: Fri 11/4/22
Location: Ocotillo Room  Class Size: 30

Course Description

This is not an AARP driver safety class. This class does not satisfy any court order.

Defensive Driving: What do we mean by this term? It means first the proper use of your eyes. You must keep
your eyes moving at all times. You must never allow your eyes to become fixed on one thing. How far ahead should you be looking? The primary focus of this class is to bring you up to date on the existing Arizona traffic laws. An additional purpose is to make the roads safer for pedestrians and bicyclists. The laws of every state are consistent: no driver ever has the right-of-way. The law only specifies who shall yield. The law specifies that if necessary for the pedestrian’s safety, then a driver must yield to the pedestrian. Basic speed rule (may not go faster than which is reasonable and prudent based upon existing conditions).

Instructor: Vaughan Thompson
Vaughan Thompson holds a BA in Mathematics from San Diego State University. He was a software engineer for 20 years and is currently retired. Vaughan has been a math tutor for two years at Pima Community College. He is a driving instructor licensed in the state of California and has taught 30 AARP Driver Safety classes and more than 100 teenagers behind the wheel.

**Nazi Prisoners of War in America**

**Subject Area:** History/Current Events

**Fridays:** Single Session 9:00 AM - 10:30 AM  
**Start:** Fri 10/21/22  
**End:** Fri 10/21/22

**Location:** Ocotillo Room  
**Class Size:** 55

**Course Description**
A story rarely known or told is that from 1942 to 1946, the United States swarmed with captured enemy troops. Nearly 400,000 German soldiers and officers were held in more than 500 POW camps throughout the nation, including several in Maryland and Virginia. About 50,000 Italian and 5,000 Japanese also were prisoners here. The process began as an unavoidable consequence of war. With no precedent for such a large influx and fearing possible consequences of having so many enemy troops on American soil, the United States agreed only reluctantly. The first prisoners, most of them hardened veterans of Field Marshal Erwin Rommel's elite Afrika Corps, began arriving in 1942. Historians recall the early 1940s as a time of great wariness in America, of skeptical citizens and a tense government. What evolved was a certain level of comfort with an extraordinary situation. Many prisoners, in fact, became integral parts of the American economy, filling fields and factories once worked by Americans fighting overseas. German prisoners picked fruit in California, stuffed olives in Texas and, ironically, packed kosher meat in New Jersey. Nevertheless, the government’s inexperience at running such an unprecedented program often was glaringly apparent. During this single session we will view an incredible lecture by Arnold Krammer, History Professor of Texas A&M University and author of "Nazi Prisoners of War in America".

Instructor: Rob Getlan

**Astronomy/Geosciences**

**Subject Area:** Science/Math/Technology

**Fridays:** 6 Sessions 3:00 PM - 4:30 PM  
**Start:** Fri 10/21/22  
**End:** Fri 12/9/22 - No Class Nov 11 (Veterans Day), or Thanksgiving Week

**Location:** Ocotillo Room  
**Class Size:** 55

**Course Description**
Our exploration of the Earth, Solar System, and Universe continues. This semester our topics will include the Cosmic Distance Ladder, Stellar Evolution, and Supernova. Constellation Concentration will further our in-depth look at a different constellation each week. And we will continue with 'Selected Short Subjects'. There will be several guest speakers from the University of Arizona's Astronomy, Planetary Sciences, and Geosciences Departments. As always, we will discuss ongoing discoveries in Astronomy, Planetary Sciences, and Earth Sciences. And, Science Fiction Theatre continues, with short clips highlighting a century of Sci Fi movies and TV shows. And of course, there will be, 'Geo-feature-of-the-Week', 'What's for Launch', and 'Books-of-the-Week'. Information will be conveyed using short videos, awesome photos, understandable/fun graphics, and class discussions. Please join us for this continuing journey of discovery and adventure. Being in an earlier Astronomy/Geosciences class that I have hosted is neither a prerequisite nor necessary to understand and enjoy this class.
Instructor: Guy Jette

Guy retired from the U.S. Air Force after 37 years working in Research and Development in both the aeronautical and space fields. He holds MBA and MS degrees and is an Associate Fellow of the American Institute of Aeronautics and Astronautics. He has worked in astronomy outreach for the past ten years as a docent at Kitt Peak National Observatory. He has also been a frequent guest speaker at the University of Hawaii Institute for Astronomy on Maui.

2023 Medicare Update for Pima County

Subject Area: Health/Wellness

Fridays: Single Session 1:00 PM - 2:30 PM  
Start: Fri 10/28/22  
End: Fri 10/28/22

Location: Ocotillo Room  
Class Size: 55

Course Description

This course covers the basics of Original Medicare and Medicare Advantage Plans in Pima County. During Open Enrollment from October 15th through December 7th everyone on Medicare needs to review their choice of plans including Part D drug or Medicare Advantage plans. Information on the new plans for 2023 will be provided.

Instructors: John Lowy, Connie Lowy

John has been a volunteer Medicare Counselor at the Pima Council on Aging for the past 8 years. He's also been an OLLI member for eight years.

Connie is a volunteer Medicare Counselor at Pima Council on Aging where she is a member of SHIP (State Health Insurance Assistance Program) which gives free, unbiased Medicare information. She also volunteers at the Saguaro National Park.

Ten Restaurants That Changed America

Subject Area: Arts/Culture

Fridays: 3 Sessions 11:00 AM - 12:30 PM  
Start: Fri 11/18/22  
End: Fri 12/9/22 - No Class Week of Thanksgiving

Location: Ocotillo Room  
Class Size: 55

Course Description

Ten Restaurants That Changed America is a six year old book by Paul Freedman. This course will look at the restaurants that he says altered the way Americans eat when they dine out. Each of these restaurants (Delmonico’s, Howard Johnsons, Chez Panisse, Silvia’s, The Four Seasons, Schraffts, Momma Leone's plus others) for better or worse, created new trends. We will talk about these 10 plus others that Freedman points out in the addendum of the second addition. Many of us have fond memories of dining out at these restaurants and others like it over the years.

Instructor: Rob Getlan

Rob Getlan was a pastry chef earlier in life and has an interest in what makes a good restaurant work.
Green Valley Campus:
In-Person

Wednesdays

**Classic Hatha Yoga**

**Subject Area:** Health/Wellness, Philosophy/Spirituality/Religion

**Wednesdays:** 8 Sessions 9:00 AM - 10:30 AM

**Start:** Wed 9/28/22 **End:** Wed 11/16/22

**Location:** Community Learning Center - CPAC Rehearsal Room **Class Size:** 20

**Course Description**

Join Helen Boyd in this classic floor yoga class to strengthen, add range of motion, and build awareness of yourself inside and out to add balance in your life, not just physically, but mentally and spiritually as well. We will use classic yoga reclined, seated, and standing postures to attain these goals. All levels are welcome as long as you can get onto and off the floor. The equipment needed is a yoga-specific mat (not Pilates), yoga blocks, and a Mexican blanket for support of certain positions. You're welcome to bring anything else like a pillow or bolster.

Instructors: Helen Boyd, Matthew Boyd

Helen has been teaching Hatha yoga, the form of yoga that includes concentrating, breathing exercises, and postures, for 25 years, and has been certified with Yoga Alliance since its inception. Other styles of yoga she also offers are Yin, Vinyasa, and Restorative. She has taught in classrooms, in gyms, community college, and workshop settings to all age groups.

Matthew Boyd has been doing yoga for 50 years and practices regularly. While he has taken teacher training, he hasn't taught primarily and currently has chosen to co-teach.

**Crime and Punishment in America**

**Subject Area:** Civic Engagement/Community/Government

**Wednesdays:** 8 Sessions 9:00 AM - 10:30 AM

**Start:** Wed 9/28/22 **End:** Wed 11/16/22

**Location:** Community Learning Center - Room 203

**Class Size:** 50

**Course Description**

This course focuses on crime and punishment in America. We'll spend the first portion of the course talking about the various types of crimes, the combination of act, state of mind and harm that go into the definitions of the many crimes on the books. The categories of crimes include murder, mayhem, money, morals and, of course, drugs and sex. We will then discuss various defenses to those crimes, and the distinction between a legal defense and claims that are more in the nature of an explanation of why the crime occurred. We will then spend some time discussing why and how we punish convicted offenders, both the philosophical underpinnings of punishing a fellow human being, and the process we use to determine and impose that punishment. With our shared understanding of crime and punishment in America, we'll finish up with a discussion of how well our system works and what we might do to improve it. A word to the prospective student: This course addresses difficult and sometimes sensitive topics; it is not for the faint of heart.

Instructor: Hugh Patrick Furman

Hugh Patrick Furman graduated from law school in 1980, practiced criminal defense for seven years, and then joined the faculty at the University of Colorado School of Law, where he taught for twenty-five years. He specialized in criminal law, criminal procedure, constitutional law, evidence, trial advocacy, and wrongful convictions. He has taught and written articles and teaching materials in these areas. He has written books on evidence, trial advocacy, and D.U.I. Hugh retired in 2017 but continues to teach trial advocacy to lawyers, law students, and high school students. He has
received professional awards for his teaching and his pro bono work.

Louise Penny Novels

**Subject Area:** Literature/Writing/Language  
**Wednesdays:** 4 Sessions 9:00 AM - 10:30 AM  
**Start:** Wed 9/28/22  **End:** Wed 11/9/22  **Class held every other week**  
**Location:** Community Learning Center - Room 210  
**Class Size:** 20

Course Description
Louise Penny, a former Canadian journalist, has authored 17 mystery novels centered in Three Pines, a fictional town in the Eastern Townships of Quebec, less than 30 miles from the Vermont-Quebec border. We will read her first novels in order because more about the main characters evolve with each book.

Instructor: Carol Casey
Born and raised in Vermont. Spent professional career in Washington, DC in government affairs. Returned to Vermont upon retirement and worked part time at the local library. Moved to Green Valley in September 2018.

Steinbeck's East of Eden: A Biblical Tale

**Subject Area:** Literature/Writing/Language  
**Wednesdays:** 5 Sessions 11:00 AM - 12:30 PM  
**Start:** Wed 9/28/22  **End:** Wed 10/26/22  
**Location:** Community Learning Center - Room 210  
**Class Size:** 30

Course Description
We will read and explore Steinbeck's multigenerational saga of early 20th century California (Eden?), based on The Book of Genesis, and look with him at the struggles of the soul.

"...We have only one story. All novels, all poetry, are built on the never-ending contest in ourselves of good and evil. And it occurs to me that evil must constantly respawn, while good, while virtue, is immortal...."

Required reading and preparation of about 100+ pages for each of the 5 sessions for this sweeping tale of Everyman's inner struggle with Free Will and Evil.

Instructor: Maureen Brooks
Maureen is an autodidact operaphile and has been teaching classes on opera and popular film for Lifelong Learning Institutes, including OLLI, for 9 plus years. She is also a Docent for Pima County's Historic Hacienda de la Canoa. Prior to retirement, she was an attorney in New York, California, and the District of Columbia, and an adjunct professor at Marist College in their ABA accredited Paralegal Program from 1993-2012 when she retired to Green Valley.

The Life and Politics of Thomas Jefferson

**Subject Area:** History/Current Events  
**Wednesdays:** 6 Sessions 11:00 AM - 12:30 PM  
**Start:** Wed 9/28/22  **End:** Wed 11/2/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 50

Course Description
The class will explore Thomas Jefferson's life (1743-1826), politics, controversies, and legacy. Topics include the Early Years, Slavery and Racism, his time as VP (1797-1801) and President (1801-1809), the Louisiana Purchase, Church and State, and TJ's productive post-Presidency (retirement) years. Because TJ is such a quintessential American founder, as well as our 3rd President, we will also keep an eye on how issues in his personal, public, and professional life have continued to reverberate and weave through the ins and outs of numerous presidencies, including those in our time.

Instructor: Ron Rude
Ron Rude lives with his wife, Nancy, in Tucson, and has been a student of presidential history for 30 years. He has taught several OLLI history courses including "Presidential History: The Good, Bad, and Ugly," as well as several courses on "Science and Theology." Ron recently retired to writing and teaching after 17 years as Lutheran campus pastor (ELCA) at the University of...
Arizona. Interests include hiking, music (drums, piano), basketball, travel. His most recent published book is "Amending the Christian Story: The Natural Sciences as a Window into Grounded Faith and Sustainable Living" (Wipf and Stock Publishers, October 2021).

**Eye-Popping Astronomy (Without Any Math!)**

**Subject Area:** Science/Math/Technology  
**Wednesdays:** 4 Sessions 1:00 PM - 2:30 PM  
**Start:** Wed 9/28/22  
**End:** Wed 10/19/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 50

**Course Description**

Eye-Popping Astronomy (Without Any Math!) is a series of presentations focusing on the awesome beauty that exists everywhere in our amazing universe.

Session 1: Cruising Through the Solar System... a visually stunning tour of the Sun, planets, moons, asteroids, and comets in our solar system... with photos and videos from numerous spacecraft showing their surfaces and relative sizes compared with our Earth.

Session 2: Cruising Through the Cosmos... utterly mindboggling views and explanations of interstellar molecular clouds, stars and star clusters, supernova remnants, planetary nebulae, and galaxies beyond our own Milky Way... as revealed by the Hubble Space Telescope.

Session 3: Cruising to the Moon... a fascinating examination of our nearest neighbor in space, and how it inspired that "One Giant Leap for Mankind."

Session 4: Cruising with the Comets and Meteors... an intriguing survey of various comets and meteors, the different types of meteorites, and the impact craters they sometimes leave behind.

**Instructor:** Fred Cink

Fred J. Cink is a former Army Aviator, and retired Naval Aviator with thousands of hours of flight time in both rotary wing and fixed wing aircraft. His lifelong interest in military aviation is matched by a passion for all things related to astronomy and space exploration. In 2018 he was hired by AURA, the Association of Universities for Research in Astronomy in Tucson, Arizona, to share his knowledge of astronomy with visitors at Kitt Peak National Observatory.

**You've Got To Be Kinning: The Extensions of Closeness**

**Subject Area:** Arts/Culture, Health/Wellness, Literature/Writing/Language, Philosophy/Spirituality/Religion, Social Sciences  
**Wednesdays:** 8 Sessions 1:00 PM - 2:30 PM  
**Start:** Wed 9/28/22  
**End:** Wed 11/16/22  
**Location:** Community Learning Center - Room 210  
**Class Size:** 30

**Course Description**

This class is an overview of kinship/family structures in cross-cultural perspective. We will use anthropological comparative ethnographic sources to appreciate the significant variety of kinship-based terminological systems utilized in human societies around the world. A simple method of recording and describing kin relationships (dyads) will be demonstrated and practiced by all members. All participants will be encouraged and expected to prepare brief examples of selected personal kinship experiences using discovery techniques to be described by the leader. It is not a genealogical methods workshop, but it is a great learning tool, and a lot of fun!

**Instructor:** Thomas Correll

Thomas Correll lived among Inuit peoples in arctic Canada in the 1950s-60s. He speaks Inuktut and maintains those relationships. Background in Anthropology, Linguistics - Ph.D. (Minnesota), Arctic Studies, Inuit (Eskimo) ethnography, culture history.
Create Your Pollinator Oasis

Subject Area: Arts/Culture, DIY/Self-Help

Wednesdays: Single Session 3:00 PM - 4:30 PM
Location: Community Learning Center - Room 203
Class Size: 70

Course Description
Do you enjoy watching birds, butterflies, and other Sonoran Desert wildlife? Do you want to make a difference for local wildlife in your yard, while getting the enjoyment that watching them brings? Then this class is for you.

Participants will learn: How pollinators are threatened and how our gardens can make a difference, the simple conditions necessary for a successful wildlife garden, specific plants that you can plant to attract different types of wildlife including: songbirds, hummingbirds, butterflies, lizards-and even bats, how to create a wildlife oasis even if you have only a small space, what resources are available to you as you design a project, and, if desired, what wildlife certifications are available for your home. No special gardening knowledge is required, just a willingness to learn.

Instructor: Charlene Westgate
Charlene Westgate is owner of Westgate Garden Design, a sustainable landscape design firm in Green Valley, Arizona. She is a Permaculture Designer through the Sonoran Permaculture Guild. A Certified Water Harvesting Professional through Watershed Management Group and a Green Valley Master Gardener with the U of A Cooperative Extension. Charlene has been a designer for the past 20 years and an avid desert gardener for nearly 30 years. Using nature as a resource, she creates lush landscapes of native plants that provide beauty and enjoyment to people, and food and habitat for birds, butterflies, and other wildlife.

Designing Your Own Rain Garden

Subject Area: Arts/Culture, DIY/Self-Help

Wednesdays: Single Session 3:00 PM - 4:30 PM
Start: Wed 10/5/22  End: Wed 10/5/22
Location: Community Learning Center - Room 203
Class Size: 70

Course Description
In a region where water is scarce and landscape irrigation accounts for over half of our residential water consumption, rain gardens provide a beautiful solution. A rain garden, also known as passive water harvesting, is "a simple depression in the ground that becomes a watery oasis every time it rains." Rainwater harvesting earthworks contour the soil to make use of the rainwater runoff. This approach adds interest to the landscape, saves water and reduces our reliance on groundwater, while providing plants with free, clean, salt-free water. Whether doing the work yourself or hiring some to help you, this study group will look at: Why rain gardens are more important than ever, how to identify best locations on your property to create your passive water harvesting basins, how to construct rain gardens so that they are both functional and beautiful, and view a basin being built, what are the rain garden zones and which plants are best suited to each, what issues you might encounter and how to deal with them, and how to make your rain gardens "sponges" that hold onto moisture. No special gardening knowledge is required, just a willingness to learn.

Instructor: Charlene Westgate
Charlene Westgate is owner of Westgate Garden Design, a sustainable landscape design firm in Green Valley, Arizona. She is a Permaculture Designer through the Sonoran Permaculture Guild. A Certified Water Harvesting Professional through Watershed Management Group and a Green Valley Master Gardener with the U of A Cooperative Extension. Charlene has been a designer for the past 20 years and an avid desert gardener for nearly 30 years. Using nature as a resource, she creates lush landscapes of native plants that provide beauty and enjoyment to people, and food and habitat for birds, butterflies, and other wildlife.
China's Rightful Rise? A Discussion

**Subject Area:** History/Current Events  
**Wednesdays:** 2 Sessions 3:00 PM - 4:30 PM  
**Start:** Wed 10/12/22  
**End:** Wed 10/19/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 30

Course Description
Chinese Government officials often complain that the West is trying to thwart "China's Rightful Rise." Is a benign interpretation of this phrase possible? What is the endpoint of "China's Rightful Rise?" Is it the same as some (weak) Western attempts to "constrain" China in some fields? What is the basis of China's "entitlement"? Is it a zero-sum situation? Following China's earlier Belt and Road Initiative, China has recently announced a Global Development Initiative and a Global Security Initiative. We should have a lively discussion.

Instructor: Charles Wright  
Charles is a retired Architect. During his career he was involved in a number of projects for International Organizations in Europe, Africa, Asia, South America and the Caribbean. Join us for some interesting discussions.

Documentaries by the Maysales Brothers

**Subject Area:** Arts/Culture, History/Current Events  
**Wednesdays:** 4 Sessions 1:00 PM - 2:30 PM  
**Start:** Wed 10/26/22  
**End:** Wed 11/16/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 70

Course Description
The legendary documentary filmmakers made three particularly famous films in the late 1960s to 1970s: Salesman, Gimme Shelter, and Grey Gardens. This class will meet to view and discuss each documentary, as well as the 2009 Grey Gardens movie that is based on the documentary and stars Drew Barrymore and Jessica Lang.

Instructor: Rick Cendo  
A graduate of Duke University, Rick Cendo was editor of the daily newspaper there and later wrote and reported for The New Yorker Times. He also taught writing composition at University of Colorado - Boulder.

Cats and Wildlife

**Subject Area:** Civic Engagement/Community/Government  
**Wednesdays:** Single Session 11:00 AM - 12:30 PM  
**Start:** Wed 11/2/22  
**End:** Wed 11/2/22  
**Location:** Community Learning Center - Room 210  
**Class Size:** 40

Course Description
There is no doubt that the outdoor cat population is a serious concern for wildlife, so what can we do about it? This program will cover the active steps Southern Arizona is taking to reduce the overpopulation of free-roaming outdoor cats, and how the community can get involved in making a difference in the lives of cats and urban wildlife through Trap Neuter Return. The program will address the history of free roaming cats, common concerns regarding free-roaming cats, how to best help these cats and the community, what to do when you find kittens outside, and solutions for deterring cats from private properties and gardens.

Instructor: Angeline Fahey  
Angeline Fahey is the Humane Society of Southern Arizona's Community Cat Program Manager, providing education and trapping assistance for Trap Neuter Return of free-roaming cats. Prior to this position, Angeline worked for a wildlife hospital writing newsletters, rehabbing baby birds and rodents, and developing an education program on urban wildlife rehabilitation and coexistence that was presented over 100 times throughout Southern Arizona. Before animal welfare, Angeline dedicated her time to the hospital bedside providing art-therapy to children coping with serious illness. Angeline has earned multiple citizen achievement awards recognizing her efforts and compassion to help people and animals.
Arizona End of Life Options

Subject Area: Civic Engagement/Community/Government, History/Current Events

Wednesdays: 2 Sessions 11:00 AM - 12:30 PM
Start: Wed 11/9/22 End: Wed 11/16/22
Location: Community Learning Center - Room 210
Class Size: 40

Course Description
This class briefly explores the rich history of the death with dignity movement for the last three decades. Bringing it to the present, it will cover current end-of-life options including medical aid in dying (MAID), which is not yet available in Arizona. MAID is legal in 10 states plus Washington DC as of 2021. We'll take a deep dive into the details of the law including the "Oregon Model" passed in 1994 vs. the New Mexico law passed in 2021, the safeguards and qualifications, the views of the proponents and the voice of the opposition. This is a topic often misunderstood by voters and lawmakers alike. Great advances have been made in healthcare, but the mortality rate is still 100%. Come enjoy some stimulating conversations about death and dying and our end-of-life options in a safe and respectful environment.

Instructor: Mary Ganapol
Mary Ganapol moved to Tucson in 1996 from San Francisco. She retired after her two Arizona careers: contract investigator for OPM (12 years) and franchise owner in Green Valley for a senior care business Seniors Helping Seniors (5 years). She became interested in death with dignity after her former spouse died as a quadriplegic due to cancer. She has researched the right-to-die movement extensively and finds it thought-provoking. She serves on the board of Arizona End of Life Options, the League of Women Voters of Greater Tucson, and Secular AZ.

The Case for More and Better U.S. Diplomacy

Subject Area: History/Current Events

Wednesdays: Single Session 11:00 AM - 12:30 PM
Location: Community Learning Center - Room 203
Class Size: 70

Course Description
Most close observers of U.S. diplomacy believe that our diplomatic effectiveness has been in decline over the past several decades. This presentation will review the lessons I learned, the changes I witnessed in how we conduct diplomacy, and the inflection points I recall in our diplomatic decline. I will talk about how training, mentoring and experience produces effective diplomats, how experienced diplomats serve as an early warning system for potential crises, the need for a better balance between security and the necessary work of diplomacy and the need to earn the trust of political leaders and the people they represent.

Instructor: David Dunford
Dave Dunford served as the U.S. ambassador to Oman and as the deputy ambassador to Saudi Arabia during the 1990-91 Gulf War. He is a member of the governing board of the University of Arizona's Center for Middle East Studies. He has taught courses on the Arab-Israeli conflict and the Middle East business environment at the University of Arizona and has consulted for both the government and the private sector on Middle East issues. He is the author of From Sadat to Saddam: The Decline of American Diplomacy in the Middle East (Potomac Books 2019).
Health Care: What Next?

Subject Area: Civic Engagement/Community/Government, Health/Wellness, History/Current Events, Social Sciences

Wednesdays: Single Session 11:00 AM - 12:30 PM
Start: Wed 11/16/22  End: Wed 11/16/22
Location: Community Learning Center - Room 203
Class Size: 70

Course Description
What is the future of health care in America as already high prices continue to rise and medical outcomes relative to other comparable nations remain stagnant or decline? We spend much more than other countries on health care and get less. Is the Affordable Care Act an answer or does it simply postpone a reckoning? A single-payer system like Medicare could be a solution, and it wouldn’t necessarily have to be run by the government. But such a plan faces enormous opposition from the powerful and well-financed health insurance industry. We will examine these issues along with other aspects of the U.S. health care system.

Instructor: Fred Brock

Introduction to French

Subject Area: Literature/Writing/Language

Thursdays: 5 Sessions 9:00 AM - 10:30 AM
Start: Thu 9/29/22  End: Thu 10/27/22
Location: Community Learning Center - Room 210
Class Size: 10

Course Description
This class is for people with no previous experience of French.
Using the geography of France as a conversation starter we will count up to 20, learn our alphabet, go over rules of pronunciation, memorize simple vocabulary, understand the grammar structure of the language and get ready for a Beginner Conversation class.

Instructor: Sylvie Robertshaw
A native French speaker, Sylvie Robertshaw, M. Ed, has been teaching all levels of standard French in Green Valley since 2009 with an emphasis on daily conversation, culture, and poetry and creative writing. She expects students to expand their curiosity about everything French outside of the classroom and to share their French adventures with each other. A former journalist in Paris, Sylvie also lived twenty years in Italy and views speaking a foreign language as an essential pleasure in life.
Read and Discuss The New Yorker with Us

Subject Area: Literature/Writing/Language

Thursdays: 8 Sessions 9:00 AM - 10:30 AM     Start: Thu 9/29/22  End: Thu 11/17/22
Location: Community Learning Center - Room 205
Class Size: 22

Course Description
The New Yorker magazine includes something for everyone: commentary, reportage, profiles, criticism, essays, fiction, satires, cartoons, and poetry. Class members will divide the current issue of the magazine and share a report with the class on a particular article. In addition, the entire class will read and discuss one of the articles. We will also take a look at articles from the rich history of the magazine. This continuing class was first offered in Spring 2011.

A subscription to the magazine is required.

Instructors: Donald Kamin, John McCoy, Pam Duchaine
Don Kamin has been class leader for several OLLI courses and has been attending or leading the New Yorker class since Spring 2011.
John McCoy is retired from a career developing public financing for housing for low-income families, and the structuring of public/private partnerships for economic development.

Pam Duchaine is a long-time OLLI member and a great fan of Tucson theatre.

World War I Trench Art

Subject Area: Arts/Culture, History/Current Events

Thursdays: Single Session 9:00 AM - 10:30 AM     Start: Thu 9/29/22  End: Thu 9/29/22
Location: Community Learning Center - Room 203
Class Size: 20

Course Description
Trench Art is a by-product of all wars past and present. But never was so much produced as during and after World War I. In this single session class, you will learn what Trench Art is, who made it, how it was made and why it was made. At the end of the presentation, you will have ample opportunity to personally handle and examine trench Art pieces from the battlefields and prison camps of Europe.

Instructor: Leslie Sills
Leslie graduated with honors with a BA in Anthropology from the University of Montana. She later completed a post graduate program entitled Women in Computer Science at the University of Denver. She lived in different areas across the United States and in the United Kingdom. She and her husband are now retired and reside in Green Valley.

The Heart of the Matter

Subject Area: Health/Wellness

Thursdays: 4 Sessions 11:00 AM - 12:30 PM     Start: Thu 9/29/22  End: Thu 10/20/22
Location: Community Learning Center - Room 210
Class Size: 30

Course Description
Your heart is more than a function of circulation. The ancients view it as more than physical. Scientists focus on how to repair it. Now, it's become a second brain - an intricate, intelligent, and subtle energy center. To arrive at the heart of the matter, we will explore how you can use your second brain to: Become heart-centered, act magnetically beyond the body, breathe in dynamic energy, vibrate to heal yourself and others, and express intelligence, intuition, and conscious awareness. This is an interactive four-session format. You'll be taking what is presented and integrating it into class exercises so that you have a foundation to explore the potential of your incredible second brain. Everyone's heart is welcome, no matter what condition it is in.

Instructor: Joyce Hansen
Joyce Hansen, a graduate of the University of Wisconsin, relocated to New York to live a corporate life until she switched mid-career to spend 25 years in a private mind-body strategies practice and retired as a community
college adjunct professor. She now writes and conducts training programs on health and aging issues.

**The Sociology of Knowledge**

**Subject Area:** Social Sciences

**Thursdays:** 3 Sessions 11:00 AM - 12:30 PM  
**Start:** Thu 9/29/22  
**End:** Thu 10/13/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 45

**Course Description**

All knowledge is socially constructed. It is sustained and changed via evolution, transmission, and extinction. Knowledge starts with a thought -- and ends in objectification -- then in turn, influencing how we see the world. There are worldviews in our gender, social class, religion, etc. We will discuss knowledge production on the Internet and socio-politico contexts which are transitory, short-lived, and relative. Opinions are facts and facts are relative. This can lead to narcissism and nihilism. Dire consequences are in order with this continuance. We will also look at the social construction of wisdom, knowledge, information, and data.

**Instructor:** Mark Meadows

Mark has his Ph.D. in Sociology with interests in spirituality, virtues, aging, and comparative worldviews. He has lived and/or worked in Asia, the Middle East, Africa, India, and Mexico. His myriad of human experiences were working with Arun and Sunanda Gandhi at the Gandhi Institute for the Study of Non-Violence; teaching at the historically black university Bethune-Cookman; teaching water babies; acting and modeling in Hollywood (was on Three's Company & Welcome Back Kotter), study with an Indian guru and a Navajo Medicine Woman; taxi driver; a college professor and administrator; and was a kindergarten teacher.

**The Enneagram as a Tool for Personal Growth**

**Subject Area:** DIY/Self-Help, Philosophy/Spirituality/Religion

**Thursdays:** 4 Sessions 1:00 PM - 2:30 PM  
**Start:** Thu 9/29/22  
**End:** Thu 10/27/22 - No Class Oct 13  
**Location:** Community Learning Center - Room 210  
**Class Size:** 30

**Course Description**

The Enneagram is a system describing nine basic patterns of motivation and strategies for interacting with the world. Unlike what many think, you are not a type. We all have something from each type, but one usually dominates, especially when you are under stress or are feeling comfortable and spontaneous. In this class we will study the basic structures of the Enneagram and how these structures are related to both nature and nurture. Then we will explore your types, as well as tools that you could use to increase access to opportunities for employing your strengths and to strengthen any weaknesses you might want to work on.

**Instructor:** Diane Farone

Although Diane Farone is not a certified enneagram teacher in any of the established schools, she has studied it intensively over decades. She has a doctorate in Social Welfare from Columbia University and is a retired professor of social work. Her emphasis was in the track called Human Behavior in the Social Environment, a series that draws from various social science content as it impacts social work practice.

**Western Movies of the Golden Age**

**Subject Area:** Arts/Culture

**Thursdays:** 4 Sessions 1:00 PM - 2:30 PM  
**Start:** Thu 9/29/22  
**End:** Thu 10/20/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 50

**Course Description**

Westerns enthralled audiences almost from the beginning of the film industry. The very first American narrative film was a western. The popularity of the genre continued almost unabated until the early 1950’s when cowboys and Indians racing across the western skyline began to fade. But during the "Golden Age" (20th Century) cowboy films were tops at the box office and
finally on TV screens across the United States. Millions of children and even some of their parents lined up at neighborhood theaters to watch Hoppy, Gene and Roy corral the bad guys and usually not get the girl. Come with us now for a look at the movies that influenced generations of people and set many of the tones in American culture.

Instructor: Philip Wenstrand

Philip Wenstrand spent most of his life in the media. For 30 years he worked in commercial television news and documentary production. He is a graduate of Linfield College and the Brooks Institute.

**Analyzing Civil War Causation**

**Subject Area:** Health/Wellness, Social Sciences

**Thursdays:** 6 Sessions 3:00 PM - 4:30 PM  **Start:** Thu 9/29/22  **End:** Thu 11/3/22

**Location:** Community Learning Center - Room 210

**Class Size:** 20

**Course Description**

This course is designed as a discussion-based class to investigate and examine the various historical interpretations of the American Civil War. No event in American History has been as disruptive to the political, social, and economic system as the incidents from 1850 to 1860. Historians have debated the cause of this calamitous war for 150 years. Some claim the great Civil War was a result of Northern aggression, while others denounce it as purely Southern treason. Some say it was inevitable, while others regard it as a preventable mistake. Earlier historians argued that the conflict resulted from economic differences between North and South while more recent authors argue that the cause stemmed from opposition to Southern slavery. The great questions continue to be debated: Was the war inevitable or preventable. This class will examine some of these arguments in a discussion-based approach, with an emphasis on its ramifications in the 20th and 21st century, specifically the 2nd Reconstruction era of the 1950s and 1960s and the most recent 1619 project and its 1620 critique.

Instructor: John Hosmer

Dr. John Hosmer received his Ph.D. from the U of Arizona with post doctoral work at the University of Oxford in American Political Theory. He was the Arizona Governor's choice to serve on the Arizona State Board of Education and been in the education field for over 35 years teaching at both the college and secondary level. He served as the chair of the Charter School Subcommittee while on the State Board. Dr Hosmer's papers and publications are centered on the field of American political and intellectual ideas stemming from the Civil War/Reconstruction era.

**Behind the Music**

**Subject Area:** Arts/Culture

**Thursdays:** 7 Sessions 3:00 PM - 5:00 PM  **Start:** Thu 9/29/22  **End:** Thu 11/10/22

**Location:** Community Learning Center - Room 203

**Class Size:** 70

**Course Description**

We instinctively respond to music. What goes into a performance? Through documentaries, we look at what drives musicians and how music affects us. Something for everyone: Motown, pop, rock, opera, country, etc.

Instructor: Terry Cox

A former teacher and union advocate, Terry has been involved in public education for 40 years in Montana and Michigan.
**Various Aspects of the Sonoran Desert Tortoise**

**Subject Area:** Arizona History/Culture, Science/Math/Technology

**Thursdays:** Single Session 1:00 PM - 2:30 PM  
**Start:** Thu 10/13/22  
**End:** Thu 10/13/22  
**Location:** Community Learning Center - Room 210  
**Class Size:** 40

**Course Description**
This presentation will cover various aspects of the Sonoran Desert Tortoise: from AZ laws to many fun facts of interest, reproduction, diet etc., and what it is like to have a tortoise living in our house. The goal is to have attendees leave with more knowledge about and an increased appreciation for these wonderful creatures.

**Instructor:** Philip Schilke

Phil Schilke is a retiree of Ford Motor Company after 30 years of service. He has both a BS and an MS in Mechanical Engineering. He retired in 2002. He and his wife, Margie, have been full-time residents of Green Valley for 14 years.

**Travel Literature and the History of Early Mexico**

**Subject Area:** History/Current Events, Literature/Writing/Language, Travel/Entertainment

**Thursdays:** 5 Sessions 9:00 AM - 10:30 AM  
**Start:** Thu 10/20/22  
**End:** Thu 11/17/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 70

**Course Description**
For historians, traveler's accounts are among the richest sources, offering lively storytelling, vivid descriptions of people and places, and sometimes controversial ideas about history and culture. In this class of five lectures, we'll explore the work of five of the most widely read travelers to visit Mexico in the period from 1625-1843. Our writers include: Thomas Gage, the English Dominican priest who later converted to Protestantism and became part of Oliver Cromwell's inner circle; Alexander von Humboldt, the German political philosopher and scientist who traveled throughout Latin America just before the collapse of the Spanish empire; Rowland Willard, an American doctor who practiced in New Mexico in the 1820s, when the region was still part of the Mexican Republic; Frances Calderón de la Barca, the Scottish wife of the Spanish ambassador to Mexico from 1839-1842, the tumultuous years after Independence; and John Lloyd Stephens, the businessman, diplomat, and (forgive the pun) ground-breaking archaeologist, whose books were best-sellers in the 1840s. All their books were popular during their lifetimes and shaped outsiders' views of Mexico. They remain essential sources for anyone interested in the social and cultural history of colonial and early nineteenth century Mexico.

**Instructor:** Kevin Gosner

Kevin is Associate Professor of Latin American History at the University of Arizona, where he teaches classes on Colonial Spanish America, World History, and Historical Concepts and Methods. The author of Soldiers of the Virgin: The Moral Economy of a Colonial Maya Rebellion, his research examines the impact of the Spanish conquest and colonial rule on indigenous communities in southern Mexico and Guatemala. His interests also include music and popular culture, and natural history -- topics that will be included in this class.

**An Implicit Reality - Ageless Wisdom**

**Subject Area:** Philosophy/Spirituality/Religion

**Thursdays:** 3 Sessions 11:00 AM - 12:30 PM  
**Start:** Thu 10/20/22  
**End:** Thu 11/3/22  
**Location:** Community Learning Center - Room 203  
**Class Size:** 50

**Course Description**
Since the dawning of humanity, humans have sought to understand the true nature of reality. This class is going to take a systems approach to understanding reality. That is, an approach that deals with the interrelated principles of being, awareness, knowing, personhood,
cause, & perceived objectivity. We will look at where science meets spirit and where both domains seek to find a singular law to explain everything. We will look at Universal Laws that have applicability to this search.

Instructor: Mark Meadows

Mark has his Ph.D. in Sociology with interests in spirituality, virtues, aging, and comparative worldviews. He has lived and/or worked in Asia, the Middle East, Africa, India, and Mexico. His myriad of human experiences were working with Arun and Sunanda Gandhi at the Gandhi Institute for the Study of Non-Violence; teaching at the historically black university Bethune-Cookman; teaching water babies; acting and modeling in Hollywood (was on Three's Company & Welcome Back Kotter), study with an Indian guru and a Navajo Medicine Woman; taxi driver; a college professor and administrator; and was a kindergarten teacher.

TEP Home Energizer Workshop

Subject Area: DIY/Self-Help

Thursdays: Single Session 11:00 AM - 12:30 PM
Start: Thu 10/27/22 End: Thu 10/27/22
Location: Community Learning Center - Room 210

Course Description
Want to learn how to save energy, and money, at home? Want to receive a kit filled with energy efficiency devices for FREE? Attend the Home Energizer Workshop! Learn free and low-cost energy efficiency measures you can implement at home to save energy and money! All workshop participants will receive a free Energy Efficiency Kit worth more than $40 that includes LED light bulbs, a low-flow showerhead, faucet aerators, and more. The workshop is offered for free, courtesy of TEP.

Instructors: Adam Kingery, Jonathan Heras

Adam Kingery was a classroom teacher in Arizona for 13 years before joining the Exchange as an outreach presenter in 2016. For many of those years, Adam's students benefited from the programs offered by the Exchange. Adam holds a master's degree in Educational Leadership and has an undergraduate degree in Political Science from the University of Arizona, as well as a teaching certificate from Prescott College. He manages the logistics and team of energy presenters for the Bright Students middle school program and the Home Energizer Workshop for both Tucson Electric Power and Unisource Energy Services. Adam also assists with curriculum revisions and new program development.

Jonathan Heras has been presenting energy-related education courses for the Environmental Education Exchange for over 3 years, to elementary, middle, and high school-aged students, as well as to adults throughout Arizona! He also acts and helps develop programming at Borderlands Theater and the Gaslight Theater in Tucson.

Astronomy in the News

Subject Area: Science/Math/Technology

Thursdays: 4 Sessions 1:00 PM - 2:30 PM
Start: Thu 10/27/22 End: Thu 11/17/22
Location: Community Learning Center - Room 203
Class Size: 70

Course Description
Our knowledge and understanding of the universe has expanded at an unprecedented rate in recent years with new discoveries frequently reported in the news media. In this class we will discuss the background of some of these developments and their significance for our bigger picture of the universe. Topics will depend on what has been in the news recently but will certainly include the first scientific results from the new James Webb Space Telescope and developments from some of the many missions that are exploring our solar system. Other topics suggested by the students will also be included. No background in science will be assumed. This class has been offered previously but new topics are discussed each time.

Instructor: Edward Schmidt

Ed Schmidt was a professor of astronomy at the University of Nebraska for four decades. He taught a variety of astronomy classes ranging from introductory classes for non-science majors to junior-senior classes for students majoring in physics. He has conducted
The Final Journey Home

Subject Area: Philosophy/Spirituality/Religion

Thursdays: 2 Sessions 1:00 PM - 2:30 PM   Start: Thu 11/3/22  End: Thu 11/10/22
Location: Community Learning Center - Room 210  Class Size: 40

Course Description
We will discuss the final journey home through the wisdom of Teilhard de Chardin, Meister Eckhart, St. Francis of Assisi, and Thomas Merton. Through their wisdom we will: Find the final journey home through the art of contemplation, discuss the universal crisis in meaning, what path we take from collapse to renewal both personally and globally, and how then shall we live today.

Instructors: William Joseph, Stella Mackenzie

Joseph has taught classes for OLLI for four years with good attendance. He has been a secondary school teacher in Colorado and New Mexico and retired in Tucson. His passions are living sustainably, practicing the Art of Contemplation, and interacting with others on deep and meaningful topics.

Think on These Things

Subject Area: Social Sciences

Thursdays: Single Session 11:00 AM - 12:30 PM   Start: Thu 11/10/22  End: Thu 11/10/22
Location: Community Learning Center - Room 203  Class Size: 45

Course Description
A reflection on things most not known or thought about. This class will look at various content in a 5-7-minute mini-presentation style. From senior vs youth driving perceptions, the law of polarity, esoteric quotations to ponder, and urban vs rural populations, to name a few - a whirlwind of things to think about.

Instructor: Mark Meadows

Mark has his Ph.D. in Sociology with interests in spirituality, virtues, aging, and comparative worldviews. He has lived and/or worked in Asia, the Middle East, Africa, India, and Mexico. His myriad of human experiences were working with Arun and Sunanda Gandhi at the Gandhi Institute for the Study of Non-Violence; teaching at the historically black university Bethune-Cookman; teaching water babies; acting and modeling in Hollywood (was on Three's Company & Welcome Back Kotter), study with an Indian guru and a Navajo Medicine Woman; taxi driver; a college professor and administrator; and was a kindergarten teacher.
SE Tucson (Vail) Campus: In-Person

Tuesdays

The American Civil War

Subject Area: History/Current Events

Tuesdays: 6 Sessions 9:00 AM - 10:30 AM    Start: Tue 9/27/22
End: Tue 11/1/22

Location: Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago

Class Size: 50

Course Description
This six-week session will examine several of the key battles in the War Between the States—Antietam, Shiloh, Gettysburg—as well as examine several of the key leaders—McClellan, Chamberlain, Sickles. As there were plenty of “what ifs” involved in this four-year conflict, there will be plenty of time provided for discussion.

Instructor: Gene Bryan

A native of Wyoming, Gene Bryan aspired to be "the world's greatest sportswriter," but found out he likes to eat! He spent nearly two decades in tourism and event marketing, including serving as director of the Wyoming Travel Commission, executive director of the Cheyenne Frontier Days Committee and General Manager-Promotions for the National Finals Rodeo in Las Vegas. A self-described "history junkie," he is fascinated with everything associated with the Lewis & Clark Expedition.

Introduction to Constitutional Law

Subject Area: Civic Engagement/Community/Government, Social Sciences

Tuesdays: 8 Sessions 11:00 AM - 12:30 PM    Start: Tue 9/27/22
End: Tue 11/15/22

Location: Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago

Class Size: 45

Course Description
This course introduces students to Constitutional Jurisprudence, and how courts determine the meaning and application of the U.S. Constitution, in the context of specific cases and controversies. The Constitution established a federal government with limited powers, limited by the specific grants of authority to each of the three branches, by the separation of powers among those branches, and the checks and balances erected to assure that federal power is not concentrated in any branch. It is limited by federalism, i.e., the allocation of power to the federal government and the state governments, and by individual rights protected against federal intrusion. In addressing some of the most volatile Constitutional (and political) issues of the day, the Supreme Court considers these constitutional principles. But it also addresses other interpretive questions, about which S. Ct. Justices may disagree, e.g., In interpreting and applying constitutional terms, phrases and provisions, do we look only to the precise words of the constitution (textualism)? If so, do we look to what the words meant when the Constitution was ratified (originalism), or to what they are broadly understood to mean today. Is the Constitution a "living document" that must be understood in light of contemporary political and social (and technological) realities? When Court membership (and members' ideologies) change, what is the role of stare decisis in assuring stability in Constitutional jurisprudence? This is a serious concern today, given the current Justices' willingness to jettison long-established precedents, based solely on individual justices' belief that these cases were "wrongly decided".

Instructor: Maggie Cohen

Maggie Cohen has taught college-level courses in law, philosophy, and labor studies for more than 30 years. She holds a Ph.D. in Philosophy, specializing in theoretical and applied ethics. She is a lawyer, specializing in labor and employment law, who loves the law and is intent on demystifying it for anyone who wants to learn.
**Cats and Wildlife**

**Subject Area:** Civic Engagement/Community/Government

**Tuesdays:** Single Session 1:00 PM - 2:30 PM  
Start: Tue 9/27/22  
End: Tue 9/27/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**

There is no doubt that the outdoor cat population is a serious concern for wildlife, so what can we do about it? This program will cover the active steps Southern Arizona is taking to reduce the overpopulation of free-roaming outdoor cats, and how the community can get involved in making a difference in the lives of cats and urban wildlife through Trap Neuter Return. The program will address the history of free-roaming cats, common concerns regarding free-roaming cats, how to best help these cats and the community, what to do when you find kittens outside, and solutions for deterring cats from private properties and gardens.

Instructor: Angeline Fahey

Angeline Fahey is the Humane Society of Southern Arizona's Community Cat Program Manager, providing education and trapping assistance for Trap Neuter Return of free-roaming cats. Prior to this position, Angeline worked for a wildlife hospital writing newsletters, rehabbing baby birds and rodents, and developing an education program on urban wildlife rehabilitation and coexistence that was presented over 100 times throughout Southern Arizona. Before animal welfare, Angeline dedicated her time to the hospital bedside providing art therapy to children coping with serious illnesses. Angeline has earned multiple citizen achievement awards recognizing her efforts and compassion to help people and animals.

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**Various Aspects of the Sonoran Desert Tortoise**

**Subject Area:** Arizona History/Culture, Science/Math/Technology

**Tuesdays:** Single Session 1:00 PM - 2:30 PM  
Start: Tue 10/4/22  
End: Tue 10/4/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**

This presentation will cover various aspects of the Sonoran Desert Tortoise: from AZ laws to many fun facts of interest, reproduction, diet etc., and what it is like to have a tortoise living in our house. The goal is to have attendees leave with more knowledge about and an increased appreciation for these wonderful creatures.

Instructor: Philip Schilke

Phil Schilke is a retiree of Ford Motor Company after 30 years of service. He has both a BS and an MS in Mechanical Engineering. He retired in 2002. He and his wife, Margie, have been full-time residents of Green Valley for 14 years.

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**Investigating Law Enforcement In-Custody Deaths**

**Subject Area:** Civic Engagement/Community/Government, History/Current Events

**Tuesdays:** 4 Sessions 1:00 PM - 2:30 PM  
Start: Tue 10/11/22  
End: Tue 11/1/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 25

**Course Description**

Each year approximately 1,000 people are shot and killed by police. In this course, my primary goal is to describe the process and the adjudicating factors involved in investigating these shooting deaths. I will separate the facts from fictional reporting or myths for several of the higher-profile incidents. I will not be
showing images or videos of any incidents. The class is designed to be informative and not a forum for debating related social issues. That could be a topic for the spring 2023 semester.

Instructor: David Grabelski

Dave has 45 years of tactical and strategic intelligence experience in the law enforcement and intelligence communities at the local, federal, international, and university/college levels. In his first career, he served 21 years with the Los Angeles Police Department including assignments as a Senior Homicide Detective and Gang Unit Supervisor. His second career was as a Gangs/Drugs/Violence analyst/Instructor for the US Department of Justice / National Drug Intelligence Center. Dave recently retired as the Chair and Assistant Professor of the Mercyhurst University's Tom Ridge School of Intelligence Studies in Erie, PA. He holds advanced degrees from Pennsylvania State University and Pepperdine University. Dave and his wife Kitty currently reside in Vail, AZ.

Financial Trends Which May Affect Your Financial Future: Updated

Subject Area: DIY/Self-Help

Tuesdays: 2 Sessions 9:00 AM - 10:30 AM  Start: Tue 11/8/22  End: Tue 11/15/22

Location: Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago Class Size: 30

Course Description

For some time, I have thought there are several long-term trends that I believe will affect our financial futures. This is an updated version of a class I first led in early 2020 before the pandemic. Most of us, for good reason, think and plan for our future. But often do not spend much, if any time, thinking about long-term trends which may affect our future. I would suggest the trends we discussed in early 2020 are not only continuing but in some cases intensifying. Finally, we will discuss how the trends may affect you financially.

Instructor: Doyle Ranstrom

Doyle Ranstrom is a CFP, who also has a master's in financial planning and 40+ years of experience in the financial service industry. He sold his firm at the end of 2016 and started a consulting company. His website www.doylearanstrom.com both contains his bio and articles written primarily by himself.

History and Investigation of School Mass Shootings

Subject Area: Civic Engagement/Community/Government, History/Current Events

Tuesdays: 2 Sessions 1:00 PM - 2:30 PM  Start: Tue 11/8/22  End: Tue 11/15/22

Location: Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago Class Size: 30

Course Description

A review of significant US school shootings. Then a look under and beyond the "Do Not Cross" yellow tape of the Texas Elementary School shooting. Dave will reveal what entails an investigation into a mass killing. This class will detail how the investigators process and analyze the crime scene, the forensics, the victims/witnesses, and the suspect. This presentation will emphasize the investigation but not the related social/political issues. That would be a different topic for another day.

Instructor: David Grabelski

Dave has 45 years of tactical and strategic intelligence experience in the law enforcement and intelligence communities at the local, federal, international, and university/college levels. In his first career, he served 21 years with the Los Angeles Police Department including assignments as a Senior Homicide Detective and Gang Unit Supervisor. His second career was as a Gangs/Drugs/Violence analyst/Instructor for the US Department of Justice / National Drug Intelligence Center. Dave recently retired as the Chair and Assistant Professor of the Mercyhurst University's Tom Ridge School of Intelligence Studies in Erie, PA. He holds advanced degrees from Pennsylvania State University and Pepperdine University. Dave and his wife Kitty currently reside in Vail, AZ.
Thursdays

**Development from Conception to Kindergarten: A Primer for Grandparents**

**Subject Area:** Health/Wellness, Literature/Writing/Language, Science/Math/Technology

**Thursdays:** 3 Sessions 9:00 AM - 10:30 AM  
**Start:** Thu 9/29/22  
**End:** Thu 10/13/22  
**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**

You matter to "your grandchildren", whether they are a future hope or a present reality, belong to your relatives or to others in your community. Grandparents can provide knowledge and wisdom, emotional and fiscal support as well as childcare and fun. They are often the leaders and sustainers in evolving the "village" in which pregnant mothers and young children can thrive. Your own role in nurturing our youngest may be as a community leader or privately helping with childcare, sharing information, and giving quiet support. If you are close enough to blow bubbles together - to respond caringly to the tears and laughter of "your" infant, toddler, or preschooler - you are helping build the architecture of that young brain.

This three-session presentation is based on current research. It will look at the amazing phenomena of the early development of the brain, relationships, and language with consideration of what endangers and what supports that development. Dorothy Johnson, MD, FAAP, will bring you up to speed with the science of prenatal and early child development, and guide you to the remarkable resources for families of infants and young children that are provided through Arizona's First Things First. The format is a lecture with time for questions.

**Instructor:** Dorothy Johnson

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**History of Tucson: As Told by a Seventh-Generation Tucsonan**

**Subject Area:** Arizona History/Culture

**Thursdays:** 2 Sessions 11:00 AM - 12:30 PM  
**Start:** Thu 9/29/22  
**End:** Thu 10/6/22  
**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**

**Session 1:** History of the Santa Cruz River in Tucson

The Santa Cruz River has provided a lifeline for the Tucson Basin for millennia and been integral to the flourishing civilization that has taken place over that time. In this class, you will learn how the river enabled and sustained one of the oldest continuously inhabited sites in North America, how it has changed since the mid-19th century, and learn about the people and events that led to its current state.

**Session 2:** History of Tucson from 1775-1912

The Tucson Basin is one of the oldest continuously inhabited sites in North America, and has been home to Native American, Spanish, Mexican and American civilizations for over 4,000 years. In this talk, you will learn about the building of the Royal Spanish Presidio, the Mexican Period, the early American Era, our time as the Confederate State of Arizona, the arrival of the railroad, and many other formative events. You'll walk away with
a deeper appreciation of the people and events who helped shape this unique and modern multicultural city.

Instructor: Mauro Trejo

Mauro Trejo is a Board Member of the Tucson Presidio Trust, and a docent of the Tucson Presidio Museum. He is also proud to be a 7th generation Tucsonan, with family roots going back as far as Tucson’s Royal Spanish Presidio circa 1780. From a young age, Mauro’s grandfather would spend countless hours telling him about the people, places, daily life, and rich history of early Tucson. This led to a lifelong fascination with every aspect of this city’s history, a persistent drive to learn more, and a passion for sharing it with others.

Eye-Popping Astronomy (Without Any Math!)

Subject Area: Science/Math/Technology

Thursdays: 4 Sessions 1:00 PM - 2:30 PM  
Start: Thu 9/29/22  
End: Thu 10/20/22

Location: Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
Class Size: 50

Course Description

Eye-Popping Astronomy (Without Any Math!) is a series of presentations focusing on the awesome beauty that exists everywhere in our amazing universe.

Session 1: Cruising Through the Solar System... a visually stunning tour of the Sun, planets, moons, asteroids, and comets in our solar system... with photos and videos from numerous spacecraft showing their surfaces and relative sizes compared with our Earth.

Session 2: Cruising Through the Cosmos...utterly mindboggling views and explanations of interstellar molecular clouds, stars and star clusters, supernova remnants, planetary nebulae, and galaxies beyond our own Milky Way... as revealed by the Hubble Space Telescope.

Session 3: Cruising to the Moon... a fascinating examination of our nearest neighbor in space, and how it inspired that "One Giant Leap for Mankind."

Session 4: Cruising with the Comets and Meteors... an intriguing survey of various comets and meteors, the different types of meteorites, and the impact craters they sometimes leave behind.

Instructor: Fred Cink

Fred J. Cink is a former Army Aviator, and retired Naval Aviator with thousands of hours of flight time in both rotary wing and fixed wing aircraft. His lifelong interest in military aviation is matched by a passion for all things related to astronomy and space exploration. In 2018 he was hired by AURA, the Association of Universities for Research in Astronomy in Tucson, Arizona, to share his knowledge of astronomy with visitors at Kitt Peak National Observatory.

TEP Home Energizer Workshop

Subject Area: DIY/Self-Help

Thursdays: Single Session 11:00 AM - 12:30 PM  
Start: Thu 10/13/22  
End: Thu 10/13/22

Location: Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
Class Size: 50

Course Description

Want to learn how to save energy, and money, at home? Want to receive a kit filled with energy efficiency devices for FREE? Attend the Home Energizer Workshop! Learn free and low-cost energy efficiency measures you can implement at home to save energy and money! All workshop participants will receive a free Energy Efficiency Kit worth more than $40 that includes LED lightbulbs, a low-flow showerhead, faucet aerators, and more. The workshop is offered for free, courtesy of TEP.

Instructors: Adam Kingery, Jonathan Heras

Adam Kingery was a classroom teacher in Arizona for 13 years before joining the Exchange as an outreach presenter in 2016. For many of those years, Adam’s students benefited from the programs offered by the Exchange. Adam holds a master’s degree in Educational Leadership and has an undergraduate degree in Political Science from the University of Arizona, as well as a teaching certificate from Prescott College. He manages the logistics and team of energy presenters for the Bright Students middle school program and the Home Energizer Workshop for both Tucson Electric Power and
Unisource Energy Services. Adam also assists with curriculum revisions and new program development.

Jonathan Heras has been presenting energy-related education courses for the Environmental Education Exchange for over 3 years, to elementary, middle, and high school-aged students, as well as to adults throughout Arizona! He also acts and helps develop programming at Borderlands Theater and the Gaslight Theater in Tucson.

**Pioneers, Cowboys, Outlaws, and Lawmen of the American West**

**Subject Area:** Arizona History/Culture

**Thursdays:** 5 Sessions 9:00 AM - 10:30 AM  
**Start:** Thu 10/20/22  
**End:** Thu 11/17/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**
A refuge for outlaws of all types from simple thieves and con men and women to murderers at the close of the 1800s, the American West was a wild, lawless land of greedy feuds, brutal killings, and figures of enduring legend. These individuals included heroes as well as killers, and some were considered both. The class will attempt to bring to life a real picture of the American West from Texas to California and Arizona to Montana. We will cover the history of the American West, cowboys and the long drive, famous women outlaws, and finally probably the most famous outlaw Billy the Kid.

Instructor: Jerry Howell

Jerry Howell has taught OLLI classes for over 5 years. He has 46 years of teaching experience at the high school and college level. He received his B.A, from San Jose State University, M.S. from Cal Poly, San Luis Obispo, and Ph.D. from Oregon State University. His teaching experience has included graduate-level courses and Advanced Placement in U.S. History, Human Geography and World History.

**Levi's and Lace: Women Who Made History In Arizona**

**Subject Area:** Arizona History/Culture

**Thursdays:** 3 Sessions 11:00 AM - 12:30 PM  
**Start:** Thu 10/20/22  
**End:** Thu 11/3/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**
While these women may not be the most famous Arizona women, all made their mark on the early history of Arizona as it became a territory and a young state. The women are recognized for their fortitude in the face of adversity, their confrontation of extraordinary and sometimes dangerous situations, their adventuresome spirit, and their dedication to improving the lives of others.

Class sessions will highlight women of the land, women who healed and saved lives, women entrepreneurs, women who educated, women of the arts, or women of the law.

Instructor: Patricia Howell, Ed.D.

Patricia Howell has taught OLLI classes and hosted field trips for the Southeast OLLI Campus for three years. She has 40 years of teaching and education administration experience at the high school and college level. Patricia received her B.S. and M.S. from Chadron State College in Nebraska and Ed.D. from Portland State University in Oregon. She has served as a high school assistant principal and principal, assistant superintendent of curriculum and instruction, and superintendent of schools.
Wild West Women

**Subject Area:** History/Current Events

**Thursdays:** 2 Sessions 11:00 AM - 12:30 PM  
**Start:** Thu 11/10/22  
**End:** Thu 11/17/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**

The Wild West Women class will highlight true stories of the pioneering wives, mothers, daughters, teachers, writers, entrepreneurs, and artists who shaped the frontier and helped change the face of American history. These women are not as famous or as well-known as Big Nose Kate, Calamity Jane, Annie Oakley, or Belle Starr. They may even be considered "ordinary" women, but their many accomplishments are extraordinary. The indomitable spirit of these women, combined with their intellect, passion, and talent spurred them on to overcome challenges and become an inspiration to many.

**Instructor:** Patricia Howell, Ed.D.

Patricia Howell has taught OLLI classes and hosted field trips for the Southeast OLLI Campus for three years. She has 40 years of teaching and education administration experience at the high school and college level. Patricia received her B.S. and M.S. from Chadron State College in Nebraska and Ed.D. from Portland State University in Oregon. She has served as a high school assistant principal and principal, assistant superintendent of curriculum and instruction, and superintendent of schools.

Arizona End of Life Options

**Subject Area:** Civic  
Engagement/Community/Government,  
History/Current Events

**Thursdays:** 2 Sessions 1:00 PM - 2:30 PM  
**Start:** Thu 11/10/22  
**End:** Thu 11/17/22

**Location:** Santa Cruz Room - Lodge at Del Webb, Rancho Del Lago  
**Class Size:** 50

**Course Description**

This class briefly explores the rich history of the death with dignity movement for the last three decades. Bringing it to the present, it will cover current end-of-life options including medical aid in dying (MAID), which is not yet available in Arizona. MAID is legal in 10 states plus Washington DC as of 2021. We'll take a deep dive into the details of the law including the "Oregon Model" passed in 1994 vs. the New Mexico law passed in 2021, the safeguards and qualifications, the views of the proponents and the voice of the opposition. This is a topic often misunderstood by voters and lawmakers alike. Great advances have been made in healthcare, but the mortality rate is still 100%. Come enjoy some stimulating conversations about death and dying and our end-of-life options in a safe and respectful environment.

**Instructor:** Mary Ganapol

Mary Ganapol moved to Tucson in 1996 from San Francisco. She retired after her two Arizona careers: contract investigator for OPM (12 years) and franchise owner in Green Valley for a senior care business Seniors Helping Seniors (5 years). She became interested in death with dignity after her former spouse died as a quadriplegic due to cancer. She has researched the right-to-die movement extensively and finds it thought-provoking. She serves on the board of Arizona End of Life Options, the League of Women Voters of Greater Tucson, and Secular AZ.
Field Trips

Mondays

Wine Tasting at Charron Vineyards and Winery

Subject Area: Arts/Culture, Crafts/Cooking, Travel/Entertainment

Mondays: Single Session 12:00 PM - 2:00 PM  
Start: Mon 9/26/22  
End: Mon 9/26/22

Location: Charron Vineyards and Winery  
Class Size: 50  
Additional Costs: $12 per person for wine tasting. Other food items available at additional cost.

Course Description
Visit Tucson’s closest winery and enjoy handcrafted Arizona wines with spectacular mountain views. Charron Vineyards is a small family-owned winery located less than 30-minute drive from downtown Tucson. Established in 1995, Charron Vineyards produces many distinctive wines including their award-winning White Merlot. At Charron you are encouraged to relax while each hand-crafted wine is brought to your table and your knowledgeable server explains the wine's journey from grape to glass. There are also gourmet picnic baskets available to enjoy while you sip, and a delightful wine themed gift shop. The wide selection of wines produced at Charron have a characteristic style imparted by the environment in which they are produced. The higher elevation overlooking the rolling slopes of the Santa Rita and Empire Mountains brings fresh mountain air, rich soil, and an essence of tranquility. Be sure to visit one of the oldest, most picturesque wineries in the state, with a beautiful new tasting room. Colton Noble and Sarah Wolff are the owners of Charron Vineyards. Local Vail, AZ residents, the pair have been coming to Charron Vineyards as customers since 2013 and consider Charron as their "Neighborhood Winery". Colton and Sarah share responsibilities of farming Charron’s five acres of grapes, making great wine, and ensuring that everyone that comes to the Vineyard feels at home and part of the family.

Instructor: Myrna Feldman  
Field trip organizer.

Birding at Sweetwater Wetlands in Tucson (November)

Subject Area: Science/Math/Technology

Mondays: Single Session 7:30 AM - 9:30 AM  
Start: Mon 11/14/22  
End: Mon 11/14/22

Location: Sweetwater Wetlands Park  
Class Size: 20

Course Description
Join OLLI friends for some guided birdwatching! This single session field trip is at Sweetwater Wetlands in Tucson, an easy-to-find birding "hotspot" with free parking and walking trails. It’s a constructed wetland environment that’s linked with a nearby water reclamation facility, and its ponds, marshes, and desert scrub habitats attract a variety of birds. Be sure to bring binoculars if you have them. If you enjoy using Merlin and eBird tech tools, Laura does too, and she can answer your questions about using these while we're birding.

Drive your own car, park for free, and be there by 7:30 am sharp (they don't call them early birds for nothing). Wear sturdy flat shoes and a hat, and plan to walk around slowly for about 2 hours (OK to leave early, we won't go far). Participate in this in-person event at your own risk per OLLI's policy for in-person activities: vaccination is encouraged, and masks are optional (we'll be outside the whole time).

Instructors: Laura Couchman, Bill Couchman

Laura Couchman and her husband Bill, both OLLI members, have been co-leaders for previous OLLI online birding classes and field trips. Bill started birding at age 7 in Nature Camp. Laura has been a birder for 18 years and is a volunteer birthing field trip leader with the Tucson Audubon Society.
Tuesdays

**Fox Tucson Theatre Historical Tour**

**Subject Area:** Arizona History/Culture, Arts/Culture, History/Current Events, Science/Math/Technology, Travel/Entertainment

**Tuesdays:** Single Session 11:00 AM - 12:30 PM
**Start:** Tue 11/29/22  **End:** Tue 11/29/22

**Location:** Fox Tucson Theatre Foundation  **Class Size:** 30  
**Additional Costs:** $5-$20 donation requested to support the Fox's outreach and education work

**Course Description**
Get up close and personal with our beautiful and highly unique 1930's Southwestern Art Deco theatre. Whether in lounges or lobbies, the stage or dressing rooms, each space opens an experiential window into history. We'll explore Tucson's past, spectacular feats of construction and restoration, the history of showbiz in the US, and the marvels of a top-notch working theatre. You'll learn about and get to take a look at our newly restored Mighty Wurlitzer Organ, and you may even meet a resident ghost or two. The Fox is a non-profit theatre, and we ask for a small ($5-$20) donation from attendees to help support its education and outreach work. Any donations will be collected at the start of the tour. Also, please note that the Fox is a historic building and unfortunately does not have elevators. This tour will involve traversing a number of stairs.

**Instructor:** Jordan Wiley-Hill
Jordan Wiley-Hill is a professional storyteller, educator, and program developer. He manages the education and outreach activities for the historic Fox Tucson Theatre. A dynamic presenter, he draws heavily on his background in performance art and education, alongside a deep passion for the topics he shares.

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Wednesdays

**Let's Get Together and Cook! (How about a Delicious, Healthy, and Gluten-Free Meal?)**

**Subject Area:** Crafts/Cooking, Health/Wellness

**Wednesdays:** Single Session 10:00 AM - 12:30 PM
**Start:** Wed 10/12/22  **End:** Wed 10/12/22

**Location:** Natural Grocers Community Room  **Class Size:** 12  
**Additional Costs:** $10.00 per person to cover the food cost

**Course Description**
For lovers of Greek and Middle Eastern cuisine...this class will be an in-person cooking demonstration of how to prepare the simple classics: Hummus, Tabbouleh, Baba Ghanoush, Falafel, Greek Salad, and a special Greek dessert made with walnuts and honey---but not Baklava! This menu happens to be gluten-free, although you don't need to be gluten-intolerant to enjoy each of the dishes! There will be a $10 per person charge to cover the cost of the food. Masks are not mandatory.

**Location:** Natural Grocers 6320 N Oracle Rd. (Just south of Orange Grove Rd.)

**Instructors:** Judith Rockey, Sidney Engs
Judith is recently retired and enjoys dark room photography and taking classes at OLLI.
Sidney is a longtime resident of Tucson. Because of her love of cooking, she has participated in several local cooking events, most recently the inaugural event for the new Africa in the Americas Garden at Mission Garden. In addition, she has been a volunteer at Mission Garden for the past 8 years. She also participated in a YouTube video with the 2020 Tucson Meet Yourself titled Culture Kitchen African Heritage Foodways in Southern Arizona. She also enjoys backyard gardening and cooking.
Fridays

**Birding at Historic Canoa Ranch in Green Valley**

**Subject Area:** Science/Math/Technology  
**Fridays:** Single Session 7:30 AM - 9:30 AM  
**Start:** Fri 9/16/22  
**End:** Fri 9/16/22  
**Location:** Canoa Ranch Conservation Park  
**Class Size:** 20  

**Course Description**

Join OLLI friends for some guided birdwatching! This single session field trip is at Historic Canoa Ranch in Green Valley, an easy-to-find birding "hotspot" with free parking, smooth and level walking trails, and a natural environment that attracts a variety of birds. Be sure to bring binoculars if you have them. If you enjoy using Merlin and eBird tech tools, Laura does too, and she can answer your questions about using these while we're birding. Drive your own car, park for free, and be there by 7:30 am sharp (they don't call them early birds for nothing). Wear sturdy flat shoes and a hat, and plan to walk around slowly for about 2 hours (OK to leave early, we won't go far). Participate in this in-person event at your own risk per OLLI's policy for in-person activities: vaccination is encouraged, and masks are optional (we'll be outside the whole time).

Instructors: Laura Couchman, Bill Couchman  
Laura Couchman and her husband Bill, both OLLI members, have been co-leaders for previous OLLI online birding classes and field trips. Bill started birding at age 7 in Nature Camp. Laura has been a birder for 18 years and is a volunteer birding field trip leader with the Tucson Audubon Society.

**Mission Garden Fall Tour: Explore Tucson's Birthplace**  
**Subject Area:** Arizona History/Culture  
**Fridays:** Single Session 10:00 AM - 11:30 AM  
**Start:** Fri 9/23/22  
**End:** Fri 9/23/22  
**Location:** Tucson Mission Garden  
**Class Size:** 30  

**Course Description**

Our Spring Tour was so well received, and because there were several on the waiting list...here is another opportunity for others to visit this lovely garden! Did you know that Mission Garden is a 4,000-year-old living museum, with the longest agricultural history of any place in the country? Do you know how our city of Tucson got its name? Do you know why UNESCO named Tucson a "City of Gastronomy?" In fact, only two cities in the United States have received this designation. Can you name the other one? Whether you are interested in food, anthropology, cultural history and preservation, or heritage gardening, this very informative class is for you! Please bring $5.00 for the standard per-person donation. Mission Garden's location and other information will be sent to participants one week prior to the field trip.

Instructor: Judith Rockey  
Judith is recently retired and enjoys dark room photography and taking classes at OLLI.

**Tour of the Empire-Vail Ranch**  
**Subject Area:** Arizona History/Culture  
**Fridays:** Single Session 10:00 AM - 11:30 AM  
**Start:** Fri 9/23/22  
**End:** Fri 9/23/22  
**Location:** Empire Ranch  
**Class Size:** 20  

**Additional Costs:** Donation requested to support Empire Ranch.

**Course Description**

The historic Empire Ranch has been a working cattle ranch for 140 years. Its rich history includes successive ownership by two prominent ranching families, two corporations, and finally by the federal government on behalf of the public. In 1876 the ranch was acquired for $2,000 by Walter L. Vail, for whom Vail, AZ is named. This short walking tour will consist of a docent guided tour of the 22-room adobe and wood frame building starting with an 18-minute video. After the tour visitors will be able to drive throughout the ranch. Favorite
visitor activities include wildlife viewing, picnicking, hiking, mountain biking, horseback riding, historic site touring, hunting, photography, and scenic drives. There are no picnic tables/chairs; visitors may bring their own. The ranch is on US Route 83 approx. 22 miles south of Vail, AZ.

Instructor: David Grabelski

Dave has 45 years of tactical and strategic intelligence experience in the law enforcement and intelligence communities at the local, federal, international, and university/college levels. In his first career, he served 21 years with the Los Angeles Police Department including assignments as a Senior Homicide Detective and Gang Unit Supervisor. His second career was as a Gangs/Drugs/Violence analyst/Instructor for the US Department of Justice / National Drug Intelligence Center. Dave recently retired as the Chair and Assistant Professor of the Mercyhurst University's Tom Ridge School of Intelligence Studies in Erie, PA. He holds advanced degrees from Pennsylvania State University and Pepperdine University. Dave and his wife Kitty currently reside in Vail, AZ.

Museums and Lunch I

Subject Area: Arts/Culture

Fridays: Single Session 10:00 AM - 1:00 PM    Start: Fri 10/7/22    End: Fri 10/7/22
Location: Tucson Museum of Art    Class Size: 20
Additional Costs: Tour members are responsible for museum ticket costs (if any) and lunch cost.

Course Description

Join SGLs Jo and Ann as we sample some of Tucson’s great museums and fine restaurants! This is the first in a series of four museum and lunch trips. Friday, October 7, 10:00 am to 1:00 pm. Museums - Tucson Museum of Art (140 N. Main Avenue) and UA Gem and Mineral Museum (115 N. Church Avenue). Restaurant - Cafe a La C’Art (150 N. Main Avenue). Museum ticket costs (if any) and lunch cost are the responsibility of the OLLI member.

Instructors: Josephine Kelleher, Ann Tai

Dr. Josephine Kelleher is a retired educator who has been studying Spanish for the past five years at OLLI. In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor's degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

An OLLI/UA member since 2019, Ann has been a volunteer with the Membership and Outreach Committee and Tech Hosting for On-Line Study Groups. She moved to Tucson from Michigan where before retiring she was Program Coordinator for OLLI at the University of Michigan Ann Arbor.

Birding at Sweetwater Wetlands in Tucson (October)

Subject Area: Science/Math/Technology

Fridays: Single Session 7:30 AM - 9:30 AM    Start: Fri 10/14/22    End: Fri 10/14/22
Location: Sweetwater Wetlands Park    Class Size: 20

Course Description

Join OLLI friends for some guided birdwatching! This single session field trip is at Sweetwater Wetlands in Tucson, an easy-to-find birding "hotspot" with free parking and walking trails. It's a constructed wetland environment that's linked with a nearby water reclamation facility, and its ponds, marshes, and desert scrub habitats attract a variety of birds. Be sure to bring binoculars if you have them. If you enjoy using Merlin and eBird tech tools, Laura does too, and she can answer your questions about using these while we're birding. Drive your own car, park for free, and be there by 7:30 am sharp (they don't call them early birds for nothing). Wear sturdy flat shoes and a hat, and plan to walk around slowly for about 2 hours (OK to leave early, we won't go far). Participate in this in-person event at your own risk per OLLI's policy for in-person activities: vaccination is encouraged, and masks are optional (we'll be outside the whole time).

Phone: 520.626.9039    Email: ollimail@arizona.edu    Website: www.OLLI.arizona.edu
Instructors: Laura Couchman, Bill Couchman
Laura Couchman and her husband Bill, both OLLI members, have been co-leaders for previous OLLI online birding classes and field trips. Bill started birding at age 7 in Nature Camp. Laura has been a birder for 18 years and is a volunteer birding field trip leader with the Tucson Audubon Society.

**Museums and Lunch II**

**Subject Area:** Arts/Culture

**Fridays:** Single Session 10:00 AM - 1:00 PM  
**Start:** Fri 10/21/22  
**End:** Fri 10/21/22

**Location:** The Mini Time Machine Museum of Miniatures  
**Class Size:** 20  
**Additional Costs:** Tour members are responsible for museum ticket costs (if any) and lunch cost.

**Course Description**

Join SGLs Jo and Ann as we sample some of Tucson's great museums and fine restaurants! This is the second in a series of four museum and restaurant tours. Friday, October 21, 10:00 am to 1:00 pm. Museums - Mini Time Museum and Ignite Sign Museum. Lunch - Flora's Market Run. Tour members are responsible for museum ticket costs (if any) and lunch cost.

Instructors: Josephine Kelleher, Ann Tai
In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor's degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

An OLLI/UA member since 2019, Ann has been a volunteer with the Membership and Outreach Committee and Tech Hosting for On-Line Study Groups. She moved to Tucson from Michigan where before retiring she was Program Coordinator for OLLI at the University of Michigan Ann Arbor.

**Museums and Lunch III**

**Subject Area:** Arts/Culture

**Fridays:** Single Session 10:00 AM - 1:00 PM  
**Start:** Fri 11/4/22  
**End:** Fri 11/4/22

**Location:** MOCA: Museum of Contemporary Art Tucson  
**Class Size:** 20  
**Additional Costs:** Tour members are responsible for museum ticket costs (if any) and lunch cost.

**Course Description**

Join SGLs Jo and Ann as we sample some of Tucson's great museums and fine restaurants! This is the third in a series of four museum and restaurant tours. Friday, November 4, 10:00 am to 1:00 pm. Museums - Museum of Contemporary Art (MOCA) and Etherton Gallery. Lunch - El Minuto. Tour members are responsible for museum ticket costs (if any) and lunch cost.

Instructors: Josephine Kelleher, Ann Tai
In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor's degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

An OLLI/UA member since 2019, Ann has been a volunteer with the Membership and Outreach Committee and Tech Hosting for On-Line Study Groups. She moved to Tucson from Michigan where before retiring she was Program Coordinator for OLLI at the University of Michigan Ann Arbor.

**Museums and Lunch IV**

**Subject Area:** Arts/Culture

**Fridays:** Single Session 10:00 AM - 1:00 PM  
**Start:** Fri 11/18/22  
**End:** Fri 11/18/22

**Location:** Arizona History Museum  
**Class Size:** 20  
**Additional Costs:** Tour members are responsible for museum ticket costs (if any) and lunch cost.

Instructors: Josephine Kelleher, Ann Tai
In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor's degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

An OLLI/UA member since 2019, Ann has been a volunteer with the Membership and Outreach Committee and Tech Hosting for On-Line Study Groups. She moved to Tucson from Michigan where before retiring she was Program Coordinator for OLLI at the University of Michigan Ann Arbor.
Course Description
Join SGLs Jo and Ann as we sample some of Tucson’s great museums and fine restaurants! This is the fourth in a series of four museum and restaurant tours. Friday, November 18, 10:00 am to 1:00 pm. Museums - Arizona History Museum and Southern Arizona Transportation Museum. Lunch - The Monica. Tour members are responsible for museum ticket costs (if any) and lunch cost.

Instructors: Josephine Kelleher, Ann Tai
Dr. Josephine Kelleher is a retired educator who has been studying Spanish for the past five years at OLLI. In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor’s degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

An OLLI/UA member since 2019, Ann has been a volunteer with the Membership and Outreach Committee and Tech Hosting for On-Line Study Groups. She moved to Tucson from Michigan where before retiring she was Program Coordinator for OLLI at the University of Michigan Ann Arbor.
Online Classes

Mondays

**Gentle Energizing Movement, Breathing and Relaxation**

**Subject Area:** Health/Wellness, Philosophy/Spirituality/Religion

**Mondays:** 12 Sessions 9:00 AM - 10:30 AM  
**Start:** Mon 9/12/22  
**End:** Mon 12/5/22 - No Class Week of Thanksgiving  
**Location:** Online Zoom Offering 2  
**Class Size:** 300

**Course Description**

Let go of stress and come home to yourself. Over millennia, the sages of the Himalayan Yoga Tradition developed highly effective methods of movement, relaxation, and meditation. In this Study Group (SG) you will learn foundational practices from the Himalayan Yoga Tradition. Each session of this SG will have three phases: gentle movement and breathing, deep relaxation, and meditation. Members can expect to leave this class refreshed. Please note that the movements taught in this SG are not acrobatics. They are suitable for people with no yoga experience. If you've attended yoga classes and found them to be too strenuous or otherwise challenging, this SG is for you.

Instructor: Randall Krause

Randall Krause served many years as an attorney and conflict resolution facilitator. Later, he studied counseling and received a M.A. in interdisciplinary consciousness studies with an emphasis in holistic health counseling, was certified and served as a personal coach and mentor. He studied Effective Communication intensively and also studied The Gremlin Taming Method for more than 10 years. In addition, Randall is a senior mentor and teacher in the Himalayan yoga meditation tradition and is registered with Yoga Alliance (YA) as an Experienced Yoga Teacher and a Continuing Yoga Education Provider.

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**News and Views with Sherry and Doug**

**Subject Area:** Civic Engagement/Community/Government, History/Current Events

**Mondays:** 12 Sessions 9:00 AM - 10:30 AM  
**Start:** Mon 9/12/22  
**End:** Mon 12/5/22 - No Class Week of Thanksgiving  
**Location:** Online Zoom Offering 3  
**Class Size:** 70

**Course Description**

Every week we pick and vote on topics to discuss. We like to discuss news from many different angles. So all civil opinions/views are welcome.

**News and Views Guidelines:**

1. We begin the class by soliciting topics from the students for possible discussion. Sometimes topics can be combined.
2. A list of all of the topics is created in order of suggestion.
3. A vote is taken for each suggested topic. Students can vote for as many topics as they wish to discuss.
4. The voting results will be immediately shown.
5. Topics are discussed by vote total (most to least) and in the event of a tie, either in order of suggestion or by SGL or group decision.
6. The person who suggested a topic will be given 1-2 minutes to present their topic, either in advance of the vote if the topic is not clear, or when the topic is up for discussion.
7. Important: We ask that everyone please keep your comments succinct - less than 3 minutes. Don’t ramble and please refrain from repeating yourself or others. We want everyone to be able to speak.
8. Everyone will get a chance to speak before someone is called on again for a given topic.

Instructors: Sherry Goncharsky, Doug Syme

Sherry Goncharsky worked at IBM as a programmer and systems engineer after studying computer science at the
Women in Islam: Past & Present!

Subject Area: History/Current Events, Philosophy/Spirituality/Religion

Mondays: 10 Sessions 9:00 AM - 10:30 AM  Start: Mon 9/12/22  End: Mon 11/14/22

Location: Online Zoom Offering 1  Class Size: 300

Course Description
The Quran (main source of Islamic Law) has prescribed a special status for women. The Hadith (Prophet Muhammad's sayings and actions) has reinforced that special status through teachings and specific practices. Over the years, traditions and various 'scholarly' and cultural influences (not dissimilar to Western practices) have led to a diminished and somewhat 'inferior' status of women in the Islamic world. This class will explain the basic Islamic principles, the roles and responsibilities of women through 14 centuries of Islam with specific examples of women who played a major role and made considerable contributions to the political, social and educational public life. We will conclude with a look at the present situation throughout the Islamic World, also with specific examples of modern days Muslim women.

Instructor: Samih Baalbaki
Born and raised in Lebanon (18 different religious & ethnic legally recognized communities), Samih retired as a lawyer after spending his last 17 years based in Dubai and traveling, on professional assignments, extensively to over 20 Muslim countries in the Middle East, North Africa, and southeast Asia. For the last 8 years, with OLLI@CCU as well as other educational institutions, Samih has taught courses on Islam, Middle Eastern politics, and current affairs. Samih is a native Arabic speaker. Passionate about teaching, Samih has taught 2 weekly Zoom classes throughout the Covid-19 confinement.

Gene Editing Will Change the Food We Eat

Subject Area: Science/Math/Technology

Mondays: 4 Sessions 3:00 PM - 5:00 PM  Start: Mon 9/12/22  End: Mon 10/3/22

Location: Online Zoom Offering 1  Class Size: 45

Course Description
Crops and food production are changing as farmers adapt to climate change and consumer demands in their attempt to feed a growing population sustainably and economically. New foods are being produced by gene editing tools, such as CRISPR. Learn more about this life-changing technology and what food will soon appear on our grocery shelves. Will you eagerly adopt or shun these products?

Instructor: Bryan McKersie
Bryan McKersie was a professor for 20 years at University of Guelph, Canada and then research manager with BASF in North Carolina for 15 years where he managed international research projects in plant biotechnology. He is a member and instructor at the Jacksonville chapter of OLLI in Florida.
Artificial Intelligence: How Smart Can It Get?

Subject Area: History/Current Events, Science/Math/Technology, Social Sciences

Mondays: 6 Sessions 11:00 AM - 12:30 PM  Start: Mon 10/3/22  End: Mon 11/7/22

Location: Online Zoom Offering 2  Class Size: 300

Course Description
Excitement about AI has waxed and waned since it became an academic discipline in the 1950s. Today, spurred by advances in computational power and supercharged by the pandemic, AI can be found in fields ranging from medicine to deep sea exploration to traffic management to legal decision-making. Advances in robotics and machine learning have been so dramatic as to raise the tantalizing (or terrifying!) possibility of robots attaining "general intelligence" equivalent or even superior to human intelligence. This SG will review the history of AI from the 1950s to the present. We'll survey some of its current and future applications including self-driving cars and artificial companions. Via video, we'll see state-of-the-art robots interacting with humans and with each other. We'll also discuss some of the moral and philosophical questions that arise as robots become increasingly human-like and ubiquitous. If AI were to cross some as yet undefined threshold of sentience, how would we recognize it? Is "sentience" the same as "intelligence"? What do we even mean by "intelligence"? More mundanely, how will AI impact jobs and everyday life?

Instructor: Elena Berman

Elena Berman has a PhD in Linguistics and has been interested in artificial intelligence since she was a graduate student. She's broadly familiar with the topic and has been closely following recent developments in machine learning and communication.

TMA Docents Art Talks XIII

Subject Area: Arts/Culture

Mondays: 3 Sessions 11:00 AM - 12:30 PM  Start: Mon 10/3/22  End: Mon 10/17/22

Location: Online Zoom Offering 1  Class Size: 300

Course Description
OLLI will once again continue the highly popular series of Art Talks presented by Docents of the Tucson Museum of Art. These talks are researched and developed by individual docents and vetted by the Museum. This term we will present three talks. This is the thirteenth term we've presented this class, with all new talks once again.

Instructor: Dick Woodward

Dick is a frequent study group leader who has five previous versions of this class as well literature and drama classes.

Black American Art and Artists

Subject Area: Arts/Culture

Mondays: 6 Sessions 11:00 AM - 12:30 PM  Start: Mon 10/24/22  End: Mon 12/5/22 - No Class Week of Thanksgiving

Location: Online Zoom Offering 1  Class Size: 300

Course Description
From "ugly jugs" to presidential portraits, Black artists have contributed much to the creative life of the United States. As a nation, we are at last exploring this history and contributions of Black Americans to the visual arts. The artists and movements we'll explore in this class are as completely new to me as they probably are to you - nobody told us! Let's explore this exciting history together. We'll delve into the history, its contributing phenomena, and the forms Black American arts have taken. We'll focus on specific communities of artists, and individuals working in a variety of forms and media: fabric arts, ceramics, sculpture, painting, and printmaking.

Instructor: Isabel Aaronson

Phone: 520.626.9039  Email: ollimail@arizona.edu  Website: www.OLLI.arizona.edu
Isabel Aaronson is a former art teacher, museum buff and longtime member of OLLI-UA Tucson. She has led several previous art-related study groups.

**TEP Home Energizer Workshop**

**Subject Area:** Arizona History/Culture  
**Mondays:** Single Session 3:00 PM - 4:30 PM  
**Start:** Mon 11/7/22  
**End:** Mon 11/7/22  
**Location:** Online Zoom Offering 1  
**Class Size:** 45

Course Description

Want to learn how to save energy, and money, at home? Want to receive a kit filled with energy efficiency devices for FREE? Attend the Home Energizer Workshop! Learn free and low-cost energy efficiency measures you can implement at home to save energy and money! All workshop participants will receive a free Energy Efficiency Kit worth more than $40 that includes LED lightbulbs, a low-flow showerhead, faucet aerators, and more. The workshop is offered for free, courtesy of TEP.

Instructors: Adam Kingery, Jonathan Heras

Adam Kingery was a classroom teacher in Arizona for 13 years before joining the Exchange as an outreach presenter in 2016. For many of those years, Adam’s students benefited from the programs offered by the Exchange. Adam holds a master’s degree in Educational Leadership and has an undergraduate degree in Political Science from the University of Arizona, as well as a teaching certificate from Prescott College. He manages the logistics and team of energy presenters for the Bright Students middle school program and the Home Energizer Workshop for both Tucson Electric Power and Unisource Energy Services. Adam also assists with curriculum revisions and new program development.

Jonathan Heras has been presenting energy-related education courses for the Environmental Education Exchange for over 3 years, to elementary, middle, and high school-aged students, as well as to adults throughout Arizona! He also acts and helps develop programming at Borderlands Theater and the Gaslight Theater in Tucson.

**Addressing a Controversial and Perplexing Phenomenon**

**Subject Area:** Science/Math/Technology  
**Mondays:** 2 Sessions 9:00 AM - 10:30 AM  
**Start:** Mon 11/28/22  
**End:** Mon 12/5/22  
**Location:** Online Zoom Offering 1  
**Class Size:** 300

Course Description

I have given two classes with this name (Summer and Monsoon). There will be some overlap, but the subject is vast, and I will discuss material not done in the other classes. There is considerable interest now in unidentified aerial phenomena (formally called UFOs). I'd like to examine this phenomenon without any preconceived ideas about their nature or source. There are many perplexing questions here and I'd like to address them in a balanced, objective manner.

Instructor: Carl DeVito

Carl DeVito is an emeritus professor at the University of Arizona. Lately he has been active in the conceptual aspects of astro-biology and participated in conferences on these matters over the past few years.

**Tuesdays**

**A Book Study: The Mysterious Workings of Our Immune System**

**Subject Area:** Health/Wellness, Science/Math/Technology  
**Tuesdays:** 12 Sessions 9:00 AM - 10:30 AM  
**Start:** Tue 9/13/22  
**End:** Tue 12/6/22 - No Class Week of Thanksgiving  
**Location:** Online Zoom Offering 1  
**Class Size:** 45

Additional Costs: As noted in the description, a book that costs $18-20 is required to be purchased by each enrollee.

Course Description
The main theme of this study group will be a "journey into the mysterious system that keeps you alive" which is the subtitle of the book Immune by Philipp Dettmer, the book which will serve as a basis for our study. The format of this study group is a discussion class. Philipp Dettmer is not an immunologist by training but is instead a (self-described) science communicator who attempts to present complex entities in an engaging and accessible way. The book is quite up to date as it was published early this year. It is the product of what Dettmer describes as over the last decade coming to a thorough understanding, and appreciation for the beauty, of how our immune system works. A main topic will be "what a virus does to you and how your body fights it". But responses to other infectious agents and injuries will be addressed as will autoimmunity and cancer-immune interactions. We will cover about 25 pages each session. The SGLs will provide additional materials to expand on the themes. One of the study group leaders is an immunologist and the other a physician scientist. Any OLLI members with expertise in related areas will be welcome additions as will those with little to no biology background. Dettmer's book was written especially for you. Study group members will be expected to purchase the book prior to beginning of class. The cost is about $18-$20. (We regret that it is not available in paperback as of this writing.)

Instructors: Marilyn Halonen, Gerald Fleischner
Marilyn Halonen is currently Professor Emerita of Pharmacology, University of Arizona, and is continuing to carry out research at the University as a volunteer faculty member in the Asthma and Airways Diseases Research Center and the Bio5 Institute. Before retiring in 2010, she taught classes at UA in Immunology and Inflammation, performed research and trained students in research related to immunity, allergy and asthma. She spent one year on sabbatical at NIH. For OLLI, she has led groups discussing "How Your Immune System Works", "The Meaning of Life" and "Dealing with the Aging Brain" and a co-group leader for "Evolution" and "Molecular Biology".

Gerald M. Fleischner, MD is a retired physician who spent 40 years teaching, caring for patients, and doing science at the Albert Einstein College of Medicine in the Bronx, NY. Early research training at Einstein was with the immunologist-virologist Dr. John B. Robbins and the hepatologist Dr. Irwin Arias. An unquenchable curiosity about the life process has him spending much time and effort in studying genomics and evolutionary science and how they intersect the medical literature. An OLLI member for over 12 years, he has served as SGL or co-SGL in courses involving the biological sciences and medicine.

**Future Perfect**

**Subject Area:** Science/Math/Technology

**Tuesdays:** Single Session 9:00 AM - 10:30 AM

**Start:** Tue 9/13/22  **End:** Tue 9/13/22

**Location:** Online Zoom Offering 2  **Class Size:** 300

**Course Description**

Remember the book "1984" and that was the future! How about 2000, the new Millennium, and that was the future! We've lived through all those futures, so, what's the next "future"? One thing we know, the pace of technological change has accelerated, hasn't it? Let's look ahead, not too far, maybe 10 years. We'll take a quick look back, just to set the stage. Remember how you did things prior to the smart phone? Now, what's likely to happen by, say, 2030, driven by technology? We'll look ahead at autos, airplanes, railroads, space travel, highways, healthcare, education, climate and environment, energy generation, etc. (Are you ready for pilot-less airliners?) Will this be "Future Perfect"?

Instructor: Douglas Stowell
Doug Stowell has been a Furman University OLLI instructor in Greenville, SC since 2015 and nationally with more than 40 OLLI's via ZOOM since 2018. His background is in corporate market research and public opinion polling. His career includes - Dir. of Market Research for the Xerox Corp., U.S. Client Director for the U.K. firm National Opinion Polling, Ltd. In London, and Senior Client Representative with Wirthlin Worldwide Polling in Washington, DC. He opened Market Resource Associates, in 2008, and continues today to conduct consumer and political issues surveys.
The Holocaust in Film: Discussion Group
Subject Area: Arts/Culture, History/Current Events
Tuesdays: 12 Sessions 11:00 AM - 12:30 PM  Start: Tue 9/13/22  End: Tue 12/6/22 - No Class Week of Thanksgiving
Location: Online Zoom Offering 1  Class Size: 300

Course Description
We will analyze a selection of films that depict aspects of the Holocaust through fictional film narratives which are character-driven and explore characters' perceptions and responses. We will consider how the stories reflect the experiences of Jewish people within the context of each film and within the larger historical context. Class members must watch the films on their own before each class. The class discussions are intended to be very interactive with everyone encouraged to participate. (This is not a lecture class.) Although this course was first taught in Spring 2022, we will be watching many different films than were in that course.

Instructor: Leslye Friedberg
Leslye L. Friedberg, Professor Emeritus, taught writing, literature, and humanities at Community College of Philadelphia and The University of Cincinnati. Her main areas of interest are interdisciplinary connections among film, literature, and art. For OLLI, she has taught film courses on The Holocaust in Film; The Screwball Comedy; and Film Noir.

Spanish for Beginners
Subject Area: Literature/ writing/Language
Tuesdays: 12 Sessions 1:00 PM - 2:30 PM  Start: Tue 9/13/22  End: Tue 12/6/22 - No Class Week of Thanksgiving
Location: Online Zoom Offering 1  Class Size: 30

Course Description
This class is for those with little to no exposure to Spanish. We will start with the alphabet, everyday vocabulary, and basic grammar, then move on to easy, short stories. I will provide the text via email.

Instructor: Josephine Kelleher
Dr. Josephine Kelleher is a retired educator who has been studying Spanish for the past five years at OLLI. In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor's degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

Survey of Forensic Science
Subject Area: Science/Math/Technology
Tuesdays: 2 Sessions 1:00 PM - 2:30 PM  Start: Tue 9/13/22  End: Tue 9/20/22
Location: Online Zoom Offering 2  Class Size: 300

Course Description
This class will cover many topics in forensic science and how they are used to solve crimes. Current and famous cases solved with forensic science will also be covered.

Instructor: Christian Wilson
Christian is a retired forensic scientist with 25 years of experience and adjunct faculty at Pima College and the University of Arizona.

Understanding Critical Race Theory
Subject Area: History/Current Events
Tuesdays: 3 Sessions 3:00 PM - 4:30 PM  Start: Tue 9/13/22  End: Tue 9/27/22
Location: Online Zoom Offering 1  Class Size: 300

Course Description
This class will be a repeat of my in-person Spring class. In Week 1 we will look at Critical Race Theory (CRT) from the viewpoints of its proponents. We will look at its founding as a legal theory and its evolution as it moved from law schools into the wider university community
and then into the broader society. In Week 2 we will listen to African American opponents of CRT to understand their views on how CRT can negatively impact the black community. In the first two weeks we will seek to listen, understand, and withhold judgment. Finally in Week 3, from a better-informed position, we will take each of the tenants of CRT and have an open discussion about our thoughts and feelings about CRT and its potential impact on American society.

Instructor: Ray Baxter

Ray Baxter is retired and has been living in Tucson since 2009. He was CEO of a $300 million food company for 22 years. He has also served for two years as Chairman and interim CEO of a rational process capability development and consulting company prior to his full retirement. He has a BA in political science and an MA in Japanese Area Studies from the University of Michigan and an MBA from the Harvard Business School. Currently, Ray is a volunteer with SCORE, providing pro bono mentoring and education for Tucson residents wanting to start a small business or improve their existing business. Ray's teaching experiences includes conducting numerous workshops on rational process capability, organization change management and leadership.

**Domestic Violence 101**

**Subject Area:** Civic Engagement/Community/Government, Health/Wellness, Social Sciences

**Tuesdays:** Single Session 9:00 AM - 10:30 AM  
**Start:** Tue 9/20/22  **End:** Tue 9/20/22  
**Location:** Online Zoom Offering 2  **Class Size:** 300

**Course Description**

Domestic violence is often considered a "private matter," but with more than 15,000 calls to 911 each year regarding domestic violence just in Tucson and Pima County - and only 1 in 10 incidents being reported - this is no private matter. Domestic violence is a public health and public safety issue, and right now survivors of domestic violence are experiencing a pandemic within a pandemic. The key to ending domestic violence is for all of us to talk about it, learn about, offer support to those experiencing it, and find our own ways to challenge and change the conditions that allow it to exist in our community. Come join a discussion about the scope and dynamics of intimate partner violence, ways to support abuse victims, and how we can address the societal foundations that serve as the root of gender-based violence.

Instructor: Ed Sakwa

Ed Sakwa is the CEO at Emerge Center Against Domestic Abuse and has worked in the domestic violence service field for 15 years.

**Classic Hatha Yoga**

**Subject Area:** Health/Wellness, Philosophy/Spirituality/Religion

**Tuesdays:** 8 Sessions 9:00 AM - 10:30 AM  
**Start:** Tue 9/27/22  **End:** Tue 11/15/22  
**Location:** Online Zoom Offering 2  **Class Size:** 300

**Course Description**

Join Helen Boyd in this classic floor yoga class to strengthen, add range of motion, and build awareness of yourself inside and out to add balance in your life, not just physically but mentally and spiritually as well. We will use classic yoga reclined, seated, and standing postures to attain these goals. All levels are welcome as long as you can get onto and off the floor. The equipment needed is a yoga-specific mat (not Pilates), yoga blocks, and a Mexican blanket for support of certain positions. You're welcome to bring anything else like a pillow or bolster.

Instructors: Helen Boyd, Matthew Boyd

Helen has been teaching Hatha yoga, the form of yoga that includes concentrating, breathing exercises, and postures, for 25 years, and has been certified with Yoga Alliance since its inception. Other styles of yoga she also offers are Yin, Vinyasa, and Restorative. She has taught in classrooms, in gyms, community college, and workshop settings to all age groups.

Matthew Boyd has been doing yoga for 50 years and practices regularly. While he has taken teacher training,
Writing a 'Legacy Letter'

**Subject Area:** Literature/Writing/Language

**Tuesdays:** Single Session 1:00 PM - 2:30 PM  
**Start:** Tue 9/27/22  
**End:** Tue 9/27/22

**Location:** Online Zoom Offering 2  
**Class Size:** 30

**Course Description**
A legacy letter (also called an "ethical will") is a written document that allows you to share your life lessons, express your values and transmit your blessings to future generations. A legacy letter is shorter than a memoir, typically just a few pages. Writing one is a rewarding experience that creates an enduring gift for family and friends. This one-session online workshop includes discussion and brief writing exercises to help you examine your life history, explore your values, and capture important insights. It offers advice, encouragement, and a model structure to help you draft and complete your own legacy letter.

Instructor: Jay Sherwin

Jay Sherwin created the Life Reflections Project to educate people about legacy letters, ethical wills, and other legacy documents. He has practiced law, given away money for five different charitable foundations, worked as a philanthropy consultant, and served as a hospital chaplain. He has extensive experience teaching and facilitating online learning programs, including recent presentations of this workshop for more than a dozen other Osher Lifelong Learning programs nationwide. More information is at [www.jaysherwin.com](http://www.jaysherwin.com)

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The Science of Preventing Alzheimer's Disease

**Subject Area:** Health/Wellness, Science/Math/Technology

**Tuesdays:** Single Session 1:00 PM - 2:30 PM  
**Start:** Tue 10/4/22  
**End:** Tue 10/4/22

**Location:** Online Zoom Offering 2  
**Class Size:** 300

**Course Description**
Can scientists find a way to stop Alzheimer's disease before it ever affects your memory and thinking? Research efforts to prevent the disease are now focused on individuals who may be at risk for Alzheimer’s but do not show any symptoms. This fascinating presentation will provide an overview of how Alzheimer's disease is defined before symptoms appear and how it is being used to develop preventative therapies.

Instructor: Mike Malek-Ahmadi

Mike Malek-Ahmadi is a Bioinformatics Scientist at the Banner Alzheimer's Institute in Phoenix, Arizona. Dr. Malek-Ahmadi earned a BS from the University of Arizona, an MS from the University of South Florida, and a Ph.D. from the University of Westminster. He was worked in the field of Alzheimer's disease research since 2003 and is an author of over 70 peer-reviewed journal articles in the areas of Alzheimer's disease, mild cognitive impairment, and normal aging. Dr. Malek-Ahmadi's current work focuses on identifying and characterizing pre-clinical Alzheimer's disease using clinical, cognitive, neuroimaging, and neuropathological data.
**Change A Child's Story: CASA of Pima County**

**Subject Area:** Civic Engagement/Community/Government  
**Tuesdays:** Single Session 3:00 PM - 4:30 PM  
**Start:** Tue 10/4/22  
**End:** Tue 10/4/22  
**Location:** Online Zoom Offering 1  
**Class Size:** 300

**Course Description**
Over 3,000 Pima County children are in foster care, through no fault of their own. Too often, these children are shuffled through our current system without experience a consistent, positive, adult relationship - someone who truly knows and understands them. Research has confirmed that just one positive adult relationship changes a child's outcome dramatically, thus providing for a brighter future. We know that every child in foster care deserves a Court Appointed Special Advocate (CASA) volunteer, but unfortunately not enough will be lucky enough to have one. CASA Volunteers are everyday people who are doing extraordinary things to help change a child's story. In this class, participants will learn about the child welfare system in Arizona, the realities for children in foster care, and how everyone can help these children succeed. Explore the potential of helping change a child's story!

Instructors: Amy Brandhuber, Natasha Sterzinger  
Amy Brandhuber is the CASA of Pima County Program Supervisor. She has been in this role for over four years. She has worked in child welfare for over 20 years. She has earned her master's in public administration and policy from American University in Washington, D.C.  
Amy is committed to improving the lives of Pima County's most vulnerable children, abused and/or neglected foster children and understands the difference one caring adult can make in a child's life now and in the future.  
Natasha Sterzinger has earned her Ph.D. in Educational Psychology from the University of Arizona and currently the Training Coordinator for Pima County CASA. She is a member of the American Psychological Association (APA), American Education Research Association (AERA), and the Western Positive Psychology Association (WPPA). She is passionate about making positive change in her local community.

**Wildlife of North America**

**Subject Area:** Science/Math/Technology  
**Tuesdays:** 2 Sessions 1:00 PM - 2:30 PM  
**Start:** Tue 10/11/22  
**End:** Tue 10/18/22  
**Location:** Online Zoom Offering 2  
**Class Size:** 300

**Course Description**
This class will cover the animals and plants living in North America as well as ecology and evolution.

Instructor: Christian Wilson  
Christian is a retired forensic scientist with 25 years experience and adjunct faculty at Pima College and the University of Arizona.

**Bob Dylan: Seven Essential Albums**

**Subject Area:** Arts/Culture, Travel/Entertainment  
**Tuesdays:** 2 Sessions 1:00 PM - 2:30 PM  
**Start:** Tue 11/1/22  
**End:** Tue 11/8/22  
**Location:** Online Zoom Offering 2  
**Class Size:** 30

**Course Description**
Bob Dylan is an American icon. At 81 years of age, he has recorded 39 studio albums, written over 500 songs, and performed live over 3500 times. Dylan has numerous accolades to his credit including 10 Grammy Awards, an Oscar, and a Golden Globe. He was awarded the Presidential Medal of Honor by Barack Obama and the 2016 Nobel Prize for Literature. He even has his own brand of whiskey, "Heaven's Door"! Dylan's lyrics emerge from his swirling vortex of knowledge about music, literature, history, and culture, making his music, and in this instructor's view, a portal into the vast landscape of human experience.

Given the breadth and depth of his life and career, how might we begin to discuss "His Bob-ness" in any meaningful way? It seems like a daunting task, especially in the space of only a few hours. So, let’s keep it relatively simple. We will focus on seven of his studio
albums--one from each decade from the 1960's through the 2020's that the instructor considers "essential" in appreciating Dylan. (The last decade is easy--there is only one album from which to choose, at least so far!) Join us whether you are a Dylan neophyte or a lifelong fan. Participants familiar with Dylan's catalog are asked to bring their own list of essential albums. If you cannot come up with seven, that's fine; bring whatever you know and enjoy. No pressure if you are a newbie, just come along for a fun ride on Highway 61!

Instructor: Al Dell'Angelo

Al is a retired school counselor with graduate degrees in counseling and theology. His lifelong interests include guitar, music, photography, film, computers, and spirituality. Al is a fan of Teilhard de Chardin, S.J., Bob Dylan, The Beatles, progressive rock, jazz, Ansel Adams, Quentin Tarantino, Jerry Seinfeld, Thomas Merton, and Steven Colbert to name a few. He has attended over 200 rock/folk/jazz concerts. Spiritually eclectic, Al describes himself as a Catholic/Taoist/Quaker and is pursuing a graduate certificate in Spiritual Direction. He is a lifelong resident of Pennsylvania in suburban Philadelphia.

Curious Conversations Inspired by the Fox Theatre's Mighty Wurlitzer Organ

Subject Area: Arizona History/Culture, Arts/Culture, History/Current Events, Science/Math/Technology, Travel/Entertainment

Tuesdays: Single Session 1:00 PM - 2:00 PM
Start: Tue 11/1/22  End: Tue 11/1/22
Location: Online Zoom Offering 3 Class Size: 300

Course Description

When the Fox Theatre opened in 1930, part of the technological and artistic wonder it brought to Tucson was a Mighty Wurlitzer Theatre Organ. These organs are incredible instruments, with literally thousands of pipes, as well as numerous other air-controlled instruments (drums, horns, whistles, marimbas, and on) to create all the music and sound effects for silent movies, without any amplification. As the movie experience changed through the years, the Fox's original organ was disassembled. Yet over the past few years, this remarkable instrument has been restored to the Fox! Come learn about this organ, its history at the theatre, and join the conversation with some of your own organ stories as well.

Instructors: Jordan Wiley-Hill, Grahame Davis

Jordan Wiley-Hill is a professional storyteller, educator, and program developer. He manages the education and outreach activities for the historic Fox Tucson Theatre. A dynamic presenter, he draws heavily on his background in performance art and education, alongside a deep passion for the topics he shares.

Australian-born Grahame Davis is the organ restorer, tuner, and technician for the Fox Tucson Theatre’s Wurlitzer Pipe Organ. With 50 years of experience working on organs, he consults with venue owners across the world and maintains close, personal ties to many of the world's touring organists. Grahame got involved with the Fox at the start of its restoration in 1999, helping to envision a return of a Wurlitzer Theatre Pipe Organ. He would ultimately go on to bring those plans to fruition, such that the instrument now sounds forth from its home inside the organ chambers at the Fox!

Biotechnology: Past, Present, and Future

Subject Area: Science/Math/Technology

Tuesdays: 2 Sessions 3:00 PM - 4:30 PM  Start: Tue 11/1/22  End: Tue 11/8/22
Location: Online Zoom Offering 1 Class Size: 300

Course Description

This class will cover past innovations, what is happening now, and what the future may bring in biology and medicine.

Instructor: Christian Wilson

Christian is a retired forensic scientist with 25 years experience and adjunct faculty at Pima College and the University of Arizona.
Curious Conversations Inspired by the Irish Music at the Fox Theatre

Subject Area: Arizona History/Culture, Arts/Culture, History/Current Events, Travel/Entertainment

Tuesdays: Single Session 1:00 PM - 2:00 PM  
Start: Tue 11/15/22  
End: Tue 11/15/22  
Location: Online Zoom Offering 2  
Class Size: 300

Course Description
Traditional Irish music has found its way into the hearts and ears of people all over the world, including in Southern Arizona. With the legendary, traditional Irish group, Altan, on its way to the Fox stage, come learn a bit about this genre. We'll explore its origins, how it has made its way and lived in Southern Arizona, and open the conversation up to your questions and stories about how such music has touched your life.

Instructor: Jordan Wiley-Hill
Jordan Wiley-Hill is a professional storyteller, educator, and program developer. He manages the education and outreach activities for the historic Fox Tucson Theatre. A dynamic presenter, he draws heavily on his background in performance art and education, alongside a deep passion for the topics he shares.

Have You Checked Your Personality Lately?

Subject Area: DIY/Self-Help, Social Sciences

Tuesdays: Single Session 9:00 AM - 10:30 AM
Start: Tue 11/29/22  
End: Tue 11/29/22  
Location: Online Zoom Offering 2  
Class Size: 300

Course Description
Are you the same person you think you are? Are you the same person everyone else thinks you are? Like to try a few, very short personality quizzes. Ok, this is really just for fun! It's absolutely no real attempt to analyze you. And, you don't have to divulge the outcomes! During the session, we'll do 5 or 6 exercises, e.g. the Sherwin Williams Color Preference, the CANOE test, and Ten-Item Personality Inventory (TIPI). You will receive advance links to the version of the Myers-Briggs and Enneagram Personality Tests which you are encouraged to complete prior to the class. (No charge!) We will explore these two in some depth. We'll discuss in class how well you think these profiles describe your personality.
Instructor: Douglas Stowell

Doug Stowell has been a Furman University OLLI instructor in Greenville, SC since 2015 and nationally with more than 40 OLLI's via ZOOM since 2018. His background is in corporate market research and public opinion polling. His career includes - Dir. of Market Research for Xerox Corp., U.S. Client Director for the U.K. firm National Opinion Polling, Ltd. In London, and Senior Client Representative with Wirthlin Worldwide Polling in Washington, DC. He opened Market Resource Associates, in 2008, and continues today to conduct consumer and political issues surveys.

Life According to Charles Schulz

**Subject Area:** Arts/Culture

**Tuesdays:** 2 Sessions 11:00 AM - 12:30 PM  
**Start:** Tue 11/29/22  
**End:** Tue 12/6/22

**Location:** Online Zoom Offering 2  
**Class Size:** 60

**Course Description**

Peanuts is probably America's most popular and cherished comic strip. This class will include a short biography of Charles Schulz, a complete look at the cartoon characters, their origins, and the stories behind each creation. We will discuss life issues that Schulz presents in a comical, thoughtful, and profound manner. Each session will also examine how the iconic comics reflect events that are happening in American society. We will experience and embrace the everyday psychology of life through the eyes of little folks.

Instructors: Arnie Bianco, Susan Williams

Long time retired educator as a teacher, school principal and adjunct instructor at Chapman University, NAU, Brown Mackie College, and Brookline College. Arnie is an active OLLI member. He has been a teacher for a number of years and has done relationship workshops in more than 10 states. He is a published author who has always loved to teach. His wife is presently a teacher.

Susan has been an OLLI member for 3-4 years. She has been a tech-host (several classes), co-host, member of the board, and student.

China's Rightful Rise? A Discussion

**Subject Area:** History/Current Events

**Tuesdays:** 2 Sessions 1:00 PM - 2:30 PM  
**Start:** Tue 11/29/22  
**End:** Tue 12/6/22

**Location:** Online Zoom Offering 2  
**Class Size:** 60

**Course Description**

Chinese Government officials often complain that the West is trying to thwart "China's Rightful Rise." Is a benign interpretation of this phrase possible? What is the endpoint of "China's Rightful Rise?" Is it the same as some (weak) Western attempts to "constrain" China in some fields? What is the basis of China's "entitlement"? Is it a zero-sum situation? Following China's earlier Belt and Road Initiative, China has recently announced a Global Development Initiative and a Global Security Initiative. We should have a lively discussion.

Instructor: Charles Wright

Charles is a retired Architect. During his career he was involved in a number of projects for International Organizations in Europe, Africa, Asia, South America and the Caribbean. Join us for some interesting discussions.

Because Every Body Dies: Funeral Planning Rights and Options

**Subject Area:** Civic Engagement/Community/Government, DIY/Self-Help, Health/Wellness

**Tuesdays:** Single Session 9:00 AM - 10:30 AM  
**Start:** Tue 12/6/22  
**End:** Tue 12/6/22

**Location:** Online Zoom Offering 2  
**Class Size:** 300

**Course Description**

The death of a loved one is never easy. Arranging affordable, dignified, meaningful care for someone who has died shouldn't add to the difficulties. After this presentation you will be prepared to make well-informed, financially sound decisions for yourself or a loved one.
Instructor: Martha Lundgren
Martha Lundgren comes to us from the Funeral Consumers Alliance of Arizona. FCAAZ is a non-profit independent consumer advocacy organization, dedicated to providing objective information about the requirements and options in making after-death arrangements. Martha first became acquainted with FCAAZ when she was looking for a speaker for a death education series she was organizing. She was so impressed that she joined the board of directors in 2017 and has served as president of the board of FCAAZ since 2018.

Wednesdays

**The Crusades: The Then (& Now) Christian & Moslem Perspectives**

**Subject Area:** History/Current Events, Philosophy/Spirituality/Religion

**Wednesdays:** 10 Sessions 9:00 AM - 10:30 AM  
**Start:** Wed 9/14/22 **End:** Wed 11/16/22

**Location:** Online Zoom Offering 1 **Class Size:** 300

**Course Description**

When, after the 9/11 attacks, then President W. Bush declared: 'This CRUSADE, this war on Terrorism will take a while...', The Christian Science Monitor reported: "President Bush’s reference to a 'crusade' meant ringing alarm bells for those who understood the legacy the United States was now forging. This was in reference to a series of European invasions of the Holy Land over a four-hundred-year period, specifically cast as a holy war between Christians and Muslims, nominally over control of holy sites in the areas around Jerusalem. We will look at the root causes and circumstances in Europe that led to a 'holy war' provoked by a series of actions and circumstances in the Islamic world, specifically in the Holy Land. This class is not a chronology/history of events that you can find in any History book, as much as an analysis and a critical view of the causes and effects of the Crusades that prevailed then and may have left an everlasting confusion between politics and religion that still defines the relationship between the Western and the Islamic worlds.

Instructor: Samih Baalbaki
Born and raised in Lebanon (18 different religious & ethnic legally recognized communities), Samih retired as a lawyer after spending his last 17 years based in Dubai and traveling, on professional assignments, extensively to over 20 Muslim countries in the Middle East, North Africa and southeast Asia. For the last 8 years, with OLLI@CCU as well as other educational institutions, Samih has taught courses on Islam, Middle Eastern politics and current affairs. Samih is a native Arabic speaker. Passionate about teaching, Samih has taught 2 weekly Zoom classes throughout the Covid19 confinement.

**Film Noir: Film Study Discussion**

**Subject Area:** Arts/Culture

**Wednesdays:** 12 Sessions 11:00 AM - 12:30 PM  
**Start:** Wed 9/14/22 **End:** Wed 12/7/22 - No Class Week of Thanksgiving

**Location:** Online Zoom Offering 2 **Class Size:** 300

**Course Description**

Film Noir, with its characteristic shadowy suspense stories, has always been controversial in its psychological exposition of the darker side of human nature. We will discuss films from the "Golden Age" (1940-1958), looking at various elements of this genre, such as cynical heroes, the "femme fatale," camera angles and lighting, and the overall mood of pessimism. Many of the screenplays are based on books by, or written by, well-known authors, such as Raymond Chandler and Dashiell Hammett, who specialized in mystery and hard-boiled fiction. This is a discussion class not a lecture. Participants need to watch the films before class.

Instructors: Leslye Friedberg, Yolanda Alvarez
Leslye L. Friedberg, Professor Emeritus, taught writing, literature, and humanities courses at Community College of Philadelphia and The University of Cincinnati. Her main areas of interest are interdisciplinary connections among film, literature, philosophy, and art history.
Yolanda Alvarez is a film buff who attends many film classes and film festivals. She enjoys discussing the relevance of popular culture in film and vice versa. Film noir is a genre she is particularly interested in.

**Reading The Economist with Non-Economists**

**Subject Area:** History/Current Events  
**Wednesdays:** 12 Sessions 11:00 AM - 12:30 PM  
**Start:** Wed 9/14/22 **End:** Wed 12/7/22 - No Class  
**Week of Thanksgiving**  
**Location:** Online Zoom Offering 1 **Class Size:** 45

**Course Description**

Join us to read and think about the news as reported in the world's most influential weekly news magazine with wide appeal. The Economist magazine is written for the general public, not specialists. The Economist has an international perspective, examining countries and current developments on a wide range of topics. The magazine has something for everyone - reportage, commentary, analysis, profiles, criticism, statistics, and even cartoons. Articles are typically 1-2 pages. A background in economics is definitely not necessary. Each week 3 or 4 class members volunteer to take a different article from the current issue and prepare a short summary and commentary for the class the following week. In addition, the entire class will read a major article for group discussion.

Access to a print or digital subscription is required - a low-priced deal for both for 12 weeks is usually offered by The Economist. Access to the magazine is usually available through the Libby App of the Pima County Library System. Join us for spirited discussion of interesting topics.

Instructor: Charles Wright  
Charles is a retired Architect. During his career, he was involved in a number of projects for International Organizations in Europe, Africa, Asia, South America, and the Caribbean. Join us for some interesting discussions.

**Conversational Spanish**

**Subject Area:** Literature/Writing/Language  
**Wednesdays:** 12 Sessions 1:00 PM - 2:30 PM  
**Start:** Wed 9/14/22 **End:** Wed 12/7/22 - No Class  
**Week of Thanksgiving**  
**Location:** Online Zoom Offering 1 **Class Size:** 30

**Course Description**

We will improve our Spanish skills with reading, writing, and speaking in various genres - short stories, poems, news articles, and conversations. I will provide the text.

Instructor: Josephine Kelleher  
Dr. Josephine Kelleher is a retired educator who has been studying Spanish for the past five years at OLLI. In addition to teaching at the university level, Dr. Kelleher has been a science and mathematics teacher at the middle school level, a high school assistant principal and principal, and superintendent of schools in three school districts. Dr. Kelleher earned a bachelor's degree in science and mathematics education and a Master of Arts in teaching in biological sciences from Rhode Island College, and a doctorate in educational leadership from the University of Connecticut.

**Psychology Lecture Series**

**Subject Area:** Science/Math/Technology, Social Sciences  
**Wednesdays:** 8 Sessions 1:00 PM - 2:30 PM  
**Start:** Wed 9/14/22 **End:** Wed 11/2/22  
**Location:** Online Zoom Offering 2 **Class Size:** 300

**Course Description**

This is a lecture series provided by graduate students, postdoctoral fellows, and faculty in the Psychology Department at the University of Arizona. Each presenter will provide a lecture in an area they have specific training or expertise.

1. Trish Chilton - Wisdom: What Is It, How Do We Get It, and Who Has It  
2. Savannah Boyd - Relationships and Health: Why Our Close Ties Matter
Genealogy: Examination of US Population and Special Censuses, 1790 - 1950

Subject Area: History/Current Events, Social Sciences

*Wednesdays: 5 Sessions 11:00 AM - 12:30 PM  
Start: Wed 10/5/22  
End: Wed 11/2/22  
Location: Online Zoom Offering 3 Class Size: 70

Course Description
Census records are one of the most used records by genealogists. Many people take a quick look at census records to verify that their ancestors lived at a certain place at a given time. But censuses records offer much more. With a little work, you can even use the early population censuses to provide information to supplement your family history. During this 5-week course, we will conduct a thorough analysis of the US census. We will study its history, context for its use, the enumerators, and analyze how to squeeze all data possible from population and special use censuses. We will examine the strengths and weakness of the censuses and search for substitutes when we can't locate a census. The course includes the following: Class 1: History, Context, and Use of Census in Genealogy and Family History; Class 2: Early Population Census; Class 3: Modern Population Census 1850 - 1950; Class 4: Census Substitutes and Addressing Other Census Problems; and Class 5: Special Non-Population Census.

Instructor: Debra Kabinier
Debra Kabinier is a professional genealogist from Sahuarita, Arizona, with over 20 years’ experience. She enjoys sharing her knowledge of genealogy. Besides Masters' degrees in Earth Science and Strategic Studies, Debra holds a certificate in Genealogical Research from Boston University, and certificates in Librarianship, American Records, and Methodology from the National Institute for Genealogical Studies.

Investigating Law Enforcement In-Custody Deaths

Subject Area: Civic Engagement/Community/Government

*Wednesdays: 4 Sessions 9:00 AM - 10:30 AM  
Start: Wed 10/12/22  
End: Wed 11/2/22  
Location: Online Zoom Offering 3 Class Size: 30

Course Description
Each year approximately 1,000 people are shot and killed by police. In this course, my primary goal is to describe the process and the adjudicating factors involved in investigating these shooting deaths. I will separate the facts from fictional reporting or myths for several of the higher-profiled incidents. I will not be showing images or videos of any incidents. The class is designed to be informative and not a forum for debating related social issues. That could be a topic for another semester.

Instructor: David Grabelski
Dave has 45 years of tactical and strategic intelligence experience in the law enforcement and intelligence communities at the local, federal, international, and university/college levels. In his first career, he served 21 years with the Los Angeles Police Department including assignments as a Senior Homicide Detective and Gang Unit Supervisor. His second career was as a Gangs/Drugs/Violence analyst/Instructor for the US
Development from Conception to Kindergarten: A Primer for Grandparents

Subject Area: Health/Wellness, Literature/Writing/Language, Science/Math/Technology

Wednesdays: 3 Sessions 3:00 PM - 4:30 PM  
Start: Wed 10/26/22  
End: Wed 11/9/22  
Location: Online Zoom Offering 1  
Class Size: 300

Course Description
You matter to "your grandchildren", whether they are a future hope or a present reality, belong to your relatives or to others in your community. Grandparents can provide knowledge and wisdom, emotional and fiscal support as well as childcare and fun. They are often the leaders and sustainers in evolving the "village" in which pregnant mothers and young children can thrive. Your own role in nurturing our youngest may be as a community leader or privately helping with childcare, sharing information, giving quiet support. If you are close enough to blow bubbles together - to respond caringly to the tears and laughter of "your" infant, toddler, or preschooler - you are helping build the architecture of that young brain. This three-session presentation is based on current research. It will look at the amazing phenomena of early development of the brain, relationships, and language with consideration of what endangers and what supports that development. Dorothy Johnson, MD, FAAP, will bring you up to speed with the science of prenatal and early child development, and guide you to the remarkable resources for families of infants and young children that are provided through Arizona's First Things First. The format is a lecture with time for questions.

Instructor: Dorothy Johnson  
DJ, AKA Dorothy Johnson, MD, is a retired Developmental Pediatrician and Adjunct Instructor at Pima Community College. She has been on a First Things First Regional Partnership Council in Pima County from FTF's beginning in 2008. She sits on the Health and Nutrition Committee for southeast Arizona's Head Start agency, Child Parent Centers. Education: Colorado College (BA), University of Chicago's Pritzker School of Medicine (MD), Pediatric Residency at University of Rochester, NY. Additional training through UC San Diego, USD, and NAU. Her pediatric career included private and university-based pediatric practice and founding a multidisciplinary developmental pediatric practice in San Diego.

Scattershot: A Brief History of Guns

Subject Area: History/Current Events

Wednesdays: 3 Sessions 1:00 PM - 2:30 PM  
Start: Wed 11/9/22  
End: Wed 11/30/22 - No Class Week of Thanksgiving  
Location: Online Zoom Offering 2  
Class Size: 300

Course Description
A (not so) brief review of the 1,000-year history of guns in our world and their pervasive effects on our society.

Instructor: Buzz Olson  
Writer, photographer, and editor over a 30-year journalism career at several newspapers, including the Arizona Republic and the Denver Post. Contributor to the Pulitzer Prize-winning coverage of the 1999 Columbine high school massacre.

Texas Elementary School: The Investigation

Subject Area: Civic Engagement/Community/Government, History/Current Events

Wednesdays: Single Session 9:00 AM - 10:30 AM  
Start: Wed 11/30/22  
End: Wed 11/30/22
Location: Online Zoom Offering 1  Class Size: 60

Course Description
A look under and beyond the "Do Not Cross" yellow tape of the Texas Elementary School shooting. Dave will reveal what entails an investigation into a mass killing. This class will detail how the investigators process and analyze the crime scene, the forensics, the victims/witnesses, and the suspect. This presentation will emphasize the investigation but not the related social/political issues. That would be a different topic for another day.

Instructor: David Grabelski
Dave has 45 years of tactical and strategic intelligence experience in the law enforcement and intelligence communities at the local, federal, international, and university/college levels. In his first career, he served 21 years with the Los Angeles Police Department including assignments as a Senior Homicide Detective and Gang Unit Supervisor. His second career was as a Gangs/Drugs/Violence analyst/Instructor for the US Department of Justice / National Drug Intelligence Center. Dave recently retired as the Chair and Assistant Professor of the Mercyhurst University’s Tom Ridge School of Intelligence Studies in Erie, PA. He holds advanced degrees from Pennsylvania State University and Pepperdine University. Dave and his wife Kitty currently reside in Vail, AZ.

The 1920's vs 2020's... Another Great Depression?

Subject Area: History/Current Events

Wednesdays: Single Session 9:00 AM - 10:30 AM
Start: Wed 12/7/22 End: Wed 12/7/22
Location: Online Zoom Offering 1  Class Size: 300

Course Description
Mr. Linz's presentation will be interactive with questions posed and discussion welcomed. He will review political and economic events of the 1920's from Presidents Wilson to Hoover's election loss to Roosevelt. There will be an analysis of the events leading up to the stock market crash of late 1929 and the political responses (e.g., CCC and WPA) during the 1930's to alleviate the economic collapse. Included will be a discussion of 10 or more Americans from differing geographic and socio-economic groupings whose personal experiences during the Depression shaped their lives and their successors. Mr. Linz will conclude with a discussion of the similarities between that era and our current situation 100 years later.

Instructor: Ed Linz
Ed Linz lives in Virginia and Maine. He has commanded a nuclear submarine, taught high school for 25 years, and remains active teaching and writing. He has master’s degrees from Christ Church College, Oxford and George Mason University. He is the author of 4 books ranging from fiction to non-fiction and a textbook on teaching science to special needs students. Mr. Linz was the recipient of a life-saving heart transplant in 1994 and remains grateful to his donor family. He speaks frequently to community groups on organ and tissue donation and on 20th century American history.

The Formation and Evolution of Hawaii

Subject Area: Science/Math/Technology

Wednesdays: Single Session 3:00 PM - 4:30 PM
Start: Wed 12/7/22 End: Wed 12/7/22
Location: Online Zoom Offering 1  Class Size: 300

Course Description
Hawaii is many things. It's a picturesque chain of islands, a wonderful vacation destination and home to a fascinating culture. When viewed from a geoscience perspective, however, it is much more than that. The Hawaiian Islands and associated Emperor Seamount Chain are the surface manifestation of a deep Earth process that may originate at the core-mantle boundary. It doesn't clearly fit the traditional model of plate tectonics. Hawaii is different from that. Join me to learn all about the formation of Hawaii and how it has evolved over time.
Instructor: Nic Richmond

Nicola Richmond is the Assistant Vice Chancellor of Institutional Research, Planning and Effectiveness at Pima Community College. She oversees strategic planning, institutional and operational effectiveness, federal and state reporting, and ad hoc reporting at the institution. She has an extensive data analysis and research background that most recently focuses on higher education, but her experience also includes the analysis of magnetometer data for the moon and Mars, and the application of cellular automata models to coastal environments. She has a Ph.D. in Geology from University College London. Her doctoral research focused on the incorporation of aluminum and iron into deep Earth magnesium silicate minerals using numerical modeling approaches from quantum mechanics and solid state physics. Nic has a strong interest in cross-disciplinary research approaches, taking techniques from the sciences and bringing them to higher education research.

Thursdays

Advanced Spanish

Subject Area: Literature/Writing/Language

**Thursdays:** 12 Sessions 9:00 AM - 10:30 AM  
**Start:** Thu 9/15/22  
**End:** Thu 12/8/22 - **No Class Week of Thanksgiving**

**Location:** Online Zoom Offering 1  
**Class Size:** 20

Course Description

This class is for students who are familiar with all the indicative tenses and the present subjunctive. The class is given in Spanish. This will be a challenging class. We will go as fast as the slowest dedicated learner. This class is a continuation of the Spring Advanced Intermediate class. It is not necessary to have taken this class. Our reading materials will be provided by the SGL. These include a short story by the Spanish author Ana María Matute and some of the beginning chapters of the Mexican author Juan Rulfo’s novel, “El llano en llamas”. This novel is composed of linked chapters each of which can stand alone. We will also be reading some essays by Enrique Krauze, a Mexican historian and journalist who has been published outside of Mexico by the New York Times and other English language publications. We will study grammar. Instead of using a grammar text, we will analyze sentences and paragraphs from the readings. If you were in the Spring Advanced Intermediate class, you have as a reference the text "E-Z Spanish Grammar" 2nd edition by Boris Corredor (ISBN 13: 978-0-7641-4249-9). A Spanish language dictionary and "501 Spanish Verbs" are recommended resources. An Intermediate Spanish class is also being offered this Fall. As a student you cannot participate in both classes. Please read the description of Intermediate Spanish.

Instructor: Susan Sotelo

Susan Sotelo began her teaching career as a graduate student instructor (GAT) at the University of Arizona. After receiving a MA, she taught K-12 students. Then she returned to the University of Arizona and again taught in the basic language program. After receiving her PhD in Spanish Language Literature, she taught at Pima College. She also taught privately and tutored students. Then she took a job teaching for the Spanish Club in Sun City Vistoso in Oro Valley. This began her experience as a teacher of adult/senior students. She has taught Spanish at OLLI Central Tucson since 2015.

**Embracing New Spiritual Paths Part 1**

Subject Area: DIY/Self-Help, Philosophy/Spirituality/Religion

**Thursdays:** 6 Sessions 11:00 AM - 12:30 PM  
**Start:** Thu 9/15/22  
**End:** Thu 10/20/22

**Location:** Online Zoom Offering 2  
**Class Size:** 30

Course Description

Spirituality has long been the purview of religious institutions. Actually, spirituality is more universal than any one set of creeds or doctrines. It is our "breath of life" open to all who seek and are willing to embrace this spiritual journey to live more fully. The author David Elkins provides a template for exploring other ways to live a spiritual life. Utilizing Elkins' book Beyond Religion: 8 Alternative Paths to the Sacred as a springboard for discussion, this class will explore four of these
possibilities: Mythology, The Feminine, Relationships, and The Body. Hopefully participants will discover or rediscover these paths in their own lives through our discussions and sharing of stories. Reading Elkins' book is not required for our discussions. If you would like to read the book, new and used copies are available from most major booksellers. Please join us and bring your experiences, wisdom, and insights to share in this discussion.

Instructor: Mary Ellen Klawiter
Mary Ellen lived her first fifty years in Philadelphia, Pennsylvania where she worked as an educator, a Director of Religious Education, and a Hospice Chaplain. Since moving to Sahuarita, Mary Ellen received an M.S. in Mental Health Counseling and counseled at-risk teens, pre-teens, and people struggling with loss. Her undergraduate work was in History and Theology and her graduate theological studies were in Religious Education and Clinical Pastoral Education.

Reading and Discussing The New Yorker

Subject Area: Arts/Culture, Literature/Writing/Language, Science/Math/Technology, Social Sciences

Thursdays: 12 Sessions 11:00 AM - 12:30 PM Start: Thu 9/15/22 End: Thu 12/8/22 - No Class Week of Thanksgiving
Location: Online Zoom Offering 1 Class Size: 45

Course Description
The New Yorker magazine is a rich resource for current, historic, cultural, and scientific information. To get the most out of this resource each week we discuss five current articles. The class chooses an article for next week's group discussion, then four different class members volunteer to provide an introduction into other articles. Each class starts with a group discussion. Then the volunteers' introductions are used to provide the base for the four additional weekly discussions. All members are encouraged to make presentations and participate in discussions.

Instructors: Ronald Peterson, John Nemo, Cindy Graff Cohen
Ron Peterson has been a UA OLLI-UA member since 2012 following a career as a broker and investment banker in Washington, DC. He served as a VP at Paine Webber and Prudential Securities and headed a financial futures unit for Merrill Lynch. He is the author of "Solomon's Wishes," a book on investment strategies and tactics and two other books, won two investment contests and lectured on markets for banks and individual investors. He holds two masters' degrees and four graduate certificates.

John Nemo is a lifelong musician and educator who immerses himself in folk, early rock, blues, jazz, and classical music. He plays guitar and provides a fascinating playlist for his music appreciation courses.

Cindy Graff Cohen recently retired from a 40-year career in writing, editing, teaching, and marketing. She moved from El Paso to beautiful Tucson in late 2020 and says she still feels like a kid in a candy shop.

2023 Medicare and Other Senior Concerns

Subject Area: Health/Wellness

Thursdays: 4 Sessions 1:00 PM - 2:30 PM Start: Thu 9/15/22 End: Thu 10/6/22
Location: Online Zoom Offering 2 Class Size: 50

Course Description
1. The 4 Parts of Medicare - What are they all about? What is known as "Original Medicare"?
2. What are the differences between a Medicare Supplement and a Medicare Advantage plan?
3. Service Area Description: The county and/or specific county zip code area served by the Medicare Advantage and Prescription Drug Plans (PDP's).
4. Benefits: The benefits and services of all plans, including conditions and limitations, premiums, cost-sharing (deductibles, copayments, coinsurance), benefits offered under Original Medicare and hospice benefit.
5. Pharmacy Benefits: The network limitations, mail order and drug formulary limitations.
6. Access to Providers: Information about how to access contracted providers, including the location of contracted network providers, the use of contracted networks for cost savings and the provider referral process, if applicable.

7. Out-of-Area Coverage: How to access care if the provider is out-of-network or the consumer is out-of-area, length of stay limitations as well as cost share differences.

8. Emergency Coverage: What constitutes an emergency and how to access emergency services (in-network and out-of-area)?

9. Prior Authorization: Medical services that require prior plan review and approval to ensure payment for covered services. (Rx's coverage).

10. Appeals & Grievance Procedure: Where to find information on filing grievances and appeals?

Film Discussion Group

Subject Area: Arts/Culture

Thursdays: 12 Sessions 1:00 PM - 2:30 PM  
Start: Thu 9/15/22  
End: Thu 12/8/22 - No Class Week of Thanksgiving

Location: Online Zoom Offering 3  
Class Size: 300

Course Description

We will meet weekly to discuss a film that has been watched by the class. Except for the initial class, the film selection will be voted upon by the class and a class member will present the movie. This class has been ongoing for several years and generates lively and controversial discussions as members consider and compare films, frequently calling upon their own personal and professional experiences. Please consider volunteering to lead the discussion. Ideas about how to lead the discussions will be given out prior to the first session. In online class, movies will be chosen from Netflix, Kanopy, and Amazon. (a movie may rarely be chosen from other viewing services). Some movies will include a fee to view.

Instructor: Trudy Hill

Trudy Hill has an MS degree in Art Education from UW Madison and has taught art and reading to Elementary, Junior High, and adult students. She was a co-SGL for Science Fiction and Poetry Classes and SGL for Calligraphy Class. She is an SGL for Film and Poetry Discussion classes. Her background includes working for Visa International as an architect of computer chips on payment cards and Visa systems that support them. Since she was a young girl, she has loved reading everything, watching films and making art (still does)!
What They Forgot to Tell You When You Started to Study History

Subject Area: History/Current Events

Thursdays: 2 Sessions 1:00 PM - 2:30 PM  
Start: Thu 9/15/22  
End: Thu 9/22/22

Location: Online Zoom Offering 1  
Class Size: 300

Course Description
Learn about the foibles, oddities, and other oft overlooked explanations of things that you need to know to study history.

Instructor: Stephen Stillwell

Stephen Stillwell is an historian and a librarian. He has led study groups at each of the OLLI-UA campuses. His courses have included Middle Eastern history, British history, and British culture. Some of his most popular classes have concentrated on British mysteries.

Dream Group

Subject Area: Social Sciences

Thursdays: 12 Sessions 3:00 PM - 4:30 PM  
Start: Thu 9/15/22  
End: Thu 12/8/22 - No Class Week of Thanksgiving

Location: Online Zoom Offering 2  
Class Size: 30

Course Description
Attendees share their nighttime dreams and are invited to contribute ideas and insights on others' dreams. Techniques such as "If it were my dream..." are demonstrated. Messages of health and wholeness are brought to light and multiple layers and perspectives are revealed. "Ahas!" of recognition follow from the process of discovery as we cultivate our powers of intuition and compassion.

Instructor: Helen Landerman

Dr. Landerman has been curious about the meaning of her dreams and writing them down for decades. She has continuously participated in dream groups and is a leader of dream groups. Because dreams speak a language of visual symbols, her Harvard Ph.D. in Romance Languages and Literatures has prepared her for work with metaphors and archetypes. She has 15 years of experience teaching at the college level. She is certified by Jeremy Taylor's Marin Institute for Projective Dream Work and is a longtime member of the International Association for the Study of Dreams.

More British Mayhem: Rhys Bowen & Evan Evans

Subject Area: Literature/Writing/Language

Thursdays: 1 Single Session 3:00 PM - 4:30 PM  
Start: Thu 9/15/22  
End: Thu 12/8/22 - No Class 11/10 or Week of Thanksgiving

Location: Online Zoom Offering 1  
Class Size: 300

Course Description
Read more mysteries - all books by Rhys Bowen.


Instructor: Stephen Stillwell

Stephen Stillwell is an historian and a librarian. He has led study groups at each of the OLLI-UA campuses. His courses have included Middle Eastern history, British history, and British culture. Some of his most popular classes have concentrated on British mysteries.

Chair Yoga

Subject Area: Health/Wellness, Philosophy/Spirituality/Religion

Thursdays: 8 Sessions 9:00 AM - 10:30 AM  
Start: Thu 9/29/22  
End: Thu 11/17/22

Location: Online Zoom Offering 3  
Class Size: 300

Course Description
Join Helen Boyd in a yoga class formatted to a chair for those unable to join a more standard style on the floor. We will perform the classic poses using the chair to
support us both sitting and standing to work on range of motion and strength while focusing on awareness of ourselves both inside and out. All of these will culminate in building our balance, not just physically but mentally and spiritually as well to lead us to become fully expressed humans. The equipment for this class is a sturdy kitchen chair without arms. I look forward to seeing returning students and welcoming new ones!

Instructor: Helen Boyd

Helen has been teaching Hatha yoga, the form of yoga that includes concentrating, breathing exercises, and postures, for 25 years, and has been certified with Yoga Alliance since its inception. Other styles of yoga she also offers are Yin, Vinyasa, and Restorative. She has taught in classrooms, in gyms, community college, and workshop settings to all age groups.

**The Crusades**

**Subject Area:** History/Current Events

**Thursdays:** 9 Sessions 1:00 PM - 2:30 PM  
**Start:** Thu 9/29/22  
**End:** Thu 12/8/22 - No Class 11/10 or Week of Thanksgiving

**Location:** Online Zoom Offering 1  
**Class Size:** 300

**Course Description**

Review the course of events of this turning point in history. It is a much more expansive event than just Richard the Lion-heart, Robin Hood, Ivanhoe, John, and Saladin.

Instructor: Stephen Stillwell

Stephen Stillwell is an historian and a librarian. He has led study groups at each of the OLLI-UA campuses. His courses have included Middle Eastern history, British history, and British culture. Some of his most popular classes have concentrated on British mysteries.

**Chronic Inflammation: Win the War Within**

**Subject Area:** Health/Wellness

**Thursdays:** 3 Sessions 9:00 AM - 10:30 AM  
**Start:** Thu 10/13/22  
**End:** Thu 10/27/22

**Location:** Online Zoom Offering 2  
**Class Size:** 70

**Course Description**

According to the World Health Organization, chronic inflammatory diseases are the most significant cause of death in the world, ranking these diseases as the greatest threat to human health. Inflammation is fundamentally meant to be a helpful body process, but if sustained can wreak havoc on the body, risking the development of diseases and premature aging thus being labeled "Inflammaging". It progresses silently and if untreated can carry a poor prognosis. You will discover the main causes of chronic inflammation and gain an understanding of the interventions needed to prevent or reverse. The class will be in 3 sessions. Part 1 will focus on the science to include pathophysiology, risk factors, symptoms, diagnosis, and associated complications/diseases. Part 2 will focus on lifestyle interventions to combat chronic inflammation that will include stress, sleep, and exercise. Part 3 will focus on nutrition to reduce the production of inflammatory compounds with an understanding of the worst offenders and the most powerful anti-inflammatory foods.

Instructor: Rinda Moore

Rinda is retired from practice as a Geriatric Nurse Practitioner and now provides classes for OLLI related to healthy aging.

**The Strange Case of the Kennedy Assassination**

**Subject Area:** History/Current Events

**Thursdays:** Single Session 1:00 PM - 2:30 PM  
**Start:** Thu 10/13/22  
**End:** Thu 10/13/22

**Location:** Online Zoom Offering 2  
**Class Size:** 300

**Course Description**

Nearly six decades later, the Kennedy assassination continues to be a source of mystery and fascination. The events of November 22, 1963 raise more questions than they answer, linking a cast of odd characters, a series of bizarre coincidences, and any number of contradictions and paradoxes. Here, we will look at some of the most
astonishing facts of this case and tackle five perplexing questions that are sure to stimulate thought and discussion. Even if you think you have heard everything there is to know about the Kennedy assassination, this study group is sure to surprise you!

Instructor: Victor Shamas
Victor Shamas, Ph.D. is a psychologist, lecturer, retreat facilitator, and author of four books: Deep Creativity, The Way of Play, The Chanter's Guide, and Repose: The Potent Pause. He also has a lifetime fascination with the Kennedy assassination. His TEDx talk, "The Art of Creative Inspiration," has nearly 90K views. Dr. Shamas is the co-founder and director of two non-profit groups (Global Chant and PlayHaven), has produced over 250 videos (e.g., "The Beatles: Six Creative Secrets Revealed in Get Back") and writes a blog on a wide range of topics. He is the proud and loving husband of Maria Shamas.

**Arizona's Empire Ranch: A Prominent Past and Promising Future**

**Subject Area:** Arizona History/Culture

**Thursdays:** Single Session 1:00 PM - 2:30 PM

**Start:** Thu 10/20/22  **End:** Thu 10/20/22

**Location:** Online Zoom Offering 2  **Class Size:** 300

**Course Description**
The historic Empire Ranch located in the heart of the 45,000-acre Las Cienegas National Conservation Area, was established in 1876. Learn about the four families, two companies, a government agency, and the non-profit organization that has played a role in the Empire Ranch's historic past and evolving future.

Instructor: Alison Bunting
Alison Bunting, volunteer archivist, and historian for the Empire Ranch Foundation (ERF), is a retired librarian who has documented and researched the history of the Empire Ranch.

**Embracing New Spiritual Paths Part 2**

**Subject Area:** DIY/Self-Help, Philosophy/Spirituality/Religion

**Thursdays:** 6 Sessions 11:00 AM - 12:30 PM

**Start:** Thu 10/27/22  **End:** Thu 12/8/22  **No Class Week of Thanksgiving**

**Location:** Online Zoom Offering 2  **Class Size:** 30

**Course Description**
Spirituality has long been the purview of religious institutions. Actually, spirituality is more universal than any one set of creeds or doctrines. It is our "breath of life" open to all who seek and are willing to embrace this spiritual journey to live more fully. The author David Elkins provides a template for exploring other ways to live a spiritual life. Utilizing Elkins' book Beyond Religion: 8 Alternative Paths to the Sacred as a springboard for discussion, this class will explore four of these possibilities: Psychology, The Arts, Nature, and The Dark Nights of the Soul. Hopefully participants will discover or rediscover these paths in their own lives through our discussions and sharing of stories. Reading Elkins' book is not required for our discussions. If you would like to read the book, new and used copies are available from most major booksellers. Please join us and bring your experiences, wisdom, and insights to share in this discussion.

Instructor: Mary Ellen Klawiter
Mary Ellen lived her first fifty years in Philadelphia, Pennsylvania where she worked as an educator, a Director of Religious Education, and a Hospice Chaplain. Since moving to Sahuarita, Mary Ellen received an M.S. in Mental Health Counseling and counseled at-risk teens, pre-teens, and people struggling with loss. Her undergraduate work was in History and Theology and her graduate theological studies were in Religious Education and Clinical Pastoral Education.
Women of the West III

Subject Area: History/Current Events

Thursdays: 6 Sessions 1:00 PM - 2:30 PM  Start: Thu 10/27/22  End: Thu 12/8/22 - No Class Week of Thanksgiving

Location: Online Zoom Offering 2  Class Size: 300

Course Description
Women's history in the West has been largely preserved through letters, diaries, and magazine articles. New scholarship since the 1970's has produced many interesting films and books. This class is a continuation of our fall 2021 class. Lecture, film, books, and a film trip will be used.

Instructor: Jeri Aldridge

After teaching English, Speech, Debate and History for 32 years in Evergreen, Colorado, Jeri retired and moved to Tucson. She collects folk art (Mata Ortiz Pottery, Wood carvings and Fabric Art) has a B.A. in Speech Communications from the University of Denver and an M.A. in Education from Colorado University. Jeri has traveled widely to Europe, China, Guatemala, England, and Scotland and has an interest in politics and micro finance.

Fridays

Roots of Western Intellect: Ancient Greek Rationalism

Subject Area: Arts/Culture, History/Current Events, Literature/Writing/Language, Philosophy/Spirituality/Religion, Science/Math/Technology

Fridays: 1 Single Session 9:00 AM - 10:30 AM  Start: Fri 9/16/22  End: Fri 12/22 - No Class Nov 11 (Veterans Day), or Thanksgiving Week

Location: Online Zoom Offering 1  Class Size: 300

Course Description

This course is an update of a course taught 4 years ago as part of a series on Western intellectual and cultural history. We will look at the foundations of Greek rationalism from the pre-Socratics to the Stoics, with emphasis on Plato and Aristotle and how this thought is reflected in Greek art and culture. Greek rationalism is one of the key components of Western thought. The instructor has a doctorate in intellectual and cultural history and has taught this course before.

Instructor: Robert MacArthur

Robert Macarthur worked for 32 years at UA in the College of Agriculture as an IT guy. He has a Ph.D. in Cultural and Intellectual History from UA.

Poetry Reading Discussion Group

Subject Area: Arts/Culture

Fridays: 6 Sessions 11:00 AM - 12:30 PM  Start: Fri 9/16/22  End: Fri 10/21/22

Location: Online Zoom Offering 1  Class Size: 50

Course Description

We'll meet weekly for six weeks. Each week a different guest poet will lead the group. They may present their own work, a favorite poet's work, or poetry around a theme (or something else that I haven't thought of). Participants will receive a description and copies of the poems about a week before the group meets. Guest poets may or may not ask for volunteers to read poem(s). Following the presentation, the group will discuss the poem or poems presented. New to poetry or avid fans can join us to share and appreciate the power of the poem.

Instructors: Trudy Hill, David Van Houten

Trudy Hill has an MS degree in Art Education from UW Madison and has taught art and reading to Elementary, Junior High, and adult students. She was a co-SGL for Science Fiction and Poetry Classes and SGL for Calligraphy Class. She is an SGL for Film and Poetry Discussion classes. Her background includes working for Visa International as an architect of computer chips on payment cards and Visa systems that support them.
Since she was a young girl, she has loved reading everything, watching films and making art (still does)!

David is a retired educator from Michigan and moved to Tucson with his husband, Steve Horn, in 2010. His investment in poetry was cultivated in OLLI poetry discussion and writing classes led by Dan Gilmore. His continued interest in discussing shared poems comes from the personal enrichment he gained from each class conversation. Currently David is a docent at the UA Poetry Center and participates in their "Free Time" workshop corresponding with writers who are incarcerated. He recently had a poem published in The PATH to KINDNESS: Poems of Connection and Joy, edited by James Crews, 2022.

**Wisdom for Daily Life: The Aphorisms of Buddha - The Dhammapada**

**Subject Area:** Philosophy/Spirituality/Religion

**Fridays:** 4 Sessions 11:00 AM - 12:30 PM  **Start:** Fri 9/16/22  **End:** Fri 10/14/22 - No Class Sept 23

**Location:** Online Zoom Offering 2  **Class Size:** 20

**Course Description**

In this brief study group, we will look at the roots of Buddhist thought and at Buddha's life, and will read and discuss some of his aphorisms found in the wonderful little book titled The Dhammapada. These aphorisms are pure gems of wisdom which are as applicable today as they were in Buddha's time.

Here are two as examples:

1:1 Our life is shaped by our mind; we become what we think. Suffering follows an evil thought as the wheels of a cart follow the oxen that draw it.

1:2 Our life is shaped by our mind; we become what we think. Joy follows a pure thought like a shadow that never leaves. (From The Dhammapada, translated by Eknath Easwaran.)

We will read and discuss selected aphorisms and discuss how they might be applied in our daily lives. For this study group, it will be necessary to purchase and have on hand the following book: The Dhammapada, translated by Eknath Easwaran, Nilgiri Press, 2007.

**Instructors:** Randall Krause, Sandra Uyterhoeven

Randall Krause served many years as an attorney and conflict resolution facilitator. Later, he studied counseling and received a M.A. in interdisciplinary consciousness studies with an emphasis in holistic health counseling, was certified and served as a personal coach and mentor. He studied Effective Communication intensively and also studied The Gremlin Taming Method for more than 10 years. In addition, Randall is a senior mentor and teacher in the Himalayan yoga meditation tradition and is registered with Yoga Alliance (YA) as an Experienced Yoga Teacher and a Continuing Yoga Education Provider.

Sandra Uyterhoeven is an experienced yoga teacher, yoga therapist and an avid learner and teacher of The Yoga Sutras of Patanjali. She has led a monthly study group on the Yoga Sutras of Patanjali for more than 10 years in Waltham, MA. She is warm, knowledgeable, and articulate.

**Archaeology, Cultures, and Ancient Arts of Southern Arizona**

**Subject Area:** Arizona History/Culture, Arts/Culture, History/Current Events, Social Sciences

**Fridays:** 5 Sessions 3:00 PM - 4:30 PM  **Start:** Fri 9/16/22  **End:** Fri 10/14/22

**Location:** Online Zoom Offering 1  **Class Size:** 300

**Course Description**

This class will cover four main topics:

1. "Archaeology and Cultures of Arizona" will summarize and interpret the archaeology of Arizona from the earliest Paleoindians through Archaic period hunters and foragers, the transition to true village life, and the Formative period Puebloan, Mogollon, Sinagua, Hohokam, Salado, and Patayan archaeological cultures and their relationships to Arizona's historical Native American peoples, to provide context for the archaeological cultures of southern Arizona.
2. "Arts and Culture of Ancient Southern Arizona Hohokam Indians" will focus on artifacts, architecture, and other material culture of southern Arizona's Hohokam culture. Items the Hohokam left behind provide archaeologists with clues for interpreting their relationships to the natural world, time reckoning, religious practices, beliefs, and deities, and possible reasons for the eventual demise of their way of life.

3. "Ancient Native American Pottery of Southern Arizona" will provide details about Native American ceramic styles that characterized specific eras in southern Arizona precontact and postcontact eras. The instructor will discuss how archaeologists use pottery for dating archaeological sites and interpreting ancient lifeways of the ancient Early Ceramic and Hohokam cultures, and of the historical Piman (Tohono O'odham and Akimel O'odham), Yuman (including Mohave and Maricopa), and Apachean peoples.

4. "Set in Stone but Not in Meaning: Southwestern Indian Rock Art" features illustrations of southwestern US pictographs (rock paintings) and petroglyphs (symbols carved or pecked on rocks) and discussion of how specific rock art symbols are interpreted differently from popular, scientific, and modern Native American perspectives.

Instructor: Allen Dart

Registered Professional Archaeologist Allen Dart has worked in Arizona and New Mexico since 1975 for federal and state governments, private companies, and nonprofit organizations. He is the executive director of Tucson's nonprofit Old Pueblo Archaeology Center, which he founded in 1993 to provide educational and scientific programs in archaeology, history, and cultures. Al has received the Arizona Archaeological Society's Professional Archaeologist of the Year Award, the Arizona Archaeological and Historical Society's Victor R. Stoner Award, the Arizona Governor's Archaeology Advisory Commission Award in Public Archaeology, and other honors for his efforts to bring archaeology and history to the public.

Opportunities for International Service with the Peace Corps

Subject Area: Civic Engagement/Community/Government

Fridays: Single Session 9:00 AM - 10:30 AM    Start: Fri 9/23/22  End: Fri 9/23/22

Location: Online Zoom Offering 2    Class Size: 300

Course Description

If you've heard of the Peace Corps before, you probably imagine a recent college graduate in their 20's heading off to some developing country to embark on the journey of a lifetime. You may lament that the Peace Corps is something you once considered long ago, but life got in the way, and you regrettably never took that path. Did you know that the oldest Peace Corps Volunteer was Arthur Goodfriend who completed his term of service in Hungary in 1994 at the age of 87? In fact, there is no upper age limit for serving in the Peace Corps and pursuing service later in life after retirement and after kids have grown up is an option. You can even serve together with your partner, so you needn't go it alone. In this online session, you'll learn about service opportunities for older volunteers with the Peace Corps and hear from Returned Peace Corps Volunteers who served later in life. This includes not only options to serve in-person abroad but also options to serve virtually from the comfort of your home. With the wisdom and perspective of your lifetime of experience, you have a lot to offer and there are communities across the world that could greatly benefit from your expertise. It's never too late to start a journey of a lifetime.

Instructor: Chris Elsner

Chris Elsner coordinates the Peace Corps Prep Program at UArizona and is a Returned Peace Corps Volunteer. He served as Teacher of English as a Foreign Language Volunteer with Peace Corps Ukraine from 2008-2010. Chris received his Master of Public Administration degree from the University of Arizona in 2013 and was also a Paul D. Coverdell Fellow during his graduate studies.
Sonoran Desert Habitats: More Than Just a Desert

Subject Area: Science/Math/Technology
Fridays: 6 Sessions 1:00 PM - 2:30 PM  
Start: Fri 10/21/22  
End: Fri 12/9/22 - No Class Nov 11 (Veterans Day), or Thanksgiving Week
Location: Online Zoom Offering 1  
Class Size: 70

Course Description
One of the reasons why the Sonoran Desert is the most biodiverse desert in the world is that there are so many habitats offering a variety of plant and animal species a place to live or casually use. The variety of habitats extends beyond the terrestrial to include a Sea. In this 6-part series, we will explore the Sonoran Desert Habitats, its plant and animal species, their special adaptations, and their endangerment. The first 5 sessions will be on Zoom. The 6th session will be held on the grounds of the Sonoran Desert Museum where we will be able to relate what we learned to the living plants and animals. This session will require an admission fee and will be limited in a number of participants. It is an optional session.

Instructor: Marion Cimmino
In professional life, Marion Cimmino was a NYCHS Biology teacher, coauthor of two textbooks, writer for Baron’s Educational Series Review books, and presenter of curriculum programs on the local and national level for the NYBTA (New York Biology Teachers Association). Marion retired to Tucson in 1993. For the past 18 years, Marion has been and still is a docent at the Arizona Sonora Desert Museum. In the Tucson community Marion has provided educational programs for OASIS, Sun City Continuing Ed, retirement and assisted living communities, and even dementia units. The main purpose of these programs is to foster a love for our unique Sonoran Desert through understanding the complexity of our natural environment and our uniquely adapted desert plants and animals.

Astronomy/Geosciences

Subject Area: Science/Math/Technology
Fridays: 6 Sessions 3:00 PM - 4:30 PM  
Start: Fri 10/21/22  
End: Fri 12/9/22 - No Class Nov 11 (Veterans Day), or Thanksgiving Week
Location: Online Zoom Offering 1  
Class Size: 300

Course Description
Our exploration of the Earth, Solar System, and Universe continues. This semester our topics will include the Cosmic Distance Ladder, Stellar Evolution, and Supernova. Constellation Concentration will further our in-depth look at a different constellation each week. And we will continue with 'Selected Short Subjects'. There will be several guest speakers from the University of Arizona’s Astronomy, Planetary Sciences, and Geosciences Departments. As always, we will discuss ongoing discoveries in Astronomy, Planetary Sciences, and Earth Sciences. And, Science Fiction Theatre continues, with short clips highlighting a century of Sci Fi movies and TV shows. And of course, there will be 'Geo-feature-of-the-Week', 'What's for Launch', and 'Books-of-the-Week'.

Information will be conveyed using short videos, awesome photos, understandable/fun graphics, and class discussions. Please join us for this continuing journey of discovery and adventure. Being in an earlier Astronomy/Geosciences class that I have hosted is neither a prerequisite nor necessary to understand and enjoy this class.

Instructor: Guy Jette
Guy retired from the U.S. Air Force after 37 years working in Research and Development in both the aeronautical and space fields. He holds MBA and MS degrees and is an Associate Fellow of the American Institute of Aeronautics and Astronautics. He has worked in astronomy outreach for the past ten years as a docent at Kitt Peak National Observatory. He has also been a frequent guest speaker at the University of Hawaii Institute for Astronomy on Maui.
Your Social Security Benefits: What You Need To Know

**Subject Area:** Health/Wellness

**Fridays:** Single Session 11:00 AM - 12:30 PM  
**Start:** Fri 10/28/22  
**End:** Fri 10/28/22

**Location:** Online Zoom Offering 1  
**Class Size:** 300

**Course Description**
The Study Group will focus on what those preparing for Social Security Retirement Benefits typically want to know: How and when to apply; How the benefit is calculated; Different filing options/strategies; Benefits for spouses; Working and collecting benefits simultaneously and more. The live Study Group is followed by a live Q & A session and is led by Social Security Public Affairs Specialist, Jack Burns.

**Instructor:** Jack Burns

Public Affairs Specialist in Arizona for the Social Security Administration. He has worked with The Social Security Administration for over 20 years. Prior to working as a Public Affairs Specialist, he worked training and supervising benefit services staff in Social Security offices in Phoenix and Mesa, AZ. Jack has a B.A. from The University of Connecticut and a M.Ed. from ASU.

The Creative Process

**Subject Area:** Arts/Culture

**Fridays:** Single Session 11:00 AM - 12:30 PM  
**Start:** Fri 11/4/22  
**End:** Fri 11/4/22

**Location:** Online Zoom Offering 1  
**Class Size:** 300

**Course Description**
How does creativity happen? Where does it come from? And why is it so hard to predict or control? The creative process as experienced by inspired artists, innovators, and visionaries remains something of a mystery. For more than three decades, the instructor has delved into this mystery directly through interviews, archival research, surveys, and first-person approaches. His research challenges basic assumptions about the definition, source, and experience of creativity. Here, you will explore a new way of envisioning the creative process that will offer you a point of entry for deepening your connection with your own creativity. You will discover the ten tenets of Deep Creativity, starting with the notion that "creativity is not what you think."

**Instructor:** Victor Shamas

Victor Shamas, Ph.D. is a retired University of Arizona psychologist, lecturer, retreat facilitator, and author of four books: Deep Creativity, The Way of Play, The Chanter's Guide, and Repose: The Potent Pause. His research is featured in the TEDx talk, "The Art of Creative Inspiration." Besides being the co-founder and director of two non-profit groups, Global Chant and PlayHaven, Victor has produced over 250 videos (e.g., "The Beatles: Six Creative Secrets Revealed in Get Back") and writes a blog on topics related to creativity and inspiration. He is the proud and loving husband of Maria Shamas.
Online Classes: Osher Shared

Mondays

Myths, Legends, and Tales of the Celts

Subject Area: Arts/Culture, Literature/Writing/Language

Mondays: 12 Sessions 10:00 AM - 11:30 AM
Start: Mon 9/12/22
End: Mon 12/5/22 - Note: 10:00 AM start time - Daylight Savings Time ends on Sunday, November 6. After that date, this class will begin at 11:00 am - No Class Week of Thanksgiving
Location: Online Zoom Offering

Course Description
Shared From OLLI at Chico State CA

W.B. Yeats, in his essay "The Celtic Element in Literature," spoke of visions of a world expressed by people who "believed that trees were divine, and could take a human or grotesque shape and dance among the shadows." Once a powerful people who dominated much of Europe, the Celts were reduced to a few small groups after the Roman invasions. However, their mythology survived, thanks largely to the efforts of medieval Irish and Welsh monks who wrote down the stories.

Instructor: Lynn Elliott
Dr. Lynn H. Elliott is emeritus professor and former chair of English at Chico State University. Besides his prose and award-winning playwriting, he is also a multiple award-winning national and international screenplay writer. He has taught this class before and from it developed a screenplay that won awards at the Dublin (Ireland) International Film Festival, besides other venues.

Tuesdays

Slow-Reading Shakespeare: As You Like It

Subject Area: Arts/Culture, Literature/Writing/Language

Tuesdays: 12 Sessions 10:30 AM - 12:00 PM
Start: Tue 9/13/22
End: Tue 12/6/22 - Note: 10:30 AM start time - Daylight Savings Time ends on Sunday, November 6. After that date, this class will begin at 11:30 am - No Class Week of Thanksgiving
Location: Online Zoom Offering

Course Description
Shared From OLLI at Chico State CA

Once again, we will try to take apart a Shakespeare play and figure out how and why it works. As You Like It is one of the most congenial of all Shakespeare offerings, with plenty of opportunities to explore its place in the culture of its time. I'll do some talking as necessary to sketch background and add context but will try to let it function as a group discussion. No prior exposure to Shakespeare necessary.

Note: You will need a copy of the play. There are many options: email me for guidance at jdayer@ucdavis.edu.

Instructor: Jack Ayer
Jack Ayer spent his working life as a professor, lawyer, newspaper reporter. Dabbled in high culture along the way. OLLI gives me the chance to indulge myself in Shakespeare and in Ancient Greek culture, collaborating with other OLLIvians of a similar bent.
Wednesdays

Claude Monet: Observation and Calculated Design

**Subject Area:** Arts/Culture

**Wednesdays:** 5 Sessions 1:00 PM - 2:30 PM  **Start:** Wed 9/14/22  **End:** Wed 10/12/22  
**Location:** Online Zoom Offering  **Class Size:** 300

**Course Description**

Shared From OLLI at Chico State CA

Monet’s devotion to painting the colors of specific times of day is well known. In my class, I’ll discuss less familiar aspects of his art in which Monet blends observation with calculated design.

Instructor: Dolores Mitchell

Dolores Mitchell received a BA in studio art and PhD in art history from UCLA in 1970 and taught Renaissance to 20th Century Art History at Chico State for 30 years. She co-founded Chico’s Avenue 9 Gallery, where she exhibited her art until the gallery closed in 2015. Dolores now focuses her energies on painting.

Thursdays

Parables to Die For: Jesus & His Dangerous Social Critique

**Subject Area:** Philosophy/Spirituality/Religion

**Thursdays:** 5 Sessions 10:00 AM - 12:00 PM  **Start:** Thu 9/15/22  **End:** Thu 10/13/22 -  **Note:** 2-hour class from 10:00 AM to 12:00 PM  
**Location:** Online Zoom Offering  **Class Size:** 300

**Course Description**

Shared From OLLI at Chico State CA

This class approaches the parables in the social, cultural, and political setting of first-century Palestine. It will ask what the listeners of that setting might have heard when Jesus gave these parables, what they might have felt about the various characters Jesus sketched, and how the teachings might have challenged them personally. Taking seriously the fact that Jesus was executed as a revolutionary, it will probe why the Roman-backed government found the teachings the parables contained troublesome.

Instructor: Ginger Hanks Harwood

Dr. Ginger Hanks Harwood graduated with a degree in religion and ethics from the University of Denver/Iliff School of Religion joint PhD Program. She served as a hospital chaplain before starting her career as a university professor of religion. She has taught classes in bible, gender studies, ethics, and nineteenth-century American religious history. An international speaker and scholar, she is a member of the American Academy of Religion and the Society of Religious Literature. She has published in the areas of ethics, gender studies, and American religious history. She still teaches classes on bible topics and ethics.

The James Webb Space Telescope: A Triumph of Technology Development

**Subject Area:** History/Current Events, Science/Math/Technology

**Thursdays:** Single Session 9:15 AM - 10:30 AM  **Start:** Thu 10/6/22  **End:** Thu 10/6/22 -  **Note:** 9:15 AM start time

**Location:** Online Zoom Offering  **Class Size:** 300

**Course Description**

Shared From OLLI at Rochester Institute of Technology

Will the world look back and realize that 2022 was the defining moment for Astrophysics that happened in our lifetime? With a BA from Northwestern University with a triple major in physics, math, and astronomy, an MS in astronomy and astrophysics from the University of Chicago, and a Ph.D. in astronomy from the University of California, Los Angeles, Dr. Figer was poised for discoveries. As the director of both the Center for Detectors and the Future Photon Initiative and as a professor in the College of Science at Rochester Institute...
of Technology, Dr. Figer researches massive stars, massive star clusters, the Galactic center, and advanced detectors for cross-disciplinary applications. He previously was co-founder and director of the Independent Detector Testing Laboratory at the Space Telescope Science Institute where he led a team to do the competitive characterization of prototype infrared detectors for the James Webb Space Telescope. He identified the Pistol star as one of the most massive known. He made the first direct measurement of an upper limit to the masses of stars and has discovered more evolved massive stars and massive star clusters in the Galaxy than any other researcher. His detectors and have been used in Nobel Prize-winning research that discovered dark energy and the supermassive black hole at the center of the Galaxy, and his work continues.

Instructor: Donald Figer
Donald Figer, Ph.D., RIT Professor, Director of the Center for Detectors and Future Photon Initiative and Rochester Imaging Detector Laboratory

What Would a War with N. Korea Look Like?

Subject Area: History/Current Events

Thursdays: Single Session 10:15 AM - 11:30 AM
Start: Thu 11/10/22 End: Thu 11/10/22 - Note: 10:15 AM start time
Location: Online Zoom Offering Class Size: 300

Course Description
Shared From OLLI at Rochester Institute of Technology
Anthony dared to vote in the 1872 election, basing her eligibility on the newly ratified 14th Amendment that granted citizenship to anyone born within our nation's borders. Her trial was national news. Was Susan B. Anthony on trial, or was it the US Constitution? How do states erect barriers between citizens and the ballot box? We'll examine the trial and what was at stake, then and now.

Instructor: Deborah L. Hughes
Deborah L. Hughes is the President and CEO of the National Susan B. Anthony House. Ms. Hughes has held her current position since 2007. During her tenure the Anthony Museum has completed a major phase of restoration to the National Historic Landmark, secured its Absolute Charter as a museum, and dramatically grown attendance while staying true to its mission and vision. Ms. Hughes has spearheaded innovative programming and events such as the award-winning VoteTilla.

Phone: 520.626.9039    Email: ollimail@arizona.edu    Website: www.olli.arizona.edu
Online Speaker Series

OLLI-UA 2022-2023 Speaker Series


Various Mondays: 1:00 PM - 2:30 PM

Location: Online Zoom Offering Class Size: 300

Course Description
Sign up once for our speaker series, and we will register you for each online event for the entire year to come! One hour prior to each webinar, you'll receive an email confirmation with a clickable Zoom link. Speaker series online presentations are held on Mondays at 1:00 pm Arizona time.

Upcoming Offerings

September 19: Mark Sheldon - "Is Taiwan Really the Next Ukraine?"

October 3: Mike Agron - "Songs from the Great American Songbook - The Intersection Between Entertainment and Social Justice"

November 14: Krista Elrick - "Where are the birds? Rediscovering the Landscapes of John James Audubon"

Presenters: Invited Guests and Scott Aldridge, OLLI-UA Program Manager
Online Special Interest Groups (SIGs)

What are Special Interest Groups?
Special Interest groups (SIGs) tend to be ongoing activities that are more social in nature. It’s easy to join. You register just like you do for a class. There is a new menu for special interest groups on the Browse Classes menu of the website or you can register on the links below. Want to start a special interest group at OLLI? It can be online or in-person. Let us know your ideas: email us at ollimail@arizona.edu

Wednesdays

Aging Gracefully

Select Wednesdays: 1:00 PM – 2:30 PM
Location: Online Zoom Offering Class Size: 300

Course Description
Join this ongoing group to learn ways to stay vital through our aging process. Each week we welcome a new guest speaker and we’ll discuss a new way of aging gracefully.

Hosts: Mary Ellen Klawiter, Susan Williams, Arnie Bianco, Ann Tai, Linda Myers, and Rinda Moore

August 17 - Arizona Good Times - Arnie Bianco and Susan Williams

Having positive relationship experiences are the lifeblood of successful relationships. We will present a large number of good time activities including water recreation, one/two-day trips, and in-town ideas.

August 24 - Active Aging: The Value Of Getting In Motion - Rinda Moore

Create an understanding of how the body is affected by inactivity and suggestions for how to stay or get in motion.

More dates to come.

Fridays

Virtual Lounge Happy Hour

Every Friday: 5:00 PM – 7:00 PM
Location: Online Zoom Offering Class Size: 300

Course Description
Join your OLLI friends online for lively conversation!

Hosts: Trudy Hill, Sherry Goncharsky

Continued...
Saturdays

**Story Sharing Hour**

**Select Saturdays:** 3:00 PM – 4:00 PM  
**Location:** Online Zoom Offering **Class Size:** 300

**Course Description**  
Join us online on the dates listed to share holiday memories. Everyone who likes to talk (or listen) is invited to join!  
- September 24 - School Memories  
- October 29 - Halloween Memories  
- November 26 - Thanksgiving Memories  
- December 31 - Holiday Memories

Host: Frankie Harris

Sundays

**Fun with Games!**

**Select Sundays:** 3:00 PM – 4:00 PM  
**Location:** Online Zoom Offering **Class Size:** 300

**Course Description**  
Spend an hour in the virtual lounge playing popular board games that have been adapted to online. Two games will be played each session: one with teams competing and one with individual scoring. Just show up: we provide the online games! This is a friendly competition with lots of fun and laughter to be shared!  
All Sundays in August, September, October, November, and December 4, 11, and 18.

Hosts: Frankie Harris, Susan Williams