Thursdays

Abe Lincoln in Illinois

Subject Area: History/Current Events

Thursdays: Multi Session 6 Sessions 4:00 PM - 5:30 PM Start: Thu 3/7/19 End: Thu 4/11/19

Tucson Place: Saguaro Room

$90 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members. Optional book available from Amazon for no more than $19.00.

Course Description
"Abe Lincoln in Illinois" is a discussion-oriented study group concentrating on the development of Lincoln's ideas and beliefs before he became President. It includes the following topics: Lincoln the Family Man; Lincoln, Whig Politician; Lincoln, the Prairie Lawyer; Lincoln, Race, and Slavery; Lincoln, Republican Leader; and Lincoln the Nationalist. Sessions will focus on Lincoln's own writings, included in Andrew Delbanco, "The Portable Abraham Lincoln," Penguin Books, 2009, ISBN 978-0143105640. Purchase of the book is optional. It can be acquired from Amazon or other online stores.

Instructor: Marshall Spatz

Dr. Marshall Spatz has been an OLLI member for three years. He received his doctorate in American History from the University of Chicago. Before an extensive career in educational finance and administration, he taught at several universities, including the University of Kentucky and the University of Missouri, Columbia.

Imperialism: 1870 - 1914

Subject Area: History/Current Events

Thursdays: Multi Session 3 Sessions 4:00 PM - 5:30 PM Start: Thu 3/7/19 End: Thu 3/21/19

Tucson Place: Palo Verde Room

$45 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
This course is about the scramble for overseas possessions and spheres of influence by the industrialized West and Japan in the late 19th and early 20th centuries. Imperialism of course caused unspeakable horrors for some of the conquered peoples, and arguably had bad effects for the conquerors as well. We understand all that going in, but the purpose is not to dwell upon the awfulness. We want to look at the thing in its entirety: Cause and effect interaction of economic motives, nationalism and the "civilizing mission". Technology, infrastructure, resource exploitation. Religion and education. Capitalism and democracy. Globalization and enlightenment ideals.

Instructor: Jesse Frey

I am a "pretend perfesser", with sparse credentials. I do a lot of OLLI courses by outsourcing most of the work to real teachers who are scholarly, entertaining and available online.
The Ocean From Space

Subject Area: Science/Math

Thursdays: Multi Session 6 Sessions 4:00 PM - 5:30 PM  Start: Thu 3/7/19 End: Thu 4/11/19
Tucson Place: Ocotillo Room
$90 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
The Ocean influences all life on earth. Half the oxygen we breathe comes from microscopic plants in the ocean. Weather on seasonal, annual, and decadal scales responds to oscillations in the ocean. Floods, droughts, hurricanes and tornadoes are all tied to ocean processes. With the advent of space based observations we can monitor the ocean on a nearly continuous global scale. Biological activity, heat transport by currents and ocean oscillations such as El Nino / La Nina can all be measured from space. Emphasis will be on how the ocean drives short and long term weather patterns. Videos and slides are used to present information. No prior knowledge is necessary.

Instructor: Bob Barry

Bob has had three “careers.” He was a traditional Navy Line officer for 8 years serving on two Destroyers and River Patrol Boats. After receiving an M.S in Oceanography, he became a Navy Oceanography specialist for 16 years. His primary focus was on how to use the complexity of the ocean to improve Anti-Submarine Warfare efforts. After the Navy, he was a program manager at Ball Aerospace and worked on several environmental satellite programs.

Equivocal Death Investigations

Subject Area: History/Current Events, Social Sciences

Thursdays: Multi Session 2 Sessions 4:00 PM - 5:30 PM  Start: Thu 3/28/19 End: Thu 4/4/19
Tucson Place: Palo Verde Room
$30 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
A non-lawyer’s clarification about death investigations in the US. The course will answer the question of what is the legal difference between a homicide, murder, manslaughter and/or suicide. The class will review the more infamous or controversial recent homicides. Additionally, the class will try to clarify the many news media and misconceptions and/or misreporting of when a homicide is not a murder.

Instructor: Dave 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 Chairperson and Assistant Professor of the Mercyhurst University’s Tom Ridge School of Intelligence Studies in Erie, PA.
He has developed and delivered courses for the US State Department, Diplomatic Security Office, and Anti-Terrorism Assistance Program. He taught these classes for law enforcement agencies in numerous foreign countries. Additionally, he developed and taught courses for the FBI National Academy, FLETC, Drugs/Violence Task Forces, the National White-Collar Crime Center plus numerous other government or business agencies.

He holds advanced degrees from Pennsylvania State University and Pepperdine University. Dave and his wife Kitty currently reside in Vail, AZ.

**Southeast Arizona Lawmen Not Named Earp**

**Subject Area:** Arizona History/Culture

**Thursdays: Single Session** 1 Sessions 4:00 PM - 5:30 PM  **Start:** Thu 4/11/19  **End:** Thu 4/11/19

**Tucson Place:** Palo Verde Room

$15 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**

In the years (1900 – 1920) bracketing the 1912 Arizona statehood was a time of violence. Cattle rustlers, mine claim jumper’s disputes, train/stage coach robberies and drunken saloon shoot-outs were common. If Arizona was to become the 48th state it needed to control this violence. It took men with strong character and dedication to the law to ensure justice. While the Earp brothers earned their fame in 1880’s in Tombstone other brave lawmen stood up in the early 1900’s. It is the exploits of these less famous lawmen but even of more importance that we will review. This session will cover the 9-year history of the Arizona Rangers. It also will cover the deadly shooting of 3 lawmen in the 1918 around Safford AZ which will become known as the Powers War.

**Instructor:** Dave 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 Chairperson and Assistant Professor of the Mercyhurst University’s Tom Ridge School of Intelligence Studies in Erie, PA.

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He holds advanced degrees from Pennsylvania State University and Pepperdine University. Dave and his wife Kitty currently reside in Vail, AZ.
Desert Dangers: Venomous Creature of the Southwest

Subject Area: Science/Math

Thursdays: Single Session 1 Sessions 6:00 PM - 7:30 PM  Start: Thu 3/7/19  End: Thu 3/7/19
Tucson Place: Ocotillo Room

Course Description
Poison, venom, danger! Arizona is considered the venomous creature capitol of the United States, with more rattlesnake bites per capita than any other state. The Arizona Poison and Drug Information Center specializes in bites and envenomations, and is here to help you prevent and treat venomous encounters. In this course, participants will identify the venomous creatures of the Arizona desert, from rattlesnakes to Gila monsters. Participants will learn animal behavior, bite and sting prevention, and first aid in case of envenomation. There will be an “up close and personal” look at a couple of our native creatures, including a live scorpion and Colorado River toad. No prior knowledge is necessary to participate.

Instructor: Laura Morehouse

Laura Morehouse conducts education and outreach for the poison center. Ms. Morehouse is a certified health education specialist with interest in curriculum development, program design and evaluation. She holds a master's degree in public health with an emphasis in health behavior and health promotion from the University of Arizona. As the educator for the poison center, she is available for presentations on poisoning prevention, venomous desert creatures, elder adult concerns, and is a resource for toxic hazard concerns.

Status of Science in the US Today; High Energy Physics after the LHC

Subject Area: Science/Math

Thursdays: Single Session 1 Sessions 6:00 PM - 7:30 PM  Start: Thu 3/7/19  End: Thu 3/7/19
Tucson Place: Saguaro Room

Course Description
Briefly, I’ll talk about the status of science in the US today. The sources of this report are: The Center for Science and Democracy at the Union of Concerned Scientists; request in December 2017 to the federal government from 30 US Scientific Organizations; official instructions from the government to US public health agency and environmental agency regarding the language to be used in their public report and presentations at scientific meetings. Next, I’ll give an overview of the several plans for High Energy Physics, as possible follow-ups to the present CERN Large Hadron Collider (LHC).

Instructor: Juan Gallardo

A retired physicist from Brookhaven National Laboratory (NY) since 2012. I have been an SGL for the last 3 1/2 years. I have led study groups on literature and physics.
Comic Relief

Subject Area: Arts/Culture

Thursdays: Multi Session 5 Sessions 6:00 PM - 7:30 PM  Start: Thu 3/14/19  End: Thu 4/11/19
Tucson Place: Ocotillo Room
$75 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
Standup comedy is an increasingly popular aspect of our contemporary society. During this class, we'll watch and dissect the work of prominent comics and live local comics, explore the social and political influences that shape comedy, and assess the longstanding impact of comedy on culture. This is not a performance class, but we will also talk about the "mechanics of funny," the science of laughter, and opportunities to get involved in standup, improv, and comedy storytelling.

Instructor: Nancy Stanley

I became interested in standup comedy and performed my first set in 2011, at the age of 57. Since then, I have performed (mostly for free) in four countries and in more than a hundred venues. I was twice a semi-finalist in the Arizona's Funniest Comedian contest, and a featured "Wild Woman of Comedy" at the Laughlin Laff Fest. I have produced and hosted the popular fundraiser, "The Estrogen Hour" for four years. I'm also a student of the history and sociology of comedy.

Life After Life - A Discussion of Near-Death Experiences

Subject Area: Philosophy/Religion

Thursdays: Multi Session 2 Sessions 6:00 PM - 7:30 PM  Start: Thu 3/14/19  End: Thu 3/21/19
Tucson Place: Saguaro Room
$30 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
We'll begin by watching a documentary movie based on Dr Raymond Moody's best selling book, Life After Life, and then discussing the implications for our understanding of our attitude toward life.

Instructor: Joe and Pat Ambrosic

Joe and Pat are educational professionals. Joe has an advanced degree in counseling and school psychology. Pat has an advanced degree in special education. Both are long term students and teachers of meditation, with over 40 years of experience.
**Mystic Poetry of Hafiz, Rumi, and Darshan**

**Subject Area:** Philosophy/Religion

**Thursdays: Single Session 1 Sessions 6:00 PM - 7:30 PM  Start: Thu 3/28/19 End: Thu 3/28/19**

**Tucson Place:** Saguaro Room

$15 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**

We'll begin with a discussion of what mysticism is. Then we'll discuss why these poets have been so popular through the ages and in modern times. We'll talk about the special symbolism used by these poets and examine some of their poems.

Instructor: Joe and Pat Ambrosic

Joe and Pat are educational professionals. Joe has an advanced degree in counseling and school psychology. Pat has an advanced degree in special education. Both are long term students and teachers of meditation, with over 40 years of experience.

**The Gospel of Airpower: Strategic Bombing from 1670 to Today**

**Subject Area:** History/Current Events

**Thursdays: Single Session 1 Sessions 6:00 PM - 7:30 PM  Start: Thu 4/4/19 End: Thu 4/4/19**

**Tucson Place:** Saguaro Room

$15 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**

This course will review the history of aerial bombardment from its speculation in 1670 to the current technological age with its destructive capability. We'll review the impact aviation had on the Great War of 1914 - 1918 and the impact the newly endowed Gospel of Airpower had on military theorists as they prepared for the next great war. We'll cover how the Gospel affected both the Axis and the Allies in World War II and subsequent conflicts. Finally, we will speculate on the future of this Gospel in an immensely technological and nuclear age.

Instructor: Don Cassiday

Commissioned in the USAF in 1956, Cassiday received his wings in 1957 and flew the B-47 in the Strategic Air Command and pulled nuclear alert against strategic targets in the Soviet Union until 1963. Following medical grounding, he became a maintenance officer and logistician with subsequent assignments in Headquarters Command USAF, The Royal Air Force Staff College, Headquarters United States Air Forces Europe and then to the Air War College. After graduation, he was retained on the faculty of the Air War College. He ended his career at the Pentagon in charge of Aircraft and Missiles logistic programs for Headquarters USAF. Following retirement in 1977, he served as Dean of Aurora University School of Business, Vice President of Merchants Bancorp, and Dean of the North Park University Business School. In 2004 he was appointed by the Speaker of the House of Representatives to serve as a commissioner on the Veterans Disability Benefits Commission to review all Veterans benefits and report to the Congress and President.
Documentary of President George H. W. Bush's Life from 41 Storytellers

**Subject Area:** History/Current Events

**Thursdays:** Single Session 1 Sessions 6:00 PM - 7:30 PM   **Start:** Thu 4/11/19  **End:** Thu 4/11/19

**Tucson Place:** Saguaro Room

$15 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**
This is a presentation of the DVD "41 on 41." It contains 41 stories about our 41st president that reveal many facets of this remarkable man. These stories explore the policy decisions, bipartisanship, good humor and character that shaped his life and marked his tenure as leader of the free world.

Instructor: George Hubbard

I am a retired engineer from Raytheon and have been a member of OLLI for 5 years.

Saturdays

China Today

**Subject Area:** History/Current Events

**Saturdays:** Multi Session 6 Sessions 9:00 AM - 10:30 AM   **Start:** Sat 3/9/19  **End:** Sat 4/13/19

**Tucson Place:** Ocotillo Room

$90 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**
China today is the world's most populous country and will soon have the world's largest economy. To understand China it is helpful to know something of its history, culture and diversity. This course builds on the OAH course Understanding China presented in the Fall OAH, but does not require it as we continue to examine today's China is all its complexity.

Instructor: David Shawver

Dr. David Shawver worked in Guangzhou, PR China, from 1998-2007 as the Director of the American International School of Guangzhou. He also served as President of the Association of China and Mongolia International Schools and traveled widely in China.
DNA And You

Subject Area: Philosophy/Religion, Science/Math

Saturdays: Multi Session 6 Sessions 9:00 AM - 10:30 AM  Start: Sat 3/9/19  End: Sat 4/13/19

Tucson Place: Saguaro Room

$90 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
DNA studies in the past ten years have profoundly influenced virtually every aspect of man's understanding of himself, his origins, his concept of race and his religious beliefs as well as his respect for science. All of these themes will be discussed in this six week lecture series.

Instructor: Jack Gallagher

Jack holds degrees in biochemistry, theology, counseling and education and did his doctoral work in psychology at New York University. He has the ability to speak knowledgeably on a wide variety of subjects due to his varied academic background. Jack held licenses in both counseling and mediation in the State of Idaho. In retirement, Jack has become an avid reader of American and world history. His professional career includes 30 years as an educator and 40 years as a mental health professional.

Photo Journal of 28 Years Cycling Asia/China

Subject Area: Travel/Entertainment

Saturdays: Multi Session 2 Sessions 9:00 AM - 10:30 AM  Start: Sat 3/9/19  End: Sat 3/16/19

Tucson Place: Palo Verde Room

$30 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
Through my photo journals, explore the geography, scenery, history, culture, and fun 'war stories' while cycling Bhutan, Mongolia, Sikkim, Tibet, Qomolungma (Mt. Everest), Japan, and Taiwan, plus 14 'must see' places in China.

Instructor: Norman Land

Norm received his BSCE and MBA from the University of Colorado in 1969, followed by 10 years in various carriers such as a Professor, VISTA Volunteer, and Marketing V.P., before opening the Good Earth Restaurant & Bakery here in 1979. After a 20 year run, he switched to management consulting but was recruited by Shaanxi University, Xi’an, China in 2010 to teach marketing and management for the next 7 years. During those 50 years post college, he continued to indulge in his passion for travel, with some 50 trips around the world, 44 of them via his other passion, cycling.
Sri Lanka: An Island with a Past to Match Its Beauty

Subject Area: Travel/Entertainment

Saturdays: Single Session 1 Sessions 9:00 AM - 10:30 AM  Start: Sat 3/23/19  End: Sat 3/23/19
Tucson Place: Palo Verde Room
$15 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
For many years, this country, previously known as Ceylon, has been off limits due to severe clashes between a Buddhist majority and a militant Tamil (Hindu) minority. With a long history of indigenous settling, supplanted by Portuguese, Dutch and British colonialism, Sri Lanka is now open to visitors and offers a wonderful panorama of scenery, geographical variety, cultural identity and very early Buddhist sites. Kelvin Kent and his wife, Becky, have just returned from this beautiful country which boasts the oldest democracy in Asia.

Instructor: Kelvin Kent
Kelvin is a retired British military officer who moved to the US in 1976 and successfully operated a small business. He has traveled extensively and participated in many world-wide expeditions including two major Himalayan climbs. He is the published author of five books and presents regularly on subjects ranging from world religions and cultures to leadership, exploration, the Indian sub-continent and fundraising. He is a Fellow of the British Royal Geographical Society and has presented several classes before to OLLI Green Valley. His website is kelvinkent.com.

National Elections, What Are You For?

Subject Area: History/Current Events

Saturdays: Multi Session 2 Sessions 9:00 AM - 10:30 AM  Start: Sat 3/30/19  End: Sat 4/6/19
Tucson Place: Palo Verde Room
$30 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
Like many Americans, I have been concerned about the negativity regarding US National Elections for some time and I believe we can do better. If we can listen to each other, treat each other with respect and civility, encourage intelligent thought, the more we can learn from each other. This, in my estimation, increases our ability as citizens to address National issues and problems. The purpose of this class is to encourage participants to engage in a positive discourse on National Elections. Participants will have an opportunity to create their own list of issues which they will support during the next National Election. The first class will be to discuss the parameters for each participant to create his/her own list. There are requirements to this endeavor. The second class will be an opportunity for participants, if they wish, to share one or more of National issues on their list. It is very important to note, there will be no criticism of any participants list of issues. Participants can only be positive on their issues, not negative on anyone else's. Once everyone has had a chance to present one or more of the issues on their list, there will be an opportunity for questions asking for more information or clarity on an issue.
Instructor: Doyle Ranstrom

I am a CFP®, I also have a Masters in Financial Planning and 40+ years of experience in the financial service industry. I sold my firm the end of 2016 and started a consulting company. My website www.doylearanstrom.com both contains my bio and articles written primarily by me.

**Introduction to Tai Chi Principles**

**Subject Area:** Health/Self Help

**Saturdays:** Multi Session 6 Sessions 11:00 AM - 12:30 PM  
**Start:** Sat 3/9/19  **End:** Sat 4/13/19

**Tucson Place:** Saguaro Room

$90 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**

Classes will explain and practice Tai Chi, chi gung and nie gung principles and movements. Will include history, religion and development of Tai Chi as a health practice and a martial art.

Instructor: Duncan Scott

Duncan is a Tai Chi instructor who has studied and taught Tai Chi, Eastern Religions and martial arts throughout his career.

**Opera 101 for the Non-Believer**

**Subject Area:** Arts/Culture

**Saturdays:** Multi Session 5 Sessions 11:00 AM - 12:30 PM  
**Start:** Sat 3/9/19  **End:** Sat 4/13/19 - No class on 3/30/2019.

**Tucson Place:** Ocotillo Room

$75 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

**Course Description**

Does opera scare you? Do you know you don't like opera based upon having heard it on the radio and concluding it was just people screaming in languages you don't understand?

Opera is much better than that. The subtleties of the lyrics are shown in English subtitles, the voice is the most extraordinary instrument that there is, and your right brain can take you to dramatic and joyful experiences.

We'll look at opera terms, listen to arias by men and by women, and the last class will be a complete opera so you can get the full experience with what you have learned about opera.

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.

Viva la France - A Comprehensive Journey from South to North

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

Saturdays: Multi Session 5 Sessions 11:00 AM - 12:30 PM  Start: Sat 3/9/19  End: Sat 4/6/19
Tucson Place: Palo Verde Room
$75 for OLLI-UA After Hours Pay-Per-Class members. So for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
This is a 5-part comprehensive narrated educational video program representing personal travels in France. In parts 1 and 2, in Southcentral France we begin in early spring where we experience a guided walking tour of the Dourdogne River valley and its famous Medieval charming villages, art, Chateau (castles), awesome beauty, and famous caves where prehistoric peoples expressed much of their lives with wall paintings. Part 3 transports us to the Burgundy region where we board a small luxury barge and for 7 days enjoy the beauty and history/culture of the old canals, vineyards, Chateau, village life and bicycling the lush countryside. Part 4 finds us independently traveling north to Normandy where we discover the sobering history at the D-day beaches. With some archival film we explore more deeply the historical backdrop of this pivotal WWII battle. Lastly, the spectacular Medieval Abby resting atop a tidal island captures our attention at Mt. St. Michel. In part 5, we conclude our french journey in Paris, the city of light and art. This rich and fascinating french Capitol is revealed in a comprehensive and sensuous "brush" so that the viewer will often have a vicarious experience of being in this place of magnificence and wonder. We depart France with some contemplation on the unique and admirable nature of their history and culture.

Instructor: Gordon McCall

BA, MA, 30 years a professional educator in Psychology and World History, world traveler and student of world cultures, 5 years of 4 different advanced onsite study programs on the Pueblo People.

iPhone and iPad APP SESSION with John Nemo

Subject Area: Health/Self Help

Saturdays: Single Session 1 Sessions 11:00 AM - 12:30 PM  Start: Sat 3/30/19  End: Sat 3/30/19
Tucson Place: Ocotillo Room
$15 for OLLI-UA After Hours Pay-Per-Class members. So for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description
iPhone and iPad apps are fabulous when you know the best ones and understand how to use them. Let's have an APP SESSION where we discover what apps are best for you. Be prepared to tell everyone one or two of your personal favorites from Apple and other companies. This will be a lively and informative discussion that will enhance your iPhone and iPad experience.

Instructor: John Nemerovski
John Nemo uses his iPhone and iPad with the best possible apps every day. He is an experienced iPad and iPhone instructor who leads the monthly iPad and iPhone Basics class at Tucson’s Macintosh User Group in addition to his regular courses for The Learning Curve and his private tutorial workshops.

Art and Science - Ways of Knowing the Sonoran Desert

Subject Area: Arts/Culture, Science/Math

Saturdays: Single Session 1 Sessions 11:00 AM - 12:30 PM  Start: Sat 4/13/19  End: Sat 4/13/19

Tucson Place: Palo Verde Room

$15 for OLLI-UA After Hours Pay-Per-Class members. $0 for OLLI-UA After Hours Unlimited members and OLLI-UA Campus members.

Course Description

The environmental challenges of the 21st century— notably loss of habitat and biodiversity— require creative and innovative collaborations, such as those experienced when artists and scientists work together. Learn how the arts, specifically Art-Based Perceptual Ecology (ABPE) research methods when practiced in collaboration with Western science methods are a way of knowing the ecology of place.

ABPE offers a language that codifies one’s embodied experience in the natural world, acts as a language translator and makes possible the information exchange necessary to communicate place-based stories – the environmental history of the Sonoran Desert.

In this lecture, audience members will learn concepts key to ABPE as Dr. Woolery shares stories of her field research conducting biodiversity inventories in the Sonoran Desert.

Why is this work important? By learning pluralistic ways of perceiving the landscape, we may come to know the place in which we live, and find connections with the local habitat. Achieving this multi-dimensional sense of place may contribute to a deeper ethic of caring about the environment, leading us to be good stewards of our ecological and cultural communities.

Instructor: Lee Ann Woolery

Dr. Lee Ann Woolery: With a focus on divergent ways of knowing, Dr. Woolery pioneered Art-Based Perceptual Ecology, a unique research methodology used in collaboration with Western science methods to study the environment. Woolery is an interdisciplinary scholar, researcher, a practicing artist, and educator of over 30 years. Dr. Woolery has taught art-based environmentally focused workshops at Saguaro National Park, AZ; Red Butte Gardens, UT; and IslandWood, Bainbridge Island, WA. Woolery has also taught “Art and the Environment” classes at University of Washington- Island Wood, University of North Carolina-Asheville and The School of the Art Institute of Chicago. Woolery holds a Doctorate in Environmental Studies from Antioch University New England and a graduate degree from The School of the Art Institute of Chicago. Her doctoral field study in Desert Ecology was conducted in the Sonoran Desert in Arizona and Mexico. Dr. Woolery’s dissertation: Art-Based Perceptual Ecology as a way of knowing the language of place, and additional information on her research, workshops and field expeditions can be found at EcoArt Expeditions. www.ecoartexpeditions.com