Monday

Experiencing Great Art

Mon 9:00 AM - 11:00 AM start: 9/18/2017 end: 12/11/2017
Tucson Place Saguaro

Course Description

Would you like to better enjoy your next museum visit? Using lectures from a Great Courses offering as a starting point, we will examine and discuss additional artworks that illustrate the same criteria and ideas. Professor Sharon Latchaw Hirsh, the lecturer in this series, is an internationally recognized scholar in Western European art at the turn of the 20th Century.

Study Group Leader(s)

Isabel Aaronson
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.

Western Political Thought, Part I

Mon 9:00 AM - 11:00 AM start: 9/18/2017 end: 12/11/2017
Tucson Place Ocotillo

Course Description

This is an introduction to Western Political Thought in historical context. Yale University has made available undergraduate courses from the Classics, History, Political Science and Philosophy Departments, on video. Selections from these lectures are used to organize our subject matter. We begin in the Bronze Age, then spend a good bit of time with the Greeks. A day or so with the Romans. Then the impact of Christianity. Machiavelli, of course. Reformation, Renaissance and Age of Reason. The Enlightenment. Maybe we can get to the American Revolution before we run out of time. No guarantee, though, because we keep finding stuff that is too good to leave out. In any case the plan is to pick up where we left off with Part II in the Spring semester, 2018.
Study Group Leader(s)

Jesse Frey
Experienced Study Group Leader.

The Science of Baseball

Mon 9:00 AM - 11:00 AM start: 9/18/2017  end: 12/11/2017
Tucson Place Palo Verde

Course Description

We will discuss deep baseball questions such as, Does the curveball really curve? Can the batter keep his eye on the ball? What does the batter’s eye tell the batter’s brain? What is the sweet spot of the bat? We will present equations, particularly late in the course.

Study Group Leader(s)

Terry Bahill
Terry Bahill is an Emeritus Professor of Systems Engineering and of Biomedical Engineering at the University of Arizona in Tucson. He served as a Lieutenant in the United States Navy. He received his Ph.D. in electrical engineering and computer science from the University of California, Berkeley. He is the author of eight engineering books and over two hundred and fifty papers, over one hundred of them in peer-reviewed scientific journals. Bahill has worked with dozens of high-tech companies presenting seminars on Systems Engineering, working on system development teams and helping them to describe their Systems Engineering processes. He holds a U.S. patent for the Bat Chooser™, a system that computes the Ideal Bat Weight™ for individual baseball and softball batters. He was elected to the Omega Alpha Association, the systems engineering honor society. He received the Sandia National Laboratories Gold President's Quality Award. He is a Fellow of the Institute of Electrical and Electronics Engineers (IEEE), of Raytheon Missile Systems, of the International Council on Systems Engineering (INCOSE) and of the American Association for the Advancement of Science (AAAS). He is the Founding Chair Emeritus of the INCOSE Fellows Committee. His picture is in the Baseball Hall of Fame's exhibition "Baseball as America." You can view this picture at http://sysengr.engr.arizona.edu/.

Understanding Futures and Options

Mon 11:15 AM - 1:15 PM start: 9/18/2017  end: 10/9/2017
Tucson Place Saguaro

Course Description

This course describes the basics of the exchange-traded derivatives, futures and options. It relates the applications or uses, benefits, risks and rewards of these financial instruments.
**Study Group Leader(s)**

**Charlie Rubin**

I wrote a book on this subject – how a stock exchange can enhance it's business by trading futures and options: *Grow Your Stock Exchange with Futures and Options; A Guide to Understanding These Financial Instruments.* You can visit the website, www.growyourstockexchange.com On the book's cover, there is an outstanding endorsement from a former CFTC Commissioner. Several years ago, when the New York Stock Exchange, NYSE, established the New York Futures Exchange, NYFE, with the assistance of two programmers, I was responsible for establishing the NYFE trading and settlement systems, and was VP Operations at NYFE. I also served as the CEO of a stock brokerage firm and a futures brokerage firm. I was one of the original brokerage back-office systems programmers at ADP, which is the largest payroll and brokerage back-office systems provider in the world. (The stock brokerage subsidiary was spun off into a separate company in the early 2000's). I has consulted in more than 10 developing countries in an array of securities and commodity futures projects. In several of the countries, I presented a workshop, “Understanding Futures and Options.” This workshop discusses the benefits, risks, rewards, and applications of these financial instruments. Currently, for post graduate business students, I am a guest lecturer at the University of Arizona (U of A). I also conduct an accredited on-line graduate school program for two university business schools. Both of these programs are on the subject of futures and options.

**News and Views with Horn**

Mon 11:15 AM - 1:15 PM start: 9/18/2017   end: 12/11/2017

Tucson Place Palo Verde

**Course Description**

A weekly discussion of topics chosen by vote of the class. These topics range from current events, politics, local issues and things of personal interest. A wide variety of opinions and knowledge are shared each session.

**Study Group Leader(s)**

**Steve Horn**

A 30 year career with IBM, concentrating on community relations, governmental affairs and diversity. Having moved to Tucson six years ago, I've found OLLI-UA to be a true asset to my varied life as a retiree.

**Modern Bosnia: "More History Than We Can Stand"**

Mon 11:15 AM - 1:15 PM start: 9/18/2017   end: 9/25/2017

Tucson Place Ocotillo

**Course Description**

People in Bosnia-Herzegovina joke that they have "more history than we can stand," a rueful reference to three brutal 20th century conflicts (World War I, World War II, and "the last war" of the 1990s). Indeed, Bosnia is a geographic, political,
and ethnic borderland, where Catholic Western Europe, Orthodox Eastern Europe, and the Muslim Middle East come together. This diversity has led to short, intense periods of inter-ethnic violence, separated by much longer periods of peaceful coexistence and cultural enrichment. In this OLLI course, we will examine both aspects of modern Bosnian history, gaining insights into the triumphs and tragedies of modern Europe, the difficulties/paradoxes faced by European Muslims, and the complexities of life in one of the world’s border regions.

Study Group Leader(s)

Lisa Adeli

Dr. Lisa Adeli is the Director of Educational Outreach at the University of Arizona Center for Middle Eastern Studies, where she organizes programs and speakers for teachers and the community-at-large. She earned a BS in Foreign Service, an MA in History and another in Teaching English As a Second Language, and PhD in History. Her passion is Balkan history (with a minor in Middle Eastern history). In her early 20s, she studied in Belgrade, then the capital of Yugoslavia, though her research - and personal travel - interest is in Bosnia-Herzegovina, where she focuses on the region's multi-culturalism even during periods of ethnic conflict. She has led a number of travel-seminars to Bosnia: several for educators and one for community members. Adeli is also passionate about education. She has taught at the university and community college levels, but much of her career has been spent as a high school teacher. She currently teaches part-time at Cholla High School (Tucson). She is a Teacher Fellow with the U.S. Holocaust Memorial Museum and the National World War I Museum; a (volunteer) staff member of the Educators' Institute for Human Rights; a board member of the Arizona Council for History Education and the Middle East Outreach Council; and an active participant in National History Day in Arizona and the National Council for the Social Studies. She has been an OLLI-UA speaker for years (mostly in Green Valley) and loves the opportunity to teach the intelligent, experienced, and interesting adults that attend OLLI-UA classes.

What You Know Can Kill You: Historic Tragedies From What You Do Not Know & Acting on What You Do

Mon 11:15 AM - 1:15 PM start: 10/2/2017 end: 10/23/2017

Tucson Place Ocotillo

Course Description

Examination of four historical events that led to tragedy - the Donner Party, the Franklin Expedition, the Little Bighorn, and the Scott Expedition - and how decisions where made that seemed right at the time given what the actors knew led to disaster because they didn't know what they didn't know.

Study Group Leader(s)

Leslie Lynch

Retired from 37 years as practicing trial attorney in private practice and corporate settings. Last 15 years as a Civil Division Deputy County Attorney in the Pima County Attorney's Office. History buff. In trial work learned how decisions are made by ordinary people could lead to serious problems no one intended, that ultimately led to litigation. In history, it is fascinating to see how the same dynamic led to serious disasters or tragedies.
The History of Israel/Palestine From 1900 to the Present

Mon 11:15 AM - 1:15 PM start: 10/30/2017 end: 12/11/2017

Tucson Place Ocotillo

Course Description

The history of Israel/Palestine since 1900, showing the events and international policies that shaped the issues and events that have brought Israel, and the Palestinian people, to the state they are in today. The affects of WW1, shaped by both the colonial aspirations of the British and French after the war, and the nationalistic expectations of the Jews and Arabs are covered in detail as well as the current issues that are shaping the Mideast.

Study Group Leader(s)

Kenneth Miller

Ken Miller is a Vietnam Veteran and has lived in Israel twice. Ken first went to Israel as a civilian volunteer during the 1973 Yom Kippur War where he lived on a Kibbutz in the Negev Desert and also in a suburb of Tel Aviv until 1976. Ken lived in Israel a second time, from 1991-1992, residing in the Galilee in northern Israel. Ken has spent a considerable amount of time visiting and working in Israel, chaperoning high school students to Israel and working there as an Archaeologist. Ken received his Undergraduate Degrees from the University of Arizona in May 2008 with Honors with a dual major in both Archaeology and Judaic Studies. Ken was awarded a Graduate Certificate from the University of Arizona in the Judaic Studies Department. Ken is on the staff at the archaeological excavations of Tel Gezer, Israel where he is a Square Supervisor and the dig's Numismatic Specialist. Ken has also worked on other archaeological excavations in Israel including Sephoris, Yodfat and Tel Dor.

The Sax Revolution

Mon 1:30 PM - 3:30 PM start: 9/18/2017 end: 12/11/2017

Tucson Place Saguaro

Course Description

The saxophone, once a humble marching instrument has become one of music's most popular and versatile instruments. This class will explore saxophone history. We will listen extensively to musical selections from You Tube ranging from orchestral to the folk music of many cultures, to the dreamy music of lovers. But the main focus will be on saxophone jazz from its beginnings in vaudeville and circus acts, to Dixieland, to swing saxophonists, through bebop to the creative sounds of the avant garde, and ending with today's contemporary music.
Study Group Leader(s)

Joseph Frilot

In high school, I was a Motown and R&B fan. That all changed in my freshman year in college when a brother in law loaned me Kind of Blue - An LP by Miles Davis. I listen to different kinds of jazz, but my primary interest is contemporary recordings.

Theories Of History

Mon 1:30 PM - 3:30 PM start: 9/18/2017 end: 12/11/2017
Tucson Place Ocotillo

Course Description

Many famous historians, philosophers, psychologists and sociologists in the 20th and 21st Centuries have written best sellers explaining why human history has turned out the way it has. Quite often these experts have been of either “liberal” or “conservative” persuasion, and have used their expertise to “prove” that the world is either slowly moving forward or swiftly going downhill. They include such titles as "The Decline Of the West", "A Study Of History", "Why Nations Fail", "The Downfall of Capitalism and Communism", "A Philosophy Of History", "The Rise And Fall Of the Great Powers", "The Clash Of Civilizations", and so forth. During each week we will read a short summary (usually about 15-20 pages) of one of these works, so that we can then discuss that author’s opinions during the class session. Additional fee per student is $10.

Study Group Leader(s)

Ed Greenberg

Ed Greenberg was an executive with a major Hollywood film company. For more than 50 years his hobby has been history and philosophy.

Tucson: Murals, Gems and Mexico

Mon 1:30 PM - 3:30 PM start: 10/9/2017 end: 10/23/2017
Tucson Place Palo Verde

Course Description

Marge and Norma are facilitating three presentations. One will explore the development of the murals in downtown Tucson. The second will be on the history
and operations of the Gem Show. And the third will be a discussion of the trade between the city of Tucson and Mexico.

Study Group Leader(s)

Marge O'Neil
Marge is interested in the Tucson art scene.

Norma Adams
Norma is a two-year Tucson resident who is fascinated by our street art.

Dance Discussion & Techniques

Mon 1:30 PM - 3:30 PM    start: 12/4/2017    end: 12/11/2017

Tucson Place Palo Verde

Course Description

Dance Discussion & Techniques consists of 2 sessions. (1) Currently, nationally and internationally, a growth in the creation of integrated dance companies using dancers of mixed ability has increased the demand for the development of adaptive dance techniques. Adaptive Dance Techniques are methods in which individuals with disabilities are able to be integrated into a choreographed dance work or dance class. As a result of looking at companies that use dancers and adaptive dance techniques, we will learn how these techniques developed and provide current information on this form of dance. There will be an experiential movement portion to this lecture incorporating adaptive dance techniques, so please come prepared to move! (2) This second lecture will explore the effects of the 1917 Revolution in Russia on classical ballet. We will investigate ballet’s beginnings in Russia, the rise of the three-act ballet, impacts of the 1917 Revolution on ballet and the artists in Russia, as well as the current position ballet has in Russian culture in relationship to the Russian Revolution.

Study Group Leader(s)

Meredith Jones
Meredith Jones is an MFA Candidate in Dance at the University of Arizona. She received a BFA in Ballet from the University of Utah. While at the University of Utah, Meredith performed soloist roles in Swan Lake, Cinderella, The Nutcracker, Grand Pas de Fiancées, as well as contemporary works created by faculty. While a student, she attended summer programs at The Harid Conservatory, Ballet West, Salt Dance Fest and danced as a trainee for Carolina Ballet in the summer of 2014. Meredith has performed internationally in Puebla, Mexico in Melonie Buchanan-Murray’s, “a subtle coercion of liberties,” at World Dance Alliance. Currently, Meredith is a graduate teaching assistant at The University of Arizona instructing non-major level dance classes as well as performing, choreographing and researching. While at the University of Arizona, Meredith has performed works by Melissa Lowe and Jory Hancock, Sam Watson, Michael Williams and in Christopher Wheeldon’s masterwork, “The American.” Recently, Meredith was admitted into Dance Ability’s Teacher Certification program in Lisbon, Portugal. She will
develop skills to teach integrated groups in movement arts and learn methods to facilitate communities that promote inclusive participation.

Tuesday

Poetry Writing Workshop

Tue 9:00 AM - 11:00 AM  start: 9/19/2017  end: 12/12/2017
Tucson Place Palo Verde

Course Description

In this study group you will read and study great contemporary poems, write and revise you own poems, give feedback to other poets on their poems, and receive feedback from them. Attendance is important. If you know you will miss more than two sessions, please don't enroll. Also, buy a copy of Ted Kooser's "The Poets Home Repair Manual." New and used copies are available on Amazon.

Study Group Leader(s)

Dan Gilmore
Ph. D. Psychology, retired professor, department head, two best teacher awards, several awards for fiction and poetry. Has published a novel and four collections of poetry. His story, "The Happiest White Black Man in the World" was nominated for a Pushcart Prize and chosen by novelist Robert Olen Butler for the 2015 Best Small Fictions Anthology.

How Your Human Immune System Works

Tue 9:00 AM - 11:00 AM  start: 9/19/2017  end: 12/12/2017
Tucson Place Saguaro

Course Description

Your immune system is an incredibly marvelous, amazing and beautiful system. The processes by which it provides defense vary among individuals, which is important for our species but can be problematic for individual members. This class is intended to provide a primer in the basics of Immunology and also to address questions you may have about the workings of the immune system or about science news that pertains to the immune system. The class members will help
select the topics among such questions as: Why is there no vaccine for the common cold? How is it that our own system attacks itself and autoimmune diseases develop? Why do people that have had an organ transplant have to stay on immune suppressants for the rest of their life? Do the functions of the immune system change with age? What has deciphering the human genome taught us about immune function? The facilitator will present didactic material for each subject and class members can participate giving brief summaries of articles from the news media in relation to the questions we address.

**Study Group Leader(s)**

**Marilyn Halonen**

Marilyn Halonen is a professor emeritus from U of A where she taught Immunology to graduate and pharmacy students for a number of years. She has facilitated other classes in OLLI-UA and this will be the second offering of this class.

**Science News Discussion**

**Course Description**

Almost daily there is interesting science news on the internet that would merit technical elaboration and/or discussion of its significance. A website approach will be available for study group members to nominate news items and thereby volunteer to lead a 15-30 minute discussion. All members will have a way to "like" issues. Balanced sessions will be assembled from this information. The intent is to be interactive, diverse and adaptable. The class is a bit of an experiment to learn how to encounter this flood of scientific information.

**Study Group Leader(s)**

**Glenn Bacon**

My formal education is in electrical engineering and computer science. I have followed artificial intelligence technology since the '50s and have led several OLLI-UA study groups on its recent progress.
The Chemistry of Nutrition

Tue 9:00 AM - 11:00 AM  start: 10/17/2017  end: 12/12/2017

Tucson Place Ocotillo

Course Description


Study Group Leader(s)

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.

Documentaries to Make You Think

Tue 11:15 AM - 1:15 PM  start: 9/19/2017  end: 12/12/2017

Tucson Place Saguaro

Course Description

Passion rules here! This class is open enrollment. Please participate in the documentaries that you find stimulating.  NOTE: One-time fee of $10.00 for documentaries, paid at the1st class.  9/19 - MINDFULNESS: Be Happy Now - How to embrace mindfulness in your own life by achieving “soft readiness” as your mind decelerates through the Mindfulness Based Stress Reduction Program of Tucson - (mbsrprogram.org, 2017, 84 minutes)  9/26 - SEASONS: Mankind and the Natural World - The poetry, humor and visually stunning drama of wildlife is explored in this tale of the relationship of man and beast from the end of the last ice age and the emergence of the lush green forests and megafauna across Europe. (2017, 95 minutes)  10/3 - LO AND BEHOLD: The Connected World - The online world has transformed everything in the real world all the way to the very heart of how we conduct our personal relationships. (2016, 98 minutes)  10/10 - BEFORE THE FLOOD: Climate Change & Catastrophic Disruption - We as individuals can empower our elected officials to take bold political action to create a better future
for our planet. (2016, 96 minutes) 10/17 - The AGE OF CONSEQUENCES - Climate change accelerates instability and is a catalyst for human conflict as seen from the perspective of military experts rather than scientists. “Advanced societies are very vulnerable to confusing lifestyle with life itself.” (2017, 80 minutes) 10/24 - RISE OF THE ROBOTS: Advanced Humanoid Artificial Intelligence (2016, 60 minutes) The INVISIBLE UNIVERSE REVEALED: Hubble Space Telescope (2015, 60 minutes) 10/31 - MANY BONES, ONE HEART: Tucson’s All Souls Procession - This passage from loss and grief to joy and celebration began in 1990 as a way to remember our beloved dead on the Sunday in November after the Day of the Dead. This free community grass roots movement of 100,000 people forms the most inclusive commemoration of the dead in North America. (2016, 82 minutes) 11/7 - RACING EXTINCTION: Will the impact of human beings cause the loss of half of all species on earth? Biodiversity and life as we know it is being extinguished as corporations perpetuate a cycle of greed and destruction through a calculated disinformation campaign. (2015, 60 minutes) 11/14 - UNDER THE SUN: North Korea - A revealing act of jaw dropping subversion in a biting critique of a hellish totalitarian state where 100% of citizens live their complete lives as “groupthink” prisoners 24/7/365 in this nightmarish country. (2016, 106 minutes) 11/28 - MIGRATORY SONGBIRDS: Messengers from the Gods - Find out what is killing our songbirds, and what can be done about it while being visually thrilled and learning amazing secrets of the bird world. (2016, 90 minutes) 12/5 - PET FOOLED: The Unregulated and Secretive Commercial Pet Food Industry - Animals can’t read but we can, so find out what is right for your pet. (2017, 70 minutes) DOG INSIDERS: Everyone Deserves a Second Chance! In a partnership between Animal Shelters and Detention Centers, homeless abused dogs and resilient prison inmates share an emotional bond as they rehabilitate each other. (2015, 65 minutes) 12/12 - CIRQUE DU SOLEIL: Worlds Away Beyond Imagination - Since 1984, in this poignant romantic story, these legendary performers have leapt, soared, swum and danced with impeccably choreographed beauty in defiance of the laws of the human body. (2013, 91 minutes)

**Study Group Leader(s)**

**Beverly Jordon**

Beverly Jordon has led numerous prior Study Groups viewing and discussing contemporary video documentaries of current topics.
News and Views with Furman

Tue 11:15 AM - 1:15 PM  start: 9/19/2017  end: 12/12/2017

Tucson Place Palo Verde

Course Description

A lively discussion of current topics and concerns on the local national and international levels. Open dialogue with ALL viewpoints is encouraged to meet today's challenging national and global fronts. Each week participants determine topics for the day's discussion. Some topics may have a special, brief presentation by a study group member. Outside speakers / resources may also be utilized.

Study Group Leader(s)

Marian Schwalm Furman

Marian Schwalm Furman is a retired 25-year PA lawyer. Her post JD graduate public administration studies, extensive political experience, and occasional federal and state lobbying have installed a lifelong analytical interest in governments. Marian was an active participant in the early 1970's consumer protection movement.

The Meaning of Life

Tue 11:15 AM - 1:15 PM  start: 9/19/2017  end: 12/12/2017

Tucson Place Ocotillo

Course Description

Well, sort of. Humans have been concerned with this issue as long as there have been humans. We will look at how philosophers (and others) have addressed it over the last two centuries using mainly videos from the teaching company course "philosophy as a guide to living." The course outline will be available.

Study Group Leader(s)

Michael Devine

My educational and professional background is scientific: meteorology (BA) and oceanography (PhD). Most of my professional career was spent with NOAA as a research scientist.
Growing Herbs and Vegetables in Tucson

Tue 1:30 PM - 3:30 PM  start: 9/19/2017  end: 10/24/2017

Tucson Place Palo Verde

Course Description

This is a repeat class, aimed at learning the art of growing in the Tucson climate. It is a practical introduction to the herbs and plants that grow well here, as well as an opportunity to taste foods that include the herbs we will learn to grow in our own backyards or patios. Additonal Fee $3. per student.

Study Group Leader(s)

Helen Cowles
Master Gardener with a 30 year history of gardening in Tucson. Developed a horticultural therapy program for Tucson Botanical Gardens, which I conducted for 13 years, and still use as a volunteer for PrimaVera Foundation.

High Energy Particle Physics: Up Close and Personal

Tue 1:30 PM - 3:30 PM  start: 9/19/2017  end: 11/7/2017

Tucson Place Saguaro

Course Description

The frontier of smallness has moved from "Are there really atoms" in 1900 to the Standard Model of Particle Physics in 2013 --- a beautiful elegant synthesis of fundamental particle and interactions. It is a history rich in many, many stories involving the development of physics concepts; the humungous equipment; and the people, personalities, collaborations, egos, politics, and clashes. I came on the scene in the mid 1960's, just at the time of the first equipment which could be read directly into a computer --- a revolution which led to todays $1B detectors at CERN in Geneva. In this OLLI class, we'll use photos, videos and stories to trace these intertwining developments, using my own path to provide some "in-the-trenches" perspective. It should be fun.

Study Group Leader(s)

Charles Buchanan
Charles Buchanan joined OLLI-UA in Jan 2013. He is a graduate of Reed College and received his PhD from Stanford in 1966 in experimental high energy particle physics. Charles has worked at SLAC (Stanford), FermiLab (Illinois), CERN (Switzerland) and in Russia for a month in 1971. His specialty is the physics of electron-positron
collisions. He joined the UCLA Physics Dept in 1968, retired in 2009, and was Dept Academic Vice Chair 1991-
2009. He is very interested in communicating frontier modern physics in laymen’s terms.

**Physiology of Aging**

Tue 1:30 PM - 3:30 PM  start: 9/19/2017  end: 12/12/2017

Tucson Place Ocotillo

**Course Description**

This course will explore the physiology of aging focusing on muscular-skeleton aspects of specific conditions such as arthritis, backaches, tremors, heart, Parkinson. Women's and men's issues will also be discussed. Discussion of the underlying physiology will be presented along with the use of PT treatment and exercises used. Guest speakers will be used when approiate.

**Study Group Leader(s)**

**Tonya Bruner**
Tonya Bruner, PT, DPT, MS, WCS, OCS, BCB, PMD. Owner of Body Central. She has also one of few certified PT in women's health care in SW.

**Louise Renault**
I have an EDD from Indiana University. I have taught 27 years in a community college and have also taught undergraduate and graduate students at the university level. I have also led several seminars at OLLI-UA.

**Churchill at War**

Tue 1:30 PM - 3:30 PM  start: 10/31/2017  end: 12/12/2017

Tucson Place Palo Verde

**Course Description**

Study Group Leader(s)

Marshall Spatz

I have been an OLLI member for 2 years. Prior to my retirement in Arizona, I had a 30-year career in government, including work for Montgomery County Public Schools (Maryland), Montgomery County Government, and the City of New York. For the final 17 years, I was budget director for the public school system, the nation’s 17th largest. Prior to that, I taught History on the college level, at the University of Kentucky and the University of Missouri, Columbia. I have a Ph.D. from the University of Chicago in Urban History and a B.A. from Brandeis University in History.

SS: All About Bees

Tue 1:30 PM - 3:30 PM  start: 11/14/2017  end: 11/14/2017

Tucson Place Saguaro

Course Description

Discussion all about Bees

Study Group Leader(s)

Steven Thoenes

Dr. Steven Thoenes is commonly considered one of the world's leading experts on honey bees. Since starting BeeMaster in 1994, Dr. Thoenes has performed thousands of high-quality swarm & nest removals throughout Tucson and Southern Arizona. In addition to his ongoing bee removal services, Thoenes has taught courses all over the world, appeared as an expert on such shows as Good Morning America, and been the lead scientist on over 25 educational films for such companies as The BBC, National Geographic, and Nature. Dr. Thoenes has 45 years of personal experience handling bees, Bachelor's degrees in both Chemistry and Biology, a Master's in Entomology, and a PhD in Entomology.

SS: Guided Tour of the Jewish Community Center Sculpture Garden

Tue 4:00 PM - 6:00 PM  start: 11/7/2017  end: 11/7/2017

Jewish Community Center Sculpture Garden

Course Description

The JCC Sculpture Garden is only 4 miles and 9 minutes from the OLLI building. It contains over 40 sculptures created by local, nationally- and internationally-recognized sculptors. The sculptures range in style from realistic to abstract and from 3 feet to 30 feet in height. Join a member of the Sculpture Garden Committee
on a tour of the garden and learn about some of the thinking of the artists who created these works and the stories behind their construction.

Study Group Leader(s)

Neil Weinstein
I am a member of the JCC Sculpture Garden Committee and have interviewed several of the sculptors whose works are present in the garden. I am also an experienced sculptor. Last fall I organized the well-received course, Through a Dancer’s Eyes, that explored dance choreography and performance.

Wednesday

Masterworks of Classical Music

Wed 9:00 AM - 11:00 AM start: 9/20/2017  end: 12/13/2017
Tucson Place Ocotillo

Course Description
Each week we will listen to a different major musical work of Classical music, along with analysis, historical context, and composer information.

Study Group Leader(s)

Andy Bade
Dr. Andy Bade is the weekday afternoon music announcer for Classical 90.5, KUAT-FM, in Tucson. He earned his doctoral degree in music (Conducting) from the UA, with a minor in musicology, and taught Music Appreciation at the UA and at Central Arizona College. As a conductor, Dr. Bade has led musicians from elementary school to college and community, in instrumental and choral ensembles.

Sarver Heart Center Updates

Wed 9:00 AM - 11:00 AM start: 9/20/2017  end: 10/11/2017
Tucson Place Saguaro

Course Description
This Course will consist of 4 different sessions: Sept. 20, Reducing Atrial Fibrillation’s Fear Factor led by Mathew Hutchinson, MD  Sept. 27, The Growing Options for Repairing Heart Valves with Minimally Invasive Methods – TAVR and
Here is more detailed information about the 4 classes:

The focus of care in advanced heart failure is improving survival, but also quality of life. Medication is the first line of treatment, but when this fails, patients are often considered for heart transplant, the gold standard for treating end-stage heart failure. However, barriers, such as the shortage of donor organs, require heart-failure specialists to seek creative solutions. That’s where mechanical circulatory support technology can help many patients not just live longer, but live better.

Read more RMechanical Devices Offer Quality of Life Time for Patients with Advanced Heart Diseaseeducing Atrial Fibrillation’s Fear Factor Mathew Hutchinson, MD

It’s a common scenario in a cardiology clinic when the cardiologist informs the patient they have atrial fibrillation (AFib), an abnormal heart rhythm characterized by rapid and irregular beating. Shock and fear take over, especially once the cardiologist says something about “increased risk of stroke.” Mathew Hutchinson, MD, discusses how AFib and stroke risks. Read more TAVR Procedure Now an Option for More Patients Kapil Lotun, MD

Dr. Charles Katzenberg may also cover both nutrition and wine in one lecture. He recently wrote this “Valentine’s” blogpost: http://uahs.arizona.edu/blog/2017-02-02/have-your-wine-and-chocolate-too-sweet-heart-month-eating-tips.

**Study Group Leader(s)**

**Connie Lowy**

Connie and John are Medicare Counselors at the Pima Council on Aging. They have been OLLI members for 4 years.

**Katie Maass**

Katie Maass is the Director of Communications & Public Education at the University of Arizona Sarver Heart Center. She will be the contact person for Sarver.
TMA Docents  Art Talks III

Wed 9:00 AM - 11:00 AM start: 10/18/2017  end: 11/29/2017

Tucson Place Saguaro

Course Description

This is the third in the series of the very popular Art Talks presented by Docents of the Tucson Museum of Art. Each of these well-researched and beautifully illustrated presentations differs from those previously given at OLLI. Topics vary but will be in the mode of past themes such as Matisse, Picasso, da Vinci, the colors Red and Blue, and the monuments of Washington D.C.

Study Group Leader(s)

Richard Woodward

Dick brings his passion for the arts and literature to this class. He has led several Study Groups in the past, including Goethe’ Faust, reading plays with theatre professionals, and TMA Docents Art Talks.

Case Studies in American Democracy

Wed 9:00 AM - 11:00 AM start: 11/1/2017  end: 11/29/2017

Tucson Place Palo Verde

Course Description

David Moss, Professor of Business Administration at the Harvard Business School is trying to change the way history is taught at both the university and high school level. He has developed an American history class offered to Harvard undergraduates and business school students, using the case study method pioneered by HBS. So far he has prepared 19 university level case studies of critical decision points in American history. The case studies cover much of American history, starting with 1787 and a critical decision over how much power would go to the national government and how much would remain with the states; and ending with 2010 and the Citizens United case. The class has been a huge success. He is now testing the program in several high schools. We will take on four of those case studies, putting ourselves into the historical period and into the minds of the key people. We will attempt to understand the times and the problems that were confronting them. We will wrestle with the issues they wrestled with. We will debate opposing points of view. I would facilitate each class, but the participants would be actively involved in clarify the facts and the opposing points of view, and defending
a position for one side or the other. Participation in the class will be limited to 16. All participants must commit to reading twenty to thirty pages of case study materials each week, probably at least twice, to fully understand the material and be ready to discuss and argue the issues. If you don't have the time to make that commitment, this is probably not the class for you. For those of you who can make the commitment, this promises to be an exciting new approach to understanding key moments in the development of The American Democracy.

**Study Group Leader(s)**

**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.

**SS: The Psychology of Aging**

Wed 9:00 AM - 11:00 AM start: 12/6/2017 end: 12/6/2017
Tucson Place Palo Verde

**Course Description**

Would you like to help others learn about aging? Researchers from the University of Colorado and University of Arizona Psychology Departments need volunteers for a project investigating personality and opinions across the adult lifespan. Participation involves completing a questionnaire, taking 45 to 50 minutes. We will spend the remaining course time discussing research concerning the psychology of aging.

**Study Group Leader(s)**

**Peter J. Helm, M.A.**
Peter J. Helm, M.A., is a doctoral student at the University of Arizona, U.S.A. under the mentorship of Jeff Greenberg, Ph.D. His research focuses on existential concerns such as isolation and meaning; and on concerns relating to selfhood such as self-concept, self-esteem, and self-presentation.

**Molly Maxfield**
Molly Maxfield is a clinical geropsychologist and an Associate Professor of Psychology at the University of Colorado Colorado Springs. Her research focuses on psychology of aging, including the challenges of aging and healthy aging processes.

**Jeff Greenberg**
Jeff Greenberg is a social psychologist and a full professor at the University of Arizona. His research focuses on prejudice, self-esteem, political preferences, aggression, aging, religion, attitudes toward animals, and existential isolation. His recent
Death: Certain yet Unknown
Wed 11:15 AM - 1:15 PM start: 9/20/2017   end: 10/25/2017

Tucson Place Ocotillo

Course Description
We'll cover a variety of aspects of death: right to die, grief and bereavement, humor, spirituality, good death, benefits of death, how to make advance directives work for you, and more.

Study Group Leader(s)
John Abraham
John Abraham, Episcopal Priest and Thanatologist, is a professional speaker, trainer, and consultant with more than 40 years of experience as a counselor, therapist, patient-care advocate, and health care administrator. He has worked with hospitals, hospices, religious institutions, schools, and social service agencies. John serves a wide range of individuals, corporations, non-profit agencies, and partnerships as an expert in Thanatology. His experience in many different disciplines gives John a truly holistic perspective that takes into consideration our physical, spiritual, and psychological dimensions. John is a dynamic instructor who has given presentations in 11 states, has taught death education to undergraduates at universities and now teaches through the University of Arizona's adult education program. Presently John is the Arizona Affiliate leader of Final Exit Network: a right to die organization. He has given presentations to police departments, physicians, hospice staff, social workers, clergy, nursing home and assisted living staff, paramedics, and emergency care givers among others. John is the author of several chapters of death-related books and numerous related articles, and has published in such journals as Thanatos, Omega, and several national newsletters. His newly published book: "How To Get The Death You Want."

Origins of the American Form of Governance
Wed 11:15 AM - 1:15 PM start: 9/20/2017   end: 12/13/2017

Tucson Place Saguaro

Course Description
The challenges of authoritarianism and the success of China bring to focus our own form of government. What are its roots? How did it develop? We’ll examine some of the deep background of representative government in contrast to the Chinese experience, and we’ll look at how the American constitution came to be. We’ll begin with Scandinavian and Germanic early history as well as more familiar references to Greek and Roman history and the three estates of medieval Europe. We’ll consider the contributions of John Locke and the French philosopher Montesquieu, finally landing on the American shores to look at the thinking of our founding fathers (Washington, Hamilton, Adams, Jefferson, Madison, and John Jay). During our studies, we will be utilizing the lectures of Professors Lawrence Calhonne (College
of the Holy Cross), Daniel N. Robinson (Oxford, Columbia), and some from Thomas L. Pangle (Texas).

**Study Group Leader(s)**

**Julia Sherman**
Dr. Julia Sherman is a retired clinical psychologist who has engaged extensively in research, writing, and teaching in the areas of psychology of women, depression, and bipolar disorder.

**The Wings of the Dove, Sec I**

Wed 11:15 AM - 1:15 PM start: 9/20/2017  end: 12/13/2017

Tucson Place Palo Verde

**Course Description**


**Study Group Leader(s)**

**Suzanne Peters**
Sue Peters is an experienced study group leader.

**General MacArthur & General Stilwell s WWII Intel structure**

Wed 11:15 AM - 1:15 PM start: 11/15/2017  end: 12/13/2017

Tucson Place Ocotillo

**Course Description**

A review of the intel structure of General MacArthur & General Stilwell in their Theaters during WWII.
Study Group Leader(s)

Jim Dinniman
Former US Army Intel officer with duty in SE & E Asia.

Following the Rogue Theatre IV

Wed 1:30 PM - 3:30 PM  start: 9/20/2017  end: 11/29/2017
Tucson Place Saguaro

Course Description

Once again this course will read and discuss the plays in the 2017-2018 Rogue Theatre season. During week one we will discuss the play as literature and during week 2 discuss the performance aspects with the Artistic and Managing Directors of the Rogue Theatre.

Study Group Leader(s)

Peter Hirschman
Peter Hirschman worked previously at the Lutheran Immigration and Refugee Resettlement Agency in Tucson. He is currently a volunteer with the Karnes Pro Bono Project, and the Florence Project, both of which are pro bono legal assistance organizations that serve refugees and asylum seekers in America. Peter volunteered a second time in May 2017 at the Karnes family detention center in Texas, helping families, women with children, with the asylum application process.

Cynthia Meier
Cynthia Meier holds a Ph.D. in Performance Studies from the University of Arizona. She is co-founder of both The Rogue Theatre and Bloodhut Productions, a touring company performing original monologues and comedy improvisation. For The Rogue Theatre, C

Three Golden Age Spanish Dramas

Wed 1:30 PM - 3:30 PM  start: 9/20/2017  end: 10/25/2017
Tucson Place Ocotillo

Course Description

Three Golden Age Spanish Dramas

Study Group Leader(s)

Charles Peters
Charles Peters has been an experienced study group leader for a number of years.
SS: Effective and Engaged: Mindful Meditation to Strengthen Focus and Tame Stress

Wed 1:30 PM - 3:30 PM  start: 9/27/2017  end: 9/27/2017
Tucson Place Palo Verde

Course Description

It has been clearly demonstrated that when we are under even day-to-day stress (even minor) for prolonged periods of time, our health and enjoyment of life suffers. Additionally, under stress our performance suffers as well: we make poor decisions, we are unable to focus on the task at hand, and our emotions can overwhelm our rational mind. In this class we will explore the relationship between the stresses of our lives and the toll these take on our bodies and minds. We will learn through practical biofeedback, using portable biofeedback devices, how to control our breathing, emotional balance and our heart rate variability, leading to an ability to help us control stress and behave mindfully towards others.

Study Group Leader(s)

Ann Baldwin

Ann Linda Baldwin, PhD, is a Professor of Physiology at the University of Arizona and Director of Mind-Body-Science. She is also a Reiki Master, and has practiced Reiki on people and animals for the last 17 years. Dr. Baldwin obtained her Bachelors degree in Physics from University of Bristol, UK, her Masters degree in Radiation Physics from University of London, UK and her PhD in Physiology from Imperial College, University of London. She has published over 100 articles in peer-reviewed scientific journals, has received 28 years of funding from National Institutes of Health and National Science Foundation, and has been a member of several review panels for National Institutes of Health. In her research Ann bridges the gap between energy healing and quantitative scientific enquiry. Ann uses Biofeedback, Reiki and equine facilitated learning to help those suffering with high stress to reduce pain and tension, improve their sleep, decrease anxiety and improve their performance in all aspects of their lives. She is also a certified level 1 facilitator of Tension Release Exercises and can teach you exercises that will trigger your body to release all that tension stored in muscles and tissues. In her spare time Ann likes to ride her horse and she also volunteers as a horse handler for Therapeutic Riding of Tucson.

Veterinarian Memories & Advice

Wed 1:30 PM - 3:30 PM  start: 10/4/2017  end: 10/18/2017
Tucson Place Palo Verde

Course Description

After running a full service veterinary hospital in St. Louis for 33 years, I sold my clinic and moved to Tucson. Here I limit my practice to house calls and enjoy spending a lot of time with each of my clients. A few years ago I had a book
published: LAUGHTER AND TEARS, A Veterinarian’s Memoir and Advice. The first two-thirds of the book is an autobiography of my years in practice; the last third of the book is what these classes are all about. These are the 13 lessons I found myself teaching year after year to client after client. These range from picking the right pet for you, what to feed and why a feeding schedule is so important, advantages and disadvantages of neutering your pet, curing those chronic ear infections that plague so many dogs, general cat psychology and how to create the cat that truly needs you, house training, necessary bathing and grooming, essential training for every pet, choosing the best vet and saving money at that vet, how often does my pet really need to be vaccinated, and saying goodbye to a cherished pet. I look at these classes as a win for you and for your veterinarian because yes, you will spend less for a lot of things at the vet (for example, dentals can run $500 to $1000; listen to me and your pet may never need to go under general anesthetic to get his teeth cleaned). On the other hand when your pet gets sick, you’ll spend anything to take care of him because he will be the best pet you ever had!!

Study Group Leader(s)

Ken Cohen

I graduated from the University of Missouri Veterinary School in 1975 and ran a full service veterinary hospital in St. Louis for 33 years. My wife and I moved to Tucson in 2008 and I enjoy a house call practice here. In late 2014 I had a book published: Laughter and Tears, A Veterinarian's Memoir and Advice. The first part of the book is a chronology of many of my adventures as a vet over the years. The last third of the book is what these classes are all about: the important lessons I found myself teaching year after year to client after client.

Travel Hints and Glints

Wed 1:30 PM - 3:30 PM start: 11/1/2017 end: 12/13/2017

Tucson Place Palo Verde

Course Description

The purpose of the class is for participants who like to travel to share and discuss their experiences and tips as tourists and travelers. Based on a survey of interests and experiences taken during the first class, we will set up a schedule to cover various destinations (US, Europe, Asia, etc,) and travel topics (e.g., group travel, road trips, tips for planning travel, etc.). If you like to travel, join the class and come prepared to both share and learn!

Study Group Leader(s)

Dorothy Waugaman

Dot Waugaman is retired and has been living in Tucson since 2008. She developed a love of travel at an early age, and has traveled in every state in the U.S., most of the countries of Europe, a smattering countries in South
America, Africa, Asia, the Middle East, and Down Under. She has learned a lot about what to do when traveling as well as what should not be done when traveling. She also likes to hear from other travelers.

Laura Couchman

Laura Couchman is retired and a resident of Tucson since 2014. She has traveled to 48 states and a couple dozen foreign countries, mostly accompanied by her husband Bill. Their favorites are U.S. road trips and overseas trips to sing with the Yale Alumni

Zama by Antonio Di Benedetti

Wed 1:30 PM - 3:30 PM  start: 11/1/2017  end: 12/13/2017

Tucson Place Ocotillo

Course Description

Zama by Antonio Di Benedetti published by the New York Review of Books (ISBN 978 1-89017-717-4) $15.95 is about an Argentine Creole who can only serve as second in command to a Governor from Spain because of rules imposed by the Spanish government under Charles IV and Manuel de Godoy. He is stuck in an unnamed outpost on the Paraguay River far from civilized Buenos Aires dreaming of a woman not his wife whom he loves but of someone young and European who will save him from social isolation and his existential condition of yearning for something else: a utopian dream which comes from the conflict between old world dreams of Eden and new world reality.

Study Group Leader(s)

Charles Peters

Charles Peters has been an experienced study group leader for a number of years.
Thursday

Arts and Crafts for Fun

Thu 9:00 AM - 11:00 AM start: 9/21/2017 end: 10/26/2017
Tucson Place Saguaro

Course Description

We will use the elements of design and learn to weave on small lap looms then will try needle felting and possibly fabrics painting. This class is a continuation so you can choose which art form you want to do or combine the weaving and felting. The new students can join in and start from the beginning. It will be fun deciding what you prefer to try or continue with. There will be individual projects.

Study Group Leader(s)

Mary Bull
I am an artist, teacher and writer. I have had varied talents and training. I took my first art lesson at age 9. I studied art at Fresno State College and at the University of Colorado where I received degrees in art, science and education. I got my California Elementary and Secondary Teaching Credentials. I have exhibited my art throughout the west and have received rewards. My Aunt and I opened Art Gallery called Hi-Rankin at Campbell and the River.

Intermediate Conversational Spanish

Thu 9:00 AM - 11:00 AM start: 9/21/2017 end: 12/14/2017
Tucson Place Palo Verde

Course Description

This course will provide an opportunity for students of Spanish Language to engage in reading, writing, and conversation to shore up their Spanish-speaking skills. Class members should have had some exposure to Spanish Language learning - including through previous OLLI-UA classes.

Study Group Leader(s)

Josephine Kelleher
Dr. Josephine Kelleher is a retired educator who has been studying Spanish for the past year 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.

**Mallory Riegger**

Mallory Riegger has a BS in Accounting from University of Arizona and is a CPA. She worked in Accounting and Management for 12 years, 9 years in Copper Mining in Arizona and 3 years in Banking in Belgium, before becoming a stay at home mother of 3.

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**Landscape Evolution**

Thu 9:00 AM - 11:00 AM  
start: 9/21/2017  
end: 12/14/2017

Tucson Place Ocotillo

**Course Description**

“Landscape Evolution’ will focus on how landscapes around us are created. Diverse topics include:  1. Mighty rivers of humid regions and ephemeral streams of deserts;  2. The much different erosion of marine shorelines and glacial valleys;  3. How earthquakes, volcanic eruptions, and recent ice ages changed landscapes;  4. Human impacts that affect erosion and deposition.

**Study Group Leader(s)**

**William Bull**

Landscapes have been a lifelong interest of Bill Bull. My Stanford Ph.D dissertation studied how ephemeral streams in the San Joaquin Valley of California create distinctive landforms. I studied landscapes in the American Southwest, New Zealand, and Israel during the 28 years I taught geomorphology at the University of Arizona.

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**The Reach of Islam - Part 2 (Summer Students)**

Thu 9:00 AM - 11:00 AM  
start: 11/9/2017  
end: 12/14/2017

Tucson Place Saguaro

**Course Description**

The Reach of Islam - Part 2 Only - This class is for the students that took The Reach of Islam - Part 1 in the summer. We will examine how Islam developed from the time of Muhammad up until the present day. The various strands of Islamic tradition will be discussed including the four legal schools of Sunni Islam, the three main types of Shia Islam, Sufi tradition, and Wahhabism. Most classes will include a reading or discussion of a contemporary issue in Islam.
Study Group Leader(s)

David Shawver

David Shawver has lived and worked in the Muslim countries of Iran, Pakistan, Bangladesh, Tunisia, and Tanzania. He has also traveled widely in the Muslim world. Part of his doctoral work was at the Islamics Institute at McGill University in Montreal, where he studied with Islamic scholars Charles Adams and Wilfred Cantwell Smith.

Reading the New Yorker

Thu 11:15 AM - 1:15 PM  start: 9/21/2017  end: 12/14/2017  

Tucson Place Palo Verde

Course Description

We read portions of the weekly "The New Yorker" and individual attendees agree to briefly report on each of several articles, as they wish. This is the format of the course offered in Green Valley for several years and has proved so popular that two classes are regularly offered there. A new subscription to the magazine can run as little as $6 for twelve issues, student rate, and get you a shiny new tote bag as well.

Study Group Leader(s)

Ron Peterson

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, won two investment contests and lectured on markets for banks and individual investors. He holds two masters' degrees and four graduate certificates.

Marcia Nedland

Marcia Nedland is an urban planner and principal of Fall Creek Consultants, a national advisor to nonprofits, neighborhood associations, government, funders and other policymakers on neighborhood revitalization and housing market re-building. Her summer h

Poetry Discussion and Reading: Risking Everything

Thu 11:15 AM - 1:15 PM  start: 9/21/2017  end: 12/14/2017  

Tucson Place Saguaro

Course Description

A continuation of the same course offered Spring 2017. However, the Spring study group is not a prerequisite. In this group we read great poems, discuss them,
reflect deeply on them, and use our reflections as a basis for deep sharing with others in the group. A certain amount of self-revelation through your stories and observations is as important as the poems themselves. This process is almost always fun, and on occasion it changes the way you view yourself and your world. If you don't already own a copy of Roger Housden's anthology, "Risking Everything" please buy one. Amazon has plenty of used copies.

**Study Group Leader(s)**

_Dan Gilmore_

Ph. D. Psychology, retired professor, department head, two best teacher awards, several awards for fiction and poetry. Has published a novel and four collections of poetry. His story, "The Happiest White Black Man in the World" was nominated for a Pushcart Prize and chosen by novelist Robert Olen Butler for the 2015 Best Small Fictions Anthology.

**SS: Physics: Link between Digital Sound and Napoleon's Invasion of Egypt**

Thu 11:15 AM - 1:15 PM  start: 9/21/2017   end: 9/21/2017

Tucson Place Ocotillo

**Course Description**

In May 1798, a 20,000-strong military force under the command of General Napoleon Bonaparte started the unannounced invasion of Egypt. 167 eminent French scholars joined the expedition, reflecting the French Revolution's ideology of commitment to scientific progress. Among the scholars was Joseph Fourier (1768-1830) a mathematician and physicist. After Fourier's return to France, he published "On the propagation of heat in solid bodies", where he introduced math techniques now known as Fourier series, transform, theorem and Fourier analysis. Every piece of electronic equipment we have to listen to music, voice or to watch movies uses information that has been decomposed by a Fourier transform and reconstructed by an anti-transform to be enjoyed by our senses. We'll explore why it is so ubiquitous.

**Study Group Leader(s)**

_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.
SS: JAZZ in AZ...A Guide to Great Jazz in Tucson

Tucson Place Ocotillo

Course Description

Jazz is such great music! Jazz impresario Yvonne Ervin will give you a short course in all you need to know to navigate Tucson's jazz scene: the musicians, their groups, our clubs & venues, forthcoming concerts, U. A. Jazz and the Tucson Jazz Institute's internationally acclaimed youth groups. There's fine music in town for everyone, and you'll be given websites to check and email lists to join. Jazz abounds in Phoenix as well, and you'll be given pointers for enriching evenings up there as well.

Study Group Leader(s)

Stuart Goldman
Stuart Goldman was born in Shaker Heights, Ohio, earned a BSBA in Marketing in 1969 and earned his MBA in Marketing and Consumer Behavior in 1970 both from Ohio State University. He was an Account Executive for Ogilvy and Mather Advertising, NYC; Sales Manager, Campus Sweater and Sportswear Co., Cleveland; and President, Allstate Transportation Services, Tucson, where he moved to in 1976. Stu's interests include OLLI-UA, Rotary Club of Tucson, The Centurion Club of Tucson and anything music.

Yvonne Ervin
Yvonne Ervin is founder and Executive Director of Jazz in January, aka the Tucson Jazz Festival. Yvonne has been immersed in Tucson's local jazz since 1981: Under her directorship, the Tucson Jazz Society became the largest of its kind in the nation. She

SS: Artificial Intelligence - Status and Impact

Thu 11:15 AM - 1:15 PM  start: 10/5/2017  end: 10/5/2017
Tucson Place Ocotillo

Course Description

We will have a short review of the status of the hardware and software technology. Next, applications in healthcare, "autonomous" vehicles, personal assistants and robotics will be covered. Negative impacts on personal privacy will be reviewed. We will conclude studies of the long-term impact on employment and the economy.
Study Group Leader(s)

Glenn Bacon

My formal education is in electrical engineering and computer science. I have followed artificial intelligence technology since the '50s and have led several OLLI-UA study groups on its recent progress.

SS: Angels in Fur

Thu 11:15 AM - 1:15 PM  start: 10/12/2017  end: 10/12/2017

Tucson Place Ocotillo

Course Description

Science is confirming what many have long understood – that the human-animal bond positively influences and promotes the physical and emotional well-being of both the human and the animal. Therapy animals and their volunteer handlers bring the magic of this interaction to many in our community, including hospital patients, nursing home residents, people in crisis, and many children. Jan Hutchinson, a retired Pet Partners evaluator, and Diane Alexander, President of Pet Partners of Southern AZ, will discuss the requirements and process for becoming a therapy team. Jackie Theodorakis, Development and Program Manager for Gabriel’s Angels - Southern AZ will explain the work of that organization's pet therapy teams with at-risk children. GA therapy team Julie Darling, Shawna Strause, and Molly will share their personal experiences with this work and its impact on the children with whom they interact. And you will meet some of these remarkable animals.

Study Group Leader(s)

Constance Brunt

Connie Brunt spent 34 years as a practicing attorney in Pennsylvania. Since retirement in 2013, she has been an active OLLI-UA member. During that same time, she has served as a volunteer with Gabriel's Angels, a non-profit organization providing pet therapy services to at-risk children.
SS: iPad and iPhone Photo Editing
Thu 11:15 AM - 1:15 PM  start: 10/19/2017  end: 10/19/2017

Tucson Place Ocotillo

Course Description

Your iPhone and iPad are the best cameras you own because they are always with you. Using free and low-cost apps, you now can perform professional quality edits and enhancements to your iPad and iPhone photographs. In this single session workshop we will learn the basics of the included editing tools in the Photos app, and a tutorial for the free and amazing Snapseed, plus a surprise or two.

Study Group Leader(s)

John Nemerovski

John Nemo uses his iPad and iPhone to take and edit and share photos 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.

SS: Bob Dylan, Frank Sinatra, and Friends
Thu 11:15 AM - 1:15 PM  start: 10/26/2017  end: 10/26/2017

Tucson Place Ocotillo

Course Description

Dylan's most recent five CDs are interpretations of classic and rare Sinatra songs with clever arrangements. Dylan's voice is improving, believe it or not, at age 76, and he brings an idiosyncratic and imaginative approach to tunes from the Great American Songbook. We will sample the best of Bob's latest and greatest, plus hear recordings of the same tracks by other artists such as Etta James, Nat Cole, Nina Simone, and Billie Holiday. Open your minds and ears to a new direction by an old folk rocker who just won the Nobel Prize for Literature.

Study Group Leader(s)

John Nemerovski

John Nemo is a lifelong musician and educator who has immersed himself in the music of Bob Dylan. He plays guitar and provides a fascinating syllabus for his music appreciation courses.
SS: Medicare Updates for Pima County 2018

Thu 11:15 AM - 1:15 PM   start: 11/2/2017   end: 11/2/2017

Tucson Place Ocotillo

Course Description

Class will review Medicare and updates for 2018. Class will teach members to use Part D Planfinder on Medicare.gov. It is estimated that 5% of beneficiaries use the tool every year to find the most economical drug prices.

Study Group Leader(s)

Connie Lowy
Connie and John are Medicare Counselors at the Pima Council on Aging. They have been OLLI members for 4 years.

John Lowy
Connie and John are Medicare Counselors at the Pima Council on Aging. They have been OLLI members for 4 years.

SS: The Intensity of Israel

Thu 11:15 AM - 1:15 PM   start: 11/9/2017   end: 11/9/2017

Tucson Place Ocotillo

Course Description

The questions surrounding the future of Israel and the Palestinian people are evident in even a short visit to that country. How can Israel stay true to its founders' vision of a democratic Jewish state given the population currently living in the West Bank. The talk will be a summary of the experiences during 15 days in Israel in May.

Study Group Leader(s)

Meg Hovell
Meg recently visited Israel and Jordan, part of an on-going exploration of the middle East after a trip to Iran in 2015.
SS: Advance Directives and Informed Consent: A Slippery Slope

Thu 11:15 AM - 1:15 PM  start: 11/16/2017  end: 11/16/2017

Tucson Place Ocotillo

Course Description

Patients have the right to make medical and legal decisions for themselves, provided they are of legal age and have mental capacity. But, when that capacity is challenged or becomes limited because of age, mental infirmity, or a critical illness, doctors look to others to make those decisions for the patient. Sometimes they rely on a designated agent or family member, even when the patient is able to consent to treatment herself. When must the healthcare team rely solely on the patient? When may it rely on another to make healthcare decisions? When may the healthcare team or a medical proxy terminate care or treatment? And what is informed consent, anyway?

Study Group Leader(s)

Vicki Gotkin

Ms. Gotkin is a mother, wife, and grandmother, not necessarily in that order. In her professional life, she is an attorney, who was admitted to practice in Arizona in 1981. Arizona State University’s Sandra Day O’Connor College of Law awarded Ms. Gotkin her Juris Doctor degree, cum laude, and the University of Arizona’s Eller College of Management awarded her a Bachelor of Science degree in Business Administration, cum laude. Her career has spanned the gamut of private practice, public, and University service. After “retiring” from the University of Arizona’s Office of the General Counsel in 2014, she opened a private practice, concentrating on elder and disability law, estate planning, higher education issues, employment, and professional responsibility. While employed as an Assistant Attorney General in the 1980s and 1990s, Ms. Gotkin handled approximately 200 criminal appeals, habeas corpus petitions, and petitions for post-conviction relief, and presented arguments before the Arizona Courts of Appeals, the Arizona Supreme Court, the 9th Circuit Court of Appeals and the United States Supreme Court. She argued the first case that was televised in the Arizona Supreme Court, which eventually was appealed by the State to the United States Supreme Court. She also represented the Arizona State Hospital, where her interests in health care law, mental health and disability-related legal issues began. She served as a Senior Associate General Counsel for the University of Arizona for nearly 20 years, where her principal clients were the health sciences colleges. Ms. Gotkin’s passion for addressing mental health issues led her to service on the NAMI Board of Directors, on which she served as its Secretary. She also volunteers as a Literacy Coach for Reading Seed, and is a Mobile Meals driver coordinator.
SS: Update From ICE Detention in the Era of Trump

Thu 11:15 AM - 1:15 PM  start: 11/30/2017   end: 11/30/2017
Tucson Place Ocotillo

Course Description

The hurdles for asylum seekers have been made more difficult by the DHS memoranda of implementation of the Trump executive orders. In this session, we will explore how migration and the asylum seeking process is changing in the era of Trump, based on interviews with and the experiences of families detained in the Karnes family detention center in Texas.

Study Group Leader(s)

Peter Hirschman

Peter Hirschman worked previously at the Lutheran Immigration and Refugee Resettlement Agency in Tucson. He is currently a volunteer with the Karnes Pro Bono Project, and the Florence Project, both of which are pro bono legal assistance organizations that serve refugees and asylum seekers in America. Peter volunteered a second time in May 2017 at the Karnes family detention center in Texas, helping families, women with children, with the asylum application process.

SS: Humanitarian Aid and Immigration Along the Arizona-Mexico Border

Thu 11:15 AM - 1:15 PM  start: 12/7/2017   end: 12/7/2017
Tucson Place Ocotillo

Course Description

There are occasional articles in the Tucson newspapers or on the local news about deaths or tragedies in the desert south of Tucson. This class will deal with the daily work of the Tucson Samaritans to go into the desert carrying medical aid, water and food to those who are lost in the wilderness. It will cover the historical aspects of how we got to this point, what can be done legally to help people and the types of situations encountered in the field. There will also be a brief overview of the work being done by the humanitarian aid organizations in Tucson.
Study Group Leader(s)

Deborah McCullough

After working as a volunteer with the International Rescue Committee for a number of years, I recognized the similarity between events leading to human displacement around the world and what was occurring on the US-Mexican border. I began volunteering with Tucson Samaritans in 2004 and have been active since. As an artist, I have developed several exhibits that have been seen from Maine to California which relate the personal struggles, tragedies and triumphs of our Mexican and Central American immigrant population as they cross the deadly desert seeking reunion with family, economic stability or personal safety in the United States.

Film Discussion Group

Thu 1:30 PM - 3:30 PM  start: 9/21/2017  end: 12/7/2017

Tucson Place Saguaro

Course Description

Every other week we will meet to discuss 2 movies playing locally that have been assigned to, or voted upon by class members. One class member will lead the discussion for each 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. Classes will be on 9/21/17, 10/5/17, 10/19/17, 11/2/17, 11/16/17, 11/30/17, 12/7/17.

Study Group Leader(s)

Marsha Cohen
Marsha Cohen has been a movie buff for many years and has co-lead this group for several semesters.

Cynthia Flagg
Cynthia Flagg, a retired psychotherapist, is an avid movie fan and an experienced study group leader.

Beatles Fun

Thu 1:30 PM - 3:30 PM  start: 9/21/2017  end: 12/14/2017

Tucson Place Ocotillo

Course Description

Are you interested in the Beatles, their music and the stories behind the songs? This class is for you. We will watch the 2016 video "Eight Days A Week - The Touring Years" by Director Ron Howard. We will watch other movies and
documentaries about the Beatles. We will discuss the videos, some special features & look into some of the stories behind the songs. John "Nemo" will also be demonstrating on his guitar how the Beatles wrote some of their songs. We will be utilizing the books: 1. All the Songs: The Story behind Every Beatles Release, 2. Who is the Greatest: Elvis or The Beatles & 3. The Complete Beatles Songs: The Stories Behind Every Track Written by the Fab Four. I am charging a $10 fee to help offset the costs of the videos and books being utilized. The videos will be added to the DVD library.

**Study Group Leader(s)**

**Mallory Riegger**

Mallory Riegger has a BS in Accounting from University of Arizona and is a CPA. She worked in Accounting and Management for 12 years, 9 years in Copper Mining in Arizona and 3 years in Banking in Belgium, before becoming a stay at home mother of 3 and volunteer in various charitable organizations. Mallory has handled various jobs over the years, including webmaster, treasurer, secretary, newsletter editor, among many other positions. Since joining OLLI-UA, Mallory has been the librarian for the DVD library, Curriculum Committee member primarily working with Bob Sklar and Meg Hovell on scheduling starting in February 2017 and was elected to OLLI-UA’s Council in March 2017. Mallory was an SGL for Documentaries for Better Health in the Summer 2017 Session. Mallory is enthusiastic about Health issues and a lifelong fan of music. Mallory also speaks some Spanish, French and German.

**John Nemerovski**

John Nemo is a lifelong musician and educator who has immersed himself in the music of Bob Dylan. He plays guitar and provides a fascinating syllabus for his music appreciation courses.

**The Wings of the Dove, Section II**

Thu 1:30 PM - 3:30 PM    start: 9/21/2017   end: 12/14/2017

Tucson Place Palo Verde

**Course Description**


**Study Group Leader(s)**

**Suzanne Peters**

Sue Peters is an experienced study group leader.
SS: Save a Life: Compression-Only CPR and Use of the AED

Thu 1:30 PM - 3:30 PM    start: 10/26/2017  end: 10/26/2017

Tucson Place Saguaro

Course Description

Come and learn How to Save a Life for a person with sudden cardiac arrest. Learn about Chest Compression-Only CPR (cardiopulmonary resuscitation) and use of our OLLI AED (automatic external defibrillator). Mouth to mouth breathing is NO LONGER needed in first responder CPR witnessed by a bystander. Enjoy an informative lecture from the UA Sarver Heart Center Teaching Team on CPR in sudden cardiac arrest and have a chance to learn CPR on manikins with professional instruction from the experts. Use of our OLLI AED will be included. Remember "Time is Brain!".

Study Group Leader(s)

Richard Wachter
Dick Wachter is a retired Neuroradiologist.

Erika Yee
Erika is a graduate of University of Arizona, worked as an EMT and now works as Assistant Health Educator at the UA Sarver Heart Center. In 2013, Erika was presented with a Lifesaving Achievement award for her heroic act that saved the life of one of her

Book Group: Focus on Our Founding Fathers

Thu 1:30 PM - 3:30 PM    start: 10/12/2017  end: 12/14/2017

Tucson Place Saguaro

Course Description

The semester will begin in October with "The Quartette: Orchestrating the Second American Revolution: 1783-1789" (2016) by historian Joseph Ellis. This is a short, clear informative book about how our constitution came to be. It will be reviewed by Marilyn Hersh dorfer. The November book is "The Autobiography of Benjamin Franklin" to be reviewed by Bill Bucci. This short book is a classic gem of American literature and is available free on-line. Finally Pat Davis will review "Alexander Hamilton" (2004) by Ron Chernow. This book is long, but fascinating, and you’ll be
ahead however much you get read. The class will meet October 12, November 9 and December 14.

**Study Group Leader(s)**

**Julia Sherman**
Dr. Julia Sherman is a retired clinical psychologist who has engaged extensively in research, writing, and teaching in the areas of psychology of women, depression, and bipolar disorder.

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**Friday**

**Code Breaking in WWII**

Fri 9:00 AM - 11:00 AM   start: 9/22/2017   end: 10/6/2017

Tucson Place Ocotillo

**Course Description**

We will present ideas about cryptology and let you talk about them. We presume that everyone knows all about the German Enigma machines. So we will not present them formally, instead will discuss breaking the Japanese Purple code.

**Study Group Leader(s)**

**Larry Bahill**

Larry Bahill was Minority Leader in the Arizona House of Representatives. He was a Commander in the U. S. Navy. He served 37 years in the U. S. Navy Security group. He knows a little bit about cryptology.

**Terry Bahill**

Terry Bahill is an Emeritus Professor of Systems Engineering and of Biomedical Engineering at the University of Arizona in Tucson. He served as a Lieutenant in the United States Navy. He received his Ph.D. in electrical engineering and computer science fr
Intermediate Beginning Spanish

Fri 9:00 AM - 11:00 AM  start: 9/22/2017  end: 12/15/2017  
Tucson Place Palo Verde

Course Description

This is Part II of the Intermediate Beginning Class from last Spring. You must get teacher approval to join this class. In class we talk a lot in Spanish. Students pace the class; we go as fast as the slowest student. We all help each other and learn with each other. The leader also learns something new in every class. We make the classroom into a city, a house, a grocery store or maybe even a tourist bus and we bring props to set the stage. You should be familiar with the simple present tense in Spanish and be willing to laugh at yours and your leader’s mistakes. You should have an intermediate knowledge of Spanish. Students MUST have "Spanish the Easy Way" 4th edition, published by Barron's.

Study Group Leader(s)

Susan Sotelo
I have taught Spanish to adults at the U of A, Pima College and Sun City Vistoso. I have a PhD in Spanish from the U of A.

Development of the Earth

Fri 9:00 AM - 11:00 AM  start: 9/22/2017  end: 10/13/2017  
Tucson Place Saguaro

Course Description

The study begins with a mass of molten material. Upon the solidification of the molten material we have a layered earth that is without continents. We will mainly concern our selves with the outer most layers and how continents were derived. The energy that drives the processes that are to change the earth's surface is derived from the sun and from the residual heat that is contained within the earth. Destructive processes result in the lowering of the earth's surface toward sea level while the constructive processes involve weathering and erosion, ground water, mass wasting, wind and ice increase the the elevation of the surface. The major change that took place on the original earth is the continents. Our discussion will address just how this takes place.
Study Group Leader(s)

Edgar McCullough

Semper Reformanda: Transforming the Church, Then and Now

Fri 9:00 AM - 11:00 AM  start: 10/20/2017  end: 12/15/2017
Tucson Place Saguaro

Course Description

2017 marks the 500th anniversary of the beginning (1517 CE) of an era of Reformations that shook the western Christian church. This course will examine the historical events and theological arguments that stimulated these Reformation movements, and will also explore the subsequent transformation of church and society. In current times, religious institutions are wrestling with change and renewal. The course will offer opportunities to discuss how modern challenges for the Christian churches could impact America’s cultural values, societal structures, and politics.

Study Group Leader(s)

Glenn Schrader
Glenn Schrader has been a university professor for 40 years (chemical engineering) with over 100 research publications. He recently has completed coursework at Luther College (Decorah, IA) and the Desert Renewal Center (Tucson, AZ). He has led several courses at local Tucson churches on the Reformation era. His other interests include sustainability, water ethics, desert gardening/wildlife preservation, and weaving.

Ron Rude
Ron Rude is Lutheran campus pastor at the University of AZ. He has taught several OLLI-UA courses on the topics of "Science and Theology" and "U.S. Presidential History." Interests include hiking, the natural sciences, music, history, and international tr
Television From the 60's Through the 70's – a Transformation of What We Watched

Fri 9:00 AM - 11:00 AM  start: 10/27/2017  end: 12/15/2017

Tucson Place Ocotillo

Course Description

This course will look at the change of the television landscape from the benign early 60's and the encroachment on the boundaries of network censors in the late 60s and into the 70s. Some shows embraced the enlightened changes while others continued to reinforce the old stereotypes. The course will look at the censors regulations and how shows like the Smother's Brothers, coverage of the Viet Nam war, Norman Lear and the creation of cable stations (HBO most specifically) liberated both the language and topics we saw on TV. We will view some clips of old shows in the 60's and 70's and discuss how the impact of shows like All in the Family, Soap, Chico and the Man, Julia and even Star Trek broke the mold from the sanitized world of television.

Study Group Leader(s)

Rob Getlan

Rob Getlan is relatively new to OLLI and has very much enjoyed the community of people involved with the organization. He earned a dual BA in Political Science and Economics from SUNY Oneonta late last century. Rob taught database development at the New School in NYC for more than 10 years and wanted teach a class with far less serious material. His main credential for this class is that in his youth he watched far too much TV. Despite his mother's warnings not to sit too close to the TV, he did, and even though he needs to wear glasses, he did not go blind.

Beginning Spanish

Fri 11:15 AM - 1:15 PM  start: 9/22/2017  end: 12/15/2017

Tucson Place Palo Verde

Course Description

This Part II of the Beginning Spanish from the Spring. You must get teacher approval to join this class. In class we talk a lot in Spanish. And we make a lot of mistakes and have a lot of fun. Students pace the class; we go as fast as the slowest student. We all help each other and learn with each other. The leader also learns something new in every class. We make the classroom into a city, a house, a
grocery store or maybe even a tourist bus and we bring props to set the stage. You should have some familiarity, however remote, with Spanish and be ready to have fun while feeling lost. Students MUST have "Spanish the Easy Way" 4th edition, published by Barron's.

**Study Group Leader(s)**

**Susan Sotelo**
I have taught Spanish to adults at the U of A, Pima College and Sun City Vistoso. I have a PhD in Spanish from the U of A.

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**Western African Art and World View**

Fri 11:15 AM - 1:15 PM  start: 9/22/2017  end: 11/3/2017

Tucson Place Saguaro

**Course Description**

This course will expose the class to West African works of art in sculpture; brass; masks; wall hangings; cloth and clothing; leather work; jewelry; musical instruments and literature. If there is time and interest, music will be included. The leader will "bring the museum to the classroom." We will see how the art work functions in an African context, so we will be learning about culture at the same time. Spoiler alert: there will be homework! There are 8 short stories included in the class, which must be read before the next class. 4 of these will be West African. The other 4 will be from the rest of the continent. Additional cost per student is $8.

**Study Group Leader(s)**

**Cathy Della Penta**
I have a BA and MA in Literature and Language and spent 5 years living and working in Africa over a 19 year period. Four of the five years I served as a Peace Corps Volunteer in Libya, Niger and Sénégal. The last year I was a Fulbright Lecturer at the University of Abidjan, in the Ivory Coast.
The Reach of Islam - Part 1 & 2 Combined (New Students)

Fri 11:15 AM - 1:15 PM   start: 9/22/2017   end: 12/15/2017

Tucson Place Ocotillo

Course Description

The Reach of Islam - Part 1 will be an introduction to Islam - its history, diversity, and why it is now in crisis. Part 1 will focus on pre-Islamic Arabia and the life of Muhammad and his Companions. This will largely be a repeat of what was offered in the Summer session. Most classes will include a reading or a discussion of a contemporary issue in Islam. Part 2 will examine how Islam developed from the time of Muhammad up until the present day. The various strands of Islamic tradition will be discussed including the four legal schools of Sunni Islam, the three main types of Shia Islam, Sufi tradition, and Wahhabism. Most classes will include a reading or discussion of a contemporary issue in Islam.

Study Group Leader(s)

David Shawver

David Shawver has lived and worked in the Muslim countries of Iran, Pakistan, Bangladesh, Tunisia, and Tanzania. He has also traveled widely in the Muslim world. Part of his doctoral work was at the Islamics Institute at McGill University in Montreal, where he studied with Islamic scholars Charles Adams and Wilfred Cantwell Smith.

Heraldry: Coats of Arms, etc. (i.e., All That Colorful Formal Stuff)

Fri 1:30 PM - 3:30 PM   start: 9/22/2017   end: 9/29/2017

Tucson Place Ocotillo

Course Description

The history of heraldry and armory. Importance in chivalry, royalty, ecclesiastics, national identity. Authority in granting an “achievement”. Legal rights re armory. Understanding the meaning of coats of armor. The components, including shield, supporters, crest, motto, helmet; etc. Symbols: heraldic lions; eagles; beasts; monsters; other animals; flags & banners. Marks of sovereignty; cadency; bastardy; ladyship; knighthood. Present status of heraldry in Europe and U.S.
Study Group Leader(s)

William Couchman

B.E. Cum Laude: Yale University (Electrical Engineering); MBA: Carnegie Mellon; 33 years in management: Ford Motor Company (Product planning and corporate strategy); 13 years H&R Block (tax preparer and instructor); Adjunct Instructor: Northwestern University; OLLI instructor (Fall 2016). World Traveler (80 countries; 50 US States).

Literacy as a Language Process

Fri 1:30 PM - 3:30 PM start: 9/22/2017 end: 10/13/2017

Tucson Place Palo Verde

Course Description

We will study together common beliefs about what reading and writing are; readers’ “miscues” that provide a look into the reading process; and young children’s writing that reveal kids’ notions about the sound system of English, the graphic “design” of written language, and how young writers juggle meaning along with the “mechanics” of print. In doing so, we will be dealing with larger questions such as: What does it mean to say literacy is a language process? What is a language process? What do “mistakes” in oral reading tell us about the reading process? What do young kids’ early writings tell us about literacy? How are predictions about multiple subsystems of language and predictions about multiple layers of context central to reading and writing? And what’s the difference between teaching literacy and becoming literate?

Study Group Leader(s)

Carole Edelsky

Carole Edelsky has a Ph.D. from the University of New Mexico. She was Professor at Arizona State University for 32 years, teaching classes such as Sociolinguistics, Discourse Analysis, Qualitative Research, Teacher Research, Theoretical Foundations of Language and Literacy, and others pertaining to language/literacy education. She has published numerous books and articles on language learning from a sociolinguistic perspective, conversational analysis, and gender and language.
Documentaries for Better Health

Fri 1:30 PM - 3:30 PM  
start: 9/22/2017  
end: 12/15/2017

Tucson Place Saguaro

Course Description
We will be watching various Documentaries to make one think about what we can do to improve our health. In addition, I will have guests come in to share information and lead discussions. The following will be documentaries to choose from: Food Health: Sugar: The Bitter Truth, Forks over Knives, Global Junk Food, Globesity, Sicko, etc. Brain Health: What Dr. Amen has learned from 115,000 Brain Scans  Heart Health: Statin Nation I & II  Detoxes: Super Juice Me!, 5:2 Fast Diet, Food Matters - 3 Day Detox, Fasting Additional Fee $10 per student.

Study Group Leader(s)

Mallory Riegger
Mallory Riegger has a BS in Accounting from University of Arizona and is a CPA. She worked in Accounting and Management for 12 years, 9 years in Copper Mining in Arizona and 3 years in Banking in Belgium, before becoming a stay at home mother of 3 and volunteer in various charitable organizations. Mallory has handled various jobs over the years, including webmaster, treasurer, secretary, newsletter editor, among many other positions. Since joining OLLI-UA, Mallory has been the librarian for the DVD library, Curriculum Committee member primarily working with Bob Sklar and Meg Hovell on scheduling starting in February 2017 and was elected to OLLI-UA’s Council in March 2017. Mallory was an SGL for Documentaries for Better Health in the Summer 2017 Session. Mallory is enthusiastic about Health issues and a lifelong fan of music. Mallory also speaks some Spanish, French and German.

Kathleen Norfolk
Kathleen Norfolk started Empower Your Hands 30 years ago when she was a new Therapeutic Massage Graduate. She will present her self-massage techniques during one of our Documentaries for Better Health classes. This self-massage focuses on balance, breath

Cristina Baker
Cristina Baker will be coming in to describe her journey with the 5-2 fasting program which she has utilized for years. Cristina is a volunteer in various excellent charities in Tucson.

Astronomy with Geosciences

Fri 1:30 PM - 3:30 PM  
start: 10/20/2017  
end: 12/15/2017

Tucson Place Ocotillo

Course Description
Our exploration of the Earth, the Solar System, and the Universe beyond continues. We will discuss the ongoing discoveries in astronomy and planetary science as well
as Earth science. This information will be conveyed using short videos, awesome photographs, and understandable/fun graphics. Approximately every other week we will have a guest speaker from the University of Arizona Astronomy Department, Lunar and Planetary Laboratory, or Geosciences Department. - ‘Science Fiction Theatre’ returns - with short clips highlighting Sci Fi movies & TV shows from the past. -Please join us for this continuing journey of exploration and discovery!! - Being in the Spring 2017 class is neither a prerequisite nor necessary to understand and enjoy this class.

**Study Group Leader(s)**

**Guy Jette**

Guy, retired from the U.S. Air Force after 37 years, working in Research and Development in both the aeronautics and space fields. He holds MBA and MS degrees, and is an Associate Fellow of the American Institute of Aeronautics and Astronautics. He currently works in astronomy outreach as a docent at Kitt Peak National Observatory. For the past three years he has given lectures at the University of Hawaii Institute for Astronomy on Maui. Guy also is a member of the Arizona Astronomy Board, which supports the Astronomy Department at the University of Arizona.

**John McCauley**

John retired from IBM after 43 years working in the development of Computer Mainframe Systems and Enterprise Storage Systems. John worked for NASA at the Marshall Space Flight Center in Huntsville, Alabama while an undergraduate student at Purdue Universi