Monday

Microbes, Disease, and Pandemics

Mon 9:00 AM - 11:00 AM start: 1/22/2018 end: 4/9/2018
Tucson Place - Saguaro

Course Description

A series of 10 lectures will cover History and General Properties of Bacteria, the Mechanisms of Adaptation of bacterial pathogens to the human environment, the Birth of Microbiology and Epidemiology: John Snow and Cholera, Syphilis, Plaque, Cholera, and Tuberculosis, Extreme and Unusual Bacteria, Genetic Engineering, Microbial Bioterrorism, Industrial Microbiology, Structure and Function of Animal Viruses, Virus Infections, Stages of Viral Pathogenesis, Relationship between Incubation Period, Immunity, and Symptoms, DNA Virus Infections, Herpesvirus and Poxvirus infections, RNA Virus Infections, Arbo-, Influenza-, Parainfluenza-, and Rhabdovirus Infections, An Introduction to Anti-pathogen Defenses, Mad Cow Disease and Prions.

Study Group Leader(s)

Mark Stinski
Dr. Stinski is a Distinguished Professor of Microbiology and Professor Emeritus at the University of Iowa, Iowa City, IA. He is a fellow of the American Association for the Advancement of Science, a member of the American Academy of Microbiology, a Von Humbolt awardee from Germany, and a Distinguished Inventor Awardee from the University of Iowa.

Gerry Fleischner
Dr. Gerry Fleischner is a medical doctor of Internal Medicine and Infectious Disease.

Western Political Thought, Part II

Mon 9:00 AM - 11:00 AM start: 1/22/2018 end: 4/9/2018
Tucson Place - Ocotillo

Course Description

This is about Western Political Thought in historical context. Part Two, Spring semester, picks up where we left off last semester after covering developments
from the Bronze Age to the events of 1776 AD. We begin now with the American Revolution and its intellectual legacy. Then we trace the interaction of thought and events of the French Revolution and the 19th and 20th centuries. Yale University has made available some useful courses from the History, Political Science and Philosophy Departments, on video. Other universities have provided lectures through online media such as edx.org and coursera.org. What we are trying to do is put some of this material together in a way that makes sense.

**Study Group Leader(s)**

**Jesse Frey**

Jesse Frey is a long-time member of OLLI-UA and has led a wide variety of study groups.

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**Art Law: Authentication and Issues Concerning Appropriation Art**

Mon 9:00 AM - 11:00 AM start: 2/19/2018 end: 2/26/2018

Tucson Place - Palo Verde

**Course Description**

This course covers two issues. Authentication of art is a critical issue every time an art work changes hands, and is equally important to an accurate understanding of artistic scholarship. We will explore the three pillars of authentication, provenance, connoisseurship and science, all of which are equally important to a determination of authenticity. Appropriation Art, the longstanding practice of artists incorporating the work of others into their own artwork, provides an introduction to how intellectual property law is applied to the visual arts. We will gain an understanding of the limits of copyright law, the important copyright concept of Fair Use, the nature of parody and the application of First Amendment concepts as a protection of artistic freedom.

**Study Group Leader(s)**

**Paul Winick**

Twenty five years of law practice devoted to intellectual property (trademark and copyright) and art law, representing artists, dealers, collectors, auction houses and museums.
A Conflict of Visions: How Good People Differ in Politics, Religion & Values

Mon 9:00 AM - 11:00 AM start: 3/5/2018 end: 4/9/2018

Tucson Place - Palo Verde

Course Description

Using two reference books as the bases for discussion, the roots of alternative views of the World will be examined.

Study Group Leader(s)

Bill Martin

Bill attended the University of Southern California and earned an AB in Religion and Social Ethics in 1986, the coursework for which ranged from biblical archaeology to historical reviews of canons of ethics. I also received a minor in English Literature. Although I pursued a career as a musician, I maintained my interest in ethics and philosophy by reading extensively on politics, social criticism and ethical development. I moved to Tucson from Southern California in 1987 and met my wife of 23 years in 1994. We have one son who is attending NAU in Flagstaff.

Watching BBC’s 7 Up Series (Documentary)

Mon 11:15 AM - 1:15 PM start: 1/22/2018 end: 3/26/2018

Tucson Place - Ocotillo

Course Description

The Up Series is a series of documentary films produced by Granada Television that have followed the lives of fourteen British children since 1964, when they were seven years old. So far the documentary has had eight episodes spanning 49 years (one episode every seven years). The children were selected to represent the range of socio-economic backgrounds in Britain at that time, with the explicit assumption that each child’s social class predetermines their future. Every seven years, the director, Michael Apted, films material from those of the fourteen who choose to participate. In this class we will watch the 8 episodes over 10 weeks and the class will discuss the changes that take place every 7 years with the 14 kids in the show (BTW, the "kids" are now 60). It's a fascinating documentary.
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. I have enjoyed this series over the years and wanted to share it with OLLI members and help facilitate the discussion.

News and Views, Horn

Mon 11:15 AM - 1:15 PM start: 1/22/2018 end: 4/9/2018
Tucson Place - Palo Verde

Course Description

Traditional news and views class of weekly topics chosen by the class for discussion.

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: 1/22/2018 end: 1/29/2018
Tucson Place - Saguaro

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 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. Participants – or others –
are also invited to sign up for a community travel program to Bosnia in March 2017. (Email the instructor for further information on the travel program.)

**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.

**Cash in the Treasure in Your Closet: eBay, Craigslist, Charity, etc.**

Mon 11:15 AM - 1:15 PM start: 4/2/2018 end: 4/9/2018

Tucson Place - Ocotillo

**Course Description**

What to sell...on eBay, Craigslist, local stores, etc.

- What is it worth?
- How do I sell it.?
- How do I wrap and ship it?
- Is it better to have a garage sale or to donate (for tax deduction)?

**Study Group Leader(s)**

**William Couchman**

75 years old and not retired yet! Bachelor of Engineering from Yale University with an MBA from Carnegie-Mellon University. Mr. Couchman worked 33 years in management with the Ford Motor Company. Mr. Couchman served as an Adjunct Instructor for Northwestern University, a 13-year tax pro and Master Tax Advisor for BlockAdvisors (former H&R Block Premium) and a 9-year Enrolled Agent (“CPA for taxes”). He instructed for H&R Block for 7 years.

**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 Chorus, and they take their binoculars for bird-watching everywhere they go. Laura loves to use the internet to research options and plan travel, but she also loves to take trips that somebody else plans.
Art Movements from the Renaissance to Post-Modern

Mon 11:15 AM - 1:15 PM start: 2/19/2018 end: 4/9/2018

Tucson Place - Saguaro

Course Description

Using the remaining lectures from Professor Sharon Latchaw Hirsh’s Great Courses class, (“How to Look at and Understand Great Art”), this course will concentrate on art movements and styles, from the Renaissance to Post-Modernism, in relation to the times and cultures in which they developed. Each class will highlight a different period, in chronological order. We’ll see how the times in which people live influence the art styles that develop in each period, and how they influence each other. Dr. 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.

SS: Physics: Neutrinos, What Are They? How Do We Detect them?

Mon 11:15 AM - 1:15 PM start: 2/5/2018 end: 2/5/2018

Tucson Place - Saguaro

Course Description

Neutrinos fill the whole universe, with about 10 millions of them per cubic foot. They were generated shortly after the Big Bang and are continuously produced in abundance by stars (our sun for one), neutron stars, supernovae, Black-Holes, and other violent processes in the universe. From the sun alone 70 billion neutrinos enter every square cm (your fingertip) of the Earth’s surface facing the Sun every second. They traverse the Earth and us without leaving a trace, as they rarely interact with atoms. Because of this fact, we need massive and sophisticated detectors to be able to measure their properties. On this past July, excavation started at the Sanford Underground Research Facility in Lead, South Dakota, to house the detector DUNE. The cOLLImated beam of neutrinos- man-made- is created at Fermilab, Batavia IL by the International Long-Baseline Neutrino Facility
(LBNF) which is 800 miles away. I’ll give a quick view of Neutrino Physics and discuss possible applications to geophysics: to have, possibly, a detailed view of the interior of our planet.

**Study Group Leader(s)**

**Juan Gallardo**

A retired physicist from Brookhaven National Laboratory (NY) in 2012, I have been an SGL for the last five years. I have led study groups on physics but also on literature.

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**Lousy Decision Making 2**

Mon 1:30 PM - 3:30 PM start: 1/22/2018 end: 4/9/2018

Tucson Place - Saguaro

**Course Description**

We will explain why humans are such lousy decision makers. Much of this discussion follows Kahneman and Tversky. Then we will show how you can make better decision by doing tradeoff studies.

**Study Group Leader(s)**

**Terry Bahill**

Terry Bahill is Professor Emeritus of Systems and Industrial Engineering at the University of Arizona in Tucson. He received his Ph.D. in electrical engineering and computer science from the University of California, Berkeley, in 1975. He is the author of six engineering books and 250 papers; over 100 of these are in peer-reviewed scientific journals. Bahill has worked with dozens of technical 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 an elected 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://www.sie.arizona.edu/sysengr/. His research interests are in the fields of system design, modeling physiological systems, eye-hand-head coordination, human decision making, and systems engineering application and theory. He has tried to make the public appreciate engineering research by applying his scientific findings to the sport of baseball.
Unpacking the Constitution

Mon 1:30 PM - 3:30 PM start: 1/22/2018 end: 2/26/2018

Tucson Place - Palo Verde

Course Description

This will be a discussion class to consider the historical background and context of the US Constitution and to parse through its language to seek deeper understanding. We will cover Articles I - VII. We will cover several amendments as they affect the core Articles. We will not cover the Bill of Rights. A few suggested readings and copies of the pocket Constitution will be provided.

Study Group Leader(s)

Gail Kamaras

Gail worked as an attorney and bureau chief for the New York State Department of Environmental Conservation and later as Energy Program Director for the Legal Environmental Assistance Foundation in Florida. She has a longstanding interest in US Revolutionary War period and constitutional history.

Optics in Your Life

Mon 1:30 PM - 3:30 PM start: 1/22/2018 end: 2/26/2018

Tucson Place - Ocotillo

Course Description

These sessions start with some basics of light and then cover light in nature, historic events and modern applications. Learn about the discovery of the mirror and lens, the invention of the telescope and microscope and the origin of the heliocentric world, of quantum mechanics and of relativity. Even how E=mc2 came about. Discover why the sky is blue and bluer in Arizona, why the sunset is red, why ice floes are blue and there are puddles of water when it has not rained in months. Learn how the rainbow is formed, the primary, secondary and even the superluminary. See how mosquitoes and pit vipers stalk their prey (sometimes us), why humming birds are so colorful. Learn in today’s world about autonomous cars, GPS, giant telescopes, Hubble trouble, spy satellites, multispectral imaging, telemedicine, cancer and nerve detection, solar panels and roads, modern TV, circuit boards, fiber optic cables, optical gyroscopes, seasonal affective disorder, laser elimination of fat, LASIK and more. All this with only a few equations !!!
Study Group Leader(s)

William Wolfe

Professor Wolfe has taught at the University of Michigan, Northeastern University and the University of Arizona, where he is now professor Emeritus. He spent some time in a real job at the Honeywell Radiation Center where he was chief engineer and department manager. His specialty is infrared system design. He has designed the first night driving system for the Cadillac, an aerial reconnaissance system for the Air Force, tank driving systems for the Army and more. After some fifty years studying optics, he thinks he has finally got it. He wants to pass some of it on.

International Women’s Rights 2nd Annual Film Festival

Mon 1:30 PM - 3:30 PM start: 3/5/2018 end: 4/2/2018

Tucson Place - Ocotillo

Course Description

Through a new series of films, videos and documentaries, we will enter the worlds and lives of courageous women around the world who face the challenges of sexism and violence. Starting with an analysis of the current US context, we will move on to experiences of women in Africa and Latin America and return to the US to conclude. In our discussions, we will analyze the specific contexts of women’s lives and struggles, the factors and forces that both have oppressed and empowered them, and the ways in which they have confronted these dynamics in their quest for equality, justice and dignity. And we will bring our own personal stories into the discussions. Note: this class will not meet on 3/12/2018.

Study Group Leader(s)

Valerie Miller

For over 35 years, Valerie Miller has collaborated with colleagues from peasant organizations, the UN, World Bank, League of Women Voters, etc. to develop women leaders and movements. At JASS, a global network of activists and scholars, Dr. Miller facilitates workshops, seminars, and research on power, advocacy, and women’s leadership. To do this, she taps her rich experiences as a family planning counselor, community organizer, NGO policy director, and leader of national human rights coalitions and Congressional delegations. Drawing on this expertise and her doctorate in education, she has collaborated on numerous articles and books on education, social change, power analysis and women rights.
Modern Residential Lighting

Mon 1:30 PM - 3:30 PM start: 3/5/2018 end: 3/26/2018

Tucson Place - Ocotillo

Course Description

The LED and the smart phone have revolutionized the way we can light our homes. These sessions cover the optical basis of lighting, the properties of incandescent bulbs, fluorescents and LED’s, with emphasis on the latter. Also, considerations of lighting with sunlight and skylight. Properties of the eye and how we sense color and other responses, like time response and acuity, are reviewed as they influence lighting. Windows are covered, including insulating, electrochromic and those that create electricity. Then the way one calculates the required amount of light, just a little about lumens and foot candles. The coup de Lumière is some interesting examples and possibilities for various rooms in the house, like a starlit bedroom.

Study Group Leader(s)

William Wolfe

Professor Wolfe has degrees in electrical engineering and physics. He has taught at the University of Michigan, Northeastern University, the New School of Architecture and Design and the University of Arizona, where he is now professor Emeritus of Optical Sciences. He spent some time in a real job at the Honeywell Radiation Center where he was chief engineer and department manager. He taught courses in radiation transfer (including light) and the solid state physics of detectors (the reverse of light emitting diodes or LED’s). He has recently done research on residential lighting and is ready to share some insights about the upcoming revolution in lighting brought on by LED’s.

RV Camping

Mon 1:30 PM - 3:30 PM start: 4/2/2018 end: 4/9/2018

Tucson Place - Palo Verde

Course Description

Learn why it is fun, how much it costs, what kind of RV’s there are and maybe which is best for you. Is it really cheaper than moteling? Better? What about renting? Storing? Even some tips about selecting and enhancing a rig.
Study Group Leader(s)

William Wolfe

Professor Wolfe has degrees in electrical engineering and physics. He has taught at the University of Michigan, Northeastern University, the New School of Architecture and Design and the University of Arizona, where he is now professor Emeritus of Optical Sciences. He spent some time in a real job at the Honeywell Radiation Center where he was chief engineer and department manager. He taught courses in radiation transfer (including light) and the solid state physics of detectors (the reverse of light emitting diodes or LED's). He has recently done research on residential lighting and is ready to share some insights about the upcoming revolution in lighting brought on by LED's.

SS: Cloud Computing Explained – Finally, Section II

Mon 1:30 AM - 3:30 PM start: 4/9/2018 end: 4/9/2018

Tucson Place - Ocotillo

Course Description

What is Cloud Computing? Who needs it and uses it? You do! With Netflix, Amazon, Google, Pandora, and many other daily Internet activities you are embracing Cloud Computing without realizing it. In this lively and informative single session, John Nemo will demonstrate what Cloud Computing is and how it works for you, both in full view and behind the scenes. Bring your iPad, iPhone, Android device, or laptop computer to follow along in real time.

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.
Tuesday

Poetry Writing Workshop: Intermediate level

Tue 9:00 AM - 11:00 AM start: 1/23/2018 end: 4/10/2018
Tucson Place - Palo Verde

Course Description

This study group is limited to twelve poets who have some experience and a commitment to reading and writing poems on a regular basis. You will enjoy the study group more if you are willing to work to develop your craft and deepen your poems through imagination, experimentation, and radical re-vision. If you are satisfied with what you are writing now, you probably shouldn't enroll in this study group. During the term you will have the opportunity to write, workshop, and revise 10 poems. If you do not already own Ted Kooser's "The Poetry Home Repair Manual," please buy a copy. The book is available on Amazon. An additional fee of $6.00 per student is required.

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.

America's Founding Fathers

Tue 9:00 AM - 11:00 AM start: 1/23/2018 end: 4/10/2018
Tucson Place - Saguaro

Course Description

“America’s Founding Fathers” will feature this lectures series by Professor Allen C. Guelzo produced in collaboration with the Smithsonian Institute. We will also continue some time devoted to current events as they relate to constitutional issues.
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.

Understanding India - Its History and Culture

Tue 9:00 AM - 11:00 AM start: 1/23/2018 end: 4/10/2018

Tucson Place - Ocotillo

Course Description

The Indian Subcontinent is home to the world's largest democracy. It soon will be home to the world's most populated country. It has some of the world's fastest growing economies. Numerous world religious traditions started in India including Buddhism, Hinduism, Jainism, and Sikhism. In addition there are more Muslims in the India Subcontinent than in any other region of the world. Its cultural influence is recognised in the terms "IndoChina" and the "Indian Ocean." Come explore Greater India!

Study Group Leader(s)

David Shawver

Dr. David Shawver studied at Madurai University and worked as an educator for the U.S. State Department for a decade in the Indian Subcontinent. He was a Shastri Indo-Canadian Fellow when he was completing his doctorate at McGill University in Montreal. He also worked with students from the Indian diaspora in countries ranging from Burma to Tanzania and the Congo.

News and Views, Furman

Tue 11:15 AM - 1:15 PM start: 1/23/2018 end: 4/10/2018

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

Physiology of Aging II - Time to Get Fit

Tue 11:15 AM - 1:15 PM start: 1/23/2018 end: 4/10/2018
Tucson Place - Ocotillo

Course Description
This course is about exercise from the standpoint of the physical therapist. It will examine the therapist point of view when prescribing exercise. It will discuss variations of exercise from endurance, strength, balance, and overall conditioning. Sessions will focus on pelvic health including Kegels; stabilization of hip replacements, fractures, pelvic floor surgeries, and cancer.

Study Group Leader(s)

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.

Tonya Bunner
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.

Documentaries to Make You Think

Tue 11:15 AM - 1:15 PM start: 1/23/2018 end: 4/10/2018
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 the 1st class.
1/23 - BEST DEMOCRACY MONEY CAN BUY: Billionaires and Ballot Bandits - Details the devious methods used to steal our elections through voter suppression fraud by disenfranchising millions of voters. (2016, 111 minutes)

1/30 - STORY OF CATS: An In Depth Look at What Makes the Family of Felines Unique - Like their wild cousins, our cuddly domestic cats are skilled hunters. (2016, 120 minutes)

2/6 - A PLASTIC OCEAN: The Truth About Our Trash - Americans recycle only 9% of the plastic we use; 8 million tons leak into the oceans every year. (2017, 100 minutes)

2/13 - MARGARET SANGER: Choices of the Heart - The dramatic story of public heroism, personal passion, and the private sacrifice of one woman’s historic fight to promote family planning and sex education in the early 1900’s. (2010, 92 minutes)

2/20 - PEOPLE vs THE STATE OF ILLUSION: Advice for Becoming a Happier Person - The science of perception and imagination gives us the power to change our lives by changing our minds. (2012, 86 minutes)

2/27 - TRAIL OF TEARS: The Cherokee 1830’s Eviction at Gunpoint - With no past and no future, these forced settlers showed courage, adaptation and resilience, as they suffered from exposure, disease and starvation during this historic landgrab. (2010, 105 minutes)

3/6 - GERONIMO: A Spiritual Journey Through the Heart of a Warrior - This American legend evades capture through brilliant military strategy and cutthroat courage, as the last Indian leader to surrender to the white man in 1886. (1998, 115 minutes)

3/13 - IDLE THREAT: Man on Emission - One man, determined to reduce air pollution in his neighborhood and combat global climate change, makes a big difference, as he confronts New York City’s lax enforcement efforts restricting curbside engine idling. (2014, 62 minutes) EARTH DAY: The Impact of Human Existence - Educates us on the latest global warming and climate change efforts to avoid ecological disaster and restore our Earth. (2016, 60 minutes)

3/20 - RACHEL CARSON: Silent Spring - In 1962, she set out to save a species….us! Her warning unleashed an extraordinary national debate about science and safety, inspiring a revolution in environmental policy and a new ecological consciousness. (2017, 113 minutes)

3/27 - BIG SUR: The Most Panoramic Coastline in America! A visual treat seen through the eyes of California condors (sky), sea otters (water), and mountain lions (land). (2010, 50 minutes) + BIG SUR (2002, 58 minutes)
4/3 - MYANMAR (Burma): Elephants and Their Oozies - Logging tree by tree with elephant partners, passionate and committed men known as “Oozies” employ these Asian animals in an arduous effort to save their forests and their culture. (2015, 89 minutes)

4/10 - GENE KELLY: A Vibrantly Driven Genius - His magical talent re-energized the movie musical and re-defined dance on the screen. It’s a life to be watched, celebrated and enjoyed, through superbly chosen interviews and film clips in sparkling condition. (2002, 87 minutes)

**Study Group Leader(s)**

**Beverly Jordon**

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

**Issues Raised by Davos Global Economic Forum 2017**

Tue 1:30 PM - 3:30 PM start: 1/23/2018 end: 4/10/2018

Tucson Place - Palo Verde

**Course Description**

Course will center around the Global Risks Report World Economic Forum. Primary foci of this discussion course (note, not primarily a didactic course) will be on emerging technologies and their likely effects on the job market, unemployment, income inequality, social instability, and Western democracy. In addition will look at how growth is measured and theories concerning slowing economic growth. As the class progresses issues raised in class may be the focus of individual sessions. Reading for the course will be provided by the leaders. The primary source will be https://www.weforum.org/reports/the-global-risks-report-2017. Refer to this to get a better idea of the course.

**Study Group Leader(s)**

**Martin Goldman**

Martin is a retired physician with an undergraduate degree in Economics from Harvard. In the past he has led many economic related courses at the senior programs at Harvard, Brandeis and at OLLI.

**Glenn Bacon**

Glenn Bacon's formal education is in electrical engineering and computer science. He has followed artificial intelligence technology since the '50s and have led several OLLI study groups on its recent progress.
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 University. John's formal education is in Electrical Engineering and Computer Science. Since retirement, John has been active in developing science courses at OLLI-UA.

TMA Docents Art Talks IV

Tue 1:30 PM - 3:30 PM start: 1/23/2018 end: 2/27/2018
Tucson Place - Ocotillo

**Course Description**

This is fourth and entirely new presentation of of these LIVE and highly popular Art Talks given by Docents from the Tucson Museum of Art. The talks are beautifully illustrated, well researched, informative and fun.

**Study Group Leader(s)**

**Richard Woodward**

Dick Woodward continues to share his interest in liberal arts and especially fine arts with these TMA Docents Art Talks. In the past he has led courses on Goethe’s Faust and Learning to Read Plays.

U.S. Civil-Military Relations in the 20th Century

Tue 1:30 PM - 3:30 PM start: 1/23/2018 end: 2/27/2018
Tucson Place - Saguaro

**Course Description**

The course blends political and military sciences to illuminate critical interactions and decisions in American history. Content and attendee participation will approximate a political science seminar, which assumes familiarity with executive and legislative branch functions in foreign policy and defense. It assumes attendees will absorb presented material on how senior U.S. military leaders advise on national security matters and then implement policy. Powers allocated to the President and Secretary of Defense, and the norms of exercising those powers, complicate relationships between parties that: (1) formulate and implement policies that may lead to war, and (2) make decisions governing the conduct of war.

Not many policies and decisions in a complex foreign policy environment are unanimously agreed upon by civilian and military principals. Complicated foreign
events since World War II compounded this trend. In addition, various policies and decisions triggered disagreement and backlash among advisors and decision-makers, occasionally requiring “enforcement” or disciplinary measures from executive civilian leaders. These historical issues and situations provide crucibles to examine the interaction of policy options, leader personalities, and organizational imperatives. Political theories and probing case studies will test us to examine our own beliefs of good governance, and to weigh facts versus arbitrary perceptions. Expect multiple points of view to surface in discussions on the personalities, policies, crises, relationships and outcomes that shaped the American experience.

Class sessions, at two hours per session, include:

1) Foundations of Civil-Military Relations
2) 19th Century through World War II
3) Inter-war Years & Korean War
4) 1950s and the Cold War
5) Cuban Missile Crisis & Vietnam
6) 1980s Doctrines, Gulf War & 1990s

The initial class session presents prominent academic theories on civil-military relations and will include two discussions. The second session explores U.S. history through World War II that conditioned modern-day thinking on civil-military relations; discussions will accompany this material. Once we’ve set a foundation for broad-based discussion, sessions three through six will increasingly utilize case studies.

**Study Group Leader(s)**

**Mark Schwartz**

Global Jazz

Tue 1:30 PM - 3:30 PM start: 3/6/2018 end: 4/10/2018
Tucson Place - Ocotillo

Course Description

Join me on a virtual musical journey around the world as we explore the linguistic and cultural influences that countries, near and far, have contributed to the global jazz sound. Before we embark on our excursion, we will start in the U.S., the birthplace of traditional AND Latifro-Cuban jazz. Experience the evolution of Latin jazz in New York City, a fusion of Caribbean rhythms and American jazz, and follow along as it spreads to California. We will then travel to the following international sites: Brazil (who can forget the Bossa Nova?), West Africa (a vibrant new African musical experience), Europe (gypsy jazz, anyone?), New Zealand (Maori jazz), Mexico (klezmer jazz, I kid you not!) and India (a blend of traditional music and jazz). Bulgaria, Canada, France Norway and Scotland are also represented by individuals or combos infusing jazz with their culturally-dynamic sounds. The pioneers of the memorable global jazz sub-genres, and those who followed in their footsteps, will be highlighted, as well as contemporary artists and lesser-known musicians whose performances have drawn rave reviews. We will also delve into the composition of native (think West African) instruments which create the unusual sounds heard during some of our sessions.

Study Group Leader(s)

George Tapia
Retired Tucson high school teacher, Northern Arizona University-Tucson adjunct faculty member, and US Army Reservist. I developed an interest in jazz as a trombonist in my high school jazz band and have since expanded my interest in other manifestations of jazz played in other regions of the world.

The Civil War in U.S. History

Tue 1:30 PM - 3:30 PM start: 3/6/2018 end: 4/10/2018
Tucson Place - Saguaro

Course Description

The course will approach the place of the Civil War in the growth and development of the United States from its establishment in the 18th century through the U.S. we know today in the 21st century. We will pay attention to:
• The role black slavery played in the U.S. until 1860, the compromises made to avoid conflicts between states and regions, and the economic development of the two regions, and how these factors influenced the outcome of the war.

• The strategy, tactics and logistical doctrines used by both sides in the actual armed conflict, and how economics, demographics, leadership, and world events influenced the outcome.

• The history of post-conflict efforts to restore and maintain unity: Reconstruction of the South, race relations, civil rights and racial equality.

Study Group Leader(s)

Paul Waugaman

Paul Waugaman has been an OLLI member since 2013. He retired from a career in research management in the Federal Government, academia, and consulting. History has been an interest throughout his life. He has concentrated on the Civil War and the evolution of American government and politics. He has taught U.S. History part-time at the college level; and as a consultant, senior manager, and study leader, has developed and presented educational experiences in professional development for adults.

Wednesday

Classical Masterpieces: Opera

Wed 9:00 AM - 11:00 AM start: 1/24/2018 end: 4/11/2018

Tucson Place - Ocotillo

Course Description

Each week we will listen to a portion of a different opera, 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.
Change: A Constant in Medicine, Chapter 5

Wed 9:00 AM - 11:00 AM start: 1/31/2018 end: 2/28/2018
Tucson Place - Saguaro

Course Description

Faculty from the UA College of Medicine will present medical topics related to problems of our membership age range.

31 Jan - Fernando D. Maltinez, M.D., Regents Professor, Professor of Pediatrics - Advances in Prevention of Asthma

7 Feb - Bruce M. Coull, M.D., Professor, Department of Neurology and Medicine - Stroke: Prevention, Diagnosis & Treatment

14 Feb - Charles B. Cairns, M.D., Dean - College of Medicine - Precision Medicine

21 Feb - Sairam Parthasarathy M.D., Professor of Medicine, Director, Center for Sleep Disorders - Your Snoring Disturbs My Sleep

28-Feb - Elmer S. Lightner, M.D., Emeritus Professor of Pediatrics - 60 Years of Medicine (1958 - 2018)

Study Group Leader(s)

Elmer Lightner
Emeritus Professor of Pediatrics, UA College of Medicine. Member of OLLI for over 12 years. Has taught many previous courses, including What's in Your Jeans (oops - Genes), Influence of Epidemics on History, etc.

Writing for Self Discovery

Wed 9:00 AM - 11:00 AM start: 1/24/2018 end: 2/28/2018
Tucson Place - Palo Verde

Course Description

In this course you will be writing essays about things that have happened in your life, and the feelings and emotions you have experienced along the way. You will write a total of five essays, on topics such as memories from growing up, decisions that affected your life, emotional experiences, and something you are dealing with right now. The goals of the course are: (1) to help you get in touch with yourself
through writing and (2) to help you write in a way that is engaging and meaningful to your readers. Register only if you are committed to writing weekly essays and are open to giving and receiving constructive feedback.

IMPORTANT REQUIREMENT: Register only if you are able to use the Internet to send your essays, as Word documents or PDF files, to the other students in the class.

**Study Group Leader(s)**

**Bruce Goldstein**

Bruce Goldstein is Associate Professor Emeritus of Psychology at the University of Pittsburgh and Adjunct Professor of Psychology at the University of Arizona. He received the Chancellor’s Distinguished Teaching Award from the University of Pittsburgh for his classroom teaching and textbook writing. Bruce has written a number of undergraduate textbooks about perception and cognition, and has been a student in writing courses that have involved writing both fiction and non-fiction. He has taught “Writing for Self Discovery” for OSHER at Carnegie-Mellon University and the University of Arizona.

**P.O.V. (Points of View)**

Wed 9:00 AM - 11:00 AM start: 3/7/2018 end: 4/11/2018

Tucson Place - Palo Verde

**Course Description**

Socrates is reported to have said, “The unexamined life is not worth living.” In this study group we will examine and discuss our personal Points Of View on important social ideas that greatly influence the way we live. What is our current point of view? How did we get to this perspective? How does it enter into our relationship with others? Two of the issues we will examine are God/Religion, and Race. Three other issues to be examined will be chosen by the participants in the group.

**Study Group Leader(s)**

**David Hill**

David Hill is a psychologist interested in how our personal points of view evolve over our lifetime and how they influence our relationship with self and others. He has worked in private practice, public clinics and academic settings for over 45 years.
Travel Hints and Glints

Wed 9:00 AM - 11:00 AM start: 3/7/2018 end: 4/11/2018
Tucson Place - Saguaro

Course Description

Course will provide info about various tourist destinations around the world. Each class session will focus on a country or destination in a particular area, such as South Africa, East Asia, Central Europe, northern South America, and/or the United States. Areas of interest will be discovered through a pre-course survey of prospective class participants. Class sessions will be broken into three 12-15 minute presentations followed by time for questions and answers. People who have been to the areas being discussed will be asked to present information and answer questions from class participants.

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 Chorus, and they take their binoculars for bird-watching everywhere they go. Laura loves to use the internet to research options and plan travel, but she also loves to take trips that somebody else plans.

Cognition and Aging

Tucson Place - Ocotillo

Course Description

Do you feel as if your memory isn’t what it once was? How about your ability to pay attention to what’s happening on the road while you’re driving? Negative changes in memory, attention and other cognitive functions do occur as we age, but the amount of change differs for different people. These lectures will describe the normal changes in cognitive functioning that occur with age, why these changes occur, and what you can do to maintain good cognitive functioning.
Study Group Leader(s)

Bruce Goldstein
Bruce Goldstein is Associate Professor Emeritus of Psychology at the University of Pittsburgh and Adjunct Professor of Psychology at the University of Arizona. He received the Chancellor's Distinguished Teaching Award from the University of Pittsburgh for his classroom teaching and textbook writing. Bruce has written two widely used college textbooks, Sensation and Perception, which is now in its 10th edition, and Cognitive Psychology: Connecting Mind, Research and Everyday Experience, which will come out in its 5th edition in June 2018. He has taught this course for OLLI at Arizona and Carnegie-Mellon University. He is also teaching the 8-session course Your Amazing Mind, in the same time-slot, beginning January 24.

Oedipus Plays of Sophocles, Section I

Wed 11:15 AM - 1:15 PM start: 1/24/2018 end: 2/28/2018
Tucson Place - Palo Verde

Course Description

In this 6-week course we will read Sophocles's Theban cycle: Oedipus the King, Oedipus at Colonus, and Antigone. These ancient Greek dramas of extreme beauty explore the deep pathos of the human condition and the unending potential for happiness in the human spirit. The text will be The Oedipus Plays of Sophocles translated by PAUL ROCHE. The ISBN for the most recent edition of this translation is 978-0-452-01167-0 although older editions will suffice as long as they are translated by PAUL ROCHE.

Study Group Leader(s)

Suzanne Peters
Sue Peters is an experienced study group leader.

Personal Peace Corps Stories by 6 OLLI Peers

Wed 11:15 AM - 1:15 PM start: 1/24/2018 end: 2/28/2018
Tucson Place - Saguaro

Course Description

Six OLLI-UA members in search of service and adventure share their experiences from the two years they volunteered in the United States Peace Corps during the 1960-70's. Two returned for shorter periods 2012-2016. Countries where they worked include Afghanistan, Ecuador, India, Iran, Libya, Malawi, Mali, Mexico,
Niger, Nigeria, Peru and Senegal. Presenters: Terry Coleman, Cathy DellaPenta, Dave Healey, Rod Norrish, Renate Schulz, David Shawver

**Study Group Leader(s)**

**Mary Helen Kaser**
Mary Helen is an active OLLI member with an abiding interest in the Peace Corps from its beginning when JFK first suggested it while campaigning for president.

**Rod Norrish**
Rod Norrish is a retired Public Health professional.

**Renate Schulz**
Renate Schulz is an Applied Linguist and Professor Emerita at the University of Arizona. She has traveled widely and served in the U.S. Peace Corps in Nigeria, Mali and Mexico.

**David Shawver**
Dr. David Shawver studied at Madurai University and worked as an educator for the U.S. State Department for a decade in the Indian Subcontinent. He was a Shastri Indo-Canadian Fellow when he was completing his doctorate at McGill University in Montreal.

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**The Age of Innocence-Wharton, Section I**


Tucson Place - Palo Verde

**Course Description**

In this 6-week course we will read Edith Wharton's classic novel The Age of Innocence which was awarded a Pulitzer Prize in 1920. The novel deals with changes in American society toward the end of the nineteenth century which we view through Wharton's vibrant portrayal of characters such as Newland Archer, the Countess Olenska and May Welland. I will be using the Penguin Classics Edition although other editions will suffice. The Age of Innocence by Edith Wharton, Penguin Classics ISBN 978-0-14-018970-4.

**Study Group Leader(s)**

**Suzanne Peters**
Sue Peters is an experienced study group leader.
The Art of Contemplation through the Wisdom of Thomas Merton

Tucson Place - Saguaro

Course Description

We will be doing a two part series - the first 4 weeks will be the presentation of the Title in depth in the Art of contemplation through the wisdom of Thomas Merton. I will describe how this Art can transform our lives. We will have 45 minute discussion period at the end of each session. The second two week part will be for people who have already taken the first part and for those who are taking the first part and want to continue. The second part will be more discussion, more conversation through the art, and more personal expression.

Study Group Leader(s)

William Joseph

My name is William Joseph and I am an educator by education and worked in that field for 30 plus years. I have been doing seminars on the "Art of Contemplation through the wisdom of Thomas Merton" for over 10 years, and have done two semesters at OLLI here in Tucson. My desire is to bring this wisdom into practice for all who attend. I am a practicing environmentalist on the side and attempt to reduce my co2 emissions every day. Actually, it works in the same fashion as the practice of Contemplation.

Your Amazing Mind

Wed 11:15 AM - 1:15 PM start: 1/24/2018 end: 3/21/2018
Tucson Place - Ocotillo

Course Description

The title of this 8-week course says it all. The mind is truly amazing. It is responsible for everything you do and are, and often accomplishes its feats in mysterious ways. We begin by describing how scientists have studied the mind, and what their work has revealed about the relationship between mind, brain and experience. We then describe the mechanisms behind some of the things the mind does, including perceiving, attending, remembering, thinking, and relating to other people. The emphasis will be on relating scientific findings to everyday experience. No previous background in psychology or physiology is needed for this class.
Study Group Leader(s)

Bruce Goldstein

Bruce Goldstein is Associate Professor Emeritus of Psychology at the University of Pittsburgh and Adjunct Professor of Psychology at the University of Arizona. He received the Chancellor's Distinguished Teaching Award from the University of Pittsburgh for his classroom teaching and textbook writing. Bruce has written two widely used college textbooks, Sensation and Perception, which is now in its 10th edition, and Cognitive Psychology: Connecting Mind, Research and Everyday Experience, which will come out in its 5th edition in June 2018. He has taught this course for OLLI at Arizona and Carnegie-Mellon University. He is also teaching the 2-session course Cognition and Aging, in the same time-slot, beginning March 28.

SS: Cloud Computing Explained - Finally

Wed 11:15 AM - 1:15 PM start: 3/7/2018 end: 3/7/2018
Tucson Place - Ocotillo

Course Description

What is Cloud Computing? Who needs it and uses it? You do! With Netflix, Amazon, Google, Pandora, and many other daily Internet activities you are embracing Cloud Computing without realizing it. In this lively and informative single session, John Nemo will demonstrate what Cloud Computing is and how it works for you, both in full view and behind the scenes. Bring your iPad, iPhone, Android device, or laptop computer to follow along in real time.

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: Pruning Small Woody Plants

Tucson Place - Ocotillo

Course Description

This presentation will review the principles of pruning for shrubs and small trees. Participants will explore valid reasons for pruning that protect plant health, when and how much to prune, and pruning to train young shrubs and small trees, rejuvenate overgrown plants, and rehabilitate over-pruned shrubs. A wide variety
of common and exotic plant species will be used as examples to prepare practitioners with the knowledge to adapt to any situation in the field.

**Study Group Leader(s)**

**Tanya Quist**

Tanya Quist is a horticulturalist interested in promoting sustainable management of landscape ornamentals in the desert southwest. She received a Ph.D. in plant physiology and molecular genetics from Purdue University’s Department of Horticulture and Landscape Architecture with a focus on understanding how plants respond to stress. Previous work similarly explored the whole plant, horticultural impacts of water quality on growth and health of woody landscape plants. Currently, she works in the School of Plant Sciences at the University of Arizona where she also serves as Director of the University’s Campus Arboretum, an APGA member and Tree Campus USA for excellence in urban horticulture.

**Conquistadors in North America and Peru**

Wed 1:30 PM - 3:30 PM start: 1/24/2018 end: 4/11/2018

Tucson Place - Saguaro

**Course Description**

Alvar Nunez Cabeza de Vaca writes a memoir of his 1528-1536 years of travel in the deserts of the Southwestern United States which is the first European account entirely devoted to North America. Hernando de Soto's expedition to Florida, Georgia, Mississippi, Alabama and possibly Arkansas gives an account of the first European to cross the Mississippi River. The Pizarro brothers write their description of the conquest of Peru. These are all first hand descriptions of the New World of North and South America by participants in the exploration and conquest of this New World. Their impact on indigenous inhabitants of this world had lasting effects which we will discuss while reading the book Conquistador Voices (vol. II). edited by Kevin H. Siegel ISBN 13-978-0978646639, available on line and in stores.

**Study Group Leader(s)**

**Charles Peters**

Charles Peters has been an experienced study group leader for a number of years.
Income Tax: Tax Prep, History, Theory, and Saving Money

Wed 1:30 PM - 3:30 PM start: 1/24/2018 end: 4/11/2018

Tucson Place - Ocotillo

Course Description

1) How to save you some $$Big Bucks.

2) Knowledge and skills: Should I do my own tax return? Show you how to prepare your own individual income tax return; or how to vet, check, or assist your tax pro. A shorter discussion on business taxes.

3) Fun facts about taxes, including history and public policy.

Study Group Leader(s)

William Couchman
75 years old and not retired yet! Bachelor of Engineering from Yale University with an MBA from Carnegie-Mellon University. Mr. Couchman worked 33 years in management with the Ford Motor Company. Mr. Couchman served as an Adjunct Instructor for Northwestern University, a 13-year tax pro and Master Tax Advisor for BlockAdvisors (former H&R Block Premium) and a 9-year Enrolled Agent (“CPA for taxes”). He instructed for H&R Block for 7 years.

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 Chorus, and they take their binoculars for bird-watching everywhere they go. Laura loves to use the internet to research options and plan travel, but she also loves to take trips that somebody else plans.

Understanding "Capital in the Twenty-first Century by Thomas Piketty"

Wed 1:30 PM - 3:30 PM start: 1/24/2018 end: 2/28/2018

Tucson Place - Palo Verde

Course Description

Using Thomas Piketty’s book Capital in the Twenty-First Century as a guide, this class will be a guided discussion designed to help the student understand why a small gap between the average return on a country’s nonhuman, income-producing assets (profits, rents, dividends, interest, royalties, and capital gains) and the
growth rate of a country’s national income can, in the long run, have a powerful and destabilizing effect on the structure and dynamics of social inequality. The student will be exposed to current thought on how to solve this problem.

**Study Group Leader(s)**

**Jamie McMillin**

BA Political Science and Sociology Albion College 1965 MS Financial Services, American College of Financial Services, 1983 AS Microcomputer Technology Management, State Technical Institute, 1993 1995-2010 Developed relational database systems for small and medium sized companies, including architectural design, GUI interface, process code, report code, and maintenance.

**Lesley Bailey**

Lesley Bailey has a BA and MA in English Studies but didn't go any further partly because she didn't have the stomach for the politics of her discipline. Her varied work history includes pension fund consulting and innovative higher education in Japan and the US.

**Let’s Talk About TED**

Wed 1:30 PM - 3:30 PM start: 3/7/2018 end: 4/11/2018

Tucson Place - Palo Verde

**Course Description**

TED talks are interesting, educational, fascinating, and sometimes controversial. They can be presented by Nobel Laureates or the common man. We will listen to a 20 minute TED picked by the presenting student, then the student will facilitate the discussion for the following half hour. They may add additional facts, question the premise, or leave the discussion up to the class' own direction. This is a participatory class with a presentation by a different student each hour.

**Study Group Leader(s)**

**Elaine Orman**

Elaine ia a retired teacher who has taught other OLLI classes before. She has had a myriad of different careers and is an avid world traveler. Her OLLI membership began in 2009 including participating in the Council.
Thursday

Conversational Spanish (Intermediate)

Thu 9:00 AM - 11:00 AM start: 1/25/2018 end: 4/12/2018
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 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.

Marianne Vanzyll
Marianne Vanzyll was born and raised in Holland. Speak five languages, lived in Switzerland for 1 yr. before coming to the US. I married a widower with four kids so I had an instant family. Two yrs. into our marriage we moved to southern Spain where we lived for 8 yrs. After returning to CT. we moved to AZ (to stay warm). I've been a volunteer with the AZ Cancer center for over 27 yrs. I love to travel, photography, opera, theater, gardening and of course my volunteering plus much much more.
Critical Supreme Court Decisions

Thu 9:00 AM - 11:00 AM start: 1/25/2018 end: 2/15/2018
Tucson Place - Ocotillo

Course Description

Critical Supreme Court Decisions will consist of a series of four presentations by a legal team of two lawyers. Each presentation will discuss a current Supreme Court decision that has broad importance to society. The discussions will include the background necessary for understanding the issues involved. The legal team will take the roles of the majority and dissent to animate the differences in analyses and conclusions. Questions and observations from the participants during the presentations is strongly urged.

Study Group Leader(s)

Sheldon Trubatch

Sheldon Trubatch is currently an Adjunct Professor, University of Arizona, Rogers College of Law. He also worked in various energy environments, including serving in the Office of General Counsel, U.S. Nuclear Regulatory Commission, Commonwealth Edison (Exelon), and has served as counsel and partner at several law firms.

Climate Science and Global Climate Change

Thu 9:00 AM - 11:00 AM start: 3/8/2018 end: 4/5/2018
Tucson Place - Ocotillo

Course Description

This course is about the scientific foundations of the understanding of the global climate, its past, present, and estimates for the future. We will explain and discuss the climatological changes in the last few hundred years and the key role of the increase in atmospheric carbon dioxide (CO2) concentration and its consequences on the global climate, regional variations, and on human society over the next few decades and centuries. With this background, we will take a critical look at the economic and political issues, for both the US and the rest of the world, facing our planet, where the process is today, key options for mitigation and adaptation, and the future outlook.
**Study Group Leader(s)**

**Lockwood Carlson**  
Lockwood Carlson holds a PhD in Theoretical Physics, with a dissertation on Electrodynamics of Black Holes. He retired as Corporate Scientist – 3M Company and currently holds the Honeywell/Renier Chair in Technological Leadership, University of Minnesota. Dr. Carlson also engages in technology consulting and serves on corporate boards.

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**Getting Active in Local Politics**

Thu 9:00 AM - 11:00 AM start: 1/25/2018 end: 3/1/2018  
Tucson Place - Saguaro

**Course Description**

Based on the popular Summer Session, this program is a discussion group for people who follow current events and have decided to do something about it...or at least to find out more. Class members will attend local Democratic, Republican and community meetings and present reports on candidates of all parties running for Governor, US Senate, Congress, and other statewide and local offices. We'll examine races and issues that the class finds interesting. The aim is to get off the couch, learn first-hand how politics works and become an informed and active voter.

**Study Group Leader(s)**

**Larry Bodine**  
Journalist and attorney Larry Bodine enjoys being politically active and helping candidates get elected. As a Democratic precinct captain he attends many live political events and reports on them for the Blog For Arizona -- See http://blogforarizona.net/author/larry-bodine He knows many people serving in or seeking public office, but he doesn't form an opinion until he meets a candidate in person. His 44-year career includes writing for the New York Daily News, where he won 7 awards for investigative journalism while covering numerous beats for the News, which was the largest-circulation US newspaper at the time. Politics is basically marketing and sales. Bodine has operated his own marketing and sales training practice for the last 16 years, starting out as the marketing director for Sidley Austin, a global law firm with 2,000 attorneys. Much of politics turns on the law, and an attorney knows the rules of the game of local politics. Bodine is a member in good standing of the Wisconsin State Bar, on inactive status. He writes about marketing for the state bar magazine and for The National Trial Lawyers website. Previously Bodine served as editor of many legal publications, including the American Bar Association Journal, Lawyers.com, and the National Law Journal.
The Philosophy of Mathematics

Thu 9:00 AM - 11:00 AM start: 3/8/2018 end: 4/12/2018
Tucson Place - Saguaro

Course Description

What is the subject matter of mathematics? Is math invented or discovered? Questions of this sort have perplexed philosophers and mathematicians from Plato through Kant to Wittgenstein and Russell. In this course we'll discuss the above questions and examine particular cases including negative numbers, the problems posed by infinity, and the remarkable discovery that there must be truths about the integers that can not be proven. No background beyond a vague knowledge of high school math is required.

Study Group Leader(s)

Bill Sohn

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

SS: 2 Effects of Earth's Rotation: Tides, CCW Hurricane Rotation

Thu 9:00 AM - 11:00 AM start: 4/12/2018 end: 4/12/2018
Tucson Place - Ocotillo

Course Description

These are two of the most interesting and most commonly misunderstood effects caused by the Earth's rotation. Why are there two high tides each day? Why do hurricanes rotate counter-clockwise in the Northern hemisphere? We'll use laymen's level description and analysis of the underlying physics to get at the answer for each question. It should be fun.

Study Group Leader(s)

Charles Buchanan

Charles Buchanan joined OLLI-Tucson in Jan 2013. BS Reed College. PhD Stanford 1966 in experimental high energy physics. Professor at UCLA 1968-2009; dep't academic vice chair 1991-2009. His work has been at large accelerators in the world: SLAC, FermiLab, CERN, and a month in Russia in 1971. His research specialty is the
physics of electron-positron collisions. He is interested in communicating frontier modern physics in laymen’s terms and in the issues in current US education K-college.

**Advanced Spanish**

Thu 11:15 AM - 1:15 PM start: 1/25/2018 end: 4/12/2018

Tucson Place - Saguaro

**Course Description**

Work on bringing our OLLI members interested in Spanish proficiency from Intermediate Spanish to a higher level in communication, writing skills, and grammar.

**Study Group Leader(s)**

**Maria Gardeta-Healey**

With undergraduate and graduate degrees in French Philology, Phonetics and Literature, and a PhD in Spanish Drama, Maria taught French and Spanish at ASU and Mesa Community College.

**David Healey**

David Healey is a retired civil engineer and a former Peace Corps Volunteer in Ecuador and Peru (1969-71). After a year in Ecuador, he was transferred to Peru to work in reconstruction efforts following a major earthquake. Living in Peru brought him face-to-face with several pre-Columbian civilizations, not only the well-known Incas, and fueled an interest in Peru and Peruvian archaeology.

**Reading the New Yorker**

Thu 11:15 AM - 1:15 PM start: 1/25/2018 end: 4/12/2018

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 shiney 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 home is in Ithaca, New York, and she was born and raised in the rural Midwest. Interests include politics, sociology, birding, watercolor painting, and food.

SS: Music in a Cultural Context: From Hollows to Dalarna

Thu 11:15 AM - 1:15 PM start: 1/25/2018 end: 1/25/2018

Tucson Place - Ocotillo

Course Description

What do Southern Appalachian and Swedish folk music, seemingly very different traditions, have in common? Scots-Irish and African influences on one hand, old 3/4 dance forms such as polonaise and mazurka on the other—but it turns out there are some fascinating similarities. Drawn to the Southern Mountains by its irresistible rhythms and its rich storytelling, Andrea Hoag happened into the intricate, exquisite world of Swedish fiddle music and found a lifelong passion. She presents dance tunes, songs, and listening music from both cultures, describing wedding traditions, work life, and religious context. You’ll learn about herding music, crooked rhythms, and samspel (the Swedish word for playing well together) while exploring changes in both societies from the mid-1800s to the present.

Study Group Leader(s)

Andrea Hoag
A Grammy nominee, recipient of two Maryland State Arts Council Individual Artist Awards, and winner of Washington Area Music Awards "Best Traditional Folk Instrumentalist," Andrea Hoag is a performer of Swedish folk fiddling and of a broad variety of fiddle styles. Her music has been featured on NPR's "All Things Considered" and "Performance Today," at the Kennedy Center and Library of Congress, and at numerous venues around the U.S. and abroad. The first American to graduate from the Folk Violin Pedagogy program at Malungs Folkhögskola (Sweden), Andrea also studied with elder tradition-bearers Pekkos Gustaf and Nils Agenmark. She is founder and director of Freyda’s Hands, a non-profit organization devoted to collaboration in the performing arts, and member of the cross-cultural Dovetail Ensemble.
Lynda Gordon has led a variety of OLLI-UA music classes over the years.

SS: Estate Planning: Everything you Ever Wanted to Know
Thu 11:15 AM - 1:15 PM start: 2/1/2018 end: 2/1/2018
Tucson Place - Ocotillo

Course Description
What is it you need to do to have your estate plan in order? Are you current on all that you need: Wills, Trusts, Powers of Attorney, Titling of Property, Avoiding Estate Tax and Probate and Trusts for Grandchildren. Attorney Kay Richter will discuss the documents you should have in place and any changes you might need due to new law or your situation. Bring all of your questions.

Study Group Leader(s)
Kay Richter
Kay Richter is Past President of the National Academy of Elder Law Attorneys – Arizona. She chairs the State Bar Elder Law / Estate Planning Attorney lunch group with these areas being the areas of her law practice. She served on the board of Pima Council on Aging for 12 years. She has the highest rating possible by the largest evaluator or attorneys. Her sole legal focus has been estate planning since 1986.

SS: Jose Luis Gomez, Music Director Tucson Symphony Orchestra
Thu 11:15 AM - 1:15 PM start: 2/15/2018 end: 2/15/2018
Tucson Place - Ocotillo

Course Description
Music education is a high priority for Maestro Gomez. At the Rachmaninoff Rhapsody concerts, (for which OLLI-UA is being offered discounted tickets) the TSO will feature a work Gomez commissioned by a former TSO Young Composers Project student, Anthony Constantino, who may join Gomez at this presentation. The idea that inspired Anthony’s piece is the Tucson light in the afternoon, evening and at night. The piece is titled Luminosity’s Witness. The rest of the program is
Rachmaninoff: Rhapsody on a Theme of Paganini featuring 2013 Van Cliburn Gold Medalist Vadym Kholodenko, Prokofiev: Romeo and Juliet Suite and Ginastera: Dances from La Estancia.

**Study Group Leader(s)**

**Ron Cohen**
Ron is a retired pharmacist and an experienced SGL who has taught numerous OLLI-UA classes.

**Mary Bell Cohen**
Graduate University of Arizona. Worked 30 years for State Department in Washington DC.

**SS: Using Federal Statistical Data In the Public and Private Sectors**

Thu 11:15 AM - 1:15 PM start: 2/22/2018 end: 2/22/2018

Tucson Place - Ocotillo

**Course Description**

The federal government collects data on population, race/ethnicity, health, economic, education and many others. How does this system work, how accurate and timely are the data, who uses them, and what does the future hold for the "system?" The course will first review the relationship between statistical agencies and both the Executive Branch and the Congress. Then, a review of key data produced by the agencies will be discussed - including such issues as independence, accuracy, timeliness and usability, the implications for using “big data”, and will go further into specific public and private sector uses.

**Study Group Leader(s)**

**Edward Spar**
Mr. Spar has had a number of careers. As a statistician he started out writing regression and other statistical programs. He moved on to managing a sampling and statistics department in a market research firm. Working for someone else was not his thing and built his own demographic research company, producing population and socio-economic estimate for counties and cities. After 21 years, he knew it was time to move on, and went to Washington to build a struggling non-profit association: The Council of Professional Associations on Federal Statistics. At the same time, he taught at the graduate level on uses of demography in the private sector. Later, he then taught at the U.S. Census Bureau to post graduate students who were looking to move up in the government world. Throughout this, he was an international consultant to statistical agencies in countries including Egypt, Ghana, Kuwait, Laos, Kyrgyzstan and others. Mr. Spar is now retired and lives all-year-around in Tucson. He has given lectures at the University, but is interested in reaching out to a wider audience.
SS: Barrio Stories Project

Thu 11:15 AM - 1:15 PM start: 2/8/2018 end: 2/8/2018
Tucson Place - Ocotillo

Course Description

Marc Pinate (Borderland Theater, Tucson) discusses the Barrio Stories Project and current work with the residents of Barrio Anita, Tucson. Barrio Stories aims to preserve the history and heritage of Tucson's historic barrios. The inaugural event in 2016 focused on the original Mexican-American enclave which was demolished in the late 1960's as part of urban renewal and the building of the Tucson Convention Center. With the aid of oral history videos, research and documentary footage, Marc will give an overview of the process that brought together a variety of stakeholders and community partners to create the first Barrio Stories event. He will end the class with an update on the current Barrio Stories project focused on Barrio Anita. Central to this project is the philosophies of civic practice, place-keeping, and community collaboration.

Study Group Leader(s)

Pam Burris
Pam Burris has led a variety of OLLI-UA literature and theater classes over the years.

Lynda Gordon
Lynda Gordon has led a variety of OLLI-UA music classes over the years.

SS: Leonard Cohen's Six Best Songs

Thu 11:15 AM - 1:15 PM start: 3/1/2018 end: 3/1/2018
Tucson Place - Ocotillo

Course Description

Leonard Cohen, musician and poet, recorded several true masterpieces among his many songs over a very long career. We will listen to his versions plus the same excellent songs performed by other artists. We'll compare their different approaches to the material, with musical analysis and guitar demonstrations.
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: Jazz & Blues in Tucson

Thu 11:15 AM - 1:15 PM start: 3/15/2018 end: 3/15/2018

Tucson Place - Ocotillo

Course Description

Kathleen and Jill will visit the places in Tucson where Jazz and the blues and other live music is offered in Tucson. They photograph the venues, introduce the most notable local musicians, and give the menus and costs, etc.

Study Group Leader(s)

Kathleen Reeve

My background is in English and Photojournalism, both about telling stories. My undergraduate and graduate work was in English literature. Then I went to graduate school in photojournalism and worked for three newspapers, including 13 years at the Chicago Sun-Times. I had my own portrait studio doing children and family portraits in black and white photojournalistic style. You can still see my webpage www.KathleenReeve.com. Like many people in OLLI, I have studied how stories are told in novels, poetry, drama, and the movies. I have no special expertise in the movies or love but have life experience in both, like most members of OLLI. I am presenting some of my favorite movies. I hope other OLLI members will continue this series with some of their favorite movies on love or other themes. (I am uncertain about this biography. I feel many people in OLLI have distinguished resumes in their field. I'm presenting these movies not as a film expert for as some good movies that I have enjoyed. Others could easy select a dozen good different movies, and I hope some will. I don't have a co-leader but would like to find one, or at least a back up.

SS: Why Competition in the Political Industry is Failing America

Thu 11:15 AM - 1:15 PM start: 3/22/2018 end: 3/22/2018

Tucson Place - Ocotillo

Course Description

This single session will view a one hour webinar hosted by the Harvard Business School for its alumni, presenting the conclusions of non-partisan research on why the current political system is failing America and what, within the sphere of
practicality, can be done about it. We will spend the second hour discussing what we have heard in the webinar; whether the analysis rings true; whether the recommendations would influence a positive change; and if so, what we can do as individuals to influence the adoption of those recommendations.

**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 include conducting numerous workshops on rational process capability, organization change management and leadership.

**SS: Bhutan: In Search of Gross National Happiness**

**Course Description**

Ever since the 1970s, when Bhutan’s former king, Jigme Singye Wangchuck, coined the term Gross National Happiness (GNH), economists, sociologists, philosophers and politicians have questioned whether relying solely on economic output (Gross Domestic Product or GDP) is a viable measure of the general contentment and wellbeing of a people. This session will introduce the tiny country of Bhutan, based on the presenter’s trip to that country in summer 2016, and will explore the concept of GNH as conceptualized by that nation and by the global community.

**Study Group Leader(s)**

**Renate Schulz**

Renate Schulz is Professor Emerita at the University of Arizona. Her passions include the study of foreign cultures, foreign languages and travels off the beaten path.
SS: How To Run a Marathon

Thu 11:15 AM - 1:15 PM start: 3/8/2018 end: 3/8/2018
Tucson Place - Ocotillo

Course Description
Building a base, footwear, nutrition and carbo loading, motivation, upper body strength, preparing a plan, speed training, tapering, how to run a race.

Study Group Leader(s)
Jamie McMillin

SS: Integrative Touch for Kids: A Tucson Resource For Severly Ill Kids

Thu 11:15 AM - 1:15 PM start: 4/12/2018 end: 4/12/2018
Tucson Place - Ocotillo

Course Description
Integrative Touch for Kids (ITK) (www.integrativetouc.org) is a local non-profit health resource in Tucson. It minimizes suffering of children with severe medical conditions (cancer, autism, cerebral palsy, genetic conditions, etc.) as well as supporting their families. ITK reaches 3500 people each year, free of charge, in hospitals and community settings. It provides over 100 therapies such as massage; sound healing; equine, play and music therapies; and other integrative therapies that reduce kids’ and family members’ anxiety and fear, make medical procedures easier for ill children and their families, and improve the quality of life for families and kids as they deal with the stresses of severe illness. ITK has been supported enthusiastically by the attending physicians. This study group, organized by Charles Buchanan and Carole Edelsky, will introduce OLLI participants to ITK’s work through a short video and presentation, followed by a Q/A session. OLLI participants will also have the opportunity to directly experience a small sample of ITK’s healing therapies.
Study Group Leader(s)

Charles Buchanan

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

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 and researching in the areas of classroom language and literacy education. She published numerous books and articles with a focus on language and social justice. She received major awards including the prestigious Outstanding Educator in the English Language Arts Award in 2000 from the National Council of Teachers of English.

SS: Rogue Theatre Season Wrap


Tucson Place - Ocotillo

Course Description

Followup to Following the Rogue Theatre 4 class from the Fall of 2017. A discussion of the plays of the season after the performances of 4 of the 5 productions.

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 of both The Rogue Theatre and Bloodhut Productions, a touring company performing original monologues and comedy improvisation. For The Rogue Theatre, Cynthia has recently directed The White Snake, Tales of the Jazz Age, Miss Julie, Rosencrantz and Guildenstern Are Dead, Hamlet, and Waiting for Godot. She directed The Seagull (featuring Ken Ruta) for Tucson Art Theatre. For Chamber Music Plus Southwest, she directed Talia Shire in Sister Mendelssohn and Edward Herrmann in Beloved Brahms. Cynthia has also performed in a number of Rogue productions, most recently as Lady Macbeth in Macbeth. She has also performed in Cat on a Hot Tin Roof(Arizona Repertory Theatre), A Streetcar Named Desire (Arizona Theatre Company), Blithe Spirit, A Midsummer Night’s Dream, and Of Thee I Sing (Michigan Repertory Theatre), Romeo & Juliet and Chicago Milagro (Borderlands Theatre), Top Girls (Damesrocket Theatre), and A Maid’s Tragedy (directed by Domini Blythe of the Royal Shakespeare Company). In 2000, Cynthia was awarded the Tucson YWCA Woman on the Move Award.
Tech Talks with Nemo

Thu 1:30 PM - 3:30 PM start: 2/1/2018 end: 2/15/2018
Tucson Place - Saguaro

Course Description

Round table hands-on open discussion plus Q & A on everything iPhone, iPad, digital photography, music, and Macintosh. Bring your questions, charging cables, paper and pen, plus sense of humor and cooperation with your fellow tech talk learners.

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.

Case Studies in American Democracy

Thu 1:30 PM - 3:30 PM start: 3/1/2018 end: 4/12/2018
Tucson Place - Saguaro

Course Description

This course is a repeat of the course offered in the Fall semester. We had 22 people on the wait list in the fall who did not have the opportunity to participate. 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.

**Current Headline-making Issues in Education**

Thu 1:30 PM - 3:30 PM start: 3/22/2018 end: 4/12/2018

Tucson Place - Ocotillo

**Course Description**

The study group, coordinated by Carole Edelsky and Charles Buchanan, will focus on four issues in K-20 education that have made headlines in Tucson and around the US in the past year. These are segregated schools, Koch-brothers funding of a Philosophy Center at the UA, testing, and charters and vouchers. The intent of the study group is to deepen participants’ understandings of these topics and to complicate all of ourl opinions. Each session will begin with a 50 minutes presentation by an invited speaker with special expertise on that topic. After a break, the audience will take part in a 45 minute question and answer period. Each session will end with a wrap up by the invited speaker.

**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 published numerous books and articles on language learning from a sociolinguistic perspective, language education
for social justice, and gender and language. For the last six years, especially pertinent to the proposed study group on headline-making issues in education, she has taken part in an education book discussion group.

**Charles Buchanan**

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

**Oedipus Plays of Sophocles, Section II**

Thu 1:30 PM - 3:30 PM start: 1/25/2018 end: 3/1/2018

Tucson Place - Palo Verde

**Course Description**

In this 6-week course we will read Sophocles's Theban cycle: Oedipus the King, Oedipus at Colonus, and Antigone. These ancient Greek dramas of extreme beauty explore the deep pathos of the human condition and the unending potential for happiness in the human spirit. The text will be The Oedipus Plays of Sophocles translated by PAUL ROCHE. The ISBN for the most recent edition of this translation is 978-0-452-01167-0 although older editions will suffice as long as they are translated by PAUL ROCHE.

**Study Group Leader(s)**

**Suzanne Peters**

Sue Peters is an experienced study group leader.

**Film Discussion Group**

Thu 1:30 PM - 3:30 PM start: 1/25/2018 end: 4/5/2018

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.
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.

The Age of Innocence-Wharton, Section II

Thu 1:30 PM - 3:30 PM start: 3/8/2018 end: 4/12/2018
Tucson Place - Palo Verde

Course Description

In this 6-week course we will read Edith Wharton's classic novel The Age of Innocence which was awarded a Pulitzer Prize in 1920. The novel deals with changes in American society toward the end of the nineteenth century which we view through Wharton’s vibrant portrayal of characters such as Newland Archer, the Countess Olenska and May Welland. I will be using the Penguin Classics Edition although other editions will suffice. The Age of Innocence by Edith Wharton, Penguin Classics ISBN 978-0-14-018970-4.

Study Group Leader(s)

Suzanne Peters
Sue Peters is an experienced study group leader.

Great Decisions 2018

Thu 1:30 PM - 3:30 PM start: 1/25/2018 end: 3/15/2018
Tucson Place - Ocotillo

Course Description

Study Group Leader(s)

Susan Ward

After Peace Corps service and a graduate degree in Comparative Politics and International Relations, Sue worked with the local and national United Nations Association for 25 years and has conducted Great Decisions discussion groups for 35 years. She has led groups on occasion since 1987 with multiple trips to Southeast Asia and China. She serves as a human Rights election Observer with the Organization for Security and Cooperation in Europe, which has taken her to Bosnia, Kosovo, Armenia, Ukraine, Kazakhstan, Belarus, Azerbaijan, Kyrgyzstan and the Republican of Georgia.

Discover Downtown 3.0

Thu 3:40 PM - 4:40 PM start: 1/25/2018 end: 3/8/2018

Tucson Place - Ocotillo

Course Description

We’re repeating our tour-based Discover Downtown, exploring the history, architecture, art, music, courts, theater and transportation of the newly-revived Congress Street area. We’ll begin with an important Orientation class on Jan. 25th at 3:40 PM in the Ocotillo room (note the time!), reviewing downtown history and class procedures. On subsequent weeks we’ll meet downtown on Thursdays at 9:30 a.m. sharp for each 2-hour tour, followed by an optional lunch at a nearby downtown restaurant. Expect a couple hours of walking, some stairs, and small fees for parking and guides. This class will be capped at 18 members, and we’re asking those who have participated in the past not to re-enroll. Discover Downtown walk-ins: If you have some free time, OLLI members are welcome to sit in on the first part of the Orientation Class for Discover Downtown 3.0, on Thursday, Jan. 25th in the Ocotillo Room at 3:40 PM (note the time!). Join the Orientation Class for Susan Green’s presentation on Downtown History, Its Architects and Architecture (approximately 45 minutes). Following Susan’s talk, class members (only) will be given specific information related to the upcoming tours.

***NOTE: The first class is on Jan 25 @ 3:40, subsequent classes will be Thursdays, 9:30 AM sharp to 11:30 AM.***

Study Group Leader(s)

Yvonne Morris

Yvonne is a retired psychologist and has lived in Tucson for 38 years.
Friday

Beginning Intermediate Spanish (con't)
Fri 9:00 AM - 11:00 AM start: 1/26/2018 end: 4/13/2018
Tucson Place - Palo Verde

Course Description
This is the continuation of the Intermediate Beginning Class from Fall 2017. 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 and past tenses in Spanish and be willing to laugh at yours and your leader's mistakes. You should have an intermediate knowledge of Spanish.

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.

SS: Leonard Cohen's Six Best Songs, Section II
Fri 9:00 AM - 11:00 AM start: 3/9/2018 end: 3/9/2018
Tucson Place - Ocotillo

Course Description
Leonard Cohen, musician and poet, recorded several true masterpieces among his many songs over a very long career. We will listen to his versions plus the same excellent songs performed by other artists. We'll compare their different approaches to the material, with musical analysis and guitar demonstrations.
**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.

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**Michelangelo and Moore**

Fri 9:00 AM - 11:00 AM start: 3/23/2018 end: 4/13/2018

Tucson Place - Saguaro

**Course Description**

The names Michelangelo and, to a lesser extent, Henry Moore are well-known to art lovers, but the reasons why their sculpture is regarded as great may not be so clear. This course will present some biographical information, but it will not be a typical course in art history. Instead, its emphasis will be on the understanding of sculpture. Using lecture and discussion, videos and slides, its goals are to enhance OLLI members' appreciation of and enjoyment of sculpture and to show why these two artists became famous during their lifetimes and remain famous today.

**Study Group Leader(s)**

**Neil Weinstein**
Neil Weinstein has been a committed and enthusiastic sculptor for over 20 years. His work, focusing on the human figure, is modeled in clay and then fired into terracotta or cast in bronze. He has had two one-person shows in Tucson and has contributed work to several group exhibits. Neil is director of outreach for the Tucson JCC Sculpture Garden and will lead a tour of the garden as an OLLI course in the fall of 2017. Prior to moving to Tucson, he was Professor of Human Ecology and Psychology at Rutgers University where he taught both undergraduate and graduate classes.

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**SS: Rock'n' Roll: from Infancy to Adolescence**

Fri 9:00 AM - 11:00 AM start: 4/6/2018 end: 4/6/2018

Tucson Place - Saguaro

**Course Description**

This two-hour presentation examines the roots of Rock 'n' Roll, its birth in the early 1950's, and its growth and evolution through the 1950s and 1960s. Along the way, we'll explore important artists, pivotal recordings and developmental milestones: Elvis Presley, Chuck Berry, "The Day the Music Died", the "Between Years", American Bandstand, the "surfer craze" (including the Beach Boys), The Beatles
and The British Invasion, Motown and mid-'60s Black Popular Music, the Age of Psychedelics, and Rock's Maturity, Diversification and Hubris. This pivotal phase in American Popular Music culminates in the release of Don McLean's historic tribute to the first 18 years of Rock 'n' Roll, "American Pie".

**Study Group Leader(s)**

**Dan Kruse**

Dan Kruse is an ethnomusicologist, filmmaker, musical researcher, writer, teacher and lecturer...and a December 2012 graduate from the University of Arizona Fred Fox School of Music with a Master’s in Ethnomusicology. He is an adjunct faculty member at the School of Music, where he teaches courses in the History of Rock and Popular Music, and in World Music. Dan’s Master’s Thesis, a 33-minute documentary film, “ZOOM!”, examined a tiny, independent record label of late 1950s Tucson, and was named “Best of Arizona” at the 2013 Arizona International Film Festival. In 2014-15, Dan led a widely publicized one-year, interdisciplinary research effort examining “ear worms”, funded by the UA’s Confluencenter for Creative Inquiry. He's a popular lecturer on a variety of musical topics in the Tucson area, and he has spoken at regional and national musicological and communications conferences. In the fall of 2017, he facilitated a special writing course, “Music as Source” at the renowned University of Arizona Poetry Center, where he has also participated in public readings of his poetry and short essays. For six years, Dan served as the local host of NPR's “All Things Considered” on the UA’s NPR-affiliate KUAZ-FM, 89.1...and he still appears on-air now and then, as a substitute host for vacationing NPR-89.1 staff. He also produces short, music-related documentary works for AZPM's "Arizona Illustrated" and "Arizona Spotlight". Dan’s web site is: www.dankruse.net.

**Beginning Spanish (con't)**

Fri 11:15 AM - 1:15 PM start: 1/26/2018 end: 4/13/2018

Tucson Place - Palo Verde

**Course Description**

This is the continuation of Beginning Spanish from the Fall. You must be familiar with some Spanish and be motivated to get up to speed with other class members. 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 continuing 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.

**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.
The Man Without Qualities Vol.1 by Robert Musil

Fri 11:15 AM - 1:15 PM start: 1/26/2018 end: 4/13/2018
Tucson Place - Saguaro

Course Description

Set in Vienna in 1913 Musil’s novel follows the life of spiritually adrift Ulrich during the last peaceful year of the crumbling, decadent Hapsburg Empire. Ulrich is taking a “year off from life” in order to “find himself.” During this endeavor he encounters the whole range of political, psychological and social issues of the time (and of today). There is something to think (and often laugh) about on almost every page of one of the great “novels of ideas” of the 20th century. The novel is unfinished; we will read vol. 1. An additional fee of $9.00 per student is required.

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.

SS: The Sorites Paradox and Newcomb’s Problem: Two Paradoxes with Deep and Disturbing Philosophical Morals

Fri 11:15 AM - 1:15 PM start: 1/26/2018 end: 1/26/2018
Tucson Place - Ocotillo

Course Description

Most human concepts are vague, and virtually any vague concept is susceptible to the ancient and infamous sorites paradox. (“Sorites” is the Greek word for heap.) For example: (1) A pile of 2 million sand-grains is a heap; (2) If a pile of n sand-grains is a heap, then so is a pile of n-1 sand-grains; therefore, (3) A pile of 7 sand-grains is a heap. Newcomb’s problem, a thought-experimental scenario invented in the early 1960’s by the theoretical physicist William Newcomb, is a puzzle about practical rationality that has had a major impact in philosophy and in the interdisciplinary field of decision theory. I will explain these two paradoxes, some principal approaches (including mine) that have been taken to each of them,
and the deep and troubling philosophical morals that I maintain the paradoxes force upon us.

**Study Group Leader(s)**

**Terry Horgan**  
Professor of Philosophy, University of Arizona. Married to OLLI member Dianne Horgan, retired Associate Dean of the Graduate College, University of Arizona.

**SS: Literacy and Justice for All: Literacy Connects**  
**Introduction**

Fri 11:15 AM - 1:15 PM start: 2/16/2018 end: 2/16/2018  
Tucson Place - Ocotillo  
**Course Description**

Literacy and Justice for All! Working with the Tucson community from pre-school age to GED students in their 60’s, Literacy Connects provides a vital service to residents of Tucson. This presentation will be an introduction to the services that Literacy Connects provides to the Tucson community. Opportunities for further involvement with Literacy Connects will be explored. This presentation will include speakers from Literacy Connects.

**Study Group Leader(s)**

**Jamie Hilton**  
Jamie Hilton has enjoyed her association with OLLI as a student and would like to share with the OLLI community the deep satisfaction she has enjoyed working as a volunteer with Literacy Connects, a 501(c)3 organization.

**SS: Investing During Retirement**

Fri 11:15 AM - 1:15 PM start: 2/2/2018 end: 2/2/2018  
Tucson Place - Ocotillo  
**Course Description**

Whether you are preparing to do your own stock market investing or want to make sure your financial advisor is giving you good advice, this class is designed to help you answer common questions of neophytes. You will learn what to look for in a
good stock, bond or mutual fund. Class topics include: asset allocation, detecting expenses on mutual funds, mutual funds vs private portfolio management, commission broker vs fee based financial advisor, and finding long-term stock investments. Learn to recognize and develop a good investment allocation in your portfolio.

**Study Group Leader(s)**

**James Wigen**

In May 2005, James founded Wigen Financial Services, LLC, a Registered Investment Advisory firm. His primary focus is on portfolio management and financial advisory services. James advises individuals, small to mid-size companies, and non-profit organizations. Prior to Wigen Financial, LLC, James worked as a Portfolio Manager & Financial Advisor for two international investment firms. From 2001 to 2005, James worked with Prudential Securities (now Wachovia Securities), and from 1996 to 2001, he was working with Merrill Lynch. While working with both Wachovia Securities and Merrill Lynch, James enjoyed dual responsibilities as a Financial Advisor and leader of the Professional Development Program. James’s responsibilities as leader of the Professional Development Program included, recruiting, interviewing, training, and overseeing the daily operations of all financial advisors involved in the Professional Development Program. James was responsible for managing between 10-20 advisors, while still managing his own client investment accounts. James’s Philanthropic work includes serving as President/Treasurer of a private foundation established to provide non-profit organizations financial assistance, and Chairman/President of the Believe In Your Dreams Foundation. In 2007, James established the Believe In Your Dreams Foundation to help individuals who are suffering from life-altering circumstances beyond their control. James has taught investment & real estate classes through continuing education at universities and community colleges since 1997. James attended the University of Minnesota where his focus was Management & Marketing. James currently is the host of a Radio Show called, “Teaching Your To Get Rich, Live Rich & Stay Rich”. His show can be heard on radio stations throughout the U.S. James show can also be heard on his website, JamesWigen.com.

**SS: What's Happening at the Festival of Books**

Fri 11:15 AM - 1:15 PM start: 2/9/2018 end: 2/9/2018

Tucson Place - Ocotillo

**Course Description**

Tucson Festival of Books celebrates its 10th anniversary this March 10-11. It has grown to be the 4th largest book festival in the United States. Come learn about attending authors and sessions; using the TFOB's apps for planning and mapping your experience; how Tucson and TFOB has impacted Literacy Connects and more.

**Study Group Leader(s)**

**Lindy Mullinax**

Lindy has volunteered for Tucson Festival of Books for 9 years in a variety of administrative capacities. She is currently the Co-Chair of the Volunteer Committee.

**Sharin Manion**

Sharin retired from PCC as the Department Chair for Sign Language and Interpreter Training. She has worked for the Festival of Books for the last 4 years.
SS: TEP Home Energizer Workshop

Fri 11:15 AM - 1:15 PM start: 3/16/2018 end: 3/16/2018
Tucson Place - Ocotillo

Course Description

TEP’s Home Energizer Workshop is an engaging 90 minute multimedia presentation on easy low and no cost ways residents can save money at home by reducing their electricity use. Each attendee receives a nice gift bag filled with devices that will help the typical home save over $300 per year. There is no cost for this workshop and questions are encouraged!

Study Group Leader(s)

Adam Kingery
Adam Kingery, and his staff of energy education presenters, are passionate about helping residents of Tucson save energy, money, and resources! Our presenters come from a varied background in real estate, construction, education, environmental studies, and science.

John Eisele
John Eisele brings a rich diversity of experiences to the community. As a certified "green" real estate agent, John is very active in the community in teaching home buyers and home owners in easy low and no cost ways to make their home more efficient and comfortable.

SS: There are no Hummingbirds on Mars

Fri 11:15 AM - 1:15 PM start: 3/2/2018 end: 3/2/2018
Tucson Place - Ocotillo

Course Description

This course will be a discussion of the evolution of biodiversity on Earth, centered on the evolution and adaptive radiation of hummingbirds, nectar-feeding bats, and primates in the New World tropics. General themes will be the evolutionary history of these iconic groups of vertebrates with an emphasis on general evolutionary principles, conservation concerns about these and other tropical groups, and the vast disparity between our priorities about conservation of biodiversity here on Earth and space exploration. Is it true that we're more concerned with putting people on the moon and Mars than protecting and studying life on Earth? If so, why is this?
Study Group Leader(s)

Theodore Fleming

Theodore Fleming is professor emeritus of biology at the University of Miami in Coral Gables, Florida. He recently authored, with W. John Kress, The Ornaments of Life, published by The University of Chicago Press.

SS: How CAP Manages Your Water: An Overview


Tucson Place - Ocotillo

Course Description

This session offers an overview of the Central Arizona Project, including its governance, its history, the features of the physical system, and the challenges that face our future water supply.

Study Group Leader(s)

Vicki Campo

Vicki Campo is a seasoned professional with over 17 years with Central Arizona Project's Public Affairs Department. She specializes in community outreach and has more than 25 years of experience in volunteerism, non-profit board service and community leadership. She is a graduate of Valley Leadership, Class 36 and currently serves on the Project Wet Advisory Board as well as the Board of Directors for Free Arts for Abused Children of Arizona. She is also a retired educator with over 20 years of experience in the university and community college systems.

SS: Images of After Life

Fri 11:15 AM - 1:15 PM start: 3/9/2018 end: 3/9/2018

Tucson Place - Ocotillo

Course Description

Dr. Wright will discuss the view of Heaven, or other concepts of an after life as they have evolved over time, and through different religions.

Study Group Leader(s)

Ed Wright

J. Edward Wright is Professor of Hebrew Bible and Early Judaism and has served as the Director of the Arizona Center for Judaic Studies at The University of Arizona since 2000. Wright received his Ph.D. from Brandeis University and did additional graduate study at The Hebrew University of Jerusalem and the Harvard Divinity School.
SS: Because Everybody Dies - True or False?

Fri 11:15 AM - 1:15 PM start: 4/13/2018 end: 4/13/2018

Tucson Place - Ocotillo

Course Description

Because Everybody Dies - True or False? is an interactive quiz allowing the speaker and participants to talk about and ask questions across the many topics around death, dying, cremation, burial, whole-body donation and more. Set up as a series of True/False statements, this educational talk will raise and answer questions in a safe and supportive atmosphere. On some level, most of us realize that we are going to die, but few of us have talked to our families or made any plans. This talk will provide the information and tools necessary to talk to family members and to start making preparations. Because Everybody Dies.

Study Group Leader(s)

Ruth Bennett

Ruth Bennett is the Executive Director of the Funeral Consumers Alliance of Arizona, a nonprofit providing the only objective source of information about cremation, burial, whole-body donation, pluses and minuses of pre-paying and much more. The Funeral Consumers Alliance provides information to anyone who calls, advocates and acts as a watchdog on behalf of consumers with the State Board of Funeral Directors/Embalmers, the state Legislature and local governments. The FCA-AZ has been in Arizona since 1961 and is a statewide organization.

SS: Visiting the National Mall with your children and grandchildren

Fri 11:15 AM - 1:15 PM start: 4/6/2018 end: 4/6/2018

Tucson Place - Ocotillo

Course Description

Discover how to prepare for and visit the National Mall to understand why the United States is the nation it is today. There is a sequence to visiting the memorials, museums and branches of government that allows the realities of our nation’s past, present and future to come to light.
Study Group Leader(s)

Ken Scoville

Ken Scoville is a native Arizonan with a great interest in the history of Tucson and Arizona. He is a retired public schoolteacher. He is a recognized local historian and outspoken advocate for historic preservation issues and has served on many local boards and committees. Since 1984, he has been involved with the revitalization of downtown Tucson and historic preservation issues in the community. Since that time he has also conducted walking tours of historic areas in Tucson with an emphasis on understanding why Tucson is the city it is today. In 2017, Scoville published a book entitled “Historic Places of Our Republic: A Guide to Teaching United States History for Elementary School Teachers and Parents.”

Living with Hearing Loss

Fri 1:30 PM - 3:30 PM start: 3/30/2018 end: 4/13/2018

Tucson Place - Saguaro

Course Description

The Living Well with Hearing Loss group aural rehabilitation program is a student facilitated educational support group for adults and their frequent communication partners. The goals of the program are to: 1. Facilitate communication between the hearing impaired person and their significant other; 2. Assist those with hearing impairment to understand the nature of their hearing loss (anatomy/physiology of the hearing system), 3. Assist in the development of coping strategies (listener and talker communication strategies as well as environmental strategies) 4. Inform on what devices (assistive listening technology, hearing aids, cochlear implants etc.) are available to help them. Additional fee for each student is $10.00.

Study Group Leader(s)

Fadyeh Barakat

Fadyeh Barakat completed her Bachelors in Psychology, Masters in Rehabilitation Counseling, and her Doctorate in Audiology from the University of Arizona. She has worked as a Child & Family Therapist and Rehabilitation Counselor for both non-profit and private practices. As the on-campus Educational Audiologist at the Arizona State School for the Deaf and Blind, Dr. Barakat was responsible for assessing and supporting students age 3 to 22 years and has experience working with children with varying degrees of visual impairment, hearing impairment, and with deaf-blind populations. For the last six years, Dr. Barakat has and continues to provide audiologic services to Veterans at the Southern Arizona Veteran’s Hospital. She has acted as a preceptor for audiology doctoral students in the past and is currently a clinical instructor at the University Hearing Clinic. In this role, she also leads the Living Well with Hearing Loss group aural rehabilitation program, which provides education and support for adults with hearing loss.
Pet Care from A to Z

Fri 1:30 PM - 3:30 PM start: 3/9/2018 end: 3/23/2018

Tucson Place - Saguaro

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 Cohn

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.
Discovering the Hidden Gems of Tucson’s Restaurants

Fri 1:30 PM - 3:30 PM start: 3/23/2018 end: 4/13/2018
Tucson Place - Ocotillo

Course Description

In the first session we will talk about what makes a restaurant worth visiting as well as how the inner workings of a restaurant can make or break your dining experience. Class discussion will focus on new, fresh, exotic, fun or just great dining experiences. We will concentrate on smaller restaurants that are not large chains. For subsequent weeks, we will break into groups and volunteers will go out and eat at some new and hidden gems and present a review to the class. There will be opportunities for several people to review the same restaurant for comparison and class discussion. Sorry, but the cost of eating out will not be reimbursed by OLLI.

Study Group Leader(s)

Rob Getlan

Rob Getlan was a pastry chef for 5 years in NYC many, many years ago. His restaurant experience has given him insight into the behind the scenes workings of what makes a good restaurant tick.

Lesley Bailey

Lesley Bailey has been enjoying the Tucson restaurant scene for over 20 years and is always on the lookout for something new (or old) and great. Her only relevant expertise is her fondness for good food.

Churchill at War

Fri 1:30 PM - 3:30 PM start: 1/26/2018 end: 3/2/2018
Tucson Place - Saguaro

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.

Advertising and Consumer Psychology

Fri 1:30 PM - 3:30 PM start: 1/26/2018 end: 3/2/2018

Tucson Place - Palo Verde

Course Description

This course reviews: 1) the understandings advertisers have developed of the consumer’s psychology and behavior and 2) the strategies they use based on these understandings to influence the consumer’s perceptions, knowledge, attitudes and actions towards the brands/products they sell. Attention is paid to the science/research that underpins these understandings/strategies. Central to this approach is the view that a key role of advertisers/marketers is to bridge the “gaps” that inevitably exist between the seller and the buyer. These include, as an example, the gap in experience and perspective that a 45 year-old marketer has in trying to “reach” and sell a product to either a 20 year-old or a 70 year-old.

Classes will be guided by power point presentations, with print ads and TV commercials used extensively to illustrate the points covered.

Study Group Leader(s)

Marvin Goldberg

Marvin E. Goldberg is the Emeritus Bard Professor of Marketing, Penn State and University Associate with the Eller College of Management, the University of Arizona. Dr. Goldberg held the endowed Irving & Irene Bard Professorship of Marketing in the Smeal College of Business at Penn State University from 1991-2010. While at Penn State, he also served as Interim Dean in 1999-2000 and Chairman of the Marketing Department from 2000 to 2006. From 1971-1991 Dr. Goldberg was a professor in the Faculty of Management, McGill University. Dr. Goldberg holds a Ph.D. in Marketing from the University of Illinois, an M.A. in Sociology from Columbia University and a B.A. from McGill University. Dr. Goldberg is a past president of the Society for Consumer Psychology and co-founder of the Innovations in Social Marketing (ISM) organization. He is a Fellow of the Society for Consumer Psychology (SCP). Dr. Goldberg served for several decades on the editorial boards of the Journal of Consumer Research; the Journal of Public Policy & Marketing, the Social Marketing Quarterly and the Journal of Social Marketing. He has served on: a) the Institute of Medicine’s (IOM) Committee for the Implementation of the IOM Pregnancy Weight Guidelines; b) The Food Marketing Research Advisory Board of the Robert Wood Johnson Foundation. He served as a consultant to the National Center for Health Marketing of the Centers for Disease Control and Prevention (CDC) from 2006-2008. Dr. Goldberg continues his consulting work as an expert witness in pharmaceutical, tobacco and commercial transaction-related litigation. He currently volunteers the “Tucson Committee on Foreign Relations,” where he serves as a board member. He coaches elementary students who are below grade level in reading proficiency through the “Reading Seed/ Literacy Connects” organization.
The Englishman’s Boy - A Historical Novel Set Between 1873 in the West, and 1923 in Hollywood.

Fri 1:30 PM - 3:30 PM start: 3/9/2018 end: 4/13/2018
Tucson Place - Palo Verde

Course Description

Evocative of time and place, the silent-era of 1920's Hollywood and the Canadian West of 1873, a young Canadian screen writer is assigned to obtain an "authentic" account of the Old West by a megalomaniac studio boss who wishes to produce an American Epic based on factual history. The real history at the core of the novel is linked to an historical account of the Cypress Hills Massacre in Canada West of the 19th century western frontier, a murderous confrontation between the Assiniboine and a dozen Canadian and American wolfers coming north from Montana. This event is purported to have influenced the hurried formation of the North-West Mounted Police. The novel explores the cOLLIsion between survivors of history and the myths of 20th century mass entertainment. Additional cost per student is $14.00.

Study Group Leader(s)

Catherine Davin

A long-time SAGE/OLLI member, Cathy has led many Study Group Classes with a primary focus on novels of the 20th Century, a number though not all, by Canadian authors; a few others have been Poetry, Antarctica, Transitions, An Introduction to JAZZ. She expects class members to read the assigned text, contribute to the discussion and for those who wish to prepare a presentation on a relevant topic (such as a biography of the author, the author’s use of descriptions, language, character development etc.), she will provide suggested subjects and support documents if needed.

Astronomy with Geosciences, Part 2

Fri 1:30 PM - 3:30 PM start: 1/26/2018 end: 3/16/2018
Tucson Place - Ocotillo

Course Description

Our exploration of the Earth, the Solar System, and the Universe beyond continues. We will finish up our detailed survey of the Solar System visiting Pluto and the Kuiper Belt, and then we will begin an in-depth exploration into interstellar space.
and our Milky Way Galaxy. - 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 an earlier astronomy/geosciences class that John McCauley and I have hosted 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 University. John's formal education is in Electrical Engineering and Computer Science. Since retirement, John has been active in developing science courses at OLLI-UA.