Monday

Literature: Read The New Yorker With Us

Mon 8:30 AM - 10:30 AM  start: 9/24/2018  end: 11/12/2018
BMO/Harris Bank - Meeting Room

Course Description

The New Yorker magazine includes something for everyone--commentary, reportage, profiles, criticism, essays, fiction, cartoons, and poetry. Class members will divide the current issue of the magazine and share a report with the class on a particular article. In addition, the entire class will read and discuss one of the articles. We may occasionally take a look at something from the rich history of the magazine. This popular class has been offered continuously since Spring 2011. A subscription to the magazine is required. The class meets for two hours. There will be a class on Monday November 12th, Veterans Day.

Study Group Leader(s)

Don Kamin

Don Kamin has been reading "The New Yorker" since the early 1960's, and has been the co-leader of this course for several years.

Science/Math: Pass-along Plants

Mon 9:00 AM - 10:30 AM  start: 9/24/2018  end: 10/8/2018
Community Learning Center - Green Valley – Room 205

Course Description

The first session of this class will be mainly an overview of botany and an introduction to the various methods of plant propagation. During this session we will also discuss: Tools needed: (students have them or can borrow them from the instructor.) Materials needed: (small pots of student’s choice and plant materials for students to bring whether purchased or pruned) and potting soil necessary to start cuttings. Instructor will have both a succulent mix and an herbaceous/shrub mix available for purchase in quantities adequate for classes two and three. Rooting hormone will be provided by instructor for the class. The second session will contain a short lecture, but most of the time will be spent on demonstration and hands-on propagation of succulents and house plants for students to “pass along” to friends and family. The final session will be a chance for students to bring in and trade plant cuttings of herbaceous plants and shrubs. Discussion on where to go from this
brief introductory class will be held so students can continue to enjoy “making plants.” There will be take-home hand-outs with instructions on propagating methods and references for future study. Cost will be about $1-2 per gallon baggie.

**Study Group Leader(s)**

**Joyce Gay**

While I spent my working years as a Health Services Administrator and a Human Resources Manager, my lifelong passion has been gardening. I specialize in plant propagation and have my Master Gardener’s specialist certificate from Texas A&M. My other passions in gardening are native plants for desert Xeriscaping and fruit production, both tree and soft fruits. I have become a certified Master Gardener in Cochise County (2002), Smith County, Texas (2006) and Hawaii County (2009). I have taught gardening and propagation classes in Texas, Hawaii and Arizona to both general public and Master Gardeners – and loved it. Once retired, my husband and I worked for Jackson & Perkins in Oregon and I was an American Rose Society plant trial judge in Tyler, Texas. We worked for the Overton, Texas field station in plant propagation and field trialing as a Master Gardener.

**Science/Math: The Ocean from Space**

Mon 9:00 AM - 10:30 AM  start: 10/8/2018  end: 11/12/2018

Community Learning Center - Green Valley – Room 203

**Course Description**

The ocean influences all life on Earth. Half the oxygen we breathe comes from microscopic plants in the ocean. Weather on seasonal, annual and decadal scales responds to oscillations in the ocean. Floods, droughts, hurricanes and tornadoes are all tied to ocean processes. With the advent of space-based observations we can monitor the ocean on a nearly continuous global scale. Biological activity, heat transport by currents and ocean oscillations such as El Nino / La Nina can all be measured from space. This study group will use space-based observations to illustrate ocean processes. Emphasis will be on how the ocean drives short- and long-term weather patterns. Videos and slides are used to present the information. No prior knowledge is needed. There will be a class on Monday November 12th, Veterans Day.

**Study Group Leader(s)**

**Bob Barry**

Bob has had three “careers.” He was a traditional Navy Line officer for 8 years serving on two Destroyers and River Patrol Boats. After receiving an M.S in Oceanography, he became a Navy Oceanography specialist for 16 years. His primary focus was on how to use the complexity of the ocean to improve Anti-Submarine Warfare efforts. After the Navy, he was a program manager at Ball Aerospace and worked on several environmental satellite programs.
Health/Self Help: How to Make Your Own Yogurt (With No Special Equipment)!

Mon 11:00 AM - 12:30 PM  start: 9/24/2018  end: 9/24/2018
Community Learning Center - Green Valley - 205

Course Description

Save money, eat better, and amaze your friends by learning to make your own yogurt! We will discuss the history and science of yogurt making as well as learning about some of the challenges. We will taste different kinds of yogurt--no fat, low fat--and I will make a batch of yogurt to show you how it is done. We will learn how to develop the recipe that's just right for you, with no strange and unpronounceable additives. $1.00 will be collected to defray costs of yogurts made to share and for plastic spoons, cups, etc.

Study Group Leader(s)

Sharon O'Connor
I was born and raised in Michigan, and earned a BA degree at Grand Valley State University. I spent my working life as a copy/technical writer. I am a voracious reader and love to cook, and I volunteer at the White Elephant on Fridays. My husband and I have lived in Arizona for over 20 years, and in Green Valley for 5 years. Eric is a retired builder, and he is in the process of building our "last" home in Madera Reserve.

Roselie Bambrey
Roselie Bambrey has undergraduate and graduate degrees from the University of Denver, where she studied English, statistics, psychology, and educational program development. Roselie held a series of administrative positions at the University of Denver (CO), St. Lawrence University (NY), and Wabash College (IN). She concluded her 40-year career as the director of the Crawfordsville, Indiana, campus of Ivy Tech Community College and director of the program to prepare high risk students for college admission. She has taught literature, writing, and history classes. She has served on the boards of Historic Denver, Inc. (CO), the St. Lawrence County (NY) Historical Association, and the Art League of the Art Museum of Greater Lafayette (IN). Currently, she serves as the Chair of the Curriculum Committee for OLLI-UA-Green Valley.

Health/Self Help: Pick Your Poison: The Basics of Poisoning Prevention

Mon 11:00 AM - 12:30 PM  start: 9/24/2018  end: 10/15/2018
Community Learning Center - Green Valley – Room 203

Course Description

As the grandfather of toxicology, Paracelsus, once stated, “All things are poison and nothing is without poison; only the dose makes a thing not a poison.” It’s a poisonous world and the Arizona Poison and Drug Information Center is here to help arm you with the tools needed to prevent poisonings. This course is intended
for participants who want to learn more about their local poison control center and explore the basics of poisoning prevention. The course will cover the following topics over 4 sessions:

SESSION 1: Poison Control 101. In this session, participants will learn the history of the Arizona Poison and Drug Information Center and its role as a vital public health service. Participants will learn the scope and severity of the poisoning problem in the United States and the people most affected.

SESSION 2: Be Poison Smart. In this session, participants will identify common poisons, basic practices of poison prevention in the home, and information about some of the new “trends” in poisoning, such as synthetic cannabinoids. Participants will also learn first aid for common exposures, poisoning treatment myths, and discuss the difference between 911 and the PoisonHelp hotline.

SESSION 3: Pharmacy Chat. In this session, participants will learn specific and easy measures to take for medication safety, including how to talk to your pharmacist (with key questions to ask), how to avoid drug-drug interactions and adverse drug events, safe storage practices, and how to properly dispose of unwanted or unneeded medications.

SESSION 4: Desert Dangers. In this session, participants will identify the venomous creatures of the Arizona desert, from rattlesnakes to Gila monsters. Participants will learn animal behavior, bite and sting prevention, and first aid in case of envenomation. There will be an “up close and personal” look at a couple of our native creatures, including a live bark scorpion and Colorado River toad. No prior knowledge is necessary to participate. The instructor will use slides as visual aids for delivering information.

**Study Group Leader(s)**

**Laura Morehouse**

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

Mon 11:00 AM - 12:30 PM  start: 10/22/2018  end: 11/12/2018
Community Learning Center - Green Valley – Room 203

Course Description

Let's make the financial world understandable. No textbook is required. We will discuss some of the best explanations to decipher the world of money. Planet Money and Marketplace podcasts will be used. No personal money issues nor any personal investment strategies will be discussed. Subscribe to a Washington Post email newsletter. Go to www.washingtonpost.com; at the top left go to Sections, scroll down to Newsletters and Alerts and look for the 202s, The Finance 202, Your Economic Policy Briefing. You don’t need to be a Washington Post subscriber to receive this newsletter; it’s free! There will be a class on Monday November 12th, Veterans Day.

Study Group Leader(s)

Rick Ernst

Rick is a retired Financial Advisor who helped clients retire comfortably. He has led many OLLI classes including Investing 101 & 102, The Battle for the Soul of Capitalism, Last Call: the Rise and Fall of Prohibition, Smuggler Nation, How Illicit Trade made America, and UnSpun, Finding Facts in a World of Disinformation.

Social Sciences: What's in a Surname?

Mon 1:30 PM - 3:00 PM  start: 9/24/2018  end: 10/1/2018
Silver Springs

Course Description

How did your family or married name come about? What does it indicate about your family origins? What does it convey to others about you? Using genealogical and linguistic sources, we can arrive at various answers to such questions. In this course, we will examine genealogical and linguistic sources via a lecture/discussion Power Point format. Of special interest, especially in the second of our two classes, will be stories concerning your family name that you are willing to share with others. Such stories can come from genealogical research or simply from what you were told about your family name, its origins and the changes that have occurred in its pronunciation and spelling over time. In those cases where such changes occurred, we will discuss the reasons underlying these changes.
Study Group Leader(s)

**Vincent Remillard**

Born, raised and educated in a 'Little Canada' community of Western Massachusetts, Dr. Remillard spoke only French until he began school. While completing his language requirement as an undergraduate major in Political Science at the University of Massachusetts, Amherst, he developed a passion for French writers and an absorbing interest in Linguistics. Dr. Remillard then went on to major in French, to complete an MAT in French language and culture at Assumption College and a Ph.D in French literature at Penn State. Dr. Remillard taught Linguistics and all levels of French for 40 years at Saint Francis University, Pennsylvania, where he retired as Professor emeritus.

Health/Self Help: Healthy Habits for Your Brain & Body

Mon 1:30 PM - 3:00 PM  start: 9/24/2018  end: 9/24/2018  
Community Learning Center - Green Valley – Room 205

**Course Description**

For Centuries, we've known that the health of the brain and body are connected. But now, science is able to provide insights into how to optimize our physical and cognitive health as we age. Join us to learn about research in the areas of diet, nutrition, exercise, cognitive activity and social engagement and the use of hands on tools to help you incorporate these recommendations into a plan for healthy aging.

**Study Group Leader(s)**

**Lisa Brazil**

With an M.A. in Psychology Lisa has served as Community Resource Manager with Alzheimer's Association. Previously she lived and worked in the DC area, as Executive Director of a transitional Homeless Program as well as Director of Program Services, serving the long-term mentally ill.

History: Post-War Europe 1945-1969

Mon 1:30 PM - 3:00 PM  start: 9/24/2018  end: 11/12/2018

Community Learning Center - Green Valley – Room 203

**Course Description**

Look at the changes wrought by WWII, the development of the Cold War, the rise of European integration, and the acceleration of decolonization.

**Study Group Leader(s)**

**Stephen Stillwell, jr.**

Stephen J. Stillwell, jr. is an historian and a librarian with degrees from the American University, Simmons College, Harvard University, and the University of North Texas. He has lived, studied, and worked around the United States, the United Kingdom, and the Middle East. He worked as a librarian and/or a faculty member at Harvard, Texas Christian, UNT, Texas (Arlington), and Arizona. Now retired, he enjoys teaching (particularly British) history. His
favourite past-time is reading British mysteries. Dr. Stillwell has had the unusual experience of being a swineherd on a free-range, organic pig farm in mid-Wales.

**Art/Culture: Opera 101 for Non-Believers**

Mon 1:30 PM - 4:30 PM  start: 9/24/2018  end: 10/8/2018

Community Learning Center - Green Valley – Room 210

**Course Description**

Does the very word "opera" scare you? Who are those people screeching in some foreign language for hours on end? Let me try to open you to the possibility that "operas" are many things - giddy farces, sober reflections on life, love, and the human condition, all the while with (mostly) glorious singing on a level that will amaze you. And now that there are subtitles, every word in German, Russian, Italian, etc. is translated for you, and you'll hear the singers declare their undying love, or hate, or revenge or - sometimes - war on each other. We'll hear examples of Women's voices, then Men's voices, and graduate with an entire opera. And you'll get a Glossary of opera terms. So sit back and let your right brain take you to places of which you have only dreamed. You don't have to love opera as I do, but at least you'll no longer be afraid of it.

**Study Group Leader(s)**

Maureen Brooks

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

**Literature: Some Agatha Short Stories**

Mon 3:30 PM - 5:00 PM  start: 9/24/2018  end: 11/12/2018

Community Learning Center - Green Valley – Room 203

**Course Description**

We will read and discuss 4 collections of Agatha Christie's short stories: "Partners in Crimes," "The Mysterious Mr. Quin," "Parker Pyne Investigates," "The Labors of Hercules." Each collection will cover two weeks. There will be a class on Monday November 12th, Veterans Day.
Study Group Leader(s)

Stephen Stillwell, Jr.

Stephen J. Stillwell, jr. is an historian and a librarian with degrees from the American University, Simmons College, Harvard University, and the University of North Texas. He has lived, studied, and worked around the United States, the United Kingdom, and the Middle East. He worked as a librarian and/or a faculty member at Harvard, Texas Christian, UNT, Texas (Arlington), and Arizona. Now retired, he enjoys teaching (particularly British) history. His favourite past-time is reading British mysteries. Dr. Stillwell has had the unusual experience of being a swineherd on free-range, organic pig farm in mid-Wales.

Science/Math: Geology of Arizona

Mon 3:30 PM - 5:00 PM  start: 10/15/2018  end: 10/29/2018
Community Learning Center - Green Valley – Room 205

Course Description

Did you know that in Arizona we have geological features ranging from mountains to deserts and from glacial features to active volcanoes? Please join me for three sessions taking a detailed look at the geology of Arizona. We’ll focus on three sites, one per session, including: 1) the Santa Rita Mountains and Pima County; 2) the Grand Canyon; and, 3) the San Francisco Volcanic Field near Flagstaff. We’ll discuss rock types, tectonic processes and the development of surface landforms. No prior knowledge of geology is needed as we’ll cover introductory information about each site as well as more detailed geological history.

Study Group Leader(s)

Nicola Richmond

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

Mon 3:30 PM - 5:00 PM  start: 11/5/2018  end: 11/5/2018
Community Learning Center - Green Valley - Room 205

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, Living Wills, 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 of attorneys. Her sole legal focus has been estate planning since 1986.

Science/Math: An Introduction to Electric Cars

Mon 3:30 PM - 5:00 PM  start: 11/12/2018  end: 11/12/2018
Community Learning Center - Green Valley - 205

Course Description

Participants will get insight into the surprisingly long history of electric cars, a brief technical background on how they work, and where electric-powered cars are headed in the near future. While only 1% of all cars currently sold in the US are electric-powered, these vehicles are on the cusp of becoming the dominant automotive technology in the coming decade. Advances in batteries are making it possible. Concerns about man-made climate change are making it a priority. Learn how easy--and affordable--it is to make your next car one that you can plug in, instead of filling up. There will be a class on Monday November 12th, Veterans Day.

Study Group Leader(s)

Benjamin Nead

I'm the mid-day radio announcer at KUAZ, the NPR-affiliated station operated by Arizona Public Media at the UA Tucson campus, where I've been employed since 1988. Independent of my broadcasting career, I've been observing trends in electric car technology peripherally for most of my adult life and in a focused fashion since around 2006. I helped organize Tucson elements of National Plug In Day (NPID) and National Drive Electric Week activities beginning in 2011, as well as being associated with the Tucson Electric Vehicle Association since 2012. I
am currently the club's secretary and membership director. Since the fall of 2015, I've been driving an electric car exclusively for my daily transportation needs.

Tuesday

Health/Self Help: Mindful Meditation for Brain Health

Tue 9:00 AM - 10:30 AM  start: 9/25/2018  end: 10/30/2018
Community Learning Center - Green Valley – Room 205

Course Description

Both mindfulness and meditation are beneficial to brain health and extending cognitive abilities as you age. If you are new to the practice or want to enhance your experience, this six-week course will provide the opportunity to explore different methods and techniques. Each class will focus on a different aspect of mindfulness and meditation and how it relates to brain health. Participants will have first-hand experience in finding a state of mindful meditation that best optimizes their own peace of mind.

Study Group Leader(s)

Joyce Hansen

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

Science/Math: Arizona's Amphibians and Reptiles

Tue 9:00 AM - 10:30 AM  start: 9/25/2018  end: 10/9/2018
Community Learning Center - Green Valley – Room 203

Course Description

This course provides participants with an overview of the Arizona herpetofauna. It summarizes some of what is known about their natural history and provides the information necessary to identify the state’s amphibians and reptiles. We will examine the Arizona herpetofauna with color slides and distribution maps. Emphasis will be placed on threatened species and dangerously venomous species. The course is based upon the recently published book, "Arizona's Amphibians and Reptiles," which was written by the instructor. Lizards and snakes dominate the fauna, and most increase their activity with the onset of the monsoon. During the day horned lizards ambush ants along their trails, collared lizards look like sentries...
on rocks, and some whiptail lizards chase each other through the underbrush. Some whiptail species are all females while other species have both sexes. At night, the fauna changes, as banded geckos and a host of snake species from tiny threadsnakes to the numerous rattlesnake species become active. Monsoonal rains result in millions of toads coming to the surface to feed and reproduce. Giant Sonoran Desert Toads produce skin secretions causing a psychedelic effect when consumed and tiny Mazatlán narrow-mouthed toads hang out underneath tarantulas in their burrows when it is dry. Each species has a story to tell. In this class, we just scratch the surface as we seek to understand how so many species can live in one state, much of which is covered by desert.

Study Group Leader(s)

John Murphy

John C. Murphy is a retired science educator and zoologist. He spent most of his life in the Chicago area before relocating to southeastern Arizona. He has studied reptiles in North America, Asia, the Eastern Caribbean, and South America.

Social Sciences: Privacy, Property, and Free Speech—Part 1

Tue 3:30 PM - 5:00 PM  start: 9/25/2018  end: 11/27/2018

Community Learning Center - Green Valley - Room 205

Course Description

Join us as we watch and discuss “Privacy, Property and Free Speech: Law and the Constitution in the 21st Century,” one of the Great Courses. The lecturer is Professor Jeffrey Rosen of George Washington University Law School. We will examine how the courts struggle to balance the interests of individuals, businesses, and law enforcement as the proliferation of intrusive new technologies has put many of our presumed freedoms in legal limbo. Today, it’s easy to think that we have far more privacy and other personal rights than we do, in fact. Only by educating ourselves about the current state of the law and the risks posed by our own inventions can we develop an informed opinion about where to draw hard lines, how to promote changes in the system, and what we can do to protect ourselves. Part 2 will be presented in the Spring term 2019.

Study Group Leader(s)

Grant Stitt

B. Grant Stitt received his Bachelor’s, Master’s and Ph.D degrees from the University of Arizona. During his career he served on the faculty at Memphis State University, the University of Michigan-Flint and the University of Nevada, Reno for the last 23 years. He has published 60 articles and chapters in various journals and collected editions. As an academic criminologist his areas of expertise include the relationship between casinos and crime, victimless crime and the general etiology of crime.
Social Sciences: U.S. Diplomacy: Getting it Right

Tue 9:00 AM - 10:30 AM  start: 11/6/2018  end: 11/6/2018

Community Learning Center - Green Valley – Room 203

Course Description

We will look at the current state of US diplomacy. We will cover what the Foreign Service does and what an ambassador does. I will draw on my own experiences in the Middle East as well as material from a book I am working on about the decline of American diplomacy, which began decades before the election of Donald Trump.

Study Group Leader(s)

David Dunford

Dave Dunford retired from the U.S. Foreign Service in 1995 following completion of his assignment as Ambassador to the Sultanate of Oman. He also served in Egypt and Saudi Arabia. He is an Adjunct Instructor at the University of Arizona where he teaches courses on the Arab-Israeli Conflict and the Middle East Business Environment. From April to June of 2003, he worked for the Organization of Reconstruction and Humanitarian Assistance, and later the Coalition Provisional Authority in Baghdad as Senior Ministerial Liaison to Iraq’s Ministry of Foreign Affairs. He has co-authored a book about this experience: Talking to Strangers: The Struggle to Rebuild Iraq’s Foreign Ministry.

History: O'odham Residents of the Santa Cruz Valley

Tue 9:00 AM - 10:30 AM  start: 11/13/2018  end: 11/13/2018

Community Learning Center - Green Valley – Room 203

Course Description

The O'odham are not a single people. Wa:k O'odham heritage is distinct from the Tohono O'odham, those with whom they are politically grouped today. Originally Akimel O'odham or River People, the Wa:k ancestors were called Sobaipuri O'odham. They farmed, had a ranked society, and planned long-term settlements.

In this presentation the Wa:k O'odham Sobaipuri descendants (Tony Burrell and David Tenario) and anthropologist Dr. Deni Seymour discuss Sobaipuri heritage and the things that make these residents distinct from the rest of the Tohono O'odham Nation. Archaeology, history, ethnography, and family histories are combined to tell a unique story. Come hear this story and ask questions.

Study Group Leader(s)

Deni Seymour

Deni J. Seymour, PhD., is an experienced speaker with engagements across the state and beyond, and is currently with the Arizona Humanities Speaker Bureau. Dr. Seymour has degrees in environmental studies and anthropology and is a widely published author of 100 articles and 6 books on archaeology, ethnography, and ethnohistory. She has studied Sobaipuri history and archaeology for more than three decades and has worked with the Wa:k community for over a decade investigating many issues with community members regarding their Sobaipuri heritage.
Social Sciences: The Nogales Produce Industry

Tue 1:00 PM - 4:00 PM  start: 10/23/2018  end: 10/23/2018

Fresh Produce Association of the Americas, Nogales, AZ

Course Description

This course and combined field trip are designed to educate attendees about the produce industry in Southern Arizona. After an introductory course, participants will travel to a local produce warehouse to see firsthand an important part of how produce travels from the farm to the fork. The introductory course will take place at Fresh Produce Association of the Americas building at 590 East Frontage Road in Nogales, AZ. Drive time to Nogales is approx. 45 minutes from GV, plus or minus time to find the address noted. After the classroom portion, the group will travel together from Fresh Produce in Nogales to a warehouse nearby for the field trip portion of the course. What started over 100 years ago with a train car full of cantaloupe melons has evolved into a multibillion dollar business that helps drives the economy of the region. Nogales is the largest port of entry for fresh produce from Mexico, and the local produce companies are directly responsible for importing and distributing a wide variety of fresh produce across North America, Asia, and Europe. If you want to organize carpooling to Nogales, please meet at the Green Valley Village parking lot, south of El Rodeo, at 12:15 pm.

Study Group Leader(s)

Erika Dominguez

Erika Dominguez is a Policy Analyst/Communications Coordinator for Fresh Produce Association of the Americas.

Social Sciences: Border Patrol 101

Tue 1:30 PM - 3:00 PM  start: 9/25/2018  end: 10/30/2018

Community Learning Center - Green Valley – Room 203

Course Description

The purpose of this course is to teach the general public about the day to day operations of a Border Patrol Agent. Students will learn about what it takes to become a border patrol agent and about many of the laws that agents follow while performing their duties.

Study Group Leader(s)

James St. Louis

My name is James St. Louis. I was born in Port Au Prince, Haiti. I immigrated to the United States in October of 1985. I grew up in Trenton, NJ. I have a degree in Finance/Accounting. I worked on Wall Street for 8 years prior to joining The Border Patrol on May 11, 2011. I speak Creole, French, Spanish and English.
Social Sciences: Unspun, Finding Facts in a World of Disinformation

Tue 1:30 PM - 3:00 PM  start: 10/23/2018  end: 11/13/2018
Community Learning Center - Green Valley – Room 205

Course Description
Finding reliable facts has become very difficult despite the information available on the internet. What are some of the tricks of the deception trade? "If it's scary, be wary" and "beware of the superlative swindle and how euphemisms deceive" are some of the subjects discussed. We will also discuss a list of reliable websites that separate fact from fiction, where to find reliable nutrition information, and a guide to quackery! What is the role of public relations firms, journalists and lobbyists in forming our opinions? What is the role of investigative journalism?

Study Group Leader(s)
Rick Ernst
Rick is a retired Financial Advisor who helped clients retire comfortably. He has led many OLLI classes including Investing 101 & 102, The Battle for the Soul of Capitalism, Last Call the Rise and Fall of Prohibition, Smuggler Nation, How Illicit Trade made America, and UnSpun, Finding Facts in a World of Disinformation.

Health/Self-Help: Because Everybody Dies

Tue 1:30 PM - 3:00 PM  start: 11/6/2018  end: 11/6/2018
Community Learning Center - Green Valley - Room 203

Course Description
Some people believe that they are immortal. They are not. We all die. We live in a death denying culture, but we are all going to die. While we may hope that our death is years or even decades in the future, deep down, we all know that we could get t-boned on our way home from the grocery. We all need to make plans. We all need to talk to our families. Those of us without families need to find someone willing to make decisions about disposing of our bodies (or final remains, if you wish!) Ruth will answer questions you didn’t even know you had and show you how to make the plans you need. Ruth has a way of discussing death and dying that is informative, yet amusing. She has been told that she puts “the FUN back in Funeral!”
Study Group Leader(s)

Ruth Bennett
Ruth Bennett is the Executive Director of the Funeral Consumers Alliance of Arizona. This nonprofit has been in Tucson since 1961 and is one of about 70 Funeral Consumers Alliance affiliates in the United States. A statewide group since 2014, the FCA-AZ is an information and advocacy organization providing objective information about cremations, burials, whole body donation, green burial and more. Ruth has served on the Board of People’s Memorial Association (the WA state affiliate), the FCA Board in Arizona and two terms on the national FCA Board of Trustees. She has a BA in Anthropology and once owned a travel agency in downtown Seattle. She serves on her local school board and is active in her church. Her presentation is informative and entertaining. She has been accused of “Putting the FUN back in FUNeral!”

History: Geo-Political Oddities
Tue 3:30 PM - 5:00 PM  start: 9/25/2018  end: 9/25/2018
Community Learning Center - Green Valley – Room 203

Course Description
Did you know that there is an island that changes COUNTRY twice a year? Did you know that there is a territory that no one claims - actually its two neighbors insist it belongs to the other! Look at enclaves/exclaves, condominiums, and more.

Study Group Leader(s)

Stephen Stillwell, jr.
Stephen J. Stillwell, jr. is an historian and a librarian with degrees from the American University, Simmons College, Harvard University, and the University of North Texas. He has lived, studied, and worked around the United States, the United Kingdom, and the Middle East. He worked as a librarian and/or a faculty member at Harvard, Texas Christian, UNT, Texas (Arlington), and Arizona. Now retired, he enjoys teaching (particularly British) history. His favourite past-time is reading British mysteries. Dr. Stillwell has had the unusual experience of being a swineherd on a free-range, organic pig farm in mid-Wales.

Art/Culture: Adventures in Music: Romantic Symphonic Works
Tue 3:30 PM - 5:00 PM  start: 10/9/2018  end: 11/13/2018
Community Learning Center - Green Valley – Room 210

Course Description
Adventures in Music Series presented this semester will be an adventure into great Romantic symphonic works with many featuring intriguing northern stars.
Study Group Leader(s)

Charles McClellan

Charles earned his Masters Degree in Climatology at California State University, Northridge. He is a member of the American Meteorological Society, and is currently active as a consultant to a professional meteorological firm. He is an official weather spotter for the NWS in Tucson.

Wednesday

Literature: Explore Five Short Novels

Wed 9:00 AM - 10:30 AM  start: 9/26/2018  end: 10/24/2018

Community Learning Center - Green Valley - 210

Course Description

"The Great American Novel," "The Big Book," "Epic Fiction"--these are out-sized targets of much attention and literary criticism. This study group, however, goes in another direction. We will read five short novels (or novellas, or long short stories--choose your own description of these small gems). All of them can comfortably be read in a couple of hours. All five explore in different and profound ways the interactions of people facing life in memorable locations.

The five stories are:

- Goodbye, Columbus (Phillip Roth)
- The Ballad of the Sad Cafe (Carson McCullers)
- Wise Blood (Flannery O'Connor)
- Of This Time, Of That Place (Lionel Trilling)
- A River Runs Through It (Norman Maclean)

We will discuss why these short novels touch us and how they reveal important truths about the human experience. The first four titles are contained in an anthology--Seven Contemporary Short Novels--available at Amazon, used and new editions are available. The fifth title can be found in paperback and is available on Amazon and in many bookstores as well. The books may also be individually available on electronic devices. Bring your point of view and experience, and we will explore some of the short fiction considered to be among the best writing produced during the past century.

Study Group Leader(s)

Thomas (Tom) Bambrey

For 35 years Tom Bambrey taught British and American Literature at colleges and universities. He holds a B.A. in English from Wabash College and an M.A. and Ph.D. in English from the University of Denver. Tom's teaching includes a broad spectrum of topics with special attention to British Romanticism, the 20th Century American
novel, and the Literature of Sports in America. His approach is open-ended and encourages discussion. Beyond teaching he served in college and university administration, primarily as a Dean/Vice President for Student Affairs. In addition, Tom has consulted widely on business writing with businesses and corporations.

**History: History of the Hacienda de la Canoa**

Wed 9:00 AM - 10:30 AM  start: 10/3/2018  end: 10/3/2018

Community Learning Center - Green Valley – Room 205

**Course Description**

The history and preservation of the Hacienda at the Canoa Ranch in Green Valley, Arizona, are the focus of this study group. Participants will learn about the history of Canoa Ranch during a classroom presentation and will follow up with a guided tour, field trip to the ranch property. The classroom presentation will be held on October 3, at 9:00 am in the Community Learning Center. The field trip, a 1.5 hour guided walking tour, will be held on Saturday, October 6, with participants gathering at Canoa Ranch at 9:45 am. Canoa Ranch is located off of I-19 East Frontage Road between the Green Valley Hospital and Canoa Road. For the field trip participants should expect to walk about 3/4 of a mile, both indoors and outside. Some stairs are involved in the tour. Walking shoes, a hat, and water are recommended for the tour.

**Study Group Leader(s)**

**Simon Herbert**

Simon Herbert was born and raised on Jersey, the largest of Great Britain’s Channel Islands. He has a Bachelor’s in Industrial Design from Ravensbourne College of Art and Design, in England, and a Master of Science in Historic Preservation from the University of Pennsylvania in Philadelphia. After working as a carpenter and historic building specialist for many years in the United States, he became an associate professor in the Building Preservation program at Belmont College in Ohio, where he taught a large number of academic and practical classes. In 2000, Mr. Herbert was invited to become the first Director of the Arkansas Institute for Building Preservation Trades at the University of Arkansas, a post he held until moving to Tucson in 2004. Since 2005, he has worked as an Architectural Preservationist and Program Coordinator for Pima County, a position which provides him with plenty of opportunity to practice a wide variety of highly specialized skills. Mr. Herbert brings many years of practical building rehabilitation experience to Pima County, where he enjoys the process of seeing historic buildings returned to viable uses. Nowhere is this more evident than at the county-owned Historic Hacienda de la Canoa in Green Valley, where he spends the majority of his time and energy. In his spare time, Simon is rehabilitating his own 1958 house. He is also a professional architectural photographer and published novelist. On the lighter side, he enjoys scuba diving, ocean kayaking, and building scale models.
Social Sciences: The Geopolitical Challenges in Europe

Wed 11:00 AM - 12:30 PM  start: 9/26/2018  end: 11/14/2018
Community Learning Center - Green Valley – Room 205

Course Description

We will explore the growing political challenges facing Europe and the European Union. Will pressures from the political right derail the trend toward greater economic, social and political unity? Will we have more "Brexit" events? We will read Flashpoints by George Friedman, which is available at Amazon.com for $11.99. Good class participation is essential, which leads to fun while learning.

Study Group Leader(s)

Don Laws
Don Laws is a retired instructional dean emeritus and has taught political science and history seminars for adults since 2002.

Health/Self Help: Yoga

Community Learning Center – Green Valley – Rehearsal Room

Course Description

This is a series of ten one-hour yoga classes. The focus will be on alignment to invigorate, ground, and balance the energies, so you leave feeling enlivened and relaxed at the same time. We will do some floor postures, but some may want to use a chair. We will do standing and balancing postures; we will practice yogic breathing; and we will end in relaxation. Yoga will help you in breathing and balance in every aspect of your life. Bring a mat specific to yoga and eat a light breakfast.

Study Group Leader(s)

Helen Boyd
I have been teaching Hatha yoga, the form of yoga that includes concentrating, breathing exercises, and postures, for 25 years, and been certified with Yoga Alliance since it’s inception. Other styles of yoga I also offer are Yin, Vinyasa, and Restorative. I have taught in classrooms in gyms, community college, and workshop settings to all age groups.
Science/Math: How Does the UA Make the Largest Telescope Mirrors in the World?

Wed 12:30 PM - 4:00 PM  start: 11/7/2018  end: 11/7/2018

Richard F. Caris Mirror Lab, University of Arizona Main Campus

Course Description

The program will begin at the Richard F. Caris Mirror Lab on the University of Arizona campus, located at 527 National Championship Drive in Tucson. We will explain how we make the largest and most complex telescope mirrors in the world. We will tour the one-of-a-kind facility and discuss the projects we have produced, both past and present. The tour is 90 minutes in length and does include ascending and descending several flights of stairs, as well as standing for 15-25 minutes. We ask everyone to wear closed-toed shoes for comfort and safety. Cameras are welcome. Tour will be Wednesday, November 7 at 1:00 pm. Participants must purchase a $10 ticket prior to the start of the tour. Participants should arrive by 12:50 pm for check-in. The tour will start on time. Parking is self-pay in the UA Cherry Ave or South Stadium garage.

Study Group Leader(s)

Cathi Duncan

The University of Arizona Mirror Lab is world-renown facility that produces the largest and most complex telescope mirrors in the world.

Health/Self Help: Open The Door to Tai Chi

Wed 12:45 PM - 1:45 PM  start: 9/26/2018  end: 11/28/2018

Community Learning Center - Green Valley - Rehearsal Room

Course Description

Open the Door to Tai Chi, (Yang 24 Style), introduces a gentle form of Tai Chi to the beginner. Derived from a martial art fighting style that originated in China in approximately the 5th century, Tai Chi is an internal martial art that unifies the body and the mind with the natural energy, or chi, found in the body. Tai Chi is practiced while standing, and focuses on connecting each movement to the next while calming the mind and incorporating slow, uniform breathing. The list of physical and emotional health benefits provided by Tai Chi are too numerous to name, and it is the most popular exercise in the world today. Medical and word of mouth referrals are growing rapidly. Please note that missing classes will reduce the benefits to participants, as the movements learned and practiced flow from one
to the next throughout the class. A suggested manual is entitled *Open the Door to Tai Chi*, authored by Ms. Dianne Bailey and available through Amazon for $7.99.

**Study Group Leader(s)**

**Dean Curd**

The Teacher is Dean Curd, retired to Green Valley from Colorado in 2016. Dean is a prior Colorado State Patrol officer and professional trainer, who has been practicing martial arts skills as part of his profession for many years. He was authorized to teach the Open The Door to Tai Chi course in 2015, and continues to work with his teacher, the creator of the Open The Door to Tai Chi program.

**Science/Math: Discuss the Science News**

Wed 1:30 PM - 3:00 PM  start: 9/26/2018  end: 11/14/2018

Community Learning Center - Green Valley – Room 205

**Course Description**

We will be using several scientific news websites, science publications, and broadcast sources. Each week, a few study group members will summarize a current science news story and then lead the rest of the group members in a discussion of that article. Class sessions will be augmented by videos and additional materials; this is intended to be a discussion class rather than a traditional lecture class.

**Study Group Leader(s)**

**Bob Schaffer**

Completed the PhD from Arizona State with doctoral areas in Marketing, Quantitative Methods, and Experimental Psychology. Taught at ASU, Whittier College, CSU, Fullerton, before switching over to Cal Poly, Pomona in 1983 where I remained until retirement in 2010. Had a somewhat normal academic career: wrote textbooks, published papers, delivered academic presentations, chaired three international conventions, was instrumental in the creation of two new academic programs (Music Business and E-Commerce), advised student clubs, won some teaching awards, and in general, just had a great time. In addition to the US and Canada, academic travel included Europe and Asia; was lucky to teach one Quarter in Africa. Consulting assignments included clients in the Manufacturing, Service, Health Care, Entertainment, and Financial sectors. Moved to Green Valley in 2011.

**Charles McClellan**

Charles earned his Masters Degree in Climatology at California State University, Northridge. He is a member of the American Meteorological Society, and is currently active as a consultant to a professional meteorological firm. He is an official weather spotter for the NWS in Tucson.
Art/Culture: Seven Significant, Groundbreaking, even Iconic Movies

Wed 1:00 PM - 4:00 PM  start: 9/26/2018  end: 11/7/2018
Posada Community Center at La Posada - Meeting Room

Course Description

Unusual movies that you may have missed (or should see again). Thought provoking themes and treatments that will make a lasting impression. Planned showings: "Night of the Hunter," "In Bruges," "The Three Burials of Melquaiades Estrada," "Doubt," "Tootsie," "Eight Men Out," and "Johnny Got His Gun."

Study Group Leader(s)

D W (Stoney) Stonecipher

Long time interest in movies, history, and rock music. BA in Business – interested in study of history and political science, but had to support a family. 1962 to 1974 – marketing management for major oil company. 1974 to 2006 owned sizable accounting, tax and payroll practice dealing with small businesses, professional practices, and non-profit organizations. Organized, lectured, and led many seminars on sales, marketing, business management, business organization, and taxation issues.

Science/Math: There are no Hummingbirds on Mars

Wed 1:30 PM - 3:00 PM  start: 9/26/2018  end: 9/26/2018
Community Learning Center - Green Valley – Room 203

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

I have been a professional biologist for over 50 years. For most of my career I have studied ecological interactions between seed and/or pollen-dispersing phyllostomid bats and their food plants in Latin America. My seed dispersal studies were conducted in tropical forests in Costa Rica between 1970 and 1986. My pollen dispersal studies were conducted in the Sonoran Desert of Mexico and Arizona between 1989 and 2000; my graduate students conducted parallel studies in Curacao, Venezuela, and Peru. My students and I studied the evolution of phyllostomid bats in
the West Indies between 2000 and 2006. My current research involves the use of hummingbird feeders by nectar bats in southern Arizona, and the ecology and evolution of tropical vertebrate-plant mutualistic interactions (i.e., pollination and seed dispersal) world-wide. I have been professionally employed by the Smithsonian Institution (1966-67), the University of Missouri-St. Louis (1969-78), and the University of Miami (1978-2008). I have directed the theses or dissertations of 22 graduate students and have won several national awards for my research. I have long been associated with the Association for Tropical Biology and Conservation (ATBC) and served as its president in 2001. I have authored/co-authored over 150 publications and eight books, including "The Ornaments of Life: Coevolution and Conservation in the Tropics " (University of Chicago Press, 2013; co-authored with W. John Kress) and "No Species is an Island: Bats, Cacti, and Sonoran Desert Secrets” (University of Arizona Press, 2017). My wife and I live in Tucson, AZ near our daughter and her family. I've always had an interest in art and have used photography as a creative outlet for this for many years. I've become deeply involved in digital photography and digital art in retirement. I've enjoyed being a member of Club Camera Tucson and served as its president in 2010-12. My photo website is: www.tedflemingphotography.com

Philosophy: A Brief Version of Western Philosophy

Wed 1:30 PM - 3:00 PM  start: 10/3/2018  end: 11/7/2018
Community Learning Center - Green Valley – Room 203

Course Description

In this course, we will read and discuss Luc Ferry's A Brief History of Thought: A Philosophical Guide to Living, pbk., Harper Perennial, 2011, 269 pages. This introduction to philosophy focuses on the questions of what it means to be human and how to react to the reality of death by exploring ancient Stoic, Christian, Humanism, early modern, and contemporary appoaches. It's a fascinating discussion of the most significant ideas in western philosophy, and offers the benefit of a very easy read, not at all like a college text.

Study Group Leader(s)

Jack Mattox

Jack Mattox is a retired high school Humanities teacher. He taught in suburban Chicago public schools for 31 years before coming with his wife, Kathy, to Green Valley. A frequent contributor to the OLLI curriculum, Jack has facilitated may study groups in American History. His emphasis is on close reading of the text(s) and participant discussion.

Art/Culture: Where Are the Women Composers? Part 2

Wed 3:30 PM - 5:00 PM  start: 10/3/2018  end: 10/24/2018
Community Learning Center - Green Valley – Room 210

Course Description

With the growth of interest in classical music by women composers, an impressive repertoire is continually being composed and discovered. This class will present a significant sampling of these works, with guided listening and interesting stories about the composers. Discussions of what we hear and our reactions to the music (both "traditional" and "modern") promise lively exchanges.
Study Group Leader(s)

Ann-Marie Schaffer

Career as pianist, chamber music performer, and teacher of piano, music history, and music literature, organist, and choir director. Ann-Marie moved to Green Valley from Tempe in 1980 with husband, Dave. Second recipient (1982) of the Distinguished Artist Award from the Greater GV Arts Council. BA from Dominican University, San Rafael, CA. M Mus from Arizona State University. Founder of Green Valley Chamber Music Society in 1982. In Green Valley: lectures ("Keyboard Classics and Comments"), Chamber Music Society, playing chamber music, writing program notes for the GV Concert Association (20 years), and TSO preview talks.

Thursday

Science/Math: The Hubble Space Telescope: Twenty-eight Years of Scientific Achievement

Thu 9:00 AM - 10:30 AM  start: 9/27/2018  end: 10/18/2018
Community Learning Center - Green Valley – Room 203

Course Description

We have all seen many of the spectacular images from the Hubble Space Telescope that have been widely disseminated in the media. While these images are intriguing and inspiring, during its 28 years in orbit the HST has also collected an enormous amount of scientific data that has greatly expanded our knowledge and understanding of the universe. Since the HST is nearing the end of its mission, this is a good time to look back at its accomplishments. In this class we will explain a selection of these images and the scientific discoveries emanating from them. This class will be at the introductory level and no background in science will be required. It will consist of PowerPoint lectures with ample time for questions and discussion.

Study Group Leader(s)

Edward Schmidt

Ed Schmidt was a professor of astronomy at the University of Nebraska for more than four decades. During that time he taught a variety of astronomy classes ranging from introductory classes for non-science majors to junior-senior classes for students majoring in physics. He has conducted research with the telescopes at Kitt Peak National Observatory in Arizona as well as at other observatories all over the world (Nebraska, Texas, California, Australia, Canada, Chile, England, Israel) and in space. Following his retirement in 2012, he has organized and taught OLLI courses in Lincoln, Nebraska as well as OLLI-UA. Currently he volunteers as a docent at Whipple Observatory.
Social Sciences: Samaritans on the Border
Thu 9:00 AM - 10:30 AM  start: 10/25/2018  end: 10/25/2018
Community Learning Center - Green Valley - Room 203

Course Description
In this study group you will examine the effects of globalization on borderland communities, which, in turn, stimulate immigration into our First World country. You will explore the plight of migrants, their deep instinct of survival, and their devotion to family. The migrants' rich culture and the climate of the borderlands provide the backdrop for migrant traffic, yet they pose multiple dangers. You will hear the story of a humanitarian group called Samaritans who give food, water, and medical care to those whose lives are on the line.

Study Group Leader(s)
Shura Wallin
Shura Wallin served Planned Parenthood and the Population Council in New York City, as well as coordinated food programs for the homeless in Berkeley, CA. While at Berkeley in 1996, she was selected as The Outstanding Woman of the Year by the Berkeley Commission on the Status of Women. After retiring in 2000, she became involved with Humane Borders, a humanitarian group that puts water tanks in areas with significant migrant traffic. Realizing the enormity of the problem, she teamed up with No More Deaths and Tucson Samaritans, eventually co-founding the Green Valley/Sahuarita Samaritans in 2005. In 2012, Shura was presented the Hon Kachina Award, the most prestigious volunteer award given in the state of Arizona.

Health/Self Help: Keeping Your Marbles - Better Brain Health
Thu 11:00 AM - 12:30 PM  start: 9/27/2018  end: 11/1/2018
Community Learning Center - Green Valley – Room 210

Course Description
Our brains are complicated. We tend to think of them as mechanical structures that wear out over time. In reality, a brain can be updated and reprogrammed to be quite functional for a long time. In this program, we’ll cover the latest in brain research and a variety of free and helpful methods that can be put into practice immediately. Each class is interactive and includes self-discovery activities for keeping your marbles. This class is open to all.

Study Group Leader(s)
Joyce Hansen
Joyce Hansen, a graduate of the University of Wisconsin, relocated to New York to live a corporate life until she switched mid-career to spend 25 years in a private mind-body strategies practice and retired as a community college adjunct professor. She now writes and conducts training programs on health and aging issues.
History: The Gospel of Airpower: Strategic Bombing from 1670 to Today
Thu 11:00 AM - 12:30 PM  start: 11/8/2018  end: 11/8/2018
Community Learning Center - Green Valley - Room 203

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

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

Science/Math: Complexity of Energy and Environmental Policies
Thu 11:00 AM - 12:30 PM  start: 11/15/2018  end: 11/15/2018
Community Learning Center - Green Valley – Room 203

Course Description
Policy issues related to energy and the environment are continuously reported in the news and frequently discussed by the public: However, the complexity of these issues causes a considerable lack of understanding among the general public, advocates and opponents, and even policy makers. Among topics to be highlighted: climate change; renewable energy; electric cars; ethanol fuel additives; and much more. This study group is designed to provide participants with a greater understanding of and appreciation for these complexities. Participants in this study
group will be able to think and to converse beyond usual partisan spins that dominate current discussions.

**Study Group Leader(s)**

**Michael Durham**

Dr. Durham is the founder of six technology companies and a recognized leader in the energy and environmental industry and policy writing. He pioneered work with the measurement and control of emissions from the coal-fired industry and developed technologies and projects that integrated intermittent renewable energy sources into coal-fired sources. He created technologies to reduce mercury emissions from power plants. As CEO of ADA Technologies he conducted energy and policy research and development for governmental agencies. Dr. Durham has been recognized as a Distinguished Alumnus by the University of Florida.

**Philosophy: Goddesses In Everywoman - An Exploration**

Thu 1:30 PM - 3:00 PM  start: 9/27/2018  end: 10/18/2018
Community Learning Center - Green Valley – Room 210

**Course Description**

The basis for the course will be two books by Jean Shinoda Bolen, a Jungian Analyst. Here are the descriptions from her web site: **Goddesses In Everywoman: Powerful Archetypes In Women’s Lives**: “Introduced Greek goddesses as personification of archetypal feminine patterns that have a powerful effect on shaping personality, behavior, and meaning, which are in turn supported or suppressed by family and culture. Living a meaningful life, individuation, and a sense of the sacred are related to the archetypes in us.” **Goddesses In Older Woman: Archetypes In Women Over 50**: "Archetypes of wisdom, compassion, outrage, sensuality, and healing humor in women over fifty. Includes section on the “Goddesses in Everywoman”--growing older, on the archetype of the wisewomen or clan mother circle, Act 3 in women’s lives and third wave feminism. Energies and images of empowerment, individuation and meaning in the third phase of life.” There will be a short presentation at the start of each class, but the course is designed for open discussion, during which we will explore Bolen’s approach to female archetypes and how they integrate into women’s lives. Discussion questions will be sent to participants several days in advance of the class. Reading the books is helpful but not necessary. To learn more about the author go to her web site at http://jeanshinodabolen.com. The books are available in e-book, hardback, and paperback through on-line vendors, your local bookstore, and perhaps your local library.

**Study Group Leader(s)**

**Lois Connell**

I have a Bachelor’s degree in English and a Master’s in Education with a concentration in Religion. I have had a varied career, first in Social Work and then in Teaching. I migrated to the business world and spent the rest of my working life in administration of Employee Benefits, concentrating on pension plan administration. I retired from Vanguard as a Project Lead in 2010. My sister Janet and I moved to Quail Creek in July 2010. In addition to OLLI-
UA, we are involved in amateur astronomy and, most recently, politics. I have had a life-long interest in the intangible aspects of life, hence, my interest in myth.

**Philosophy: Gods In Everyman - An Exploration**

**Course Description**

The basis for the course is the book *Gods In Everyman* by Jean Shinoda Bolen, a Jungian Analyst. Here is the description of the book on her web site: “The major Greek gods as male archetypal patterns which shape personality and relationships, favor or handicap the achievement of power and success in a patriarchal society, and are sources of meaning as well as pathology.” There will be a short presentation at the start of each class, but the course is designed for open discussion, during which we will explore Bolen’s approach to male archetypes and how they integrate into men’s lives. Discussion questions will be sent to participants several days in advance of each class. Reading the book is helpful but not necessary. To learn more about the author go to her web site at http://jeanshinodabolen.com. The book is available in e-book, hardback, and paperback through on-line vendors, your local bookstore, and perhaps your local library.

**Study Group Leader(s)**

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**Travel and Entertainment: Get to Know the Buenos Aires National Wildlife Refuge**

**Course Description**

I will present a Powerpoint lecture describing the history of the refuge, the refuge’s missions with emphasis on the quail program, and recreational opportunities on the refuge. There is an OPTIONAL 2 hour field trip scheduled for Saturday October 6th.
beginning at 10:00 am, BANWR Visitor Center (about 35 miles west of Amado) for a short hike and to see quail in the viewing pen. There are no materials or prior knowledge required. Anyone can participate.

Study Group Leader(s)

Joshua Smith

I am a Wildlife Refuge Specialist with the US Fish and Wildlife Service at Buenos Aires National Wildlife Refuge. I’ve worked for the federal government as a Biological Sciences Technician, an Ecologist, and now a Refuge Specialist. My duties include public outreach and education, volunteer coordination, and biology. I enjoy sharing my knowledge of the outdoors and wildlife with diverse audiences.

History: Ancient Egypt: Language and Literature

Thu 3:30 PM - 5:00 PM  start: 9/27/2018   end: 10/4/2018
Community Learning Center - Green Valley - Room 210

Course Description

Ancient Egypt is a civilization that lasted over 3,000 years. During that time, the Egyptians built astounding structures and developed a complex culture and religious system. Join me to take a look into their world through their language and literature. The class will include an introduction to hieroglyphic script, covering the fundamentals of the language and how it is read. You’ll have the opportunity during class to apply what you learn by reading some of their writings. We will also look at their religious texts from the Old Kingdom pyramid texts through to the New Kingdom Book of Going Forth by Day (better known in modern times as the Book of the Dead), as well as studying other forms of literature. This is an introductory class, no prior knowledge of Ancient Egypt or hieroglyphics is needed.

Study Group Leader(s)

Nicola Richmond

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

Thu 3:30 PM - 5:00 PM  start: 9/27/2018  end: 11/15/2018
Community Learning Center - Green Valley – Room 205

Course Description

We will read and discuss Astrophysics for People in a Hurry by Neil deGrasse Tyson - ISBN-13: 978-0393609394; available at Amazon for about $12. Please read Chapter One of the book before the first class session. Class sessions will be augmented by videos and additional suggested readings. This is intended to be a discussion class rather than a traditional lecture class.

Study Group Leader(s)

Bob Schaffer

Completed the PhD from Arizona State with doctoral areas in Marketing, Quantitative Methods, and Experimental Psychology. Taught at ASU, Whittier College, CSU, Fullerton, before switching over to Cal Poly, Pomona in 1983 where I remained until retirement in 2010. Had a somewhat normal academic career: wrote textbooks, published papers, delivered academic presentations, chaired three international conventions, was instrumental in the creation of two new academic programs (Music Business and E-Commerce), advised student clubs, won some teaching awards, and in general, just had a great time. In addition to the US and Canada, academic travel included Europe and Asia; was lucky to teach one quarter in Africa. Consulting assignments included clients in the Manufacturing, Service, Health Care, Entertainment, and Financial sectors. Moved to Green Valley in 2011.

Friday

Health/Self Help: Finding Fulfillment and Happiness in Life Particularly in Retirement

Fri 9:00 AM - 10:30 PM  start: 9/28/2018  end: 10/19/2018
Community Learning Center - Green Valley – Room 203

Course Description

The purpose of this study group is to help participants design a fuller, richer and more meaningful life particularly in retirement. Participation based discussions will ensure that they leave with some additional practical tools for getting more happiness and satisfaction from their day to day living. The course will be based on the book, Build Your Dream: 12 Essential Tools For Successful Living by Byron Thompson. This is recommended but not mandatory reading for participation. It is available at the Book Shop in Green Valley and from Amazon. Additional enrichment materials will be supplied based on Greg Berg PhD research findings on mental and emotional healthy living.
Study Group Leader(s)

Byron Thompson

Author, Build Your Dream 12 Essential Tools for Successful Living and soon to be released 5000 Years of Wisdom: Finding Happiness in Retirement. As an independent businessman, Byron owned and operated the franchise in Oregon for the world-wide Dale Carnegie organization, presenting management, leadership and sales training.

Philosophy: Stoicism: Ancient Philosophy for Modern Times

Fri 11:00 AM - 12:30 PM  start: 9/28/2018  end: 10/12/2018
Community Learning Center - Green Valley – Room 203

Course Description

Often considered a cold-hearted philosophy, stoicism is about how to flourish in the face of what life throws at us. It’s how to live a life of meaning, entreatings us to maintain a stiff upper lip. Stoicism encourages constructive engagement with our emotional lives and pragmatic analysis of what we can and cannot control, whoever we are, stoicism has something for us.

Study Group Leader(s)

Mark Horton

Dr. Mark A. Horton has taught Humanities/Philosophy for the last 20 years at Western Connecticut State University. His interests include Ethics and the Search for Meaning along the life cycle. He is married and has one adult daughter and two wonderful grandsons. Mark moved to Green Valley this January.

Health/Self Help: TEP Home Energizer Workshop

Fri 11:00 AM - 12:30 PM  start: 10/5/2018  end: 10/5/2018
Community Learning Center - Green Valley – Room 210

Course Description

Attend a TEP Home Energizer Workshop! Learn free and low-cost energy efficiency measures you can implement at home to save energy and money. All workshop participants will receive a free Energy Efficiency Kit worth more than $40 that includes LED light bulbs, a low-flow shower head, an LED nightlight and more.

Study Group Leader(s)

Adam Kingery

Adam Kingery was a classroom teacher in Arizona for 13 years before joining the Environmental Education Exchange as an outreach presenter in 2016. Adam is a Masters Degree candidate in Educational Leadership and has a degree in Political Science from UA. He manages the logistics and team of energy presenters for the Bright
Students middle school program and the Home Energizer Workshop for both Tucson Electric Power and Unisource Energy Services.

**John Eisele**

John Eisele is a 37-year resident of Tucson and is passionate about sustainability and environmental issues, particularly as they relate to "green" buildings and homes. After earning a BS Engineering degree from the University of Michigan, John has had a wide-ranging career, including 22+ yrs with IBM, owning several businesses and marketing a variety of environmental products over the years. John is an enthusiastic member of the Tucson environmental community and has been presenting the Home Energy Workshop to a variety of audiences for the last few years. He holds the vision of promoting energy efficiency as a means to lower our energy footprint and assist in mitigating the effects of climate change.

**Health/Self Help: Declutter Your World**

Fri 11:00 AM - 12:30 PM  start: 10/5/2018  end: 10/12/2018

Community Learning Center - Green Valley – Room 205

**Course Description**

"We can only move forward when we learn to let go." In these classes you will learn how to define clutter in your living space. An organized process will be provided so you can once and for all rid yourself of "blockages" and create an environment that is easy to maneuver through and beautiful to reside in. A four-hour journey that is guaranteed to change your life.

**Study Group Leader(s)**

**Donna Vernon**

Donna began her career in 1993 as a university professor, teaching International Business in South Florida. Her extensive travels eventually led her to Perth, Australia, where she became a fashion designer and artist. Still on the move, she next settled in Hawaii developing her skills as a writer and publishing six spiritual, life-changing books. To further expand upon the artistic side of her life, Donna moved to Green Valley in 2017, where she currently helps others with design knowledge through teaching.

**Health/Self Help: Color Your World**

Fri 11:00 AM - 12:30 PM  start: 10/19/2018  end: 11/2/2018

Community Learning Center - Green Valley – Room 205

**Course Description**

"I'll never be confused by color again." In these classes you will analyze your reaction to certain colors used together and as a group. We will discuss monochromatic, analogous, and complementary colors in art and decorating, which will give each student confidence when making major color decisions in their hobbies and surroundings. There is an $8 materials fee payable to the instructor at the first class.
Study Group Leader(s)

Donna Vernon

Donna began her career in 1993 as a university professor, teaching International Business in South Florida. Her extensive travels eventually led her to Perth, Australia, where she became a fashion designer and artist. Still on the move, she next settled in Hawaii developing her skills as a writer and publishing six spiritual, life-changing books. To further expand upon the artistic side of her life, Donna moved to Green Valley in 2017, where she currently helps others with design knowledge through teaching.

Health/Self Help: Decorate Your World (Beginning)

Fri 11:00 AM - 12:30 PM  start: 11/9/2018  end: 11/16/2018

Community Learning Center - Green Valley – Room 205

Course Description

Does your home reflect your personality, lifestyle, and the colors you love in a beautiful and unique way? If you answered not really, then this class is for you! At the completion of these classes, you will leave with a clear understanding of your perfect color palette and decorating style, which can be easily incorporated into any budget. There is a $6 materials fee payable to the instructor at the first class.

Study Group Leader(s)

Donna Vernon

Donna began her career in 1993 as a university professor, teaching International Business in South Florida. Her extensive travels eventually led her to Perth, Australia, where she became a fashion designer and artist. Still on the move, she next settled in Hawaii developing her skills as a writer and publishing six spiritual, life-changing books. To further expand upon the artistic side of her life, Donna moved to Green Valley in 2017, where she currently helps others with design knowledge through teaching.

History: The Aztecs Before and After the Spanish Conquest

Fri 11:00 AM - 12:30 PM  start: 10/19/2018  end: 11/9/2018

Community Learning Center - Green Valley – Room 210

Course Description

A class of four lectures and discussions on the Aztec Empire, including: 1) from the founding of the city of Tenochtitlan and the origins of the Triple Alliance; 2) the New Conquest history, which challenges older interpretations of Hernan Cortes' campaign; 3) the adaptation of Nahua society and culture to Spanish colonization; and 4) the Spiritual Conquest and survival of indigenous religion and culture. Lectures will feature lots of visual images from art history and archaeology, and
highlight the importance of sixteenth century books and other documents written in Nahuatl, the language of the Aztecs.

**Study Group Leader(s)**

**Kevin Gosner**

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

**Science/Math: Current Wildlife and Natural Resource Conservation Topics at the UofA**

Fri 1:30 PM - 3:00 PM  start: 9/28/2018  end: 11/16/2018

Community Learning Center - Green Valley – Room 203

**Course Description**

Research at the School of Natural Resources and the Environment at the University of Arizona is diverse and focuses on the ecology of wild plants and animals as well as understanding how our complex ecosystems respond to environmental or human pressures, and how to develop management strategies for sustainable solutions. In this study group session, we will focus on conservation issues of concern for Arizona and beyond. We highlight question-oriented research, topics of interest, and innovative tools and methodology presented by current and former graduate students in The School of Natural Resources and the Environment (SNRE) at the U of A. Our course content is accessible to anyone and the format is interactive lecture (with power point presentation) and discussion with some hands on activities. No outside research or work is required; however, additional materials can be provided if participants wish to learn more about a topic.

Speakers and topics for Fall 2018 include:
- Ashley Hall - Sustaining Arizona rangelands through vegetation monitoring;
- Colin Brocka – History and conservation of the Sonoran tiger salamander;
- Andrew Antaya – Human impacts on desert bighorn sheep;
- Kira Hefty – Conservation of the Big Cypress fox squirrel;
- Stuart Wells – Zoo captive breeding programs and the recovery of endangered species;
- Amy Hudson – Tree rings, atmosphere, satellite data, and citizen science to determine jet stream impacts on plant phenology;
- Susan Washko - Macroinvertebrates and trout of beaver-altered streams;
- Marina Morandini – Wildlife in cities;

**Study Group Leader(s)**

*Melissa Merrick*

Melissa is a senior wildlife biologist with University of Arizona’s Conservation Research Laboratory; Mt. Graham Research Program with 12 years studying the ecology and population dynamics of small mammals in the Pinaléño Mountains in Arizona. At the University of Arizona her research is focused on animal behavior, movements, perception of habitat, and how these influence dispersal and settlement. Melissa is the session organizer for this study group.

**Additional Presenters**

Ashley Hall: Ashley works for the UA Cooperative Extension as a team member of the Rangeland Monitoring Program. Ashley has also worked for U.S. FWS as the Arizona Invasive Species Program Coordinator and taught “Identification of Arizona Native Plants” as adjunct faculty at Arizona Western College. ashleys3@email.arizona.edu.

Colin Brocka: Colin is a Master’s student in the department of Wildlife and Fisheries Conservation and Management. His research focuses on the spatial ecology and habitat selection of the endangered Sonoran tiger salamander. cbrocka@email.arizona.edu.

Andrew Antaya: Andrew received his Master’s in the department of Wildlife and Fisheries Conservation and Management. His research focused on the detection of desert bighorn in relation to human sign on both sides of the border. aantaya@email.arizona.edu.

Kira Hefty: Kira is a Ph.D student in the department of Wildlife and Fisheries Conservation and Management. Her research focuses on occupancy and habitat selection of Big Cypress fox squirrels on public lands in southern Florida. khefty@email.arizona.edu.

Stuart Wells: Stuart is a Ph.D student in the department of Wildlife and Fisheries Conservation and Management. His research focuses the development of ex situ captive breeding programs that support endangered species recovery. stuartwells@email.arizona.edu.

Amy Hudson: Amy is a Ph.D candidate in the Laboratory of Tree-Ring Research. Her research involves improving climate projections by determining how the jet stream 8 miles above the earth influences the important growth events of plants at the surface.

Susan Washko: Susan is a new Ph.D student in the department of Wildlife and Fisheries Conservation and Management. where she is studying the community ecology and food webs of aquatic ecosystems. washko.susan@gmail.com.

Marina Morandin: Marnia is a Ph.D student in the department of Wildlife and Fisheries Conservation and Management. Her research focuses the impacts of fire on small mammal communities and potential management strategies. mmorandin@email.arizona.edu.

Joy Liu: Joy is a Ph.D candidate in the Department of Anthropology and the Department of Arid Lands Resource Sciences. Joy’s research focuses on the human dimensions of forest management and wildlife conservation in China. joyliu@email.arizona.edu.

**History: History of Arizona's Oldest European Settlement: Tubac**

**Course Description**

Learn about the exciting history of Arizona’s oldest European settlement: Tubac!
In this course students will experience 2000 years of Tubac’s remarkable history with one in-class lecture. The lecture includes an introduction to the park and its programs; a twenty-five-minute Power Point about Tubac’s history (beginner level); a twenty-five-minute video about the overland expedition, led by Captain Juan Bautista de Anza II, that settled San Francisco; and a short art project with re-purposed cans (because Tubac is “Where Art Meets History”).

The second class, a field trip, will be held beginning at 1:30 at the Tubac Presidio State Historic Park and Museum on Friday October 26th at 1 Burruel St. Tubac, Arizona 85646. Students will experience the Presidio during a field trip where they will be given a guided tour of the historic buildings, gardens, gallery and museum. Come see the oldest European settlement in Arizona!

There is no charge for the lecture portion of this course, but there is a $5 per person fee for admission to the museum. The park is wheelchair accessible (except for the underground excavation of the original fort built in 1752). Plan to arrive by 1:15. Bring a hat, water bottle and wear comfortable shoes as we will be walking to each building (six buildings) in the park. Don’t forget - Tubac has great restaurants for lunch or dinner- before or after the tour! Hope to see you this Fall!

Study Group Leader(s)

Shannon Stone

Shannon Stone is a Tucson native, born on Davis Monthan Air Force Base. She loves the desert and the history of the southwest. She received her Bachelor’s Degree in History with a minor in Anthropology from the University of Arizona and currently is working on her Master of Liberal Arts in Museum Management through Harvard University. Shannon served as Education Director of the DeGrazia Gallery in the Sun Museum and Foundation in Tucson, where she worked for almost 20 years. She currently serves as Director of the Tubac Presidio State Historic Park and Museum where she is excited to expand on the park’s educational programs and plans on adding more diverse exhibits to the museum collection.

Art/Culture: Arts and Culture of Ancient Southern Arizona Hohokam Indians

Fri 3:30 PM - 5:00 PM  start: 10/5/2018  end: 10/5/2018

Community Learning Center - Green Valley – Room 203

Course Description

The Hohokam Native American culture flourished in Southern Arizona from the sixth through fifteenth centuries. Hohokam artifacts, architecture, and other material culture provide archaeologists with clues for identifying where the Hohokam lived, for interpreting how they adapted to the Sonoran Desert for centuries, and for explaining why the Hohokam culture mysteriously disappeared. In this presentation Archaeologist Allen Dart illustrates the material culture of the Hohokam and presents possible interpretations about their relationships to the natural world, their
time reckoning, religious practices, beliefs, deities, and possible reasons for the eventual demise of their way of life. The presentation includes abundant illustrations of Hohokam artifacts, rock art, and other cultural features.

**Study Group Leader(s)**

**Allen Dart**

Allen Dart – who encourages OLLI members to call him “Al” – is a Registered Professional Archaeologist who has worked professionally and volunteered in Arizona and New Mexico archaeology since 1975. He is the state cultural resources specialist for the USDA Natural Resources Conservation Service in Arizona. He volunteers his time as executive director of Old Pueblo Archaeology Center, a Tucson nonprofit organization that he founded in 1993 to provide educational and scientific programs in Southwestern archaeology, history, and cultures. Al has received the Arizona Governor's Archaeology Advisory Commission Award in Public Archaeology, the Arizona Archaeological Society’s Professional Archaeologist of the Year Award, the Arizona Archaeological and Historical Society’s Victor R. Stoner Award, and other honors for his efforts to bring archaeology and history to the public.