

## Spring 2017 Class Schedule

# For the Love of Learning

University-quality, non-credit  
classes for students 50+



# Osher Lifelong Learning Institute at ASU

## About Us

The mission of the Osher Lifelong Learning Institute at Arizona State University is to provide university-quality learning experiences for adults ages 50 and over through diverse classes, campus-based learning opportunities, and civic engagement initiatives.

We are a community of engaged learners discovering the joy of lifelong learning at its best . . . no tests, grades, or educational requirements! OLLI at ASU members have the opportunity to grow and learn inside and outside the classroom via campus events, local affinity groups, group discounts to local cultural and art events, and social media networks.

## Membership Benefits

**Semester membership fee entitles you to these benefits:**

- OLLI at ASU student member ID card
- Discounted admission to the **Deer Valley Petroglyph Preserve** for workshops, lectures, speaker series, and adult camps offered through the ASU Center for Archaeology and Society
- Discounted tickets to performances at the **ASU Kerr Cultural Center** in Scottsdale
- Connections to the **ASU Alumni Association** offering enrollment in free OLLI lectures, discounts on educational travel trips, and many other perks
- Discounted admission to the **Heard Museum** – American Indian Art & History – in Phoenix
- Discounted tickets to select shows at **The Nash**, Arizona's jazz performance and educational venue in Downtown Phoenix
- \$30 tickets (\$89 value – seating in the Bronze Tier) to select **Ballet Arizona** matinee performances
- \$20 “student rush” tickets to the **Arizona Opera** season performances and free enrollment in opera previews
- Connections to the **Irish Cultural Center** in downtown Phoenix offering invitations to special events
- Discounted tickets to the **ASU Herberger Institute of Design and Arts** on the ASU Tempe campus
- Access to a fitness membership in the **ASU Sun Devil Fitness Complexes**
- Opportunities for educational travel
- Invitations to ASU educational events
- University-quality learning experiences
- Connections to a vibrant higher education institution – Arizona State University

# Five Campus Locations

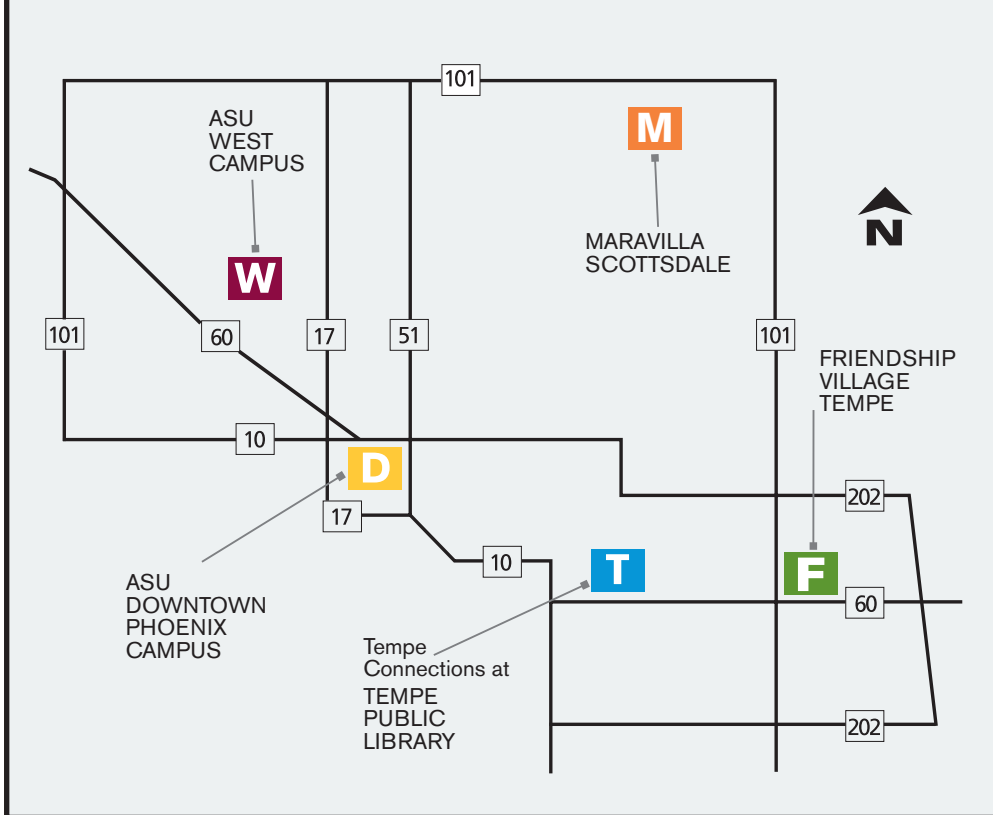
**W** ASU West campus  
4701 West Thunderbird Rd, Glendale, 85306

**D** ASU Downtown Phoenix campus  
502 East Monroe St, Phoenix, 85004

**T** Tempe Connections  
at the Tempe Public Library  
3500 South Rural Rd., Tempe, 85282

**F** Friendship Village Tempe  
2645 East Southern Ave., Tempe, 85282

**M** Maravilla Scottsdale  
7325 East Princess Blvd., Scottsdale, 85255



# Registration and Fees

## \$20 Semester Membership Fee

One-time per semester membership fee entitles you to register at all locations and take as many classes as you wish!

### + Class Fees

Fees are noted in the class descriptions

## Refund Policy

Membership fees are nonrefundable. Class/series fees are nonrefundable, except in the event a class/series is cancelled. In this case, the applicable fee will be refunded at the close of the semester.

## How to Register

Registration is required for all offerings and free events.

- **Online:** Go to [lifelonglearning.asu.edu/registration](http://lifelonglearning.asu.edu/registration)  
Fast! Easy! Secure!  
Pay with a credit card on our secure website. No service fees!
  - **By Phone:** Call 602.543.6440  
Pay with a credit card.
  - **By Mail:**  
Mail in your Registration Form\* along with a check payable to "ASU" to:  
Osher Lifelong Learning Institute at ASU  
PO Box 37100  
Mail Code 3251  
Phoenix, AZ. 85069-7100
- \* Registration Form may be downloaded from:  
[lifelonglearning.asu.edu/registration](http://lifelonglearning.asu.edu/registration)  
or requested by calling 602.543.6440

### Why Register Online?

- Classes fill quickly! You have a better chance of getting a seat in your favorite class when you register online, because you are enrolled immediately.
- No waiting on the phone! Online registration is a snap when you use your credit card.
- Quickly register for classes offered at all locations in one easy transaction.
- Select to receive your confirmation and class information to be emailed instantly to you.
- Easily add more OLLI classes at a later date.
- Your OLLI membership ID card is included in your emailed registration confirmation, along with member codes for discounted admission and tickets to cultural venues. Print, and start using your benefits now!



Dear OLLI at ASU Community,

A new semester of learning is upon us, and what a thrill it is for me to present another lineup of amazing classes to our OLLI at ASU community! But it doesn't stop there! Along with the array of diverse lectures, classes, and workshops also comes opportunities for you to experience new cultural events, volunteer activities, and social engagement. Truly, lifelong learning is an open door for life-changing and life-giving experiences.

If you haven't yet enrolled in OLLI at ASU, I encourage you to do so. Enroll in a class that intrigues your curiosity, opens up a new idea, brings about new perspectives on ancient beliefs, tempts you to try your hand at painting or drawing, write a memoir, or simply be in a classroom with other like-minded peers just for the joy of it. The possibilities are endless, and YOU can make it happen. It can change your life!

I wish to thank each and every one of you for your dedication to OLLI. Without your support and commitment to this community, OLLI at ASU – as we know it today – would not exist. It's you who tells your friends about how much you enjoy your classes and encourages them to enroll. It's you who shares your curiosity with the student sitting next to you in class . . . and the next thing you know, a group of you are talking over lunch or coffee, sometimes even with the instructor. It's you who gives of your time to OLLI as we ask for your volunteer efforts to serve our community. It's you who so generously digs into your pocket to donate to our OLLI's fundraising campaigns, because you've come to love OLLI and you believe in our future. Because of you, we raised \$20,737 last year to expand our class offerings, and we look to you again to keep the momentum going this year. Each one of you, in your own way, energizes and propels OLLI, moving us forward into new possibilities, new frontiers, and new ways of being excited about the world around us. Thank you!

We continue to stand in salute to The Bernard Osher Foundation for their belief in us, our dreams, and our commitment to building exceptional and diverse learning opportunities. As you know, The Bernard Osher Foundation recently helped us to reach a most significant milestone in our quest for financial sustainability. It invested an additional \$1 million in our endowment fund, a "legacy gift" that lays the ground work for successful OLLI at ASU programming in perpetuity.

With your continued support, we have much to look forward to in the coming year:

- More classes on our five campuses
- More travel opportunities
- New instructors and new topics reflecting your interests
- More volunteer opportunities to serve you and your community
- Discounted tickets to our partner arts and culture venues
- The electricity of university experiences
- A great community of fellow learners and friends
- Fantastic, devoted, and caring OLLI at ASU staff.

So welcome to OLLI, and let's spring into the New Year . . . into a new semester, with open minds and open hearts!

A handwritten signature in black ink that reads "Richard C. Knopf". The signature is fluid and cursive.

Richard C. Knopf, PhD, Director  
Osher Lifelong Learning Institute at ASU



**“I am hooked on OLLI and like a show, I can’t wait for the next season to start!”**

**- Penny Boone, Osher Member**

We know that you value the high-quality adult education and community-rich experiences that come with your membership in the Osher Lifelong Learning Institute at ASU (OLLI at ASU). Now we need your support more than ever, as we strive to become a fully sustainable operation.

**Your Donation:**

- ✓ **Enables great classes, great professors at a great price**
- ✓ **Helps meet annual expenses**
- ✓ **Secures a thriving future for adult education**

With your support, we can maintain our OLLI at ASU program excellence, solidifying our strong ASU Connection, and look forward to quality adult education and experience for all of us for years to come.

Thank you for being a part of our OLLI at ASU community!



## Yes, I want to support my OLLI at ASU community!

- ☐ Visit [www.asufoundation.org/Osher](http://www.asufoundation.org/Osher) to make your contribution
- ☐ Please accept my **One-time gift** of \$ \_\_\_\_\_
- ☐ Please accept my **Repeated gift** of \$ \_\_\_\_\_ over the course of \_\_\_\_\_ months, starting \_\_\_\_ (mm/dd).

### **PAYMENT METHOD**

- ☐ My check payable to the **ASU Foundation** is enclosed. *Your donation will still go to OLLI at ASU.*
- ☐ My gift should be charged to my credit card: ☐ Visa ☐ MasterCard ☐ Discover ☐ AMEX
  - Card #: \_\_\_\_\_ Exp: \_\_\_\_\_
  - Signature: \_\_\_\_\_ Date: \_\_\_\_\_
  - Name on Card: \_\_\_\_\_

### **YOUR INFORMATION**

Name(s): \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

Address: \_\_\_\_\_

City, State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Name as you would like it acknowledged (if different from above): \_\_\_\_\_

- ☐ Please keep my donation anonymous
- ☐ Please send information on planned giving
- ☐ My employer, \_\_\_\_\_, offers a matching gift program
- ☐ Please take me off your calling list

Please mail to the following address:

**Andrea Ramirez** - Development Assistant  
ASU College of Public Service & Community Solutions  
411 N Central Ave. Suite 750, Mail code 3520  
Phoenix, AZ 85004

## Monday

ASU Center for  
Archaeology & Society presents:  
**“Connecting Past and Present:  
Topics in Archaeology”**

Location: ASU West campus

**Children Were There Too:  
The Archaeology of Childhood  
in WWII Internment Camps**

Instructor: April Kamp-Whittaker **Cost \$10**  
1 session: Monday, Feb. 13 | 1:00 – 2:30 p.m.

Archaeologists work to understand past peoples and cultures, but how do they find individuals who are under- or un-represented in the archaeological record? These groups, like children and minorities, make up a large portion of our population, but are often not included in archaeological research. In this lecture, we will focus on the methods historic anthropologists use to locate these groups in the archaeological record, and how this can change our understanding of the past. We will study the material culture, activities, and homes of Japanese Americans interned at a WWII Japanese American internment camp, Amache, in Colorado to look at the dynamic interactions between members of a historic community.

**You Are What You Eat:  
The Social Importance of Food**

Instructor: Sarah E. Oas **Cost \$10**  
1 session: Monday, Feb. 20 | 1:00 – 2:30 p.m.

How do archaeologists examine food in the past? Foodways – the ways we produce, prepare, and consume foods – are an important part of human society and culture. Beyond fueling our bodies, food plays a vital role in our social lives and relationships. This lecture focuses on how archaeologists study foods and food practices in the past. We will discuss several examples from the U.S. Southwest and highlight how studies of food provide a unique lens into past societies on the scale of everyday life and activities.

**Humans, Fire, and  
Environmental Change**

Instructor: Grant J. Snitker **Cost \$10**  
1 session: Monday, Feb. 27 | 1:00 – 2:30 p.m.

In 2015, wildfires burned over 10 million acres in the U.S., and the federal and state governments spent over \$300 million in prevention and suppression. In this context, it is difficult to imagine how fire directly benefits our land, ecosystems, and society. Yet many of the ecological and cultural landscapes we seek to protect from fire are created by and depend on regular burning to be productive. Hunter-gatherer and agricultural communities intentionally set controlled fires to drive game, clear land, engage in warfare, and propagate beneficial plant or animal species. This lecture will explore how archaeologists study these dynamics and explore the long-term relationship between humans, fire, and anthropogenic environments through case studies from Europe, the Americas, and Oceania.

**Lost Worlds of 1863: Relocation and  
Removal of the American Indian in the  
Greater Southwest**

Instructor: Dr. W. Dirk Raat, Professor Emeritus **Cost \$40**  
4 sessions: Mondays, Feb. 6, 13, 20, 27  
10:00 – 11:30 a.m. | Sands Bldg. Classroom

This class will study the relocation and removal policies/activities of the U.S. government and its citizenry (settlers, miners, vigilantes, militias, and volunteers) in the greater Southwest during the mid-19th century. The year 1863 is a hook around which several events can be arranged; it is neither the end nor beginning of Western history. The four-week course will include an overview, the far-west removal (including California mission Indians, Owen Valley Paiutes, Northern Paiutes, and Western Shoshoni), the Arizona experience (including the Navajo Long Walk, the Yavapai removal, the O'odham water wars, and the Apache deportation), and the move from “removal” to “genocide.” Students on an individual basis will be invited to accompany Dr. Raat on a tour of the Southwest Collection of the Heard Museum.



## Judaism and Christianity: Conflict, Challenge, and Celebration

Instructor: Marcie Schoenberg Lee

Cost \$10

1 session: Monday, Feb. 6

1:00 – 2:30 p.m. | Sands Bldg. Classroom

Participants in discussions of two radically different religions, Judaism and Christianity, are often rendered speechless or blurt out things that are insensitive, unthinkingly or unknowingly, in their attempts to engage in meaningful conversation about religion. Not knowing what to say, or resorting to familiar, yet ineffective, expressions of frustration like “I respect your religion, why can’t you respect mine?” “Stop trying to convert me!” or, “Why can’t you just accept Jesus?” curtail – rather than expand – an understanding of the profound theological differences between the two religions. Learning about those substantive differences, and finding the words to articulate them, opens the way for discourse that empowers and harmonizes.

## Dressing up History: What Fashion (and Plain Ol’ Clothing) Can Reveal About the Past

Instructor: Dr. Pamela Stewart

Cost \$20

2 sessions: Mondays, Mar. 6, 13

10:00 – 11:30 a.m. | Sands Bldg. Classroom

Powdered wigs came and went, as did corsets, breeches, layers of petticoats, and even hip-hugging bell-bottoms in eye-burn colors. Why and how does fashion change and how might we use clothing (along with hairstyles, makeup, and accessories) as documents to help us understand historical change? Come discover more about why the clothing of King Louis XIV, George Washington, Abraham Lincoln, Amelia Bloomer, and many more examples have a lot to tell us about the past – and what that information may suggest about the present.

## Kabbalah and Psychology

Instructor: Rabbi Sheldon Wayne Moss

Cost \$10

1 session: Monday, Mar. 6

1:00 – 2:30 p.m. | Sands Bldg. Classroom

A true Jewish mystic is one who marvels in the process of growth, the strengthening of relationships, and the unfolding of creation. Come explore Jewish mysticism as Rabbi Moss links psychological insights with kabbalistic methods in a way that gives insight into ways people can fix their relationship with the world.

## 19th Century Music: The “Romantic” Era

Instructor: Dr. Guy Whatley

Cost \$40

4 sessions: Mondays, Mar. 13, 20, 27, Apr. 3

1:00 – 2:30 p.m. | Sands Bldg. Classroom

Join us as we explore the diverse and expressive music of the 19th century. Composers from Beethoven to Verdi, Schubert to Chopin will be studied. Changes in society and philosophy will be examined alongside visual art and music in an attempt to understand the various forces that shape this extraordinarily creative and transformative period of human history.

## “And If I Perish”: Women on the Frontlines of Revolt, Revolution, and War

Instructor: Dr. Pamela Stewart

Cost \$20

2 sessions: Mondays, Mar. 20, 27

10:00 – 11:30 a.m. | Sands Bldg. Classroom

While many view women’s presence in war as an exception, not the rule, history tends to prove otherwise. Rarely the subject of formal conscription, women nonetheless have often entered war by choice, circumstance, or proximity. Siege warfare, shelling in contested landscapes, barricade erection in city streets – as well as enlistment, have all signified women’s frontline presence. Supply and support have kept armies on the move, yet women’s presence in those arenas tends to be understood as something different than if men do the same jobs. Come learn more about women’s willingness to occupy military space, whether during a short-lived Paris revolt, a Mexican revolution, or as bomber pilots during a world war.

## American Indian Cultural Resources and Sacred Places

Instructor: Dr. Leo KILLSBACK

Cost \$40

4 sessions: Mondays, Apr. 3, 10, 17, 24

10:00 – 11:30 a.m. | Sands Bldg. Classroom

This course examines American Indian cultural resources and sacred places, with special attention to their protection from exploitation and destruction. Students will gain an understanding of what cultural resources and sacred places are, be exposed to historical and current efforts to protect American Indian cultural resources and sacred places, and review any applicable laws and policies (tribal, state, and federal). Upon completing this course students will have a basic understanding of American Indian cultural resources, including material culture, items of cultural patrimony, funerary objects, and ancestral remains. Students will also have a basic understanding of sacred sites, sacred places, and the special relationship that American Indians have to land, water, and nature.

## How Plants Domesticated Humans

Instructor: Dr. Ken Sweat

Cost \$30

3 sessions: Mondays, Apr. 10, 17, 24

1:00 – 2:30 p.m. | Sands Bldg. Classroom

One of the most important events in the history of human civilization is the development of agriculture. The human species learning how to grow and use plants to feed, clothe, and shelter ourselves has led to a deep relationship with the green kingdom. This class will examine the adaptations that this relationship has fostered both in plants and humans. Starting with the roots of local agriculture, the course will examine the human relationship with plants – how it began, where it is today, and what tomorrow might hold.





## Tuesday

### The French Revolutionary Era: A Shift in Power

Instructor: Dr. Robert Niebuhr

Cost \$40

4 sessions: Tuesdays, Feb. 7, 14, 21, 28

10:30 a.m. – noon | Sands Bldg. Classroom

Beginning with the Enlightenment, this course traces the intellectual and political causes of the French revolution of 1789 and proceeds through the Napoleonic Wars, ending with the daunting task of reorganizing Europe. The course explores how the revolutionaries developed their concepts of nation through political ideology, state rites, language, and symbols as well an examination of counter-responses to the new regime's attempts to create a new political identity. We will examine how the French revolutionaries and the reactions set the stage for state power in the 20th century.

### Jerusalem: An Archaeological Look at the Development of a Holy City

Instructor: Rev. Matthew Knopf

Cost \$20

2 sessions: Tuesdays, Feb. 7, 14

1:00 – 2:30 p.m. | Sands Bldg. Classroom

Explore the city of Jerusalem from the ground up. This class takes an archaeological look at the city's ancient development from a small hillside habitation into a bustling religious epicenter. Particular attention will be placed on the region of the Temple Mount and the surrounding area. See the material evidence left behind which helped establish and advance a holy city.

### The Nature of Monstrosity in Mary Shelley's Frankenstein

Instructor: Dr. Annika Mann

Cost \$10

1 session: Tuesday, Feb. 21

12:30 – 2:00 p.m. | Sands Bldg. Classroom

This lecture will investigate the nature of monstrosity in Mary Shelley's "Frankenstein" (first published in 1818, subsequently revised in 1831). We will explore all of the dangerous forces that the unnamed monster of Shelley's "Frankenstein" has been believed to represent, including the unchecked power of science and technology, familial rage and the return of the repressed, the violence of political revolutions, and the growth of the modern working class. Comparing and evaluating these various approaches to monstrosity, we will work to understand and enquire about whether Shelley's monster takes on new meanings in our own cultural moment.

### Picasso, Matisse, and the Steins: The Start of Modern Art

Instructor: Dr. Deborah Robin

Cost \$20

2 sessions: Tuesdays, Feb. 28, Mar. 7

1:00 – 2:30 p.m. | Sands Bldg. Classroom

In the first decade of the 20th century, several powerful and creative personalities converged in Paris and created a revolution in art: Modernism. This two-part series will look at the early work of two modern masters and rivals, Picasso and Matisse. As friends of Gertrude Stein, they attended her salons and scrutinized each other's work – sometimes painting the same subjects. We'll see how the Stein siblings built a momentous modern art collection using the family inheritance, and we'll explore how they created a "market" for this shocking new art by exhibiting it on their living room walls and explaining it to their influential salon guests.

## More Real World Chemistry

Instructor: Dr. Kirstin Hendrickson

Cost \$40

4 sessions: Tuesdays, Mar. 14, 21, 28, Apr. 4

10:00 – 11:30 a.m. | Sands Bldg. Classroom

Chemistry is still more fun than you ever thought it could be! In fact, chemistry is nothing less than what happens inside us and all around us. What's the difference between taste and smell, and why is the information we get from our tongue important to survival? What's the difference between traditional Western medicine and "alternative" medicine, and which is safer and healthier? Does it matter whether we purchase farmed salmon or wild salmon (or for that matter, eat salmon at all) to maintain our health? What is nuclear power, and is it a safe and viable alternative to fossil fuels? The answers to all these questions are rooted in real world chemistry. (Please note: this is part two of the Chemistry in the Real World series.)

### Understanding Relativity: Einstein's Theories Made Relatively Simple

Instructor: Dr. Ahren Sadoff, Professor Emeritus

Cost \$30

3 sessions: Tuesdays, Mar. 14, 21, 28

1:00 – 2:30 p.m. | Sands Bldg. Classroom

Einstein's theories of special and general relativity are considered two of the greatest achievements of the human mind. They are both based on simple principles that logically lead to amazing predictions that have been verified: for example, gravitational waves were observed in 2016 after being predicted in 1916. While most of these phenomena only appear in extreme conditions, they also have effects on our everyday life. For instance, GPS navigation would be useless if both theories were not taken into account, and we can reasonably speculate that the rate of evolution is radically affected. In this course, we will introduce the principles and see how they lead to such phenomena as the relativity of length (length contraction) and time (time dilation) in special relativity and black holes in general relativity.

### What's Your Story? Writing Memoir

Instructor: Dr. Julie Amparano

Cost \$40

4 sessions: Tuesdays, Apr. 4, 11, 18, 25

1:00 – 2:30 p.m. | Sands Bldg. Classroom

We all have stories to tell. Yet, so many times, we don't know how to write them or how to get started. In this memoir course, you will learn how to write about your personal memories, how to help people make sense of them, and understand how and why they were key moments in your life. Author George Meredith once said: "Memoirs are the backstairs of history." Get ready to do a lot of climbing!

### Mayhem and Monsters

Instructor: Kim Kobjek

Cost \$30

3 sessions: Tuesdays, Apr. 11, 18, 25

10:00 – 11:30 a.m. | Sands Bldg. Classroom

Join Kim Kobjek as she takes a look – up-close and personal – at some of the most infamous killers of all time, both past and present. The class will examine all types of murderers including serial killers, spree killers, and other mass murderers. We will dive into the people, their crimes, and what makes these monsters create such mayhem in our societies.



## Wednesday

### ~~Depicting Arizona Birds With Paint or Pastel~~

~~Instructor: Allen Reamer~~

~~Cost \$50~~

~~5 sessions: Wednesdays, Feb. 8, 15, 22, Mar. 1, 8~~

~~10:00 a.m. – noon | Sands Bldg. Classroom~~

~~New and experienced artists alike can produce beautiful and varied paintings and/or pastel drawings of Arizona birds by using oil paints, acrylic paints, tempera paints, watercolor, ink and watercolor, or pastels. The color scheme and composition you use with your paint or pastel affects how a viewer feels about your painting. In addition to learning how to draw Arizona birds, you will learn your color scheme and composition options, with each giving your painting a different "look" or "feel." We will aim to produce one painting or pastel drawing per session.~~

~~This class has been cancelled. Our apologies!~~

### The Smithsonian Institution Art Museums

Instructor: Allen Reamer

Cost \$40

4 sessions: Wednesdays, Feb. 8, 15, 22, Mar. 1

1:00 – 2:30 p.m. | Sands Bldg. Classroom

The Smithsonian Institution, consisting of 19 museums and galleries, is the world's largest museum and research complex. In this course, we will focus on the: Museum of African Art, American Art Museum, American Indian Museum, American Indian Museum Heye Center, Arthur M. Sackler Gallery, Cooper Hewitt, Freer Gallery of Art, Hirshhorn Gallery and Sculpture Garden, Portrait Gallery, and Renwick Gallery. After covering a brief history of Smithsonian and the Smithsonian Institution, we will "tour" these Smithsonian art museums, covering the architecture and collections of these museums. Each museum has a unique history and an extensive collection; therefore, this will be an overview of the collections with some in-depth talk about a handful of objects. We will continue from museum to museum, collection to collection, until we run out of time.

### Before St. Patrick: Pre-Christian Myths and Legends of Ancient Ireland

Instructor: Dr. Sharonah Fredrick

Cost \$10

1 session: Wednesday, Mar. 15

10:00 – 11:30 a.m. | Sands Bldg. Classroom

The world of Celtic folklore, and the gods and goddesses who later become known as Catholic saints, lies at the base of Ireland's rich and ancient literature. In this class, we will discover the overlap between prose and oral storytelling, and see how the Bardic tradition of Ireland managed to fuse different conceptions of the universe into one conflicting, and fascinating, mixture.

### Hamlet, Prince of Denmark

Instructor: Dr. Marsha Fazio

Cost \$40

4 sessions: Wednesdays, Mar. 15, 22, 29, Apr. 5

1:00 – 2:30 p.m. | Sands Bldg. Classroom

The moody Prince of Denmark: impulsive and contemplative, possibly insane, haunted by a ghost, and the unlikely protagonist with whom modern readers and playgoers most identify. As we look at the character of Hamlet, Shakespeare's longest role, and the characters he interacts with, we will explore how and why "The Tragedy of Hamlet, Prince of Denmark," created four centuries ago, still speaks to us today.

**ASU** ARIZONA STATE UNIVERSITY

Nestled in the historic Hedgpeth Hills on the edge of Phoenix, the Deer Valley Petroglyph Preserve serves as a gateway to southwest archaeology and Arizona's rich cultural past. Through self-guided and guided tours experience a secluded nature trail with over 1500 ancient petroglyphs, as well as unique museum exhibits, workshops, demonstrations and special events.

[shesc.asu.edu/dvpp](http://shesc.asu.edu/dvpp) | 623-582-8007



Deer Valley  
Petroglyph Preserve

CENTER FOR ARCHAEOLOGY & SOCIETY  
SCHOOL OF HUMAN EVOLUTION & SOCIAL CHANGE

**ASU KERR** CULTURAL CENTER

ARIZONA STATE UNIVERSITY

Discover jazz, classical, world music, storytelling and eclectic programs in a one-of-a-kind, historic adobe venue in Scottsdale.

Osher students enjoy \$10 student pricing or special discounts on ASU Kerr's Featured Artist shows.



Call the box office at 480.596.2660 or visit [asukerr.com](http://asukerr.com) for show schedule.

Tim Trumble

### historic events.



ASU Kerr Cultural Center  
6110 N. Scottsdale Rd.  
Scottsdale, Arizona

### Planning a party?

Wow your guests with ASU Kerr's rustic, versatile studio. You deserve a historic event!

Call or email 480.213.0997 [rental@asukerr.com](mailto:rental@asukerr.com)

## Reach for the Stars: Exploring Space Up-Close

Instructor: Dr. Sian Proctor

Cost \$40

4 sessions: Wednesdays, Mar. 22, 29, Apr. 5, 12  
10:00 – 11:30 a.m. | Sands Bldg. Classroom

Come join Dr. Sian Proctor as she explores the known and unknown reaches of space through anecdotes, scientific research, and interactive class discussions. What does it take to apply for the NASA astronaut program? What will it take for humans to survive and thrive on Mars, the “red planet”? Are we alone, and if we are not, how do we search for life beyond our planet? What do large observatories, with telescopes pointed into deep space and clear skies, look like? Discuss all of these topics and more as Dr. Proctor gives unique insight through her experiences applying for the NASA astronaut program, participation in a four month Mars simulation and a reality TV science documentary, and travels to the Atacama desert in South America.

## An Illiterate Cowherd and the First Translation of the Bible Into English

Instructor: Dr. Robert Bjork

Cost \$10

1 session: Wednesday, Apr. 12

1:00 – 2:30 p.m. | Sands Bldg. Classroom

Professor Bjork will first focus on the inherent difficulties of translating from one language to another; these difficulties arise largely from cultural and lexical differences, and are more apparent and complicated looking back in history. He will then turn to the history of the English language and the place where the Bible first entered it in the seventh century. The discussion will conclude by exploring how the Bible was assimilated into Anglo-Saxon culture found in Britain and how the meeting of the Bible and Anglo-Saxon culture notably transformed both. An analysis of “Cædmon’s Hymn” in the original Old English will be of central concern.

## Southwest History Through the Music of Aaron Copeland

Instructor: Dr. Lou-ellen Finter

Cost \$10

1 session: Wednesday, Apr. 19

10:00 – 11:30 a.m. | Sands Bldg. Classroom

Join Dr. Finter as she shares a glimpse into Southwest history through the examination of the music of Aaron Copeland. Copeland, recipient of the Academy Award, Pulitzer Prize, and several other awards for musical compositions, wrote “Billy the Kid Suite” and “Rodeo,” two ballet scores that perfectly describe the beauty and history of the American West. Students will gain insight to the prehistory, culture, and music of this magnificent musical landscape through an examination of these two scores.

*“Thanks for all you do to make the educational experience so diverse, rewarding, and fun! It’s such a pleasure being part of the experience. I look forward to many more semesters of wonderful learning and broadening horizons with a great group of folks.”*

— Susanne



## ASU West campus

4701 W. Thunderbird Rd.  
Glendale, AZ 85306  
602.543.6440

Sally Underwood, Coordinator  
Email: [sally.underwood@asu.edu](mailto:sally.underwood@asu.edu)  
Website: [lifelonglearning.asu.edu/west](http://lifelonglearning.asu.edu/west)

All classes are held at the ASU West campus unless otherwise noted. Room locations will be emailed to you prior to the class start date.

### Parking

Due to a NEW “pay-by-plate” parking system implemented at the ASU West campus, all visitors, including OLLI members, are required to pay for their parking upon arrival in Lot 12 North Zone. To use the parking system, park your car in any open space in Lot 12 North Zone, previously known as Visitor Lot 12, and walk to a “pay-by-plate” parking kiosk. Press the keypad to activate the screen, enter your license plate number, select the number of hours you will be on campus, and use a MasterCard, Visa, or cash to pay for parking. When using cash, please note that the machine is unable to provide change and cannot accept bills larger than \$10. You will receive a \$3 parking discount for each class session at the time of class registration. The new system does not allow OLLI to provide complimentary all-day parking.

**Please remember to pay for your parking when you arrive on the West campus and have your license plate number handy!**

### Registration

Register online at [lifelonglearning.asu.edu/registration](http://lifelonglearning.asu.edu/registration) and pay with a credit card, or call the OLLI at ASU office at 602.543.6440. Registration is required for all offerings and free events.

### Refund Policy

Membership fees are nonrefundable. Class/series fees are nonrefundable, except in the event a class/series is cancelled. In this case, the applicable fee will be refunded at the close of the semester.



## Monday

### Arizona Opera Previews

Instructor: Joshua Borths

Free

2 sessions: Mondays, Feb. 20, Mar. 27

11:30 a.m. – 12:30 p.m. | Arizona Opera Center

1636 N. Central Ave. (Education Room), Phoenix 85004

Register for individual sessions, one or both. Osher members are invited to the Arizona Opera Center to preview the upcoming operas: “Riders of the Purple Sage” (Feb. 20) and “La Cenerentola” (Mar. 27).

## Wednesday

### Choice and Responsibility: An Introduction to Homer’s “The Iliad”

Instructor: Dr. Myles Lynk

Cost \$40

4 sessions: Wednesdays, Feb. 15, 22, Mar. 1, 8

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

Art illuminates life. In this class we will undertake a close reading and analysis of “The Iliad” and its mythological context, focusing on the conflict between personal validation and social responsibility faced by three of the poem’s leading male characters, Achilles, Agamemnon, and Hector. The dilemma of social power despite personal vulnerability faced by three of the leading female characters in the poem, Thetis, Helen, and Andromache, will also be discussed. No prior knowledge of “The Iliad” is required; the class will read the poem (Richmond Lattimore’s translation is preferred) over the four weeks of the course.

### Bebop and Beyond

Instructor: Dr. Jeffrey Libman

Cost \$30

3 sessions: Wednesdays, Mar. 15, 22, 29

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

We will examine small-group jazz created in the 1940s and 1950s, starting with the bebop revolution of the mid-1940s. This class is intended for jazz aficionados and those who would like to learn more about jazz. It will consist primarily of active listening to exemplary recordings of bebop jazz and beyond with interspersed guided discussion. Instruments are not required! Come learn about and listen to the music of Charlie Parker, Dizzy Gillespie, Miles Davis, Thelonious Monk, John Coltrane, and others.

*“I love Dr. Libman’s enthusiasm and the love he has for jazz. It is such a wonderful experience to be in his class.”*

— Elizabeth

*“Dr. Libman is a motivating instructor. His passion for the courses he teaches is evident. He has brought the history of jazz to many new students...”*

— Manny

## Thursday

### The Chemistry and Science of Plants: Desert Potpourri

Instructor: Dr. Kirstin Hendrickson

Cost \$30

3 sessions: Thursdays, Feb. 9, 16 or 23, Mar. 2

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135 and Desert

Botanical Garden, 1201 N. Galvin Parkway, Phoenix 85008

In this class, we will study plant chemistry and the science of desert plants. A little knowledge of chemistry can help the home horticulturalist encourage non-adapted species to flourish. We will explore a few tips and tricks for successful home gardening in the Valley and the science of some of our local venomous critters, both reptilian and arthropod. The class will include a walking tour led by Dr. Hendrickson and admission to the Desert Botanical Garden. Comfortable shoes, a hat, sunscreen, and bottled water are recommended. Enrollment is limited to 30: half of the class will attend the Desert Botanical Garden tour on Feb. 16, and the other half will attend on Feb. 23. Please be prepared to select which date, or both, you prefer at the time of registration.

### Planted at the Scene of the Crime: The Science of Forensic Botany

Instructor: Dr. Ken Sweat

Cost \$30

3 sessions: Thursdays, Feb. 9, 16, 23

1:00 – 2:30 p.m. | Mercado, Bldg. C, Room 135

This course will examine the use of plants and other organisms such as algae and fungi, which are traditionally grouped with plants, as evidence in criminal investigations. Starting with the wood grain of the ladder left at the Lindbergh residence and continuing into modern genetic techniques, we will review how plant evidence has been used in the past, and can be expected in the future, to help solve crimes, prosecute the guilty, and free the innocent.

### Arts-and-Crafts, Art Nouveau, and Art Deco: Which is Which?

Instructor: Dr. Beverly Brandt, Professor Emerita

Cost \$40

4 sessions: Thursdays, Mar. 9, 16, 23, 30

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

Do you love to watch the television series “Antiques Roadshow”? Do you have trouble distinguishing one style from another? If so, this course is for you! It will consider the Arts-and-Crafts movement, Art Nouveau, and Art Deco, and examine representative furnishings and interiors from each. Background will be provided on each style or movement, explaining how and why it came to be, and how to recognize key design traits, such as: form and line, color palette, patterns, textures, and motifs. By the end, you’ll know much more about antique examples from the 1860s to the 1930s.

## Master American Painters

Instructor: Allen Reamer

Cost \$40

4 sessions: Thursdays, Mar. 9, 16, 23, 30

1:00 – 2:30 p.m. | Mercado, Bldg. C, Room 135

America has produced “master” painters who depict their society’s values and/or their values. These depictions produce specific art movements, schools, and styles. We will cover American painters within these art movements and styles. In addition to discussing what these painters depict or express, some specific paintings of each artists will be discussed in detail. We will begin with the Colonial Art Masters and continue to the Modern Art Masters of America.

## Science in Shakespeare's World

Instructor: Dr. Kirstin Hendrickson

Cost \$10

1 session: Thursday, Apr. 6

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

Shakespeare lived during the scientific revolution, a time of incredible evolution and advancement of scientific understanding. For the first time, academics were writing in English vernacular rather than the traditional Latin, which made these revolutionary discoveries available to the average educated individual rather than solely the university elite. Shakespeare was among those who took advantage of this. From praise for Galileo hidden in Cymbeline to the possibility that one of his plays is written entirely as an allegory for the move from a Ptolemaic to a Copernican understanding of the cosmos, Shakespeare’s writing is full of evidence of his scientific awareness. This class is designed for both lovers of literature and aficionados of science alike, and one thing is certain: you will never look at Hamlet the same way again!

## Visions of Hell

Instructor: Dr. Sharonah Fredrick

Cost \$10

1 session: Thursday, Apr. 6

12:15 – 1:45 p.m. | Mercado, Bldg. C, Room 135

Ideas of the underworld vary greatly across civilizations, and not all of them are dire. Many interpretations of the down-under here-after are sometimes unexpectedly humorous, some are sensual, and many are not eternal. This class will explore the competing visions of the Mayan, Norse, Mediterranean, and Hindu sub-worlds, and contrast the very different messages which these locations present to their respective worshippers.

## Grief, Death, and Dying

Instructor: Denise Beagley

Cost \$10

1 session: Thursday, Apr. 13

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

In this class, we will explore how to become aware of self and others’ personal assumptions, biases, attitudes, and reactions to grief, death, and dying. The hope is to increase death competency and lower death anxiety in order to help oneself and others with increased sensitivity, empathy, awareness, and skills in the following areas: coping with loss and bereavement, supporting others in their struggle to deal with death issues, and finding meaning and personal growth through encounters with death, loss, and grief.

## So You've Been Asked to Plan a Community Event

Instructor: Dr. Wendy Hultsman

Cost \$20

2 sessions: Thursdays, Apr. 13, 20

12:15 – 1:45 p.m. | Mercado, Bldg. C, Room 135

When asked to plan a community event, are your first thoughts “Help! Where do I start?”? This interactive class will introduce you to the necessary steps to prepare a well-organized community event such as hosting a potluck fundraiser, holding a neighborhood association meeting, or running a craft bazaar. Dr. Hultsman will share with you many useful resources and will lead exercises to get you started. Come prepared to work hard and have fun with other Osher members!

## Western Democracy as the Byproduct of a Series of Tax Disputes

Instructor: Adam Chodorow

Cost \$10

1 session: Thursday, Apr. 27

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

This class will trace the development of Western democracy from the Magna Carta, a “charter of liberties” from the early 13th century in England, through the U.S. Constitution. The historical developments discussed will reveal that much of the driving force behind the demand for political participation, constitutions, and peace treaties has stemmed from the government’s efforts to tax the people.

## Marijuana: From Mana to Mass Hysteria to Medicine to Munchies

Instructor: Dr. Ken Sweat

Cost \$10

1 session: Thursday, Apr. 27

1:00 – 2:30 p.m. | Mercado, Bldg. C, Room 135

Arizona today is one of many states that has legalized marijuana for medical use, and the plant was again in the news last fall when the proposition to legalize the recreational use of marijuana appeared on the ballot in Arizona. With a history as old as civilization, from ancient shamans to blues musicians to the modern indoor growing facility, the plant has been strongly shaped by its relationship to humans. In this class, we will explore this history, including the modern events that have lead us to the place we are today.

## Friday

### Your Brain on Art

Instructor: Dr. Jay Braun, Professor Emeritus

Cost \$20

2 sessions: Fridays, Feb. 10, 17

12:15 – 1:45 p.m. | Mercado, Bldg. C, Room 135

Artists make vivid use of the way the brain processes information without actually having any idea what is going on “up there.” Neuroscience may look at artistic products and wonder what the secret is behind the artistic expression. What is behind the impression of depth in a two-dimensional drawing? What allowed Seurat to create an entire palette of color from little dots of red, green, and blue? What accounts for the uncanny ability of Picasso to portray specific individuals and ideas with so few lines and contours? These and other questions addressing the unspoken collaboration between art and neuroscience will be illuminated. “Art raises questions and leads us to look at the world in different ways.”



## Kabbalah: The Tree of Life

Instructor: Dr. Sharonah Fredrick

Cost \$10

1 session: Friday, Feb. 17

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

The use of the sacred World Tree is common to many religions, from the Norse to the Celtic to Sephardic Jewish mystical texts of the late Middle Ages. This class will study the meaning of the Kabbalistic Tree of Life in terms of the philosophical values that it represents, and its parallels with other world literature. The tree's significance within later Jewish mysticism will also be explained.

## Happily (N)ever After: The Cruel Optimism of Disney's Vision of Romantic Love

Instructor: Dr. Jennifer Sandlin

Cost \$10

1 session: Friday, Feb. 24

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

We will explore how Disney's vision of romantic love, seen most clearly in Disney Princess films, teaches women about an emotional bond of "cruel optimism," where women become attached to fantasies of happiness and fulfillment that are unsustainable and detrimental. We will discuss how Disney's idea of romantic love, which is positioned as the primary means to happiness, coupled with our enduring emotional attachments to that ideal, reinforces traditional gender roles and heteronormative relationship standards grounded in ideologies of white middle-class American heterosexual love and marriage.

## Crusader for Justice: The Fiery, Fearless Ida B. Wells (1862-1931)

Instructor: Dr. Pamela Stewart

Cost \$20

2 sessions: Fridays, Feb. 24, Mar. 3

12:15 – 1:45 p.m. | Mercado, Bldg. C, Room 135

Before Rosa Parks or Homer Plessy refused to give up their seats or "investigative journalism" existed, Ida B. Wells did both. Her "crusade for justice" set in motion tactics still used today in fights for equality in the United States and around the world, yet few are familiar with her name. Come discover the teacher, journalist, editor, wife, mother, and trans-Atlantic spokesperson who was described repeatedly as militant, courageous, determined, impassioned, and aggressive, despite beginning her life enslaved.



## Heartbeat of the People: Understanding American Indian Cultures Through Music

Instructor: Gregory Hansen

Cost \$10

1 session: Friday, Mar. 10

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

Music has always been at the heart of native cultures. This interactive presentation begins with a traditional Ponca Flag Song, and from there, various traditional social songs will be rendered with song meanings, formats, and musical structures conveyed and discussed. Students are given the opportunity to handle traditional instruments such as drums, flutes, and rattles while listening to stories about how they are made and their meanings. The unique cultural journey of the class, focusing on oral and musical American Indian communication, is concluded with a moving Ponca Quitting Song.

## Radical Rebellions: The Poetry of Social Revolution America

Instructor: Dr. Rosemarie Dombrowski

Cost \$40

4 sessions: Fridays, Mar. 10, 17, 24, 31

12:15 – 1:45 p.m. | Mercado, Bldg. C, Room 135

From Emerson, Thoreau, and Whitman to the early suffragists, the Beats to the Mimeo Movement, the Black Arts to the Second Wave of Feminism, this class will explore the poetic texts and schools that rocked the underground, eventually creating waves of civil disobedience that rippled through the heart of American society. If you've ever wondered where Bob Dylan's ideology originated, look no further than the rebellions and revolutions that were incited by poets!

## Treasures Hidden in Plain Sight: Searching for Evidence of the Valley's Ancient Residents

Instructors: Dr. Vincent Waldron

Cost \$30

and Pueblo Grande Museum Docent

3 sessions: Fridays, Mar. 17, 24, 31

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135 and Pueblo Grande Museum, 4619 E Washington St., Phoenix 85034

Our "Valley of the Sun" was occupied for many hundreds of years by ancient farmers known as the Hohokam. Evidence of their mysterious and once-thriving civilization can be found all around us in the form of canals, rock art, and habitation sites. These are treasures hidden in plain sight! This course will introduce you to the Hohokam and the many local museums, parks, and archeological sites where you can learn more. The series fee of \$30 includes two classroom sessions, along with admission and a tour led at Pueblo Grande Museum by a museum docent on Mar. 31.



This class is dedicated to our beloved OLLI at ASU instructor Debbie Schwartz, who tragically passed away in May 2016.

## The Persistence of Romanticism in Contemporary Culture

Instructor: Dr. Mark Lusser

Cost \$10

1 session: Friday, Mar. 3

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

The period known as Romanticism and its writers continue to exert an animating presence in shaping contemporary culture, and this class will explore the traces of this perennial philosophy in the art, literature, and cinema of our current moment. The most overt trace of this influence remains Mary Shelley's "Frankenstein," along with the novels of Jane Austen and the art and poetry of William Blake continue to find advocates and aficionados in current culture.

This class has been cancelled. Our apologies!

## Phoenix: Where We Were, Where We Are, and Where We Are Going

Instructor: Colin Tetreault

Cost \$10

1 session: Friday, Apr. 7

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

The city of Phoenix – a bustling and vibrant epicenter – has a blossoming, sustainable, and successful future. In this class, you will learn where Phoenix has been, where we are, and where we are going. By using a lens of sustainability, you will be able to understand the pinch and pain-points of a vibrant desert city. This framework will also allow you to critically examine other locations around the world for how sustainable they are.

## Islam, the Religion

Instructor: Dr. Mirna Lattouf

Cost \$40

4 sessions: Fridays, Apr. 7, 14, 21, 28

12:15 – 1:45 p.m. | Mercado, Bldg. C, Room 135

In this session, we will discuss the rise of Islam, its founder, the prophet Muhammad, and the revelations he received and which are the basic orthodox principles and tenets of the religion. We will also touch on the development of the mystical philosophy of Islamic thought, Sufism, and its message. Join us for Dr. Lattouf's popular introductory class!

## Once Upon a Time in a Different World: Representation, Controversy, and Celebration in African American Children's Literature

Instructor: Dr. Neal Lester

Cost \$10

1 session: Friday, Apr. 14

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

Do the mirrors of society really mirror society? What and where are the mirrors? Are the mirrors distorted or are the subjects reflected distorted? This presentation looks at various representations of black and white children and childhood in diverse literary and popular culture texts. From "Dick and Jane" readers to "Little Black Sambo" and "Darkie" toothpaste, this presentation argues that children's texts are a viable vehicle for multicultural celebration and understanding. It further demonstrates the extent to which children are inherently caught up in the world of adult politics regarding aesthetics of beauty and values associated with self-worth.

## Exotic Asia: A Travelogue on Where to Go and What to See

Instructor: Dan Fellner

Cost \$20

2 sessions: Fridays, Apr. 21, 28

10:15 – 11:45 a.m. | Mercado, Bldg. C, Room 135

Are you thinking of taking your next vacation to the exotic, diverse, and intriguing continent of Asia? From bustling Hong Kong, to the opulent Grand Palace of Bangkok, to the world's tallest building in Dubai, to the slums of Mumbai, this course will explore the culture, cuisine, and customs of this fascinating region. Dan Fellner will share his experiences and observations from his extensive travels to diverse countries such as Vietnam, Myanmar, India, Thailand, and Indonesia.



## ASU Downtown Phoenix campus

### Office Location:

502 E. Monroe St., Mercado, Bldg. C, Room 113  
Phoenix, AZ 85004  
602.496.1191

Mikulas "Nick" Pstross, Coordinator

Email: [Mikulas.Pstross@asu.edu](mailto:Mikulas.Pstross@asu.edu)

Website: [lifelonglearning.asu.edu/downtown](http://lifelonglearning.asu.edu/downtown)

All classes are held at the ASU Downtown Phoenix campus, unless otherwise noted.

### Parking

Public and ASU parking lots are conveniently located around the campus. We offer our members discounted parking in Heritage Garage. Contact our coordinator, Nick Pstross, at 602.496.1191 for parking information, or relax and enjoy the ride on the light rail or bus!

### Public Transportation

For your convenience, we encourage you to use the Valley Metro light rail or bus. Rail and bus stops are within walking distance of most classrooms. Visit [valleymetro.org](http://valleymetro.org) to plan your ride to campus.

### Registration

Register online at [lifelonglearning.asu.edu/registration](http://lifelonglearning.asu.edu/registration) and pay with a credit card, or call the OLLI at ASU office at 602.543.6440. Registration is required for all offerings and free events.

### Refund Policy

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## Monday

### **“The Most Powerful Woman in America”: Eleanor Roosevelt’s Life and Legacy**

Instructor: Dr. Pamela Stewart

Cost \$10

1 session: Monday, Feb. 6

10:30 a.m. – noon | Connections Program Room

For over 30 years, Americans deemed Eleanor Roosevelt the most powerful woman in America. Voted “most admired woman in the world” 11 times in a row, her lifetime (1884-1962) saw tremendous change for the U.S., the world, and women. As she noted: “There was a time when no one asked: ‘What will women think about this?’ Now that question comes up often.” Come discover how much this Roosevelt affected countless pieces of legislation, fought fascism and racism, and helped determine the basic definitions of human rights.

### **Practical Introduction to General Relativity and Gravity Waves**

Instructor: Dr. Richard Jacob, Professor Emeritus

Cost \$40

4 sessions: Mondays, Feb. 6, 13, 27, Mar. 6 (no class Feb. 20)

1:00 – 2:30 p.m. | Connections Program Room

This course is designed for students who, while not necessarily trained in the sciences, have sincere curiosity about Einstein’s most ingenious contribution to modern science. It is taught at the university general studies level and has no mathematics or physics prerequisites beyond that ordinarily required for high school graduation. New concepts will be carefully introduced. This is not a course in “practical” applications of general relativity (although there are some that will be discussed), but rather a practical approach to the subject of general relativity and gravity waves.

### **Neuroscience and Artistic Expression: Paintings Through the Eyes and Brain of the Artist**

Instructor: Dr. Jay Braun, Professor Emeritus

Cost \$10

1 session: Monday, Feb. 27

10:30 a.m. – noon | Connections Program Room

Picasso once said: “What I see is what you get.” So what role do visual and neurological problems have in artist expressions? Are there insights into visual issues (e.g. macular degeneration) or neurological issues (e.g. schizophrenia) that may be revealed by analyzing paintings and drawings of great artists such as Claude Monet, Rembrandt, and others? To what degree might mental problems be reflected in artistic products? Join us as we look at art in a whole new way!

## Civility and Civil Dialogue

Instructor: Dr. Clark Olson and Jennifer Linde

Cost \$40

4 sessions: Mondays, Apr. 3, 10, 17, 24

10:00 – 11:30 a.m. | BRIC Meeting Room, Library Main Floor

After enduring more than a year of divisive public debate about the political campaign of 2016, people often feel helpless when engaging in political discussions. If you yearn to discuss “hot topics” with a “cool head” this class will expand your understanding and capability of modeling civility! Through the distinct format of “civil dialogue,” we will practice skills for becoming a more engaged citizen and learning how to engage in substantive conversations without divisiveness; we will focus on topics important to class members.

## Beethoven: A Towering Genius

Instructor: Dr. David Schildkret

Cost \$40

4 sessions: Mondays, Apr. 3, 10, 17, 24

10:45 a.m. – 12:15 p.m. | Connections Program Room

There is perhaps no more influential figure in all of music than Ludwig van Beethoven; no composer has ever had a more profound effect on everything that followed. He fundamentally changed the way composers think about music and almost single-handedly defined musical Romanticism. This class looks at how Beethoven transformed the nature of music. We will examine representative works, including several of the symphonies, and will conclude with the “Mass in C,” which will be performed at ASU Gammage Auditorium on April 27. The performance is free.

## Tuesday

### **“Heavy Is the Head That Wears the Crown”: Shakespeare and Sovereignty**

Instructor: Heather Ackerman

Cost \$50

5 sessions: Tuesdays, Feb. 7, 14, 21, 28, Mar. 7

10:30 a.m. – noon | Connections Program Room

In 1601, Shakespeare’s career was nearly cut short after his theater company staged the ostensibly pro-usurpation “Richard II” right before the ill-fated Essex Rebellion. While the players were released after questioning, their patrons were punished for trying to stir the people to defect. As this example demonstrates, Shakespeare’s plays were actively involved in politics: they reflected contemporary conditions, imagined alternative modes of rule, and were seen as a tool for change. In this five-week seminar we will enjoy some of Shakespeare’s best plays, including “Julius Caesar,” “Henry IV, Part I,” “Macbeth,” “As You Like It,” and “The Tempest,” while contemplating questions about power, authority, social provisos, and civil rights.



## **Hardscrabble vs. Tidewater**

**Instructor:** Michael Kenney

**Cost** \$10

**1 session:** Tuesday, Feb. 14

**1:00 – 2:30 p.m. | Connections Program Room**

General Ulysses S. Grant and General Robert E. Lee were the embodiment of two distinct 19th century American ways of life that were on an inevitable collision course. We will examine the extraordinary differences and similarities of these two ferociously dedicated leaders that shaped both the conduct of the Civil War and the country's eventual reunification. A multimedia presentation along with readings will bring these giants to life.

## **The French Under German Occupation, 1940-1944**

**Instructor:** Dr. Jeanne Ojala, Professor Emerita

**Cost** \$40

**4 sessions:** Tuesdays, Mar. 7, 14, 21, 28

**1:00 – 2:30 p.m. | Connections Program Room**

On June 17, 1940 Marshal Petain, by radio, informed the French citizenry that fighting their German occupiers had ended; an armistice had been signed. However, General Charles De Gaulle vowed to carry on the struggle. What led to this debacle, who was responsible for this national humiliation, and how did the French react to the German occupation? The fate of French Jews, the role of the Catholic Church, French intellectuals, and leaders of business and industry reveal a complicated relationship between the occupiers and the vanquished. How and why was the occupation of France so different from those in Poland and other European countries? Charles De Gaulle emerged as a major figure in the future of France as a hero, autocrat, and architect of the current Fifth Republic in France.

## **Variations on “The Lively Experiment”: A Look Into Religious Diversity in America**

**Instructor:** Dr. Keith Crudup

**Cost** \$60

**6 sessions:** Tuesdays, Apr. 4, 11, 18, 25, May 2, 9

**1:30 – 3:00 p.m. | Connections Program Room**

What sense can we make of competing claims of America being a Christian nation to growing numbers of “nones” (those claiming no religious affiliation)? Moreover, what about SBNR’s – the “Spiritual But Not Religious” folks – to Islam being the fastest growing religion within our shores? How does one grapple with Hinduism being the second largest religion in Arizona? Disestablishment, Voluntarism, and Denominationalism have revealed a fascinating interplay between religious tolerance and intolerance, mixed with moments of religious engagement. This course will provide a brief overview of some of these dynamics of religious diversity and interplay within the United States.

## **The Chemistry of You**

**Instructor:** Dr. Kirstin Hendrickson

**Cost** \$40

**4 sessions:** Tuesdays, Apr. 11, 18, 25, May 2

**10:30 a.m. – noon | Connections Program Room**

Come explore the chemistry that takes place inside your body. Forget smelling formalin as you crouched over a fetal pig in high school biology, forget the mind-numbing memorization of cellular structures and functions: the chemistry of the human body is a trip down the rabbit hole to Wonderland, more beautiful and amazing than you could ever have imagined. As we study muscle contractions, hormones, the chemistry of pain, the information we get from the way other people smell, and more, you will gain a new appreciation for the awesome machine you walk around in, delivered in Dr. Hendrickson's characteristic “often irreverent, always relevant, oh-so-much-fun” style.

## **Wednesday**

### **Political Origins: Greek and Roman Political Thought**

**Instructor:** Dr. Brian Blanchard

**Cost** \$60

**6 sessions:** Wednesdays, Feb. 15, 22, Mar. 1, 8, 22, 29

**(no class Mar. 15)**

**1:00 – 2:30 p.m. | Connections Program Room**

Many of the concepts and doctrines that inform our political awareness were first developed by political philosophers from ancient Greece and Rome. In this course, we will revisit the problems, arguments, and controversies that preoccupied these political thinkers. What is justice, and how do we achieve it? What is the best form of government? What does it mean to be a citizen? Should we always obey the law, and why? We will consider all of these issues as we trace the evolution of politics from the “dark ages” of Greece to the rise and fall of Rome.

### **Nothing: The Paradoxical Truth About Art That Appears Devoid of Content and Meaning**

**Instructor:** Dr. Henry Leo Schoebel

**Cost** \$10

**1 session:** Wednesday, Apr. 19

**1:00 – 2:30 p.m. | Connections Program Room**

There are absurd works of art that remain incomprehensible, even in spite of our attempts to understand them. There are works of art that seem empty of content and meaning, and despite all our efforts to see them as something, they look like nothing. Dr. Schoebel will discuss paintings of the mid-20th century artists including Barnett Newman, Mark Rothko, Jackson Pollock, Morris Louis, Franz Klein, and more. Dr. Schoebel will share a few stories about “nothing,” mention a number of myths about “nothing,” and outline a few scientific theories about “nothing.” He will even attempt to persuade you to see nothing when there is actually something. All this in an attempt to convince you that “nothing” is “something.”

## **Thursday**

### **A Brief Look Into Indigenous Religions**

**Instructor:** Dr. Keith Crudup

**Cost** \$40

**4 sessions:** Thursdays, Feb. 2, 9, 16, 23

**1:30 – 3:00 p.m. | Connections Program Room**

Dancing, drumming, totem poles, and sacred pipes are found in indigenous religions. Then there are the colorful costumes, masks, body markings, creation myths, and trickster tales. Who are the Shamans, Medicine-Men, Mediums, Rainmakers, and other specialists that channel the Sacred? What was once called “primitive religions” comprises only four to six percent of the world's population, but nonetheless has captured the imagination and religious practices of many in our post-modern world. This course will offer a brief outsider's peek into the fascinating beliefs and practices of various tribal cultures.



## The Dutch Masters

Instructor: Allen Reamer

Cost \$40

4 sessions: Thursdays, Feb. 9, 16, 23, Mar. 2

10:00 a.m. – noon | Connections Program Room

In this course we will look at the Dutch “Golden Age” of painting, the time from 1585 to 1717. We will look at how Rembrandt, Vermeer, Hals, Steen, and other Dutch painters portrayed their land and society with concern for realism. We will see that artists and buyers preferred certain themes and these choices tell stories about the Dutch Republic and the people who lived in it.

## Martin Luther: Understanding the Christian God

Instructor: Rev. Matt Knopf

Cost \$30

3 sessions: Thursdays, Mar. 9, 16, 23

10:30 a.m. – noon | Connections Program Room

Examine the theological progression of Martin Luther through his seminal thought process that shaped the Protestant Reformation. Learn about the 16th century German professor and his revolutionary desire to help others understand their faith. This course will focus on Luther’s understanding of the Christian gospel, including Luther’s pivotal Romans revelation.

## Cognitive Biases: Why the Instincts That Kept Our Ancestors Alive Lead Us to Make Poor Decisions

Instructor: Dr. Kirstin Hendrickson

Cost \$10

1 session: Thursday, Mar. 30

10:30 a.m. – noon | Connections Program Room

Despite the fact that the world has changed drastically, human brains have not evolved to any significant degree over the last 50,000 years. In trying to make sense of the challenges and problems associated with the modern world, we are in essence running “new software with 50,000 year-old hardware,” which leads to a variety of problems. As we make decisions (what should I eat, should I get vaccinated for the flu, should I trust a news article), we are literally battling with our instincts. In this class, Dr. Hendrickson will present a variety of cognitive biases built into the human brain and address how they negatively impact decision-making with her characteristic “always relevant, often irreverent, and so much fun you’ll forget you’re learning” style.



## My Favorite Movies: Crime Films Edition

Instructor: Kevin Sandler

Cost \$50

5 sessions: Thursdays, Apr. 13, 20, 27, May 4, 11

10:00 – 11:30 a.m. | Connections Program Room

This class examines five classic crime films from five different decades of American cinema. “Scarface” (Howard Hawks, 1931) presents a loosely-based narrative of the rise and fall of Al Capone. “High Sierra” (Raoul Walsh, 1941) is a classic studio system gangster film with the breakthrough role of Humphrey Bogart’s career. “Kiss Me Deadly” (Robert Aldrich, 1998) features a rare combination of science-fiction and paranoia. “Point Blank” (John Boorman, 1967) merges film noir conventions with modernist European art cinema for a brutal revenge tale with Lee Marvin. “The Conversation” (Francis Ford Coppola, 1974) is a paranoid crime thriller starring Gene Hackman about the role of technology in the era of Watergate. All of these are available on DVD or through streaming services; students are asked to watch the films before class.

## A Geological Narrative of Arizona and the Southwest

Instructor: Dr. Steve Semken

Cost \$50

5 sessions: Thursdays, Apr. 13, 20, 27, May 4, 11

2:00 – 3:30 p.m. | Connections Program Room

In this course, we will apply basic principles of earth science to investigate the rocks and landscapes of Arizona and the Southwest in order to decipher the stories they encode and to interpret the geologic history, scenery, resources, dynamic processes of change, and natural hazards of the complex and fascinating desert and mountain region we inhabit and love.

## Friday

### Bill of Rights History Talks: Our 2<sup>nd</sup>, 8<sup>th</sup>, and 9<sup>th</sup> Amendments

Instructor: Robert McWhirter

Cost \$40

4 sessions: Fridays, Feb. 24, Mar. 3, 10, 17

1:00 – 2:30 p.m. | Connections Program Room

Join us as attorney and author Robert McWhirter brings to life the Second, Eighth, and Ninth Amendments. When looking at the Second Amendment, we will discuss the idea that guns are integral to the American myth. How does and should this history influence the law? Who did the Framers intend to have guns? The Eighth Amendment brings up questions of how we deal with crime, punishment, and death, and why the Framers created the strange coupling of “cruel and unusual” punishment. Finally, when discussing the Ninth Amendment, we will explore the “mystery” of what rights are, where they came from, and how we balance them.



## From the Pendulum to the Pit: The Life and Work of Edgar Allan Poe

Instructor: Dr. Don Fette

Cost \$10

1 session: Friday, Feb. 10

10:30 a.m. – noon | Connections Program Room

Few American writers have intrigued and thrilled readers like Edgar Allan Poe (1809-1849). His chilling poems such as "The Raven" and Gothic horror stories like "The Masque of the Red Death" are no less engaging than the circumstances of his eccentric life and mysterious death after being found wearing another man's clothes and wandering deliriously along the streets of Baltimore at the age of 40. Despite his great fame for the macabre, Poe is genuinely among the most gifted wordsmiths of the English language. This class will provide a brief biographical and historical context for Poe and examine one of his shorter pieces, "The Oval Portrait," which, interestingly, was an influence on Oscar Wilde's famous "The Picture of Dorian Gray." We will also briefly look at "The Cask of Amontillado."

## The House of 'Uthman (Ottoman Empire): The Good, the Bad, and the Ugly

Instructor: Dr. Mirna Lattouf

Cost \$10

1 session: Friday, Mar. 17

10:30 a.m. – noon | Connections Program Room

This class presentation will focus on the background behind the rise of the House of 'Uthman, a central Asian nomadic peoples, and explore their travels west to become the global Ottoman, or Turkish Muslim, Empire. Come learn about the fascinating Ottoman Empire from 1300 to 1922: we will cover their contributions, their challenges, and their inevitable fall.

## Epic in Myth

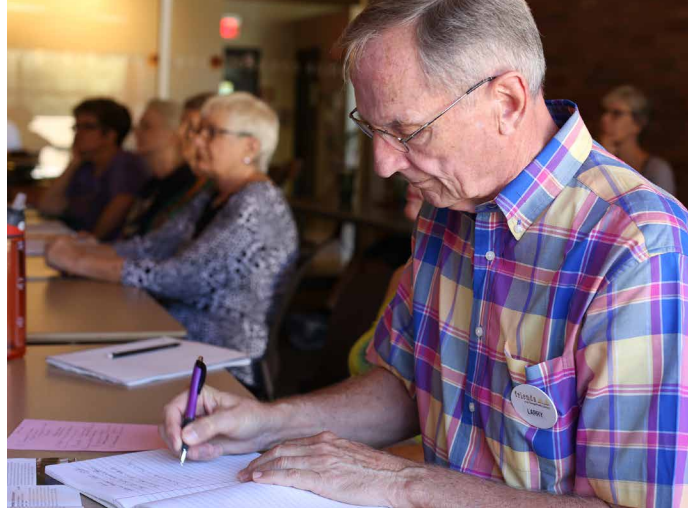
Instructor: Dr. Sharonah Fredrick

Cost \$40

4 sessions: Fridays, Mar. 24, Apr. 7, 14, 21

12:30 – 2:00 p.m. | Connections Program Room

The philosopher Walter Benjamin believed that the root of all modern novels and drama lay in the most ancient literary form known to humanity, the epic. Those stories of gods, women, and men, which deal with the eternal moral and ethical struggles we confront in every century and every country, continue to exert a strong hold over our global imagination. In this course, we will study the epics of 16th-18th century Navajo spiritual leaders, and the poems of medieval Castille and its heroes and heroines, such as El Cid and Dona Jimena. We'll look at the Welsh pre-Christian myths of King Arthur, and tie into Benjamin's idea of the epic as a form of literature that elevates the mind and heart and offers new alternatives to age-old dilemmas.



## Tempe Connections

Tempe Public Library  
3500 S. Rural Rd.  
Tempe, AZ 85282  
480.350.5490

Jolene Gosling, Coordinator  
Email: [Jolene.Gosling@asu.edu](mailto:Jolene.Gosling@asu.edu)  
Website: [lifelonglearning.asu.edu/tempe](http://lifelonglearning.asu.edu/tempe)

All classes are held in the Connections Program Room on the main level of the Tempe Public Library.

### Parking

There is free, ample parking at the Tempe Public Library.

### Registration

Register online at [lifelonglearning.asu.edu/registration](http://lifelonglearning.asu.edu/registration) and pay with a credit card, or call the OLLI at ASU office at 602.543.6440. Registration is required for all offerings and free events.

### Refund Policy

Membership fees are nonrefundable. Class/series fees are nonrefundable, except in the event a class/series is cancelled. In this case, the applicable fee will be refunded at the close of the semester.

# Friendship Village Tempe | Spring 2017 Semester Feb. 9 – Apr. 17

## Monday

### Arizona's Indian Music

Instructor: Dr. J. Richard Haefer, Professor Emeritus Cost \$10

1 session: Monday, Mar. 6

1:30 – 3:00 p.m. | Village Center, Private Dining Room

With nearly two dozen Indian cultures in Arizona, the music soundscape is many and varied, even within individual cultures. In this lecture we will listen to and examine several music cultures throughout the state and evaluate music, dance, and ceremony from individual cultures.

### Under the Shade of the Golden Bough: Legendary Epics and Their Meanings

Instructor: Dr. Sharona Frederick

Cost \$40

4 sessions: Mondays, Apr. 10, 17

(morning and afternoon sessions on both dates)

10:30 a.m. – noon and 1:15 – 2:45 p.m. | Village Center, Private Dining Room

**This class has  
been cancelled -  
our apologies!**

### Should Creationism Be Taught in the Classroom?

Instructor: Dr. Ahren Sadoff, Professor Emeritus

Cost \$10

1 session: Tuesday, Mar. 7

10:00 a.m. – noon | Village Center, Skirm Auditorium

The question as to whether intelligent design and/or creationism should be taught along with evolution in the biology classroom has been and remains quite controversial. In order to appreciate the issues involved, the instructor will discuss both the legal and scientific aspects of the controversy. In particular, there have been two court decisions relevant to the issue. One of these was decided by the Supreme Court in 1987, the other was decided in 2005 in Dover, Pennsylvania. Dr. Sadoff will discuss both of these in some detail. In addition, he will discuss some of the science issues involved and where the controversy stands today.

### Crimea: Its Crisis and Identity

Instructor: Dr. Charles Tichy, Professor Emeritus

Cost: \$40

4 sessions: Tuesdays, Mar. 14, 21, 28, Apr. 4

10:00 – 11:30 a.m. | Village Center, Skirm Auditorium

The course views and discusses various perspectives related to the current situation in Crimea. We will examine Crimea's origins, geography, legends, and ethnic groups including topics surrounding the Crimean Tatars. Issues of Crimea's identity will be viewed in relation to Catherine II's annexation of Crimea, the importance of the Crimean War, Crimea's experiences in two world wars, and the rise and fall of the Soviet Union. Issues surrounding the Russian 2014 annexation of Crimea and Crimea's current local and world status will also be evaluated.

## Tuesday

### Writing the Memoir

Instructor: Patricia Murphy

Cost \$60

6 sessions: Tuesdays, Feb. 14, 21, 28,

Mar. 14, 21, 28 (no class Mar. 7)

1:30 – 3:00 p.m. | Recreation ("Rec") Center, Classroom

Whether you are just getting started or in the process of composing your memoir, this class will help you build your understanding of the genre. We will study effective memoir writing to identify and understand successful techniques such as characterization, dominant impression, beginning and ending, dialogue, narration, and description. In-class discussions, writing exercises, and sharing will encourage creativity and improve writing skills. Short online readings will be given to be completed between sessions. Please contact Trish with questions at trishm@asu.edu. Limit: 15.



*"With the prospect of many more people living to be 100, we should ensure that these ever longer 'golden years' are satisfying and meaningful. The nation will thank older adults if they take steps to remain vigorous as long as possible, living with spirited independence and with dignity."*

– Bernard Osher



## Thursday

### Evolutionary Theory's Challenge: The End of History as We Knew It

Instructor: Dr. Brian Gratton

Cost \$10

1 session: Thursday, Feb. 9

10:30 a.m. – noon | Village Center, Skirm Auditorium

Evolutionary scientists raise significant questions about conventional accounts of human history by challenging the idea that we are “blank slates,” upon which nurture works to make us who we are. Evolutionary theory reconsiders how and why we have worked together, killed each other, formed opinions, set up gender roles, established religions, and built civilizations. The choices we supposedly make on the basis of rationale are seen by many evolutionary scientists as part of our essential makeup that governs the past, much of the present, and is very likely to shape the future. This class will introduce participants to aspects of evolutionary science that challenge conventional historical and social scientific explanations of our past. We will look at five aspects: violence, race/ethnicity, gender, politics, and economics.

### The Anasazi and Beyond: Art and Architecture of the Southwest

Instructor: Allen Reamer

Cost \$30

3 sessions: Thursdays, Feb. 9, 16, 23

1:00 – 3:00 p.m. | Village Center, Skirm Auditorium

The Southwest has a rich artistic culture. In this series we will begin with the art and architecture of the Anasazi and continue with the Hohokam, Mogollon, Fremont, Mimbres, and Sinagua cultures. You will discover that many of these sites are a day trip or less from where you live. If you have been to some or all of these sites, this talk may give you a deeper understanding of what you have seen. We will continue with Native American art and architecture, from the Acoma to the Zuni. Time permitting, the Rocky Mountain School painters and the Western Artists will be covered.

### What Is Jazz and How Do I Listen to It?

Instructor: Dom Moio

Cost \$20

2 sessions: Thursdays, Mar. 23, 30

10:30 a.m. – noon | Village Center, Private Dining Room

What is jazz? Is it Louis Armstrong, Duke Ellington, Count Basie, Miles Davis, John Coltrane? All of the above is the answer. In this class, we will listen to and explore all the different eras of jazz, and find the jazz that you like. We will look at the ways the rhythms and the songs changed, plus who were, and are, the giants of this music (instrumental and vocal) from the past to the present. We will also discuss the unique characteristics of jazz: self-expression, improvisation, interpretation, and collaboration between the musicians, what's it's all about, and how it all comes together in a gig.



## Friday

### The Science Behind Sleep and Aging

Instructor: Dana Epstein

Cost \$20

2 sessions: Fridays, Feb. 10, 17

10:30 a.m. – noon | Village Center, Skirm Auditorium

Let's take some of the mystery out of sleep! Come explore the science of sleep (why we sleep, what happens during sleep, sleep regulation) and the changes in our sleep as we mature. We'll discuss behaviors, substances, and medications that can impact sleep, and examine sleep disorders common in “baby boomers” and beyond with an emphasis on insomnia, the most prevalent sleep disorder. Participants will learn how to self-monitor their sleep using a sleep diary over the one-week period between sessions. The goal is to develop knowledge and awareness of sleep and your sleep-wake pattern using discussion, feedback, and activities.

### Films of the 1950s

Instructor: Dr. Ian Moulton

Cost \$40

4 sessions: Fridays, Mar. 17, 24, 31, Apr. 7

10:30 a.m. – noon | Recreation (“Rec”) Center, Main Room

The 1950s were a pivotal period for American films, as the movies came to terms with the post-war world. In this course we will look at four films that deal in complex ways with the social issues of the period: women working outside the home in “All About Eve”; the conflict between the organization and the rebel in “From Here to Eternity”; the racial issues at the heart of American mythology in “The Searchers”; and the nature of justice and democracy in “Anatomy of a Murder.”

## Friendship Village Tempe

2645 E. Southern Avenue  
Tempe, AZ 85282  
480.831.3303

Lois Lorenz, Coordinator  
email: [Lois.Lorenz@asu.edu](mailto:Lois.Lorenz@asu.edu)  
Website: [lifelonglearning.asu.edu/village](http://lifelonglearning.asu.edu/village)

All classes are held at Friendship Village unless otherwise noted.  
See class descriptions for room locations.

### Parking

Free parking is available at the front and side of the Village Center. Limited free parking is available in front of the Recreation Center. For classes held at the Recreation Center, you may park at the Village Center and take a free, regularly running tram round trip.

### Registration

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## Monday

### The Long 19th Century

Instructor: Dr. Robert Niebuhr

Cost \$30

3 sessions: Mondays, Mar. 13, 20, 27

10:00 – 11:30 a.m. | The Lodge

The British historian Eric Hobsbawm declared that the time from 1789 to 1914 was the “long 19th century.” This time was so interesting due to the profound warfare that served as bookends to the period, juxtaposed with what people generally acknowledge as a time of peace in Europe. Yet, this entire era in history was transformative and bloody, as nationalism and radical political ideologies came to age alongside the dramatic movements of people all across the globe. This course will try to focus on some of the most important ideological and political events that marked this century with an eye towards better understanding our current world.

### Imagine Living Through the Golden Ages of Athens

Instructor: Dr. Sarah Bolmarcich

Cost \$10

1 session: Monday, Mar. 13

2:00 – 3:30 p.m. | The Lodge

Classicist lecturer Dr. Sarah Bolmarcich encourages you to envision yourself in fifth century BC Athens, the preeminent city-state in Greece. With an empire abroad and a home full of new and innovative buildings like the Parthenon, you would be part of a flourishing society, surrounded by sculptures and art, tragedies and comedies, and pivotal to the formation of Western civilization. Come learn about the plays of Aeschylus, Sophocles, and Euripides, joined by their comic counterpart Aristophanes, sculptors like Phidias who perfected the depiction of the human figure in marble, and many more Western civilization influencers during the Golden Age of Athens!

### Self-Portraits: Catherine the Great's Memoirs

Instructor: Dr. Hilde Hoogenboom

Cost \$10

1 session: Monday, Mar. 20

1:00 – 2:30 p.m. | The Lodge

Catherine II, known as Catherine the Great, became Empress of Russia in 1762; during her period of power, she created written accounts of her life in French. Join Dr. Hoogenboom as she discusses her intimate relationship with researching and translating the original manuscripts of the memoirs of Catherine the Great. Written at the end of her reign in the 1790's, they are a fascinating window into Catherine's power struggles under Elizabeth I and her roles as daughter, wife, mother, and grand duchess. Discover 50 years of Russian history through the lens of both popular and lesser-known writings of Catherine the Great.

## Tuesday

### From Quarks to Cosmos

Instructor: Dr. Ahren Sadoff, Professor Emeritus

Cost \$40

4 sessions: Tuesdays, Feb. 7, 14, 21, 28

10:00 a.m. – noon | The Lodge

Come explore the universe from its smallest to largest components! Dr. Sadoff will begin his discussions with a brief description of the methodology of science, using as an example our understanding of the atom from the Greeks to the present day. Next, we'll explore the micro world of quarks and the quantum, including the mysterious elementary particle called the “Higgs Boson.” These lively discussions will conclude with a look at dark matter and dark energy and the newly observed gravitational waves from colliding black holes.

### From Bauhaus to Tel Aviv . . . And Your House

Instructor: Dr. Deborah Robin

Cost \$10

1 session: Tuesday, Feb. 7

1:00 – 2:30 p.m. | The Lodge

Even if you have never heard of the short-lived Bauhaus art and design school closed by the Nazis in 1933, you will be surprised by how familiar you find their work! Hitler tried to silence its teachers and students, but many fled Germany to spread Bauhaus design innovations around the world. The U.S. and Israel were the major beneficiaries of the Bauhaus movement, and Tel Aviv has the largest number of buildings in the Bauhaus International Style in the world. The Bauhaus “modern” style and philosophy still thrive today in architecture, furniture, home goods, toys, graphic design, textiles, and more. With lots of visual examples, we'll see how the Bauhaus artists changed the prevailing pre-WWI aesthetic from elaborate to sleek, from intricate to simple, and from ornamental to practical.

### Happy Valentine's Day:

### Marriage Through Symbols, Around the World

Instructors: Tynymgul Eshieva, Kunal Ranjan,  
and Narmina Strishenets

Cost \$10

1 session: Tuesday, Feb. 14

1:00 – 2:30 p.m. | The Lodge

Come explore marriage through symbols in India, Kyrgyzstan, and Ukraine! Marriage is an association that has existed since the earliest times and has great importance in life and society. Cultural roots and religious beliefs have shaped marriages for thousands of years. This presentation will provide a brief history of various wedding elements, past and present, of marriages in three different countries. Each society has developed its own particular means of performing this event and every part of a wedding. Most of the symbols have deep meaning attached to them. Insights into the centuries of old traditions, stages of marriage, and how they continue to be relevant or transformed in the modern age will be discussed. The class is lead by Fulbright Humphrey fellows under the direction of Associate Professor Dr. B. William Silcock, Walter Cronkite School of Journalism and Mass Media at ASU.

## Just How Resilient Are We?

Instructor: Dr. Frank Infurna

Cost \$10

1 session: Tuesday, Feb. 21

1:30 – 3:00 p.m. | The Lodge

What does it mean to lose your spouse or partner, to become unemployed, or to receive a cancer diagnosis? Such events, commonly referred to as major life stressors, result in a qualitative shift in one's life circumstances and can have substantial implications for psychological and health functioning. The science of resilience is centered on understanding individuals' ability to overcome such adversities. Resilience can take many forms. Learn about the many different forms of resilience, how resilience is studied, and new findings arising on the nature of resilience to adversity.

## Sitting is the New Smoking

Instructor: Dr. Donna Cataldo

Cost \$10

1 session: Tuesday, Mar. 7

10:30 a.m. – noon | The Lodge

Physical inactivity, especially sitting, is extremely harmful to our health and potentially deadly. Americans who sit more than six hours per week have an increased risk in heart disease, circulatory problems, obesity, and neck and back pain. This presentation is an opportunity to learn about the risks associated with too much sitting and what steps you can take, starting now, to improve your health.

## "Poem Unlimited": Shakespeare and Genre

Instructor: Dr. Charity McAdams

Cost \$40

4 sessions: Tuesdays, Mar. 7, 14, 21, 28

1:30 – 3:00 p.m. | The Lodge

The "First Folio," which is the collection of Shakespearean plays that came to fruition in 1623, divided Shakespeare's plays into comedies, tragedies, and histories. Since then, the consideration of the ways his plays fit into each genre influences the critical understanding of his work. In this class, we will discuss "Richard II," "Twelfth Night," "Romeo and Juliet," and "Hamlet" using Shakespeare's approach to genre as a way to understand the plays themselves. In addition, we will take time to explore the magic of the Shakespearean language and how it is illuminated by our understanding of genre.

## From Nano-Diamonds to Glycine: Carbon in Space and What We Learn From Meteorites

Instructor: Dr. Laurence Garvie

Cost \$20

2 sessions: Tuesdays, Apr. 4, 11

10:00 – 11:30 a.m. | The Lodge

One of the perennial questions of humanity is whether we, as a life-based planet, are unique in the universe. Life as we know it is based on carbon, which is the building block of all organic molecules. But where did the carbon for life come from? Is our solar system unique? How did life arise? These issues, among others, will be explored in this two-part lecture on extraterrestrial carbon, with a focus on what we have learned from meteorites.

## The Accelerating Universe: Inflation, Dark Matter, and Dark Energy

Instructor: Dr. Per Aannestad, Professor Emeritus

Cost \$10

1 session: Tuesday, Apr. 4

1:30 – 3:00 p.m. | The Lodge

This talk is about cosmology, dealing with the large-scale universe, and its origin and evolution. Over the last few decades, we have learned of several new and "mysterious" properties of the expanding universe: an extremely rapid expansion at its beginning, an accelerated expansion at later times caused by an unknown energy field, and the presence of an unknown form of matter, accounting for 80% of all matter in the universe. Instead of a simple "Big Bang" universe, we may even have to consider the possibility that our universe is just one among many in an infinitely large "multiverse."

## Wednesday

### Welcome to the Future: Designer Humans, Designer Warriors

Instructor: Dr. Braden R. Allenby

Cost \$40

4 sessions: Wednesdays, Feb. 8, 15, 22, Mar. 1

10:30 a.m. – noon | The Lodge

Accelerating advances in major technology systems – nanotechnology, biotechnology, information and communication technology, robotics, and applied cognitive science – are increasingly turning both the planet, and the human, into design spaces. Some people talk of radical extension of healthy human lifespans to 120 years or more, others of engineered telepathy. In this course, we will explore the implications of an approaching time when virtually everything about the human, from the physical to the cognitive to the psychological, is subject to explicit design. We will put an emphasis on the domain where human engineering is likely to be most evident, and quickly tested, as we discuss the rise of designer warriors.

## Of Dogma and Desire: Saying What You Believe About the First Amendment

Instructor: Robert McWhirter

Cost \$20

2 sessions: Wednesdays, Feb. 8, 15

1:30 – 3:00 p.m. | The Lodge

Studying the First Amendment focuses not just our right to speak, but on our right to believe: the First Amendment's speech and religion clauses are more connected than we think. The Persians, Greeks, Hebrews, Romans, and Puritans, to name a few, show that not only have our rights of speech and creed grown, but the concept of freedom has grown as well. We will cover many topics including: Are we a Christian nation? Is God in the Constitution? Do we really know obscenity when we see it? What are symbols of religion and speech? What does speech protection look like in times of war?





## At Home with the Aztecs: Uncovering Their Daily Life

Instructor: Dr. Michael E. Smith

Cost \$10

1 session: Wednesday, Feb. 22

1:00 – 2:30 p.m. | The Lodge

Archaeology, at its heart, is about people; people who lived a very long time ago, and lived somewhat differently than us, but people nonetheless. Imagine yourself living in Teotihuacán, the first and biggest city in the western hemisphere in what is now central Mexico, in 200 AD. Fast-forward five centuries: Dr. Smith and his team are excavating in Mexico and find that you were well-to-do, had nice belongings, and you weren't a blood-mad maniac compulsively slicing off heads or a miserable faceless slave dying on a vast construction project. Come learn about Dr. Smith's first hand experiences excavating Aztec peoples, towns, and artifacts in Mexico!

## A Peek and Primer on Asian Religions

Instructor: Dr. Keith Crudup

Cost \$40

4 sessions: Wednesdays, Mar. 1, 8, 15, 22

1:30 – 3:00 p.m. | The Lodge

It has been said that Hinduism has 330 million gods! Is Hinduism really polytheistic, or rather pluralistic? Buddhism has a noble truth stating that "life is suffering." Is Buddhism really a negative religion without an all-good creative God, or rather a religious tradition that adroitly addresses significant problems of the human condition? Both of these religions are gaining considerable popularity in America; Hinduism is the second largest religion after Christianity in Arizona, and the Dalai Lama is the world's most famous religious leader. This peek and primer on two of the great Asian religious traditions will address these larger questions and other basic teachings and practices.

## Terrestrial Planet Formation: Processes and Timescales

Instructor: Daniel Dunlap

Cost \$10

1 session: Wednesday, Mar. 29

10:30 a.m. – noon | The Lodge

In the earliest epochs of our solar system, rocky bodies began forming that would later make up the terrestrial planets and asteroids. The timescales of their formation have recently been shown to occur much earlier than previously thought. Rocky bodies approximately 1000 km in diameter had formed and were melting within the first few million years of solar system history. What were the forces driving their early formation? What heat sources were available to melt such objects? What does their evolution tell us about our own planet's development? Remnants of these early forming objects are present in our meteorite records and offer clues to the formation of Earth as well as other terrestrial planets.

## Marco Polo and Medieval Exploration

Instructor: Dr. Mark Cruse

Cost \$10

1 session: Wednesday, Mar. 29

1:00 – 3:00 p.m. | The Lodge

This class discusses Marco Polo's 24-year journey through Asia, his place in medieval European exploration, and his impact on Western history. We will examine maps, manuscript illuminations, and other materials to establish the historical context of Polo's extraordinary travels. Our subjects will include medieval European geography, the Europeans who traveled East before Polo, the Silk Road, the Mongols, and the Crusades.

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## Sights and Sounds of Research in Scottsdale's McDowell Sonoran Preserve

Instructors: Dr. Helen Ivy Rowe and Dr. Garth Paine    Cost \$10

1 session: Wednesday, Apr. 5

10:30 a.m. – noon | The Lodge

The McDowell Sonoran Conservancy's Field Institute conducts ecological research through partnerships and citizen science for the long-term natural resource management of Scottsdale's McDowell Sonoran Preserve, education and to contribute to broader scientific knowledge. Research priorities focus on detecting the effects of potential stressors such as drought, visitor use, neighboring land uses (e.g. noise, roads), and invasive plants. In partnership with the AELab@ASU we are exploring innovative ways to detect change holistically through sound (acoustic ecology) and visual cues. During this class, we will highlight field institute research, introduce acoustic ecology, and provide an exciting new immersive experience of the preserve.

## Four Centuries of Immigration to the United States: Ethnicity, Public Opinion, and Policy From 1607-2017

Instructor: Dr. Brian Gratton

Cost \$20

2 sessions: Wednesdays, Apr. 5, 12

1:00 – 2:30 p.m. | The Lodge

While immigration provides one of the icons of our national identity, the reaction of the American public to newcomers has often been less than cordial. Dr. Gratton uses his research to discuss eras of immigration, the views of supporters and opponents, and official policy. Immigrant ethnicities shifted sharply from English and African, to German and Irish, to Italian and Jewish, and to Mexican and Asian. We'll consider migration before the U.S. existed and analyze the two great waves of immigration in the 19th century. Then we'll examine the reaction against mass immigration in the early 20th century and the institution of restrictionist laws. We will conclude with refugees from World War II, Mexican legal and illegal arrivals, and the rise of the anti-immigrant movement of our own time.

## Thursday

### Invention Through Science: Archimedes, Leonardo, and Tesla

Instructor: Dr. Francisco Solis

Cost \$30

3 sessions: Thursdays, Feb. 9, 16, 23

10:30 a.m. – noon | The Lodge

Archimedes, Leonardo, and Tesla distinguished themselves in the history of human inventiveness for their direct connection to scientific progress. Their contributions would not have been possible without a deep understanding of natural phenomena and emerging science. This course will look at the lives and legacies of inventors who were able to translate the cutting-edge science of their times into new breakthrough technologies.

### Modern and Contemporary Women Artists

Instructor: Allen Reamer

Cost \$40

4 sessions: Thursdays, Mar. 9, 16, 23, 30

10:00 a.m. – noon | The Lodge

In this course we will discuss women artists who produce art in modern and contemporary art styles as well as their lives as artists. We will cover the characteristics of each style and the similarities and differences of each artist within each style. Due to time constraints we will only cover a few of the many great women artists.

## What are "Flash" Classes?

OLLI at ASU releases additional classes throughout the semester outside of our printed Class Schedule. We call these "flash" classes!

These classes come together in a "flash," so registration opens the date we announce them. "Flash" classes are announced via email and on our website at [lifelonglearning.asu.edu/flash](http://lifelonglearning.asu.edu/flash).

If you are a member with an email address, you are automatically added to our email list unless you have requested to unsubscribe.

## Stay tuned for this semester's "flash" classes!

## Maravilla Scottsdale

### Maravilla Scottsdale

7325 E. Princess Blvd.

Scottsdale, AZ 85255

480-538-5600

Nora Mandel, Coordinator

Email: [nora.mandel@asu.edu](mailto:nora.mandel@asu.edu)

Website: [lifelonglearning.asu.edu/scottsdale](http://lifelonglearning.asu.edu/scottsdale)

All classes are held in the Lodge at Maravilla unless otherwise noted.

### Parking

Parking is free in the parking garage under the Lodge. Signs will direct you to the classroom.

### Registration

Register online at [lifelonglearning.asu.edu/registration](http://lifelonglearning.asu.edu/registration) and pay with a credit card, or call the OLLI at ASU office at 602.543.6440. Registration is required for all offerings and free events.

### Refund Policy

Membership fees are nonrefundable. Class/series fees are nonrefundable, except in the event a class/series is cancelled. In this case, the applicable fee will be refunded at the close of the semester.



## Get to Know Your OLLI at ASU Faculty and Lecturers!

OLLI at ASU is doing its part to conserve resources, reduce operating costs, and support **ASU's Green Office Program**, so we now have our **Instructor Bios** available for you to view on our website at [lifelonglearning.asu.edu/curriculum-instructors](http://lifelonglearning.asu.edu/curriculum-instructors).

To learn more about ASU's sustainability operations and practices, please go to these websites:



A living laboratory for sustainability: <https://sustainability.asu.edu/operations/>

ASU's Green Office Program:

<https://sustainability.asu.edu/operations/what-you-can-do/>

Questions? Email [lifelonglearning@asu.edu](mailto:lifelonglearning@asu.edu) or call 602.543.6440.

## Meet Our OLLI at ASU Staff



**Sally Underwood**  
ASU West  
campus  
Coordinator



**Karla Burkhart**  
Program  
Manager



**Richard C. Knopf**  
Director



**Nick Pstross**  
ASU  
Downtown  
Phoenix  
campus  
Coordinator



**Jolene Gosling**  
Tempe  
Connections  
Coordinator



**Lois Lorenz**  
Friendship  
Village  
Tempe  
Coordinator



**Nora Mandel**  
Maravilla  
Scottsdale  
Coordinator



**Rochelle Rippey**  
Student Aide

# OLLI at ASU is proud to partner with premier education, cultural, health, and community organizations in the Valley



Membership in OLLI at ASU entitles you to many benefits, which includes connectivity with our partners. For information about each organization and your member benefits, visit our website:

**[lifelonglearning.asu.edu/partners-benefits](http://lifelonglearning.asu.edu/partners-benefits)**

# Volunteers continue to energize OLLI at ASU!



*"Participating as an OLLI at ASU student has truly been amazing and rewarding! I love the diversity of subjects, the interesting instructors, and the staff. As a recent volunteer, I am serving and assisting members at various activities and functions. Learning never gets old!"*

**MarLynn Spears**

Travel Program Assistant, OLLI at ASU

*"I have found rewarding enrichment, both intellectually and physically, due to the stimulating lifelong learning experiences and friendships OLLI at ASU has provided me. OLLI has been a vital part of my third stage of life, for which I am grateful."*

**Larry Conway**

Chair,  
OLLI at ASU  
Development  
Committee



## We are grateful to all of our volunteers for their help:

Gloria Aguilar, Kathy Albert, Georgia Alvarez, Johan Beckles, Maria Berryman, Paola Boivin, Penny Boone, Danielle Broelinckx, Dr. Paul Burgess, Ed Caldwell, Aaron Carreon-Ainsa, Susanne Ciarro, Denise Coggins, Larry Conway, Willa Cree, Dr. Rosemarie Dombrowski, Fran Etner, Lauren Garvey, Sue Giamportone, Sydney Holtan, Frances Howard, Malea Hughes, Edward Kearns, Ann Kiska, Carol Kratz, Monica Krise, Ilene Lapidos, Rodney Machokoto, Sophia McGovern, Elaine Mann, Richard Marmor, Mary McEvers, Clarice McIlvain, Bonnie Murphy, Leah Newsom, Ronald Newth, Doug Newton, Judy Newton, Karen Nielsen, Walt Nielsen, Kathy North, Kay O'Connor-Norton, Dr. Catherine O'Donnell, Anne Owens, Kathleen Padula, Joan Pierce, Anne Roberts, Dorothy Robinson, Ellen Rosenbaum, Katherine Roxlo, Gina Ruggiero, Will Russell, Christopher Schwartz, Cliff Schweitzer, Barbara Scott, Cheryl Sharp, MarLynn Spears, Dr. Peter Swan, Shirley Talley, Dorothy Taylor, Patt Thompson, Dr. Elly Van Gelderen, Charly Vickery, Dr. Vincent Waldron, Addie Wallace, Chris Watkins, Caitlan Wichlacz, Gerry Wilson, Jo Wilson, Carolyn Yeater.



**Take ownership in OLLI at ASU and become our ambassador!**

**Please contact us if you are interested in learning more:**

**[lifelong@asu.edu](mailto:lifelong@asu.edu) | (602) 543-6440.**

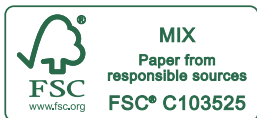




PO Box 37100, Phoenix, AZ 85069-7100



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## The Bernard Osher Foundation

The Bernard Osher Foundation, headquartered in San Francisco, was founded in 1977 by Bernard Osher, a respected businessman and community leader. The Foundation seeks to improve quality of life through support for higher education and the arts.

The Osher Lifelong Learning Institutes, operating on the campuses of 119 institutions of higher education from Maine to Hawaii and Alaska, have a National Resource Center at Northwestern University, visit: [nrc.northwestern.edu](http://nrc.northwestern.edu). Each provides a distinctive array of non-credit classes and activities specifically developed for adults age 50 or older who are interested in learning for the joy of learning.



Please consider a financial donation to support the Osher Lifelong Learning Institute at ASU.

For more information, call us at **602.543.6440**

Donate online at: [asufoundation.org/osher](http://asufoundation.org/osher)

Thank you!