

for the love of learning

University-quality, non-credit short
courses and lectures for students 50+

Fall 2014
class schedule



- ASU West campus
- ASU Downtown Phoenix campus
- Tempe Public Library
- Friendship Village Tempe
- Maravilla Scottsdale

ASU Osher Lifelong
Learning Institute
ARIZONA STATE UNIVERSITY

lifelonglearning.asu.edu

help us grow **OLLI at ASU**

We have a keen vision for growing the mission of OLLI at ASU – more courses, more lectures, and more connectivity to the intellectual, cultural and social experiences at the University.

what does your support mean to OLLI?

While a portion of our operating costs are funded through membership fees, state funds and the Osher Foundation Endowment, your financial investment allows us to offer the full spectrum of opportunities and experiences that make membership in the OLLI community so special.

your contribution makes a difference.

Your financial support allows us to greatly expand our program and better serve our community of lifelong learners. Please consider a charitable contribution to support the growth of your educational opportunities here with us.

donate online at:

<http://asufoundation.org/osher>

Thank you for your support of OLLI at ASU!

Together, we will build an amazing learning community.

from the director



Dear Lifelong Learners,

A warm welcome to both returning and new members! Thanks to your incredible ongoing support, OLLI has become a true community, in which we can all learn from each other and about the world.

Socrates teaches us that wisdom originates in wonder and the experience from our classes attests to the validity of his claim. I have personally been very inspired by the desire for knowledge and active participation of our members in OLLI classes. You know what I mean when I say that in some classes you could hear a pin drop.

By engaging top ASU researchers and educators, OLLI thrives to bring to you the best university experiences possible.

In addition to delivering classes, it is OLLI's goal to serve as a bridge to other learning opportunities in the Valley. Membership in OLLI brings you benefits of discounted rates at our partner organizations such as Arizona Opera, ASU's Kerr Cultural Center, and Ballet Arizona. Most recently, we have established a partnership with The Nash, premier jazz club in Downtown Phoenix, which was named one of the world's top jazz venues for 2014 by the *DownBeat* magazine.

All of these wonderful opportunities are brought to you in preparations of our 10th anniversary of OLLI at ASU in 2015. The celebrations will be splendid!

As a leading research university, ASU has much to offer to communities around the Valley. Yet, the relationship is not unidirectional – it is precisely from you that we learn what lifelong learning is and how we can provide the best services possible. Thank you for your active participation in the process. We are indebted to many of you who have taken a leadership role in OLLI activities – as volunteers, participants in focus groups, and enthusiastic supporters.

We look forward to seeing you this semester and hope that you will tell your friends about OLLI. Here is to a successful new semester!

A handwritten signature in black ink that reads "Richard C. Knopf".

Richard C. Knopf, Ph.D., Director,
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 short courses and lectures, 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.

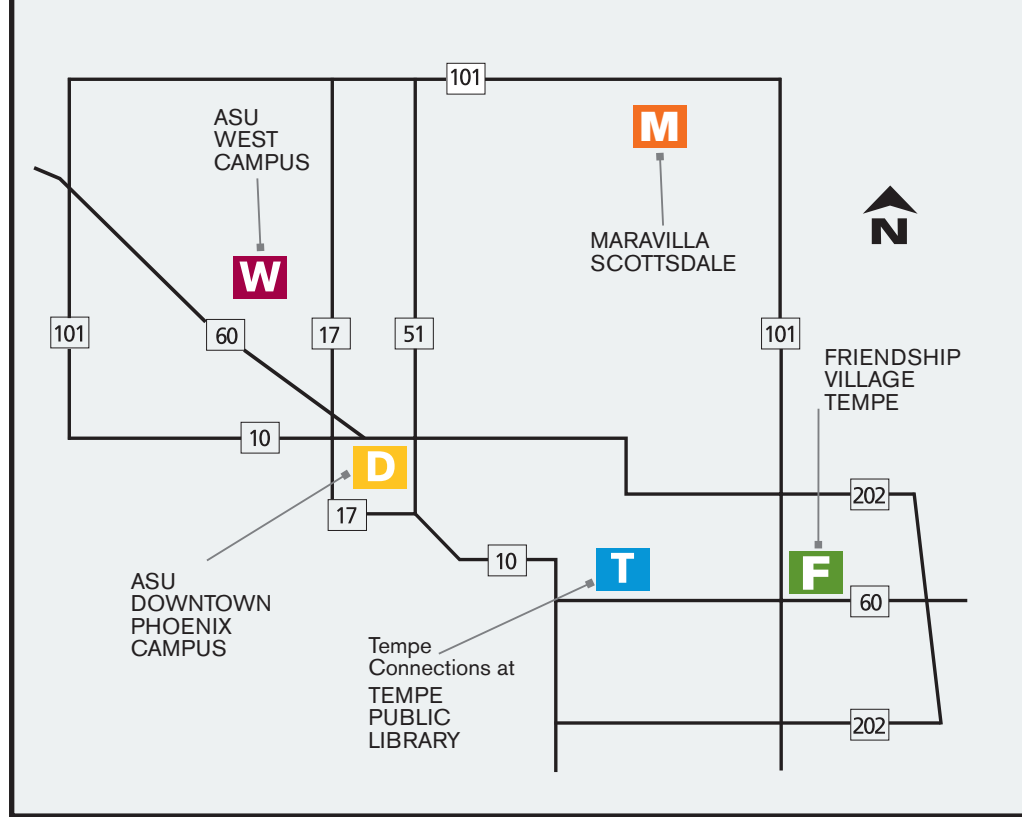
membership benefits

semester membership fee entitles you to these benefits:

- OLLI at ASU membership ID card
- Discounted tickets to performances at the ASU Kerr Cultural Center in Scottsdale
- Chance to join the ASU Alumni and receive free OLLI lectures, as well as discounts on educational travel trips
- Discounted tickets to performances at The Nash, Arizona's jazz performance and education venue in Downtown Phoenix
- \$30 tickets (\$89 value) to all matinee performances at Ballet Arizona
- \$8 tickets to the Herberger Institute of Design and the Arts for select events held on ASU's Tempe campus
- Access to free enrollment in exclusive opera preview lectures presented by Arizona Opera
- Access to a fitness membership in the Sun Devil Fitness Complex at ASU West and ASU Downtown Phoenix campuses
- OLLI at ASU social media networks: Facebook and NING – an Internet-based learning platform exclusively for use by OLLI members
- Reduced or free admission when you register for featured ASU educational events
- Invitations to ASU educational events
- Educational travel opportunities with OLLI peers from across the country
- University-quality learning experiences in your community
- Connections to a vibrant higher education institution – Arizona State University
- Opportunities to pursue a passion or share a long-standing interest
- A forum for friendship and socialization
- Being part of an engaged OLLI at ASU learning community

five campus locations

- W** **ASU West campus**
4701 West Thunderbird Rd., Phoenix
- D** **ASU Downtown Phoenix campus**
Office location: 411 North Central Ave., Phoenix
- T** **Tempe Connections at the Tempe Public Library**
3500 South Rural Rd., Tempe
- F** **Friendship Village Tempe**
2645 East Southern Ave., Tempe
- M** **Maravilla Scottsdale**
7325 East Princess Blvd., Scottsdale



registration and fees

\$15 semester membership fee

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

+ course/lecture fees

Fees are noted in the class descriptions

Most courses are \$35, lectures are \$10 **lecture**

refund policy

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

online registration

Register Online
Fast! Easy! Secure!

www.regonline.com/olliasufall14

- No service fees
- Immediate enrollment at all locations
- Pay membership and all class fees at one time
- Pay with a credit card or check on our secure website
- Instant confirmation directly to you
- Return to add classes at a later date

or

Register by mail or phone at any of our locations.

A person is seen from behind, standing in a field of tall grass. Their arms are raised in a 'V' shape towards a bright, cloudy sky at sunset or sunrise. The person is wearing a dark-colored t-shirt. The overall mood is one of freedom and celebration.

coming spring 2015

OLLI at ASU is 10 years old, so we're celebrating the joy of LONGEVITY!

**Join us in February 2015 at our OLLI signature event
Abundant Aging and Longevity**

- Featuring prominent scientists from ASU and its many partner organizations
- Presentations that are informative and fast-paced
- Focusing on health and well-being from different disciplines and perspectives
- Offering practical insights for daily living
- Health and educational travel information tables
- Displays of creative works by fellow OLLI students
- Birthday cake and refreshments

Thrive on the insights of leading scholars and celebrate our OLLI at ASU community.

**You don't want to miss this,
and we don't want to miss you!**

To get the latest details follow us at facebook.com/olliasu
and lifelonglearning.asu.edu or watch for it in the
OLLI at ASU Spring 2015 Class Schedule.

ASU Osher Lifelong
Learning Institute
ARIZONA STATE UNIVERSITY

SHEAR MADNESS

PHOENIX'S HILARIOUS WHODUNIT!

Join the Phoenix Theatre, now celebrating its 95th season in the Valley, for an in-depth and exclusive look at their professional production of the highly comedic play *Shear Madness*.

It's no wonder that *Shear Madness* holds the Guinness record for longest-running play in the history of American Theatre. Celebrating its 35th anniversary this year, this unique murder mystery is a true crowd-pleaser packed with up-to-the minute spontaneous humor and exciting intrigue. You don't want to miss your chance to spot the clues, question the suspects and solve the funniest mystery in the history of crime. With an outcome that is never the same, Phoenix Theatre's comic geniuses will have you rolling in the aisles!

Part I

Shear Madness: Murder Mystery and Improvisational Theatre

Saturday, Oct. 11

10:30 a.m. – 12:30 p.m.

Learn about the history, development and practice of both Improvisational and Murder Mystery theatre with a detailed lecture by *Shear Madness* director Robert Kolby Harper and *Shear Madness* actor Pasha Yamotahari.

Following the lecture, enjoy an exclusive hands-on and in-depth look at how improvisation is used in rehearsals and in performance and in aiding artists in show/character development.

Part II

The Production of Shear Madness

Saturday, Nov. 8

2:00 p.m.

A pre-production talk with Pasha Yamotahari

3:00 p.m. – Curtain

Full theatre production of *Shear Madness*, Hormel Theatre

Phoenix Theatre Series

Location: Phoenix Theatre in the Hormel Theatre

100 E. McDowell Rd., Phoenix, AZ 85004

Free parking behind the theatre, or take the light rail to the Central & McDowell station

Series Cost:

\$55 includes Part I and Part II, and member's theatre ticket

Tickets are not exchangeable and are valid for this performance only

Eligibility: Exclusively for OLLI at ASU members, ages 50+

Capacity: Limited to 30 students

Register before Wednesday, Oct. 8, 2014

To enroll in this series, register online at

www.regonline.com/olliasufall14

or call OLLI at ASU at **602.543.6440**

phx
THEATRE

monday

Atonement, Forgiveness and Hope: Keys to Resilience

Instructor: Dr. Vincent Waldron **Cost \$35**
4 sessions: Mondays, Sept. 22, 29, Oct. 6, 20
(no class Oct. 13)
10:00 – 11:30 a.m.
Sands Building, Room 215

In recent years, researchers have studied resilient people and communities, trying to understand how they survive, even *thrive*, under circumstances that would make most of us bitter, despairing or vengeful. Students are invited to explore the rich concepts of atonement, forgiveness and hope as sources of resilience. Through film and class discussion, we will examine provocative questions: Is it possible (and good) for a victim of the holocaust to forgive the Nazis? What would it mean for a society to value forgiveness as much as it does justice? Is hope a realistic response to tragedy or a delusion of those who wear rose-colored glasses? We will also discuss the ways in which atonement, forgiveness and hope might be fostered in our own communities.

George Orwell's 1984

Instructor: Dr. Greg Wise **lecture \$10**
1 session: Monday, Sept. 22
noon – 1:30 p.m.
Sands Building, Room 223

The issue of surveillance has been a popular topic, especially following the information leaked by Edward Snowden in the summer of 2013 about the NSA's spying. Often we describe such pervasive surveillance schemes as "Orwellian" and reference "Big Brother." In this lecture, we will explore George Orwell's *1984* to see what light it can shed on contemporary practices and understandings of surveillance. Students are strongly encouraged to read *1984* prior to class.

Shakespeare's Othello

Instructor: Dr. Marsha Fazio **Cost \$35**
4 sessions: Mondays, Sept. 29, Oct. 6, 13, 20
1:30 – 3:00 p.m.
Sands Building, Room 223

Othello is typically categorized as one of four major Shakespearean tragedies. Along with *Hamlet*, *King Lear* and *Macbeth*, *Othello the Moor of Venice* continues to fascinate and beguile. It is a tale of woe – of love and jealousy – set in Renaissance Venice with jarring relevance to concerns of our own contemporary society.

Swing's the Thing: Big Bands and Ensembles, 1929 – 1949

Instructor: Dr. Robert Pilska **lecture \$10**
1 session: Monday, Oct. 13
10:30 a.m. – noon
Sands Building, Room 215

This class offers a musical and visual tour of prominent bands, great musicians and vocalists of the Swing Era. We'll dig Satchmo, the Duke, Artie Shaw, Bennie Goodman, The Hot Club of France and other swingin' artists and ensembles who made a mark in the history of music.

Through Women's Eyes: 20th Century U.S. History

Instructor: Dr. Pamela Stewart **Cost \$35**
4 sessions: Mondays, Oct. 27, Nov. 3, 17, 24 (no class Nov. 10)
10:30 a.m. – noon
Sands Building, Room 215

Why do women often seem invisible in history? What do we see about history when we focus on women's experiences? What did the women who came before you do and how did they understand their world? While it may be true that "well-behaved women seldom make history," women have nonetheless made a lot of history! This course surveys the diversity of women's experiences in the U.S. over the 20th century as they played central roles in creating change. Themes such as civil rights, athletics, wartime, art, and even fashion allow us to explore how individuals (famous and not-so famous) led the way in creating for us a very different nation than the one of 100 years ago.

The Taming of the Shrew: Looking at Love, Courtship and Marriage

Instructor: Dr. Marsha Fazio **Cost \$35**
4 sessions: Mondays, Oct. 27, Nov. 3, 17, 24 (no class Nov. 10)
1:30 – 3:00 p.m.
Sands Building, Room 223

In Shakespeare's early comedy, a macho man comes "to wive it wealthy in Padua," setting his sights on a willful woman, relentless in his efforts to subdue her. When Petruchio meets Kate, sparks fly, igniting an entertaining battle of the sexes while posing serious questions about love and marriage – then and now.

An Introduction to the Harpsichord

Instructor: Dr. Guy Whatley **Cost \$20**
2 sessions: Mondays, Dec. 1, 8
1:00 – 2:30 p.m.
Sands Building, Room 223

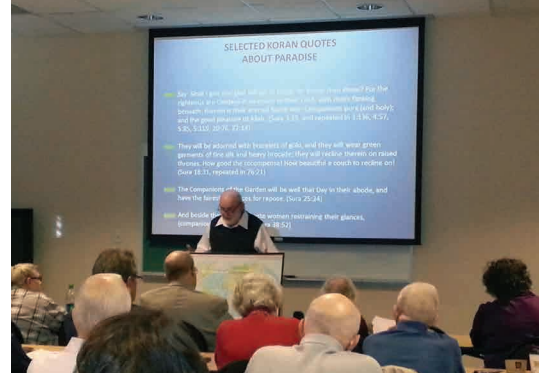
In the first session, we'll examine the history of this remarkable instrument, from the 14th century to the present day. In the second class, we'll look at the incredibly expressive and innovative music written for this lovely instrument. Guy will bring a Flemish harpsichord to class and will play musical examples. Students will see how the harpsichord works and even try one out!

monday/wednesday

The Morass in the Middle East

Instructor: Dr. Don Sharpes, Professor Emeritus **Cost \$35**
4 sessions: Mondays, Dec. 1, 8, and Wednesdays, Dec. 3, 10
10:00 – 11:30 a.m.
Sands Building, Room 215

There was optimism for democratic initiatives when the so-called Arab Spring began in Tunisia in December 2010 and then migrated to Libya. Hopes were dashed when NATO bombed Libya and it descended in chaos as armed militia groups fought each other. Egypt's military overthrew the elected president and Syria began its civil war. Tension over Iran's potential for developing a nuclear weapon and the collapse of peace talks between Israel and the Palestinians revealed the fragile dialogue between ethnic and religious neighbors. We will explore these and similar events and trends in this short course.



tuesday

American Identity

Instructor: Dr. Robert Niebuhr

1 session: Tuesday, Sept. 23

10:00 – 11:30 a.m.

Sands Building, Room 215

Join Dr. Niebuhr as he focuses on understanding one of the generic markers of American Identity, namely, how America shifted from a Puritan to Pioneer nation. With the Louisiana Purchase, American leaders had to grapple with how to expand and what that westward expansion meant for the young country. This lecture traces that struggle from 1812 to the mid-1850s while foreshadowing the American ideals that emerged by the early 20th century.

lecture \$10

Navajo Society: Living Traditions and Culture

Instructor: Jaclyn Roessel

1 session: Tuesday, Sept. 23

1:00 – 2:30 p.m.

Sands Building, Room 223

Foundational to Navajo culture are many stories and philosophies. Listen as aspects of these teachings are shared and connections are made to modern Navajo society. This lecture will blend the significance of integral ceremonies like the Kinaalda with the importance of historical events like the Navajo Long Walk, creating a vibrant portrait of a people and their connection to their homeland today.

lecture \$10

How to Build a Time Machine

Instructor: Dr. Francisco Solis

4 sessions: Tuesdays, Sept. 30, Oct. 7, 14, 21

10:00 – 11:30 a.m.

Sands Building, Room 215

Since its introduction in science fiction by H. G. Wells, the idea of a time-machine has continued to be explored in literature, radio, film and other media. Along with these speculative explorations, many developments of physics in the 20th and 21st centuries have also taught us that time is not rigid but has malleable aspects and have provided grounds for actual investigations into the conditions required for time-travel. While an actual time machine is unlikely or even impossible, it remains a fascinating idea that continues to be explored from both humanistic and scientific points of view. These lectures will provide an introduction to the lore of time-machines, time-travel paradoxes, and the physics of time.

Cost \$35

Scandals, Lies and Torture II: Research Ethics in the Behavioral Sciences Using Human Subjects

Instructor: Sara Pennak

Cost \$35

4 sessions: Tuesdays, Sept. 30, Oct. 7, 14, 21

1:00 – 2:30 p.m.

Sands Building, Room 223

This course is a continuation of the introductory course taught in Spring 2014 but will provide a more in-depth treatment for some of the most important and controversial experiments ever conducted. Students who did not take the first course are invited to enroll and join the discussion of whether ethics are truly absolute or simply relative to their historical context. Case studies not previously covered will also be presented, and the course will provide a brief review of ethical principles and federal regulations that have protected human subjects.

More Real World Chemistry

Instructor: Dr. Kirstin Hendrickson

Cost \$35

4 sessions: Tuesdays, Oct. 28, Nov. 4, 18, Dec. 2

(no class Nov. 11, 25)

10:00 – 11:30 a.m.

Sands Building, Room 215

Chemistry *is still more fun* than you ever thought it could be. In fact, far from being the science of balancing equations and making solutions explode, chemistry is nothing less than what happens inside us and all around us, all the time, every day. What's the difference between taste and smell, and why is the information we get from our tongue (which is a very accomplished chemist!) 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. Dr. Hendrickson will address these issues and other fascinating topics in her trademark speaking style: always relevant, often irreverent, so much fun that you'll forget you're in a class . . . until you realize how much you've learned!

"I have attended each of Dr. Hendrickson's OLLI lectures and enjoyed them thoroughly. She brings a fresh approach to understanding chemistry, admittedly a subject I never previously enjoyed, and she offers stimulating insight and perspective. She also infuses the audience with a sense of the wonder and majesty of the natural world, a great gift. She is a fabulous lecturer."

A happy OLLI student

Antibiotics and Antibiotic Resistance: The Rise and Fall of the Silver Bullet

Instructor: Dr. Ken Sweat

Cost \$35

4 sessions: Tuesdays, Oct. 28, Nov. 4, 18, Dec. 2 (no class Nov. 11, 25)

1:00 – 2:30 p.m.

Sands Building, Room 223

The discovery of antibiotics revolutionized medicine and forever changed human history. However, the evolution of antibiotic resistance in bacteria threatens to render worthless these wonder drugs. This course will examine the science of antibiotics and the evolution of antibiotic resistance. Aspects of the biochemistry, epidemiology and evolution of bacteria and antibiotics will be used to provide a comprehensive review of the uses and abuses of antibiotics, as well as what is being done to prevent the loss of this powerful tool in human medicine.

Medical Marijuana

Instructor: Dr. Ken Sweat

1 session: Tuesday, Dec. 9

1:00 – 2:30 p.m.

Sands Building, Room 223

From *Reefer Madness* to the state of Arizona licensing marijuana dispensaries, what a long strange trip it's been. This class will review the history of medical use of marijuana with an emphasis on the modern medical marijuana movement in Arizona.

lecture \$10

wednesday

Canine Cognition: The Science of Dog Intelligence

Instructor: Dr. Clive Wynne

1 session: Wednesday, Sept. 24

10:00 – 11:30 a.m.

Sands Building, Room 215

Dr. Wynne will consider several aspects of dog intelligence that have been the subject of studies in his own and others' laboratories in recent years. One major focus is the attempt to understand how and to what extent our dogs understand us. He will present evidence showing that dogs do indeed have remarkable abilities to follow what people are up to – skills so subtle that they convince many people that their dogs are reading their minds when they are really reading our behavior. Wolves, the wild ancestors of dogs, share these same abilities, if their lives are arranged to include as much close contact with people as is typical in the life of a dog. Dr. Wynne will also consider how dogs come to be as good as they are at understanding people. These considerations are important in maximizing the positive aspects of our lives with dogs and minimizing the negatives.

lecture \$10

Painting with Color

Instructor: Allen Reamer

Cost \$45

5 sessions: Wednesdays, Oct. 1, 8, 15, 22, 29

10:00 a.m. – noon

Sands Building, Room 215

This course is for both new and experienced painters. Color is an important element in producing quality art work. The color combination you choose will help or hinder what you want to 'say' or express in your painting. There are 320 different basic color schemes or combinations, and we will highlight a new scheme each week for students to use when painting. You may produce a painting of your choice or choose the 'step-by-step' approach that will be covered in class. If needed, the instructor will demonstrate how to draw specific objects. A list of supplies will be provided to students before the first class.

Survey of American Art

Instructor: Allen Reamer

Cost \$35

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

1:00 – 3:00 p.m.

Sands Building, Room 223

We will cover art movements and styles in American Art and some of the artists in each style. You will discover the characteristic of each style and the similarities and differences of each artist within each style. We will start with the four masters of Colonial Art and continue with the Hudson River School, Rocky Mountain School, Western Artists, American Realists, American Impressionists, Ashcan School, American Scene Painters, Abstract Expressionism, Organic Sculptors, Kinetic Sculptors, Assemblage Artists, Pop Art, Op Art, Hard Edge, Washington Color School, Minimalism and Super-Realism, until we run out of time.

The Olympic Games

Instructor: Dr. Ralph Vernacchia, Professor Emeritus

4 sessions: Wednesdays, Oct. 29, Nov. 5, 12, 19 Cost \$35

1:00 – 2:30 p.m.

Sands Building, Room 223

This class will highlight Olympism – the educational philosophy of the Olympic Movement and Games, and will present a historical overview of the ancient and modern Olympic Games. We will explore the individual contributions to the Olympic Movement by Pierre de Coubertin who was instrumental in the rebirth of the modern Olympic Games in 1896. The current problems facing the Olympic Movement and Games will also be presented as well as individual performances by great Olympians including Jesse Owens, Gertrude Ederle, Michael Phelps, Nadia Comaneci, Jim Thorpe, Mildred "Babe" Didrikson, Paavo Nurmi, Larisa Latynina, Al Oerter, Franz Gabl, Carl Lewis, Bjorn Daehlie, Sonja Henie, Eric Heiden and others. Documentary films will illustrate and highlight key concepts and Olympic performances presented throughout the course.

Educational Travel Opportunities

Instructors: Martha Byrd, Rhonda McClintock, David McElwee
1 free session: Wednesday, Nov. 5
10:00 – 11:30 a.m.

Sands Building, Room 215

Did you know the travel opportunities offered by the ASU Alumni Association also are available to students of the Osher Lifelong Learning Institute? Join us for a presentation to learn about the educational trips we offer and how you can participate. Explore exotic locations, immerse yourself in the culture, history and cuisine of other countries around the globe, meet new people, and see the world with us. In 2015 we are planning to bring you a greater variety of trips with opportunities to experience other cultures and see amazing sights.

Re-envisioning Martin Luther King, Jr. for a New Age

Instructor: Dr. Matthew Whitaker
1 session: Wednesday, Nov. 12
10:00 – 11:30 a.m.

Sands Building, Room 215

Martin Luther King, Jr. has long been portrayed as the author of the *I Have A Dream* speech, an apostle of peace and a dreamer. King was all of this, but he was also an architect of positive change who proposed specific solutions for many social problems. This lecture will explore King and his legacy holistically, and will provide students with an understanding of King that is inspirational and practical.

The Lost Boys Project

Instructor: Julie Amparano
1 session: Wednesday, Nov. 19
10:00 – 11:30 a.m.

Sands Building, Room 215

The Lost Boys/Girls of Sudan are a testament of courage, hope and perseverance. During the 1983 civil war that claimed the lives of about 1.9 million Sudanese, about 23,000 Sudanese boys and girls were orphaned. Those who lived tell tragic tales of raids on their villages; walks that lasted months through scorching deserts to reach refugee camps that could only provide them with a mere cup of grain a day. Today, their oral histories are being preserved and archived so the world never forgets about the madness war inflicts on children. Come learn about the Lost Boys and the Lost Boys Found project.

Current Events in Earth Science

Instructor: Stan Celestian
2 sessions: Wednesdays, Dec. 3, 10
1:00 – 2:30 p.m.

Sands Building, Room 223

Earthquakes, volcanoes, landslides, sinkholes! Every time we open up the newspaper, there is a new natural catastrophe. The possibilities are endless for this class as topics will come directly from the headlines. Potential disasters could include tornadoes, hurricanes, meteors, comets, supernovae – whatever Mother Nature throws at us!

lecture \$10

lecture \$10

Cost \$20

asu west campus

4701 W. Thunderbird Rd.
Phoenix, AZ 85069
602.543.6440

Sally Underwood, Coordinator
Email: sally.underwood@asu.edu
Website: <http://lifelonglearning.asu.edu/west>

All classes are held at the ASU West campus unless otherwise noted. See course descriptions for room locations.

parking

Please park in Visitor Lot 12. There is a small fee to park on the ASU campus; however, we offer our members discounted parking. We will validate parking of a vehicle for part of the class time, so bring the parking ticket you receive at the gate to class for partial validation. Hourly parking at the West campus is \$2, with a daily max of \$8. Upon exiting the lot, ASU parking attendants accept Visa, MasterCard, and cash – no larger than a \$20 bill.

refund policy

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

how to register!

registration information

Registration is required for all offerings and free events.

ONLINE REGISTRATION

www.regonline.com/olliasufall14

- **Fast! Easy! Secure!**
Go to: www.regonline.com/olliasufall14
Pay with credit card or check on our secure website.
- **By PHONE:** Call 602.543.6440
Pay with a credit card.
- **By MAIL:** Mail in your registration form with a check payable to "ASU" to:

Osher Lifelong Learning Institute at ASU
PO Box 37100
Mail Code 3251
Phoenix, AZ 85069-7100

Registration forms may be downloaded from <http://lifelonglearning.asu.edu> or requested by calling 602.543.6440

monday

Arizona Opera Presents!

Instructor: Josh Borths, Arizona Opera Cost Free
Arizona Opera Center, 1636 N. Central Ave. (Education Room)

Now you may register for individual sessions, one or all.

New! A Walk through Opera History & Overview of the Arizona Opera Season 2014-2015

Monday, Sept. 15, 11:30 a.m. – 1:00 p.m.

Preview of Upcoming Operas

Dates below, 11:30 a.m. – 12:30 p.m.

Cruzar la Cara de la Luna, Sept. 29; *Rigoletto*, Nov. 3;

Eugene Onegin, Jan. 5.

thursday

Understanding Genetics

Instructor: Dr. John Olson Cost \$35

4 sessions: Thursdays, Sept. 11, 18, 25, Oct. 2

12:15 – 1:45 p.m.

Mercado, Bldg. C, Room 300

Seek the truth about DNA. Begin to unlock the mysteries of this elegant and sublime molecule. Learn what information genes carry about you, how they relate to diseases like cancer, the repercussions about the genes you received from your parents, and how you scuffle them up a bit and give them to your children. We will also learn how DNA can be manipulated to change the plants and animals around us.

Snapshot Statistics: A Romp Through Representations of Data in the Popular Media

Instructor: Dr. Marilyn Thompson lecture \$10

1 session: Thursday, Sept. 18

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

If you have ever been left wondering what the data presented really mean after reading an article or puzzling over a graph, then this interactive class is for you. In a non-technical, participative, and entertaining session, we will explore examples of how data are represented (or misrepresented) and interpreted in everyday contexts spanning health, business, and the social sciences. Feel free to bring along examples of data representations you have found in newspapers or online (e.g., statistics, graphs, or tables).

Gender Communication

Instructor: Tara Franks lecture \$10

1 session: Thursday, Sept. 25

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

This class is about the relationship between gender and communication. What is gender and how does it influence our communication? In this class, you will learn about the differences between sex and gender, gender identity and common communication patterns. We will also spend time dispelling gender stereotypes as we examine current trends in the media and everyday talk.

The Emergence of Buddhism into European Consciousness

Instructor: Dr. Mark Lussier

lecture \$10

1 session: Thursday, Oct. 2

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

In this lecture, Dr. Lussier will explore historical encounters between Buddhist cultures and European oriental scholars and shared affinities between Buddhism and European Romantic thought. The emphasis will be on the specific period (1780-1840) when Buddhist texts arrived into knowledge of European scholars, who constructed Buddhism to become the last 'world religion' to emerge into European consciousness.

Play Ball: Sports and Economic Development

Instructor: Dr. David Swindell

lecture \$10

1 session: Thursday, Oct. 9

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

Communities across the U.S. continue spending billions of dollars on new facilities for sports teams. This doesn't count the new facilities for spring training, minor leagues, universities, and community leagues. Economists say this is bad economics. Elected officials say that it's good economic development. Owners say they need the money or will have to move the team. This class unpacks these arguments to uncover why we spend tax money for private entertainment and whether there is any justification for tax money to be used in this manner.

Parasitoids: The Monster Within!

Instructor: Dr. Ken Sweat

lecture \$10

1 session: Thursday, Oct. 16

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

This class will look at the lifestyle of parasitoids, animals (often wasps) that lay their eggs inside other animals and then the young feed off of the host from the inside. We will explore how this relationship evolved using examples of gene capture, behavior modification and other unique evolutionary events that occur.

Improving Relationships through Social Intelligence Training

Instructor: Dr. Alex Zautra

lecture \$10

1 session: Thursday, Oct. 16

12:15 – 1:45 p.m.

Mercado, Bldg. C, Room 300

Individuals with strong social relationships live longer, happier lives. They experience better health, including cardiovascular functioning and enhanced immune responses. Can people be trained to improve their relationships? In this talk, Dr. Alex Zautra will present the latest research on social intelligence, the human capacity to form and maintain meaningful and fulfilling relationships. Students will learn about an innovative online training program which promises to enhance social intelligence at any stage of life.



Thursday Art Series 1:30 – 3:30 p.m.

Enroll in one or more of these four art lectures!
Location: Mercado, Bldg. C, Room 300

Jackson Pollock: His Life and Art

Instructor: Allen Reamer

1 session: Thursday, Nov. 6

By the 1960's Jackson Pollock was recognized as the most important figure of the most important style of the 20th century, Abstract Expressionism, but Pollock was not always an Abstract Expressionist. We will discuss his life and his art and how it changed. He is the quintessential New York painter, but he came from Wyoming. What is Abstract Expressionism? What is Action Painting? What was Pollock trying to do with his splashes and drips? We will discover the answer to these and other questions.

lecture \$10

Marc Chagall: His Life and Art

Instructor: Allen Reamer

1 session: Thursday, Nov. 13

Marc Chagall, born in Belarus, was an early modernist French painter, printmaker, and designer associated with several major artistic styles. He synthesized elements of Cubism, Symbolism, and Fauvism in his art. We will examine his life and works of art.

lecture \$10

Modern and Contemporary Women Artists

Instructor: Allen Reamer

1 session: Thursday, Nov. 20

We will examine the art of women artists, both familiar and less familiar to us, who produced modern and contemporary art. We will examine their work by style; their style of work and why it is of that style. We will continue until we run out of time.

lecture \$10

Survey of Modern and Contemporary Art and Artists

Instructor: Allen Reamer

1 session: Thursday, Dec. 4

We will cover some Modern and Contemporary art styles practiced by American artists. You will discover the characteristic of each style and the similarities and differences of each artist within each style. We will start with Abstract Expressionism and continue with Kinetic Art, Pop Art, Magic Realism, Contemporary Realism, Hard Edge, Washington Color School, Minimalism, Junk Art, Installation Art, and beyond until we run out of time.

lecture \$10

Escribir Phoenix / Writing Phoenix

Instructor: Dr. David Foster

1 session: Jueves 13 de noviembre / Thursday, Nov. 13

10:15 – 11:45 de la mañana / 10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

A pesar de ser una de las grandes metrópolis de EE.UU., Phoenix es una ciudad que, para muchos, no tiene historia y que, lamentablemente, no tiene nada interesante escrito sobre ella. Esta conversación pretende examinar las razones para semejantes afirmaciones sobre Phoenix y exponer sobre algunos ejemplos de textos interesantes, la misma literatura que enseñamos, sobre la capital arizonense.

lecture \$10

Enjoy OLLI's first class delivered in Spanish!
¡Disfrute de la primera clase OLLI en español!

In spite of being one of the largest metropolises in the USA, Phoenix is a city that, for many, has no history and unfortunately, does not have anything of interest written about it. This conversation examines the reasons for these assertions about Phoenix and provides some examples from interesting texts, the same literature that we teach about the capital of Arizona.

Negative Campaigns and U.S. Congressional Elections

Instructor: Dr. Gina Woodall

1 session: Thursday, Oct. 23

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

In this lecture, Dr. Woodall will discuss and show examples of the different types of negative ads used in congressional elections. The effectiveness of such ads differs, depending on the sex of the sponsoring candidate and the targeting candidate. We will analyze the following questions: Why do these differences exist? What does the research suggest? How likely is it that negative campaigns will dissipate in the future? Finally, what would your ideal political advertisement look and sound like?

lecture \$10

Social Entrepreneurship: Force for Social Good – and Bad?

Instructor: Dr. Gordon Shockley

1 session: Thursday, Oct. 23

12:15 – 1:45 p.m.

Mercado, Bldg. C, Room 300

Social entrepreneurship is fundamentally about social change. In recent years social entrepreneurship has become appropriately recognized for the social good that it has produced across the globe, such as that produced by Muhammad Yunus (Nobel Peace Prize 2006) and his Grameen family of ventures. But there is nothing inherent to the idea of social entrepreneurship that ensures that it only produces social good. We will conclude our discussion with the possibility of this "dark" side of social entrepreneurship.

lecture \$10

Understanding Culture and Building Community

Instructor: Dr. Matthew Whitaker

lecture \$10

1 session: Thursday, Nov. 6

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 300

Why do employees often struggle to work together effectively and consistently? Why do many employees fail to make the most of their collective potential? In what ways do racial, gendered, and religious notions and stereotypes erect silos and undermine productivity? In this lecture, Dr. Whitaker will answer these questions and offer coherent and practical solutions for leveraging diversity and inclusion to increase teambuilding, innovation, and productivity.

friday

This lecture is dedicated to the memory of devoted OLLI student, Pat Johnson



Sirens of Song: The Onstage and Offstage Lives of Opera Divas

Instructor: Dr. Kerry Ginger

lecture \$10

1 session: Friday, Sept. 12

10:15 – 11:45 a.m.

Cronkite Bldg., Room 256

Women have always played a central role in opera, their magnetism onstage matched by their star power offstage. The stories of opera are filled with femmes fatales, good-hearted courtesans, and cunning vixens, but the real heroines of opera are its majestic singers, who bring these roles to life. Come learn about the fictional and non-fictional lives of the women who have defined – and defied – the traditions of opera for over 400 years.

More Than Just the Facts: Making Nonfiction Fun

Instructor: Conrad Storad

lecture \$10

1 session: Friday, Sept. 12

12:15 – 1:45 p.m.

Cronkite Bldg., Room 256

This class is a beginner's guide for grandparents, parents and teachers who work with young writers and readers, both the enthusiastic and reluctant variety. In this workshop, Mr. Storad will provide a unique perspective on writing and presenting nonfiction material when working with students ages 5 to 12. OLLI students will complete several short writing exercises during the session and present and discuss them with the group.

Religious Traditions of the World

Instructor: Dr. Mirna Lattouf

Cost \$35

4 sessions: Fridays, Sept. 19, 26, Oct. 3, 10

10:15 – 11:45 a.m.

Cronkite Bldg., Room 256

This course will introduce students to less-known religious traditions that have very old roots and yet have influenced many of our beliefs today. One session each will be devoted to the traditions of Ancient African Traditions, Taoism, Zoroastrianism, and Wicca. These philosophies have recently received attention in the West for various reasons, one of which is the idea of our interconnectedness.

Sustainability: Beyond Patchouli and into the Future

Instructor: Colin Tetreault

Cost \$30

3 sessions: Fridays, Sept. 19, Oct. 3, 10 (no class Sept. 26)

12:15 – 2:00 p.m.

Cronkite Bldg., Room 256

Learn about the interdisciplinary world of sustainability, how it impacts our environment, what it means to us as a society, and how it shapes our economies. We will cover how sustainability relates to agriculture, health, and decision making. We will also discuss how sustainability affects and is influenced by the climate, air, water, energy, and more! Patchouli oil is optional, but please do not wear it to class!

Introduction to Travel Writing

Instructor: Dan Fellner

Cost \$35

4 sessions: Fridays, Oct. 17, 24, 31, Nov. 7

10:15 – 11:45 a.m.

Mercado, Bldg. C, Room 146

Have you ever wanted to share your travel experiences beyond just friends and relatives? Perhaps even get paid for doing so? This course offers an introduction to the exciting field of travel writing. We will hone the skills that travel writers need to get their work published, including research, interviewing, writing compelling leads, story structure, and shooting photos to accompany the story. The goal is that students will gain the knowledge and ability to ultimately publish their own travel articles in newspapers, magazines, or on the Web.

Where Has All the Fiction Gone? How the Short Story Became the Anti-Story

Instructor: Dr. Rosemarie Dombrowski

Cost \$35

4 sessions: Fridays, Oct. 17, 24, 31, Nov. 7

1:30 – 3:00 p.m.

Mercado, Bldg. C, Room 146

Though it isn't new, readers continue to struggle to define and appreciate the anti-story. We'll be breaking it down into its respective sub-genres beginning with *flash* – a story under a thousand words that communicates via the minutia, the mundane, an abundance of poetic-language coupled with a shortage of action. We'll then foray into the *hermit crab* – creative pieces that take on the forms of some non-creative form (e.g., a grocery list). We'll also explore *metafiction*, fiction that reveals (and revels in) the process more so than the product, offering readers architectural transparency though perhaps not clarification. Readings will be provided.

Exploring the Masters of Jazz

Instructor: Jeffrey Libman

Cost \$35

4 sessions: Fridays, Nov. 14, 21, Dec. 5, 12 (no class Nov. 28)

10:15 – 11:45 a.m.

Cronkite Bldg., Room 256

ASU jazz guitar instructor Jeff Libman will examine the lives and music of a selection of jazz legends. One session each will be devoted to trumpet players, tenor saxophonists, vocalists, and pianists. Come learn about jazz masters such as Louis Armstrong, John Coltrane, Ella Fitzgerald, and Bill Evans. This class will involve listening to several classic recordings and viewing performance videos. Jeff will also demonstrate relevant jazz concepts on guitar and/or voice.

Seeking Usefulness & Beauty: An Overview of the Arts & Crafts Movement, 1860 – 1920

Instructor: Dr. Beverly Brandt, Professor Emerita Cost \$35

4 sessions: Fridays, Nov. 14, 21, Dec. 5, 12 (no class Nov. 28)

12:15 – 1:45 p.m.

Cronkite Bldg., Room 256

Do you watch *Antiques Roadshow*? Do you find yourself drawn to a Tiffany lamp, Stickley chair, or piece of Grueby pottery? Then this course is for you! It will cover the origins of the Arts & Crafts movement in England, how it influenced American architecture and interiors from the Northeast to the Southwest, where American consumers purchased arts-and-crafts products, and why the American branch of the movement began in Boston in the 1890s. We will also ponder why the quest for “Usefulness and Beauty” still resonates with consumers today.



“Teaching the Osher classes has been the best teaching experience of my life.”

Dr. Ahren Sadoff

“I love the Osher program and tell everyone I meet about it. Thank you very much for your efforts in providing this program to the community.”

A happy OLLI student

asu downtown campus

**Office Location: 411 N. Central Avenue, 5th floor, room 544
Phoenix, AZ 85004
602.496.1191**

Mikulas “Nick” Pstross, Coordinator
Email: Mikulas.Pstross@asu.edu
Website: <http://lifelonglearning.asu.edu/downtown>

All classes are held at the ASU Downtown Phoenix campus, unless otherwise noted. Room locations will be stated on your registration confirmation form.

parking

Public and ASU parking lots are conveniently located around the campus. We offer our members discounted parking in designated ASU lots. 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 to plan your ride to campus.

refund policy

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

how to register!

registration information

Registration is required for all offerings and free events.

ONLINE REGISTRATION

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Pay with a credit card.
- **By MAIL:** Mail in your registration form with a check payable to “ASU” to:

Osher Lifelong Learning Institute at ASU
PO Box 37100
Mail Code 3251
Phoenix, AZ 85069-7100

Registration forms may be downloaded from
<http://lifelonglearning.asu.edu> or requested by calling
602.543.6440.

monday

Through Women's Eyes: Rebellious Lives – Changemakers in 20th Century U.S. History

Instructor: Dr. Pamela Stewart **Cost \$35**
4 sessions: Mondays, Sept. 15, 22, 29, Oct. 6
10:30 a.m. – noon

While it may be true that “well-behaved women seldom make history,” women have nonetheless made a lot of history! This course introduces some of the “rebels” who created and contributed to change over the 20th century. Themes such as politics, civil rights, the military, journalism, business, art, and even athletics, allow us to explore how individual women led the way in creating for us a very different nation.

Special Relativity: Case Closed

Instructor: Dr. Richard Jacob, Professor Emeritus **Cost \$35**
4 sessions: Mondays, Nov. 10, 17, 24, Dec. 1
1:00 – 2:30 p.m.

The weird, non-intuitive phenomena of Einstein's Theory of Special Relativity easily invites skepticism from those who do not understand it. As a scientific discipline, Special Relativity is held to the same criteria of observation as all of science. In this course, it will be demonstrated how Special Relativity has fulfilled this requirement to a higher degree than any other scientific law or theory. We will display and discuss all those fun, unimaginable characteristics of Special Relativity that attract curiosity.

Political Ideologies

Instructor: Brian Blanchard **Cost \$35**
4 sessions: Mondays, Nov. 17, 24, Dec. 1, 8
10:30 a.m. – noon

What is the difference between a liberal and a conservative? A socialist and a fascist? This course offers an introduction to political ideologies. We will identify the key features of these belief systems which have shaped political events for over two centuries. In examining these ideologies, we will consider how they originated, how they evolved and how they still affect political events here in the U.S. and across the world.

tuesday

Chemistry in the Real World

Instructor: Dr. Kirstin Hendrickson **Cost \$35**
4 sessions: Tuesdays, Sept. 16, 23, 30, Oct. 7
10:30 a.m. – noon

Chemistry *is more fun* than you ever imagined! Far from being the dull science of balancing equations and making solutions explode, chemistry is nothing less than what happens inside us and all around us, all the time, every day. Why are barns painted red? Were the alchemists onto something when they tried to make gold from lead? Is there anything to herbal medicine (and on that note, where's the line between a pharmaceutical and a poison)? What does the human body need to stay healthy? Why do diets almost always fail? The answers are rooted in REAL WORLD chemistry. Dr. Hendrickson addresses in her trademark speaking style: always relevant, often irreverent, so much fun that you'll forget you're in a class . . . until you realize how much you've learned!

Peer into Alternative Religions in America

Instructor: Dr. Keith Crudup **Cost \$35**
4 sessions: Tuesdays, Sept. 16, 23, 30, Oct. 7
2:00 – 3:30 p.m.

What do Tom Cruise and Kirstie Alley see in Scientology? What is the “New Age” and is it really that new? Why did Mary Todd Lincoln frequent séances, and why did many Americans during the colonial period dabble in witchcraft? Notwithstanding the perception that the United States has been perceived as a “Christian nation,” alternative religious expressions and denominations have been a part of the American religious landscape from the very beginning. This course will investigate some of the alternative religious expressions and denominations that have dotted that patchwork quilt of religious diversity that is part of religion in America.

Not My Father's News: How the Digital Revolution Shapes What We Know of the World

Instructor: Dr. John Craft **Cost \$35**
4 sessions: Tuesdays, Oct. 14, 21, 28, Nov. 4
10:30 a.m. – noon

What most of us know about the world comes through newspaper, radio and television newscasts and surfing the internet. For the past 200 years, information has been rationed in an organized form through mass media institutions. We trusted news personalities, such as Walter Cronkite, to tell us “the way it is,” but now, digital technology allows any and all of us to lend our voices to the “news business.” What are the societal ramifications of this shift? How does this affect our global view? We will examine the societal functions of the news media, our trust in those we see on TV, ethics of news communications, and the digital future of electronic journalism.



A Great Debate: Fallacy and Fact in Presidential Debates

Instructor: Dr. Dawn Penich-Thacker

Cost \$35

4 sessions: Tuesdays, Oct. 14, 21, 28, Nov 4

1:00 – 2:30 p.m.

This course will cover rhetorical fallacies, tracking and analyzing their use in contemporary political debate. Each session will focus on a specific presidential campaign debate, or series of debates, to consider the ways American politics manipulates information and the reasons American voters allow this to happen.

Art and Theater: Weapons Against the Protestant Reformation

Instructor: Dr. Don Dietz, Professor Emeritus

Cost \$35

4 sessions: Tuesdays, Nov. 18, 25, Dec. 2, 9

1:00 – 2:30 p.m.

In its attempt to counter the Protestant Reformation in Europe, the Catholic Church responded not only by intensifying the dreaded Inquisition but also by soliciting the aid of artists and dramatists of the 16th and 17th centuries. This was particularly true in Spain, where Charles V and Phillip II – the Holy Roman Emperors – saw themselves as the great defenders of the Catholic faith. This course will focus on some of the religious paintings and one-act allegorical plays of the Spanish Renaissance and the Baroque to reveal just how art and the stage aided the Church in combating the Protestant Reformation. We will view paintings and read a short play in translation, Pedro Calderon de la Barca's *The Great Theater of the World*. A comparison of various productions of this play will illustrate how contemporary directors perform theological doctrine on the modern stage.

wednesday

Educational Travel Opportunities

Instructors: Martha Byrd, Rhonda McClintock, and David McElwee

Cost Free

1 free session: Wednesday, Sept. 24

10:30 a.m. – noon

Did you know the travel opportunities offered by the ASU Alumni Association also are available to students of the Osher Lifelong Learning Institute? Join us for a presentation to learn about the educational trips we offer and how you can participate. Explore exotic locations, immerse yourself in the culture, history and cuisine of other countries around the globe, meet new people, and see the world with us. In 2015 we are planning to bring you a greater variety of trips with opportunities to experience other cultures and see amazing sights.

World Odyssey: Earth's Musical Community

Instructor: Josh Bennett

Cost \$35

4 sessions: Wednesdays, Sept. 24, Oct. 1, 8, 15

3:00 – 4:30 p.m.

Let's study the performance practices, cultures and instruments of several countries and communities from around the world! Our musical journey will include Indian Classical Music, Balinese Gamelan, Latin Folk/Jazz, the music of Eastern European Mountain regions, and music from our own back yard in North America. So take a ride around the world as our imaginations and concepts of music are challenged and shaped by our global neighbors.

From Kiev to Kosovo: Eastern Europe's Democratic Revolution

Instructor: Dan Fellner

lecture \$10

1 session: Wednesday, Oct. 1

10:30 a.m. – 12:15 p.m.

No region in the world has undergone more dramatic change in the last quarter century than Eastern Europe. After 50 years of Soviet occupation, most of the countries in Eastern Europe have thrown off the shackles of communism and experienced a dramatic transformation toward democracy. But tensions in the region remain, underscored by the recent conflict between Russia and Ukraine. What other potential hotspots could erupt into armed conflict? What is America's role in the region? This highly visual presentation will take you on a fascinating journey to Eastern Europe and provide historical context and perspective on the challenges still facing this volatile and culturally diverse part of the world.

German Expressionism

Instructor: Allen Reamer

Cost \$35

4 sessions: Wednesdays, Nov. 5, 12, 19, Dec. 3

10:30 a.m. – 12:30 p.m.

Expressionistic artists painted to show emotion and their feelings, not reality – 'Art is nothing but the expression of our dreams.' We will explore the art movements the Expressionists pulled from and what they reacted to. Expressionist schools and groups included Blue Rider, The Bridge and The New Objectivity. We will cover the history of Expressionism, and you will learn about these schools of art, the artists and their art work.

Encounters Between Poets and Visual Art

Instructor: Dr. Kelly Nelson

Cost \$35

4 sessions: Wednesdays, Nov. 5, 12, 19, Dec. 3

1:30 – 3:00 p.m.

Deepen your appreciation and understanding of both poetry and art in this class on poetry inspired by visual art. We will view art by Edward Hopper, Van Gogh, Picasso and others, and read poems by Alberto Rios, Rita Dove and Adrienne Rich among others, to explore how writing can extend the meaning of a piece of art. This interactive class combines mini-lectures, discussion, writing exercises and (optional) presentations.

Generations of Painting: The Wyeths

Instructor: Allen Reamer

lecture \$10

1 session: Wednesday, Dec. 10

1:30 – 3:30 p.m.

N.C. Wyeth was the father of three generations of artists, and though he is best known as an illustrator, his son, Andrew, became a well-known artist. In this lecture, we will look at the lives of this family of artists and their works.



thursday

Interwar Europe: An Anxious Peace

Instructor: Dr. Robert Niebuhr

Cost \$35

4 sessions: Thursdays, Sept. 25, Oct. 2, 9, 16

10:30 a.m. – noon

This course examines the radical transformations in military policy, politics, and international diplomacy brought about by World War I. When the war ended in 1919, people across Europe were desperate, tired, and confused. Despite Woodrow Wilson's idea that World War I was the "war to end all wars," Europe once again engaged in total war a mere 20 years after the Treaty of Versailles. We will cover the period from the peace treaties until the invasion of Poland in 1939. We will focus on ideology, diplomacy, and military transformation, and examine European societies during this time.

Bloody Thoughts: Revenge in Literature

Instructor: Heather Ackerman

Cost \$35

4 sessions: Thursdays, Sept. 25, Oct. 2, 9, 16

1:00 – 2:30 p.m.

"An act is not revenged unless it is surpassed" – Seneca. What is the difference between revenge and justice? What happens to people who take revenge? What does it take to stop a cycle of vengeance? Why do we enjoy tales of such dark intentions? We will review a broad cross-section of the revenge genre in order to explore such questions. We will start with Euripides' *The Bacchae*, a classic example of hubris and godly wrath. To represent the Renaissance revival of revenge tragedies, we will read Shakespeare's *Titus Andronicus*, a play in which two families are surreptitiously plotting against each other because they cannot go through the proper channels of justice. We will move on to more modern examples – short stories by Poe, Wharton and Dahl, in which revengers are not necessarily punished and revenge is more subtle. In our last class, we will talk about *The Count of Monte Cristo*, a novel that simultaneously offers revenge and redemption.

Winston Churchill: Leader and Legend

Instructor: Dr. Roger Adelson

lecture \$10

1 session: Thursday, Oct. 23

10:30 a.m. – noon

What traits and circumstances made this man so remarkable? We will review Churchill's public life, 1904 – 1955, and examine his successes and failures in Great Britain before WW II as well as his legendary roles during and following the war. Join us as we assess this extraordinary man's political and public careers.

Grave Robbing for Fun and Education

Instructor: Dr. John Olson

Cost \$45

5 sessions: Thursdays, Oct. 23, 30, Nov. 6, 13, 20

1:00 – 2:30 p.m.

The use of cadavers, or human remains, in medicine and science has a colorful and interesting history. In this course we will discuss the birth of medicine, the use of human remains in advancing our scientific and medical knowledge, and where modern medicine is moving as our technology increases. We will see examples of cadaveric specimens, medical plastinates, high-grade educational replicas, and computer simulations.

Acts of Kindness Are Not Random

Instructor: Rabbi Barton G. Lee

Cost \$35

4 sessions: Thursdays, Oct. 30, Nov. 6, 13, 20

10:30 a.m. – noon

This course will present the assertion that kindness should not be random but should become a habit. We will examine Jewish texts in translation and discuss what kindness might mean in situations of relationships, in business, and in dealing with illness and death. Class conversation will examine the role of "law" and of graciousness in developing a kindness habit.

saturday

From Hildegard to Streisand: Perspectives on Women in Music

Instructor: Dr. Kerry Ginger

Cost \$20

2 sessions: Saturdays, Oct. 11, 18

10:00 a.m. – noon

This course explores the rich history of women in Western music. From the cloistered voices of medieval nuns to the powerful voices of modern pop divas, women have influenced musical ideas for centuries. Come learn about the role that women composers, prima donnas, popular icons, and even female characters have played in our musical tradition.



"Without exception, every professor with whom I've studied has been knowledgeable, committed and engaging. The education is personalized and totally accessible. I can honestly say this has been among the tip top of the most positive educational experiences of my life. I am most grateful to Mr. Osher and to his co-educators."

Bonnie

tempe connections

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

Jolene Gosling, Coordinator
Email: Jolene.Gosling@asu.edu
Website: <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. Upon entering the property, signs will direct you to parking and the classroom.

refund policy

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

how to register!

registration information

Registration is required for all offerings and free events.

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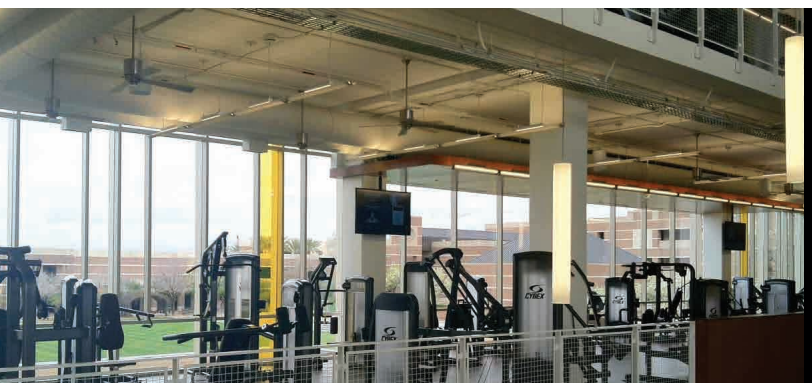
- **By PHONE:** Call 602.543.6440

Pay with a credit card.

- **By MAIL:** Mail in your registration form with a check payable to "ASU" to:

Osher Lifelong Learning Institute at ASU
PO Box 37100
Mail Code 3251
Phoenix, AZ 85069-7100

Registration forms may be downloaded from <http://lifelonglearning.asu.edu> or requested by calling 602.543.6440



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OLLI at ASU members are eligible to join the Sun Devil Fitness Complex for only \$125 per semester. For fitness membership or a tour, contact the ASU West campus Complex at 602.543.3488 or the ASU Downtown Phoenix campus Complex at 602.496-7777. Membership is honored at any of the four ASU Fitness Complexes.

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Amenities may vary by location. Visit <https://fitness.asu.edu/facilities/amenities> to find specific information about the amenities at each campus.

tuesday

Target Earth: Asteroids, Comets and Near-Earth Objects

Instructor: Dr. Per Aannestad, Professor Emeritus

1 session: Tuesday, Oct. 14

10:30 a.m. – noon

lecture \$10

Village Center, Skirm Auditorium

On February 15, 2013, a meteor weighing 10,000 metric tons exploded above Chelyabinsk, Russia, releasing more than 30 times the energy of the Hiroshima bomb and injuring hundreds. There are more than 10,000 asteroids and comets that can pass near Earth. This lecture will describe the various groups of objects that may pose a threat, some of the earlier impacts, and how we might even prevent or mitigate the effects of a disastrous collision in the future.

George W. P. Hunt of Arizona: First Governor and Battling Crusader

Instructor: Dr. David Berman, Professor Emeritus

1 session: Tuesday, Oct. 28

10:30 a.m. – noon

lecture \$10

Village Center, Skirm Auditorium

A drifter from Missouri, George W. P. Hunt managed to win seven terms as governor of Arizona, including the first one starting in 1912. This highly colorful politician led the progressive efforts to open the political system to the people, reign in large corporations, protect labor and bring about penal reform (including abolishing capital punishment). He also led the battle to protect Arizona's water from California. This discussion focuses on his life, times, causes and legacy. Hunt's Tomb stands on a hilltop in Phoenix's Papago Park, now on the National Register of Historic Places.

wednesday

Making Sense of Digital Devices: What Do You Really Need?

Instructor: Dr. Michael Pfister

1 session: Wednesday, Oct. 15

10:30 a.m. – noon

lecture \$10

Village Center, Private Dining Room

In a world of so many different types and models of digital devices (smart phones, tablets, laptops) it is becoming increasingly difficult to make sense of what they do, how they function, and what applications might actually be appropriate for the user. This session will examine the various kinds of communication technology available, what each one does, approximate costs, security and privacy concerns, and how these devices can actually empower you to present and communicate your ideas. Finally, we will look at why someone might choose one device over another and what devices might work best for the user.

Arizona Dragonflies and Damselflies: Life History, Distribution and Other Fascinating Facts

Instructor: Dr. Pierre Deviche

1 session: Wednesday, Oct. 22

1:30 – 3:00 p.m.

lecture \$10

Village Center, Private Dining Room

The class is an introduction to Arizona dragonflies and damselflies, with emphasis on their life cycle and adult life history including foraging, reproduction, ecological importance and migration. We will discuss why the study of these ancient insects offers many opportunities for new and exciting discoveries for scientists and amateurs and why this study is of particular interest in Arizona.

Impressionism in France

Instructor: Allen Reamer

Cost \$35

4 sessions: Wednesdays, Oct. 29, Nov. 5, 12, 19

2:00 – 4:00 p.m.

Village Center, Private Dining Room

We will focus on Monet, Renoir, Sisley, Pissarro and Morisot including some less well-known Impressionistic painters who worked in France. We will discover how earlier painters influenced the Impressionists, what these great painters were trying achieve and how they did it.



"I have two more friends interested in OLLI. I will keep on recruiting because I love your program and the staff. You make it so welcoming and easy for us."

Joyce

Artists of the American West

Instructor: Allen Reamer

Cost \$20

2 sessions: Wednesdays, Dec. 3, 10

Times and locations listed below

Phoenix is a center for the display, enjoyment and sale of Western art. Join us for this two-part course focusing on both understanding and experiencing art of the American West. Limited to 20 registrants.

Part I: Lecture on Western Artists

Wednesday, Dec. 3, 1:30 – 3:00 p.m.

Friendship Village, Village Center, Private Dining Room

Phoenix has a tradition of collecting and displaying work of Western Artists. In this lecture we will begin by discussing the roots of Western Art. You will discover that this style had roots in the Eastern United States and combined elements of European art. We will discuss specific Western Artists and their work. We will talk about the aesthetic aspects, the compositional aspects, the drawing, the subjects, and the color schemes of their work. You will discover what characteristics make an artist a Western Artist.

Part II: Zelma Basha Salmeri Gallery visit

Wednesday, Dec. 10, 10:00 a.m. – noon

22402 S. Basha Rd., Chandler (gallery admission is free)

Do you know we can visit and see one of the largest collections of contemporary Western American and American Indian art right here in metro-Phoenix? The Zelma Basha Salmeri Gallery of Western American and American Indian Art has over 3,000 pieces of art on display. The museum offers neither guides nor tours, but for our visit, OLLI instructor Allen Reamer will be with us to discuss some of the paintings, drawings, and sculpture. His talk will focus both on the aesthetics and the technical aspects of the art, such as the composition, methods used by the artists to create depth, color scheme, motif, paint application technique, what was being expressed, and how it was expressed.

thursday

History of Latin Music and Its Instruments

Instructor: Dom Moio

Cost \$35

4 sessions: Thursdays, Sept. 25, Oct. 2, 9, 16

1:30 – 3:00 p.m.

Village Center, Private Dining Room

Learn firsthand about the percussion instruments used to produce the beat of the most popular music from Cuba, Brazil, Dominican Republic and Trinidad. View a video and dance in your seat while we trace the instruments to their African roots. In each of the sessions, the instructor will share the history of the different percussion instruments while demonstrating each one and explaining their importance in creating the beats of the highlife, Afro beat, cha cha, mambo, samba and calypso.

The Emerging Era of Personalized Medicine

Instructor: Dr. Catherine Seiler

Cost \$35

4 sessions: Thursdays, Oct. 30, Nov. 6, 13, 20

2:30 – 4:00 p.m.

Village Center, Skirm Auditorium

Imagine that at birth each person has their genome fully sequenced, and throughout life doctors used this information along with family history, environmental factors, lifestyle choices and real-time health tracking data to shape each and every medical decision. Disease prevention, detection and treatment is personalized based on your unique profile. In this course, we will take a journey exploring the history, scientific advances, and people that have led to the dawn of the era of personalized medicine. We will explore what personalized medicine means today and the possibilities for personalized medicine in the future along with some of the ethical, legal and moral issues surrounding this new type of medicine.

Ink and Watercolor Flowers A - H

Instructor: Allen Reamer

Cost \$35

4 sessions: Thursdays, Nov. 6, 13, 20, Dec. 4 (no class Nov. 27)

10:00 a.m. – noon

Recreation Center

This course takes a step-by-step approach to drawing and painting beautiful flowers with ink and watercolor. Whether you have drawn flowers or not, this class teaches you how to create beautiful colorful flowers using techniques and procedures. You will learn what your tools can do and the steps necessary to produce works of art using these tools. There will be demonstrations showing you how to use pen and watercolor. The majority of the rest of the course will be spent in learning to draw specific types of flowers that begin with letters A to H. During the last session we will talk about composition and putting together your flowers into a larger picture. Required supplies: an inexpensive set of watercolors, thin line and very thin line black waterproof pens, water container, 140 lb. or heavier watercolor paper (your choice of size), HB or #2 pencil, vinyl eraser, soft paper towels, plastic sheet to cover table, small round watercolor brush, medium round watercolor brush.

“Thanks for doing such a great job with OLLI. It is so wonderful to have so many interesting classes available to those of us 50 and older who love learning.”

Gilda

“With this selection of courses, I’m tempted to put in my retirement papers now.”

Timothy

Creative Writing: Memoir Workshop I

Instructor: Dr. Elizabeth McNeil Cost \$60

6 sessions: Fridays, Sept. 5, 12, 19, 26, Oct. 3, 10

noon – 2:00 p.m.

Village Center, Administrative Conference Room

This class is for students at any level of writing experience who are interested in getting their memories down on the page. Through readings, exercises, assignments, and in-class workshops, students will enjoy delving into their wealth of memory to learn and practice the craft of writing memoir. Some instruction will also be provided in poetry memoir. An email account and access to a computer and printer are required. Since the class is held during lunchtime, feel free to bring a brown bag lunch. Please contact the instructor with questions at mcneil@asu.edu.

Film Noir

Instructor: Dr. Ian Moulton Cost \$35

4 sessions: Fridays, Sept. 26, Oct. 3, 10, 17

10:30 a.m. – noon

Recreation Center

This course focuses on the “film noir” crime movie genre from the 1940s to the 1970s. These films used stylish and dramatic lighting and composition to tell morally ambiguous stories of the dark side of contemporary urban life, featuring tough cynical detectives and dangerously beautiful women. Films studied will include Howard Hawk’s *The Big Sleep* (Bogart and Bacall), Jacques Tourneur’s *Out of the Past* (Robert Mitchum and Jane Greer), Orson Welles’ *Touch of Evil* (Welles, Janet Leigh, Marlene Dietrich), and Roman Polanski’s *Chinatown* (Jack Nicholson and Faye Dunaway).

Creative Writing: Memoir Workshop II

Instructor: Dr. Elizabeth McNeil Cost \$60

6 sessions: Fridays, Oct. 17, 24, 31, Nov. 7, 14, 21

noon – 2:00 p.m.

Village Center, Administrative Conference Room

This class is for students at any level of writing experience who are interested in getting their memories down on the page. Through readings, exercises, assignments, and in-class workshops, students will enjoy delving into their wealth of memory to learn and practice the craft of writing memoir. Some instruction will also be provided in poetry memoir. An email account and access to a computer and printer are required. You do not need to have taken any of Dr. McNeil’s previous classes to enroll. For those who have, however, new exercises and techniques will be introduced. Since the class is held during lunchtime, feel free to bring a brown bag lunch. Please contact the instructor with questions at mcneil@asu.edu.

“I wanted to let you [Dr. Elizabeth McNeil] know how much I appreciate and value the time you take to make corrections and suggestions. They are so helpful, and I incorporate them every time. You are a fabulous teacher, and I have learned so much in your classes. Thank you again for all your efforts to help me become a better memoir writer!”

Bonnie

friendship village tempe

2645 E. Southern Avenue
Tempe, AZ 85282
480.831.3303

Lois Lorenz, Coordinator
email: Lois.Lorenz@asu.edu
Website: <http://lifelonglearning.asu.edu/village>

All classes are held at Friendship Village unless otherwise noted. See course 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.

refund policy

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

how to register!

registration information

Registration is required for all offerings and free events.

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Mail Code 3251
Phoenix, AZ 85069-7100

Registration forms may be downloaded from <http://lifelonglearning.asu.edu> or requested by calling 602.543.6440

monday

The Life and Work of Leonardo da Vinci

Instructor: Allen Reamer

1 session: Monday, Oct. 6

10:00 a.m. – noon

The Lodge

Leonardo da Vinci was a High Renaissance artist who is still recognized today as a genius. We will follow his life from birth to death, learning about the historical context in which he worked and the characteristics of his art.

lecture \$10

America the Beautiful

Instructor: Phoenix Art Museum Docent

1 session: Monday, Oct. 20

10:30 – 11:30 a.m.

The Lodge

How did the American landscape of the 19th century impact our culture? Enjoy the musical "rendition" of America the Beautiful during this truly artful American morning!

lecture \$10

The Portrait Now

Instructor: Phoenix Art Museum Docent

1 session: Monday, Nov. 3

10:30 – 11:30 a.m.

The Lodge

See how we have gone from traditional portraits to the very inventive and surprising ways contemporary artists are depicting the human figure. This lecture will include photography, sculpture, painting and other media. Be prepared to see the genius, humor and outrageous creativity of artists on the cutting edge.

lecture \$10

The Illusionists Photographers Who Challenge Our Sense of Reality

Instructor: Phoenix Art Museum Docent

1 session: Monday, Nov. 10

10:30 – 11:30 a.m.

The Lodge

We will look at the work of several photographers, who have designed images that are both mysterious and compelling. As we are drawn into their world, one cannot help but wonder if we are looking at something real or created. Discover photographs that take us on unexpected journeys and make us think about reality and our own lives.

lecture \$10

tuesday

Meat from Factories, and Radical Life Extension: Are You Ready for the Future?

Instructor: Dr. Braden R. Allenby

Cost \$35

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

3:00 – 4:30 p.m.

The Lodge

Technologies such as the railroad and electrification dramatically changed human, natural, and built systems as they developed during their time. Today, not one but five major technology systems: nanotechnology, biotechnology, information and communication technology, robotics, and applied cognitive science – are changing dramatically. And just as in the past, our world will change as well: some firms are already planning to shift meat production from cows and pigs to factories, and medical schools confidently predict that radical life extension is possible, and that the first individual to live to 150 years with a high quality of life has already been born in the United States. The future increasingly looks like science fiction, and in many ways is already emerging around us. Join us as we explore some of the implications of factory meat, radical life extension, and unpredictable technological change – our future.

Performance Secrets of Olympic Champions

Instructor: Dr. Ralph Vernacchia, Professor Emeritus

1 session: Tuesday, Oct. 21

10:30 a.m. – noon

The Lodge

A blend of Olympic history and philosophy, sport psychology, and human performance, this presentation highlights the mental attributes and attitudes Olympic champions utilize to excel in the arena of high-performance sport. Principles of passion, personal and performance excellence are highlighted in this presentation which addresses the five C's of successful athletic workplace and life performance: character, confidence, concentration, composure and commitment.

lecture \$10

Winning Their Place: Arizona Women in Politics, 1883-1950

Instructor: Dr. Heidi Osselaer

1 session: Tuesday, Nov. 4

10:30 a.m. – noon

The Lodge

In January of 1999, five women were sworn in as Arizona's top executive offices by Supreme Court Justice Sandra Day O'Connor. But Arizona's female politicians had been making history since 1883, when they first demanded the right to vote. We'll discuss some of the state's most important early female politicians, like suffrage leader Frances Willard Munds, Legislator Nellie Trent Bush, Congresswoman Isabella Greenway, and Justice Lorna Lockwood. These women established a tradition of holding office prior to 1950 that has allowed Arizona to become a leader in electing women to public office. Based on Dr. Osselaer's book *Winning Their Place: Arizona Women in Politics, 1883-1950*.

lecture \$10



Sparkling Life Story Writing

Instructor: Dr. Debra A. Schwartz

Cost \$30

3 sessions: Tuesdays, Nov. 4, 11, 18

2:30 – 4:00 p.m.

The Lodge

This course will focus on the difference between autobiography, biography, personal narrative and memoir. We will speed-write in class, a technique for out-running your inner critic as well as teasing the writer in you. If you are up to it, there might be some homework, so bring pen and paper to class. We will share our work, look at differences within life story writing, and experience exercises and techniques writers use to get going. Be prepared to dip your toes into humor writing techniques and look at interviewing techniques helpful for obtaining oral biographies.

The Science of Your Nutrition and Health

Instructor: Jennifer Donovan

Cost \$30

3 sessions: Tuesdays, Dec. 2, 9, 16

3:30 – 4:30 p.m.

The Lodge

This is an introduction to the scientific approach as to how nutrition can impact our health. Learn about the past, current and future trends and how they relate to recent health issues.

wednesday

A Festive Gateway to Chinese Culture

Instructor: Dr. Tiffany Chiujung Chen Raiser

Cost \$35

4 sessions: Wednesdays, Oct. 22, 29, Nov. 5, 12

10:30 a.m. – noon

The Lodge

The Spring Festival, Lantern Festival, Dragon Boat Festival, and Mid-Autumn Festival are just a few of the festivals celebrated by many Chinese around the world. This course will be a fun way to learn how these festive occasions peer into Chinese history, traditions, and values. You will observe the lunar calendar to cover the traditional festivals as a gateway to China and her people.

thursday

Meet the Great Bands and Their Drummers

Instructor: Dom Moio

Cost \$35

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

10:30 a.m. – noon

The Lodge

Who were the drummers that made the bands of Louis Armstrong, Benny Goodman, Harry James, Duke Ellington, Woody Herman, Count Basie and Buddy Rich so great? Live in the era and dance in your seat as we view videos of the bands. Experience the various rhythms as Dom plays the instruments and gives an in-depth overview of the great drummers and how they produced these popular beats.

American Musical Composers: An All-American Trio

Instructor: Dr. Lou-ellen Finter, Professor Emerita **lecture** \$10

1 session: Thursday, Nov. 6

10:30 a.m. – noon

The Lodge

Learn about the lives of 19th and 20th century great composers Irving Berlin, Aaron Copland, and George M. Cohan. Discover what motivated them to write the wonderful music that all orchestras play today. We will listen to excerpts from their compositions that made them famous.

Genetic Disorders and Medical Ethics

Instructor: Jennifer Donovan

Cost \$30

3 sessions: Thursdays, Dec. 4, 11, 18

3:30 – 4:30 p.m.

Theatre Room

This course will introduce you to the general science of genetics as well as analyzing genetic disorders. Learn about medical ethics and testing as they relate to treatment for individuals with genetic disorders.

maravilla scottsdale

Maravilla Scottsdale

7325 E. Princess Blvd.

Scottsdale, AZ 85255

480-538-5600

Email: nora.mandel@asu.edu

Website: 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.

refund policy

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

how to register!

registration information

Registration is required for all offerings and free events.

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Osher Lifelong Learning Institute at ASU

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Performances: Sept. 12, 13, 18, 19, 20 at 7:30 p.m.;

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Second Stage West (Lower Level UCB)

Tickets: \$5 for Osher members

La Razón Blindada (or Reason Obscured) by Aristides Vargas

Performed by Guest Artists: 24th Street Theatre

Performances: Sept. 26, 27 at 7:30 p.m.; Sept. 28 at 3:00 p.m.

Second Stage West (Lower Level UCB)

Tickets: \$5 for Osher members

West Valley Symphony

Beethoven's Fifth Symphony and Mendelssohn's Violin Concerto

Saturday, Oct. 25 at 7:30 p.m.

La Sala Ballroom (main floor UCB)

Tickets: \$5 for Osher members

**Tickets for above performances are available in advance at
www.brownpapertickets.com.**

Osher members receive the \$5 student price.

ArtSpace West

AlterNative

Visual art work by guest artist Jacob Meders

Opening: Wednesday, Sept. 3 at 6:00 p.m.; continues through Oct. 2
ArtSpace West (second floor, UCB 228)

Call and Response: "Contemporary Visual Culture of Race and Identity"

Student and faculty visual art work curated by Patricia Clark and
guest artist Jacob Meders

Opening: Wednesday, Oct. 8 at 6:00 p.m.; continues through Oct. 30
ArtSpace West (second floor, UCB 228)

**ArtSpace West is open to the public at no charge,
Mondays – Thursdays, noon – 5:00 p.m.
(school holidays observed).**

For more event information, go to
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This photo courtesy of Monsignor Robert Donahoe Collection, Arizona Collection, ASU Libraries. Dr. Martin Luther King Jr. addressed an audience at Goodwin Stadium in June 1964.



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Photos by Diane Banyal



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8/18 – 12/12



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— Pablo Picasso



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get to know our faculty and lecturers

Aannestad, Per – Emeritus College at ASU

Per A. Aannestad, Ph.D., received his undergraduate degree in astronomy from the University of Oslo, Norway, and his graduate degrees from the University of California, Berkeley. His postdoctoral years from 1971 – 1975 were spent first at the Goddard Institute for Space Studies in New York and later at Steward Observatory, University of Arizona, studying the far-infrared sky via balloon observations. From 1975, Per was a professor of physics and astronomy at ASU, until he retired in 2004. His research interests were the physics of the interstellar medium, interstellar dust, and star formation. He is currently the director of the ASU Emeritus College Academy for Continued Learning.

Ackerman, Heather

Heather Ackerman is a Ph.D. candidate at ASU where she studies the intersection of economic theory and idolatry in the English Renaissance. From Shakespeare to Disneyana, she has taught a diverse slate of classes devoted to literature and cultural theory, including various topics on literature for OLLI at ASU.

Adelson, Roger

Roger Adelson, Ph.D., retired from ASU in 2010, having joined the history faculty in 1974. He has taught undergraduate courses in Modern British, Global, and Middle Eastern History, as well as graduate-level courses and seminars. He has completed a book on Winston Churchill and the Middle East, 1905 – 1955, and is currently working on The Middle East and the U.S. Presidency from Truman to Obama, 1945 – 2017. Professor Adelson has addressed and advised local and international institutions on the Modern Middle East and Islam. His eight years of travel through most of the world's continents continues through 2017.

Allenby, Braden

Braden Allenby, Ph.D., is currently Lincoln professor of engineering and ethics, and professor of civil, environmental and sustainable engineering, and of law, at ASU. He is the founding chair of the Consortium for Emerging Technologies, Military Operations, and National Security as well as the founding director of the Center for Earth Systems Engineering and Management at ASU. He moved to ASU from his previous position as the environment, health and safety vice president for AT&T in 2004. Dr. Allenby received his bachelor's from Yale University, his JD and MA (economics) from the University of Virginia, and his MS and Ph.D. in environmental sciences from Rutgers University. His latest books are *Industrial Ecology and Sustainable Engineering*, *The Techno-human Condition*, and *The Theory and Practice of Sustainable Engineering*.

Amparano, Julie

Julie Amparano is the Writing Certificate coordinator and a lecturer at ASU's New College of Interdisciplinary Arts and Sciences. She received her M.F.A. in Creative Writing from Antioch University in Los Angeles and began teaching at ASU in 2005 as a faculty associate. Serving in the Division of Humanity Arts and Cultural Studies, Professor Amparano teaches scriptwriting, cross-cultural writing, fiction, persuasive writing, and other writing courses. She has launched the Lost Boys Found project, which seeks to record the oral history of every Lost Boy who has come to Arizona and to turn their words into a play.

Bennett, Josh

Josh Bennett received a Master of Music from ASU and has performed with various groups including the Arizona Opera, the Symphony of the Southwest, and Crossing 32nd Street. Along with performing, he has been teaching for more than 15 years as a private music instructor, and since 2010 Josh has been teaching music and humanities at Paradise Valley Community College.

Berman, David - Emeritus College at ASU

David Berman, Ph.D., is a senior research fellow with the Morrison Institute for Public Policy and a professor emeritus of political science at ASU. He has written several books on state and local government, politics and public policy, and he is widely published in papers, book chapters and articles.

Blanchard, Brian

Brian Blanchard is a doctoral candidate in the School of Politics and Global Studies at ASU where he studies the history of political thought in the U.S. He teaches a variety of courses on the history of political philosophy from ancient Greece to modern America.

Brandt, Beverly

Beverly K. Brandt, Ph.D., is a professor emerita in The Design School at ASU, where she has taught courses on design history, theory, and criticism since 1987. Her recent monograph, *The Craftsman and The Critic: Defining Usefulness and Beauty in Arts and Crafts-Era Boston* was dubbed one of the "50 must-have, must-read books" on architecture and design by Canada's International Federation of Interior Architects/Designers. An expert on the history of interior architecture, furniture, decorative arts, and textiles, Brandt also paints watercolor journals and publishes short essays and memoirs about life in Northwestern Lower Michigan.

Byrd, Martha

Martha W. Byrd, M.Ed., is the vice president of operations at the ASU Alumni Association, where she is responsible for fiscal and business services at the organization, marketing and membership, member services, the association's travel program, and Old Main's building operations. Martha has a master's degree in higher education and adult education from ASU.

Celestian, Stanley

Stanley Celestian has been teaching geology courses at ASU since 2005, including physical geology and natural disasters. He has also taught geology, physical science, and astronomy at Glendale Community College, Embry-Riddle Aeronautical University, and Wayland Baptist University. Stan conducted workshops in Rocks and Minerals for the Arizona Department of Mines and Mineral Resources, and was the NASA Ambassador to Jupiter and the Solar System for Arizona. He received a Master of Science in Geology (Paleontology) from NAU.

Craft, John

John Craft, Ph.D., is a professor at the Walter Cronkite School of Journalism and Mass Communication at ASU. Prior to his arrival in Arizona in the early 1970's, he worked as a producer/director, program director, and manager for public and educational television. He has served as a media consultant for business, cable, and educational institutions. In addition, Professor Craft has published articles and textbooks on the media and has produced television documentaries broadcast in the U.S. and internationally.

Crudup, Keith

Keith Crudup, Ph.D., is full-time faculty for the philosophy and religious studies department at Mesa Community College. Dr. Crudup has taught World Religions; Myth, Symbol and Ritual; Religion in the Modern World; African American Religion; and Religions of Asia. He is a member of The American Academy of Religion (AAR).

Deviche, Pierre

Pierre Deviche, Ph.D., is professor of environmental physiology in the School of Life Sciences at ASU. He received his B.S. in Biology and his Ph.D. in Behavioral Neuroendocrinology, both from the University of Liege, Belgium. He has published over 100 scientific articles in peer-reviewed journals and over 150 conference abstracts. He has received grants, awards and fellowships from such organizations as the National Science Foundation, National Geographic Society and the Salt River Project among others. He has mentored graduate students and postdoctoral fellows at ASU and the University of Alaska Fairbanks.

Dietz, Donald

Donald T. Dietz, Ph.D., received his bachelor's degree from Notre Dame and his doctorate from the University of Arizona. Before retiring, he served on the faculty of several universities in the U.S., taught in Spain and Mexico, and was a Fulbright lecturer at the Universidad Catolica in Quito, Ecuador, where he researched early colonial religious paintings' relationship to drama. A corresponding member of the Hispanic Society of America, Dr. Dietz has lectured and published extensively on the Spanish Golden Age literature of the 16th and 17th centuries, especially Spain's Corpus Christi drama. In 1984, he founded the Association of Hispanic Classical Theater.

Dombrowski, Rosemarie

Rosemarie Dombrowski, Ph.D., earned her doctorate in American literature at ASU where she is currently a lecturer of English. She is the co-founder and host of the Phoenix Poetry Series as well as the editor of the undergraduate writing journal *Write On, Downtown* on ASU's Downtown Phoenix campus.

Donovan, Jennifer

Jennifer Donovan has been teaching biology and chemistry for 15 years with a M.Ed. in Curriculum and Instruction and an M.S. in Biology. Currently, she is pursuing a doctorate focused on cognitive psychology with a planned dissertation focused on aggressive medical interventions in children with specific genetic disorders. She has also worked with the AERO Institute and NASA to design radiation experiments for the STEM Excelsior Mission. Most recently, Jennifer is working on a fellowship to attract students into STEM careers.

Fazio, Marsha S.

Marsha S. Fazio, Ph.D., is a lecturer in the School of Humanities, Arts and Cultural Studies at ASU's New College of Interdisciplinary Arts and Sciences. She earned a doctorate degree in language and literature, specializing in British literature with a focus on linguistics from the University degli Studi in Milan, Italy. She taught English literature and worked as a translator in Italy and Switzerland. Dr. Fazio spends summers touring medieval and renaissance cities and collaborating with colleagues at Italian universities to uncover 17th century dialect writings of Southern Italy. She continues her translation endeavors, currently working on "the lost dialect poetry" of Calabria, rendering versions in standard Italian and English.

Fellner, Dan

Dan Fellner is a faculty associate at ASU, where he teaches courses in communications and English. He is a faculty affiliate with ASU's Melikian Center for Russian, Eurasian and Eastern European Studies. Dan is a two-time Fulbright scholar and two-time Fulbright senior specialist in Eastern Europe, where he has taught courses in journalism and public relations at universities in Latvia, Lithuania and Moldova. He will be returning to Eastern Europe this coming spring on another Fulbright scholar grant to teach in Bulgaria. Dan has visited every country in Eastern Europe and written extensively about the region for various newspapers and magazines, including *The Arizona Republic*, *Highroads Magazine* and *Hadassah Magazine*.

Finter, Lou-ellen – Emeritus College at ASU

Lou-ellen Finter, Ph.D., is a former professor of music with an avocation in Southwest prehistory and history. She has been involved in education for over 40 years and has worked in schools and universities as well as the New York State Department of Education. Dr. Finter is an active member of the Emeritus College at ASU where she presents lectures.

Foster, David

David William Foster, Ph.D., is Regents' Professor of Spanish, Humanities, and Women's Studies at ASU. He served as chair of the department of languages and literatures from 1997-2001. His research focuses on urban culture in Latin America, with emphasis on issues of gender construction and sexual identity, as well as Jewish culture. He has written extensively on Argentine narrative and theater, and he has held Fulbright teaching appointments in Argentina, Brazil, and Uruguay. His books include: *Latin American Documentary Filmmaking: Major Works*, *Glimpses of Phoenix: The Desert Metropolis in Written and Visual Media*, and others.

Franks, Tara

Tara Franks is a fourth-year Ph.D. student and graduate teaching associate in The Hugh Downs School of Communication at ASU. Her research examines the intersections of humor, gender and education, and is rooted in (and influenced by) stand-up comedy techniques and methods of delivery. In 2013, Tara won "ASU's Funniest Teacher Contest."

Ginger, Kerry

Kerry Ginger, Ph.D., is active as a teacher, performer, and clinician across the state of Arizona. A member of the Grammy award-winning Phoenix Chorale, Tucson Chamber Artists, and Oregon Bach Festival Berwick Chorus, Dr. Ginger has appeared as a soloist with the Phoenix Symphony, Arizona Opera, and Phoenix Opera. She is currently on the music faculty at Phoenix College, Paradise Valley Community College and Grand Canyon University, and is a faculty associate in music history and literature at ASU. She earned her doctorate of Musical Arts in Voice at ASU.

Hendrickson, Kirstin

Kirstin Hendrickson, Ph.D., is a senior lecturer in the department of chemistry and biochemistry at ASU. She has a strong background in organic chemistry, zoology and psychology. She is the author of science textbooks, has published several articles in scholarly journals, has written articles about science for popular media sources, including *Scientific American*, blogs about evidence-based decision making, and was recently a guest lecturer at the ACMRS Scholar Series at the DaVinci Exhibit at the Arizona Science Center.

Jacob, Richard – Emeritus College at ASU, Barrett Emeritus Fellow

Richard Jacob, Ph.D., taught physics at all levels at ASU for almost 40 years before retiring. He served as chair of the department of physics and astronomy and is the founding dean of the Emeritus College at ASU. His teaching areas emphasized quantum physics, relativity, electrodynamics, and mathematical physics, and his research is in theoretical elementary particle physics.

Lattouf, Mirna

Mirna Lattouf, Ph.D., is an ASU professor teaching classes in the humanities, religion, women and gender studies, and Middle East history. In addition, she coordinates the Bachelor of General Studies degree and manages the Humanities Lecture Series and the New York Times Café presentations for the School of Letters and Sciences at the ASU Downtown Phoenix campus. Dr. Lattouf is also active with the Obama Scholars program and Directs Summer Study Abroad for ASU.

Lee, Rabbi Barton G.

Rabbi Barton Lee, Ph.D., was Rabbi/Executive Director of the Hillel-Jewish Student Center at ASU for 40 years and also taught courses in history, religious studies, and Jewish studies as a faculty associate. He graduated from Stanford University and Hebrew Union College in Cincinnati and earned his doctorate from Hebrew Union College in 1998. Rabbi Lee has also studied in Israel. Rabbi Lee translated *Yalkut Derekh Eretz, A Handbook on Gracious and Moral Conduct*, by Rabbi Joshua Briskin. Recently Rabbi Lee co-published with Rabbi Roy Walters the book *My Prayers – A Child's Book of Prayers for Every Day*.

Libman, Jeffrey

Jeff Libman is an instructor in the department of jazz studies at ASU and is currently pursuing a doctorate in music education at ASU. As a jazz guitarist, Libman performs frequently in the Phoenix metropolitan area. Libman's debut CD, entitled *Not Even the Rain*, has been featured on over a dozen major jazz radio stations, including KKJZ Los Angeles. He is also vice president of the Board of Jazz in Arizona, the nonprofit organization that opened up the Nash, Phoenix's new performance and education space.

Lussier, Mark

Mark Lussier, Ph.D., is professor of English and chair of the department of English at ASU in the College of Liberal Arts and Sciences. Professor Lussier, a specialist in Romantic literature and critical theory, earned a doctorate in English at Texas A&M University. Dr. Lussier is the author of *Romantic Dynamics: The Poetics of Physicality* and *Blake, Lacan, and the Critique of Culture*. He is widely published including his many essays on William Blake and on Romanticism. His most recent monograph entitled *Romantic Dharma: The Emergence of Buddhism into Nineteenth-Century Europe* was honored by the ASU Institute for Humanities Research in Fall 2013.

McElwee, David

David McElwee is an associate vice president of Sales for the Thomas P. Gohagan & Company and has been with the firm since 1995. The company, established in Chicago in 1984, is the preferred provider of international travel programs for North America's most prestigious nonprofit organizations. University alumni associations, internationally renowned museums and cultural institutions have come to rely on Gohagan & Company for exceptional travel programs of the very highest standards.

McNeil, Elizabeth

Elizabeth McNeil, Ph.D., teaches in the School of Letters and Sciences at ASU. She received her M.F.A. in Creative Writing and Ph.D. in American Ethnic and Women's Literatures from ASU, where she has taught writing and literature since 1989. Her publications include a chapbook, *Why We Need to Come Home*. She has published a scholarly monograph, *Trickster Discourse: Mediating Transformation for a New World*, and is co-editor of *Sapphire's Literary Breakthrough: Erotic Literacies, Feminist Pedagogies, Environmental Justice Perspectives*.

Moio, Dom

Dom Moio, now in his 20th year of teaching at ASU, is a senior lecturer in The Herberger Institute for Design and the Arts. Dom teaches Jazz Drum Set to jazz and classical percussion majors, and conducts the ASU Latin Jazz Ensemble. He has authored nine books including *Latin Percussion for Gringos*, *Latin Percussion in Perspective* and *Be-Bop Phrasing for Drums*. Dom's trail of success includes performing with jazz luminaries such as Mose Allison, Herb Ellis, Ahmad Jamal and Clark Terry, along with star acts Tony Orlando, Debbie Reynolds and Joan Rivers. Dom has recorded with the great Carl Fontana, and The Jazz Nonet with Chuck Marohnic and Greg Hopkins.

Moulton, Ian

Ian Moulton, Ph.D., is a professor of English and faculty head of Interdisciplinary Humanities and Communication in the School of Letters and Sciences at ASU where he teaches English and Film Studies courses. He received his Ph.D. from Columbia University and is an active member of the Arizona Center for Medieval and Renaissance Studies. Dr. Moulton is a cultural historian and literary scholar who is published widely on Renaissance England and Italy.

Nelson, Kelly

Kelly Nelson, Ph.D., is the author of the poetry chapbook *Rivers I Don't Live By*. Her poetry has been published in several dozen literary journals and anthologies and has been nominated for a Pushcart Prize. Dr. Nelson is the recipient of a grant from the Arizona Commission on the Arts, a gallery docent at the Tempe Center for the Arts, and the current chair of Tempe's Municipal Arts Commission. She has been teaching Interdisciplinary Studies at ASU since 1999.

Niebuhr, Robert

Robert Niebuhr, Ph.D., received a doctorate in history from Boston College and has a special interest in modern Central and Eastern Europe. As part of his graduate research, he lived several years in former Yugoslavia but most recently (2010-2013), lived and taught in South America. His fields of expertise include military and diplomatic history, political history, and global studies.

Olson, John

John Olson, Ph.D., is a lecturer in the School of Letters and Sciences at ASU where he teaches genetics, anatomy, and physiology. He also teaches genetics and clinical anatomy at the School of Osteopathic Medicine in Arizona. Dr. Olson is currently working on integrating modern computer imaging technologies with clinical cadaveric dissection techniques to enhance the anatomy lab experience for students.

Osselaer, Heidi

Heidi Osselaer, Ph.D., teaches U.S. women's history in the School of Historical, Philosophical & Religious Studies at ASU. She wrote the book *Winning Their Place: Arizona Women in Politics, 1883 – 1950* and served as the historical consultant for a documentary on the deadliest gunfight in Arizona, the Power Shootout. She is a recipient of the Sharlot Hall Award and actively serves with the Arizona Women's Heritage Trail.

Penich-Thacker, Dawn

Dawn Penich-Thacker, Ph.D., is the director of Strategic Communication at South Mountain Community College. Her research and teaching interests include ancient rhetorical theory, cross-cultural rhetorics, writing about government and politics, and subcultural rhetorics. She has published and presented on interdisciplinary writing curriculum, the rhetoric of punk rock, women's rhetoric in Balkan folklore, the rhetoric of the "Don't Ask, Don't Tell" policy, and the role of social networking in the federal government.

Pennak, Sara

Sara Pennak, M.P.A., is a faculty associate in the department of psychology at ASU where she is also the director of program development and communications. Over the past several years, she has fine-tuned her upper-division course in research ethics for the behavioral sciences and has also taught research methods and abnormal psychology. In 2014, Sara was named a Teaching Fellow by ASU's Lincoln Center for Applied Ethics. Sara has specialized in public policy analysis, program implementation, institutional analysis, research design, and data management. She also co-authored, *What on Earth? 100 of Our Planet's Most Amazing New Species*.

Pfister, Michael

Michael Pfister, Ph.D., is a professor in the School of Letters and Sciences at ASU where he currently teaches literature and writing courses. He has a B.A. in English Literature, an M.A. in American Studies. He received his doctorate from ASU. Dr. Pfister's interests are rooted in multidisciplinary work that is inclusive of composition, literature, music, cultural studies, and digital culture.

Pilskaln, Robert J.

Robert J. Pilskaln, Ph.D., is a sociologist and audio producer. Dr. Pilskaln is currently developing a radio program and website on the history of popular North American music. The program and website will be co-hosted and co-produced with Wayne Jancik, author of *The Billboard Book of One Hit Wonders* and hundreds of articles on popular music.

Raiser, Tiffany Chiujuung Chen

Tiffany Chiujuung Chen Raiser, Ph.D., is an English lecturer in the New College of Interdisciplinary Arts and Sciences at ASU. Dr. Raiser received her Ph.D. in English and her M.Ed. in Educational Technology from ASU. She earned an M.A. in Literature from the University of Sussex in Brighton, East Sussex, England, and a B.A. in English Language and Literature from the Fu-Jen University in Taiwan. She is interested in issues related to cross-cultural communication and enjoys promoting intercultural interactions.

Reamer, Allen

Allen Reamer has taught a variety of studio art and art history courses for over 40 years. Allen has a B.A. in Art and an M.F.A. in Sculpture. He was the president of the District of Columbia Art Education Association for 10 years and was very active with the National Art Education Association. Allen is represented by The Gallery at 915 in Fredericksburg, Virginia, and exhibits with the Neu Art Group in Arizona. His recognitions include the NAEA's Washington Art Teacher of the Year, a Cafritz Fellowship, and letters from President Clinton.

Roessel, Jaclyn

Jaclyn Roessel was born and raised on the Navajo Nation, between the Arizona communities of Kayenta, Round Rock and Lukachukai. She is the owner of the greeting card company Naaltsoos Project, and has founded and co-founded two blogs, Grownup Navajo and presence 4.0. Currently the director of Education and Public Programs at the Heard Museum in Phoenix, Roessel's work, as an arts and museum professional, cultivated her belief in the value of utilizing cultural learning as a tool for developing communities and engaging community members. She holds a B.A. in Art History and a Masters in Public Administration from ASU. She was the inaugural recipient of the Arizona Humanities Council's Rising Star Award in 2013 given to young professionals whose work elevates the importance of humanities in the community.

Shockley, Gordon

Gordon E. Shockley, Ph.D., is an associate professor of social entrepreneurship in the School of Community Resources and Development at ASU. His teaching and research interests concentrate on building the field of non-market entrepreneurship as well as contributing to the fields of public policy modelling and the politics, economics, and sociology of the arts and humanities. He recently co-edited with Dr. Peter Frank and Dr. Roger Stough *Non-market Entrepreneurship: Interdisciplinary Approaches*.

Schwartz, Debra

Debra A. Schwartz, Ph.D., is a veteran journalist specializing in combining humor writing with hard news, features and personal experience. Her work includes articles about aphrodisiacs for the American Chemical Society and satire for local newspapers in Chicago. She is currently a writing instructor at ASU, and she enjoys a private practice of coaching the art of memoir humor writing.

Seiler, Catherine

Cathy Seiler, Ph.D., is the scientific liaison for the DNASU plasmid repository and the Virginia G. Piper Center for Personalized Diagnostics at the Biodesign Institute at ASU. She received her undergraduate degree in biochemistry and molecular biology from Boston University and her Ph.D. from the Watson School of Biological Sciences at Cold Spring Harbor Laboratory. In 2008, she joined Dr. Joshua LaBaer's laboratory at Harvard Medical School and then moved with him in 2009 to ASU. Along with her role within the Center, she also works closely with the clinical research community in Arizona and teaches classes within ASU and around the community focusing on cancer biology and personalized medicine.

Sharpes, Donald – Emeritus College at ASU

Donald K. Sharpes, Ph.D., is a professor in the Emeritus College at ASU. He is a senior visiting fellow at Cambridge University, a former research associate at Stanford University, and technical division director in the U.S. Department of Education in Washington, DC. Dr. Sharpes did postdoctoral studies at the University of Sussex, he was a visiting scholar at Oxford University, and has lived and worked in Asia and the Middle East. He has taught at universities across the country, and is the author of 21 books and over 240 articles in the fields of social and behavioral sciences, humanities, and teacher education. Dr. Sharpes was a foreign correspondent for *The Salt Lake Tribune*, a contributor to several newspapers, and has been published worldwide. He has been awarded five Fulbright scholarships and was sponsored by the governments and universities throughout the world. He was distinguished visiting professor at Qinghai Normal University and the first American inducted as a fellow in the China Senior Professors Association. Dr. Sharpes was awarded a Lifetime Achievement Award from the International Studies of the American Educational Research Association, where he served as president.

Solis, Francisco J.

Francisco Solis, Ph.D., is an associate professor in the department of mathematical and natural sciences at ASU. One of his teaching goals is to promote discussion of the impact of scientific development on culture and society. Dr. Solis obtained his doctoral degree in physics from the University of Chicago. His areas of research include materials science as well as biological and mathematical physics.

Stewart, Pamela

Pamela Stewart, Ph.D., is a historian and senior lecturer in the School of Letters and Sciences at ASU. She received a doctorate in Modern European and Comparative Women's History. Her research currently focuses on women athletes in U.S. History, such as Ina E. Gittings, a multi-faceted pioneer and the first university director of Women's Physical Education in Arizona (1920-1952). Stewart is also researching another book project on women-headed households in Arizona, 1870-1940. She has been the recipient of research, teaching and service awards, including ASU's Centennial Professorship and is also a docent at Phoenix Art Museum.

Storad, Conrad

Conrad J. Storad is the national award-winning author of more than 40 science and nature books for young readers. He is a member of ASU Walter Cronkite School of Journalism's Hall of Fame. A science writer and editor, he has written thousands of newspaper and magazine articles. *Gator, Gator, Second Grader* and *Monster in the Rocks* are his brand new picture books released in 2014. Storad has read stories and done writing workshops for more than 960,000 students in 17 states. In 2001, the Arizona Library Association honored Storad with the Judy Goddard Award as "Arizona Children's Author of the Year."

Sweat, Ken

Ken Sweat, Ph.D., is a senior lecturer in the New College of Interdisciplinary Arts and Sciences at ASU. He received a bachelor's degree in biology and mathematics from Claremont McKenna College, and his master's degree and doctorate from ASU. Dr. Sweat joined the faculty at ASU in the Fall of 2000, and has taught a diversity of courses in general biology, botany, natural history, statistics for biologists and the philosophy of science. Dr. Sweat has worked extensively in the environmental consulting field, conducting endangered species surveys and writing and editing documents that ensure compliance with the National Environmental Policy Act and other relevant laws and regulations.

Swindell, David

David Swindell, Ph.D., is the director of the Center for Urban Innovation and associate professor in the School of Public Affairs. His work focuses primarily on community and economic development, especially public financing of sports facilities and the contribution of sports facilities to the economic development. His research has been published in numerous journals. He has testified to legislative bodies on a range of sports and economic development issues, and advocates the metropolitan mission concept focusing the intellectual resources of the university on developing new solutions to the public challenges.

Thompson, Marilyn

Marilyn Thompson, Ph.D., is associate professor in the T. Denny Sanford School of Social and Family Dynamics at ASU. She holds a B.A. in Chemistry from Carleton College in Northfield, MN, and a Ph.D. in Educational Psychology – Quantitative Methods from the University of Kansas. She teaches and publishes research in applied data analysis (i.e., statistics). She is also interested in the use/misuse of data to inform education policy and practice. Dr. Thompson has been a passionate teacher for 25 years, spanning high school to the advanced graduate level, and was awarded the College of Education Dean's Award for Teaching in 2003.

Tetreault, Colin

Mr. Tetreault serves as faculty associate and manager at ASU's School of Sustainability and Global Institute of Sustainability. He holds a B.S. in marketing from W.P. Carey School of Business and a M.A. from the School of Sustainability, both at ASU. Mr. Tetreault has served as the senior policy advisor of Sustainability to Mayor Stanton of Phoenix and spoken at numerous business conventions, professional conferences, and community engagement meetings, both domestically and internationally. In his work, he focuses on creating robust and resilient economic opportunities, protecting and expanding environmental and natural systems while looking to them for use-inspired solutions, and fostering a beautiful, vibrant, pluralistic and socially just culture.

Vernacchia, Ralph – Emeritus College at ASU

Ralph Vernacchia, Ph.D., is professor emeritus at Western Washington University, Bellingham where he directed the undergraduate and graduate programs in sport psychology, as well as WWU's Center for Performance Excellence. He has presented extensively on a variety of sport psychology topics throughout the nation and authored four sport psychology textbooks, including *Coaching Mental Excellence* and *Inner Strength*. He has traveled internationally as a performance consultant with several USA international track and field teams, including the 2000 USA Olympic Track and Field Team that competed in Sydney, Australia. Dr. Vernacchia retired from Western Washington University in the spring of 2011 after 38 years of service.

Waldron, Vincent

Vincent Waldron, Ph.D., is a professor of communication studies in the School of Social and Behavioral Sciences at ASU where he studies challenging forms of communication in personal and work relationships. He has authored or co-authored four books, including one on the communication of forgiveness in romantic and family relationships. Dr. Waldron is co-director of the Family Communication Consortium, an interdisciplinary group of ASU faculty and students committed to improving family communication through research, teaching, and community partnerships. He is a former chair of the Interpersonal Communication Division of the National Communication Association (NCA) and serves on the editorial board of several major journals.

Whitley, Guy

Guy Whatley, DMA, received a doctorate in music from ASU and is an American organist and harpsichordist. He studied music at the universities of Cambridge, Oxford, and Bristol and continued his organ studies in Stuttgart, Lyons, and throughout Europe. Dr. Whatley along with trumpeter Jean-Christophe Dobrzewski founded the ensemble Triptyque, taking their performances across Europe and North America. Currently, he is the director of music and the organist for Camelback Bible Church.

Whitaker, Matthew

Matthew C. Whitaker, Ph.D. is ASU Foundation professor of history and the founding director of the Center for the Study of Race and Democracy. He earned a B.A. in sociology and a B.A. in history from ASU, an M.A. in U.S. history and a Ph.D. in history from Michigan State University. Dr. Whitaker specializes in U.S. history, African American history and life, civil rights, race relations, social movements, sports and society, and the American West. He is the editor of three books; has won 30 awards for his research, teaching, and service; and has given motivational speeches and lectured in nations throughout the world, including Australia, Canada, China, Czech Republic, England, Ghana, Ireland and Liberia. Dr. Whitaker serves on numerous boards, including the distinguished International advisory board of the Muhammad Ali Center in Louisville, Kentucky.

Wise, Greg

Greg Wise, Ph.D., is associate dean and professor in the School of Social and Behavioral Sciences at ASU. He earned his doctorate in speech communication from the University of Illinois at Urbana-Champaign. Before coming to ASU in 1999, he served on the faculty at Clemson University for four years. Dr. Wise's research interests focus on popular culture, technology and culture, new media, globalization, and surveillance. He has authored and co-authored a number of journal articles, book chapters and books. His recently-published books include *Cultural Globalization: A User's Guide* and the co-edited book *New Visualities*. He currently is working on a second edition of *Culture and Technology: A Primer* and beginning work on a book about representations of surveillance in popular films. Dr. Wise serves on the editorial boards of *Communication Review* and *Communication Theory*.

Woodall, Gina

Gina Serignese Woodall, Ph.D., is a lecturer in the School of Politics and Global Studies at ASU since July 2007. She received her B.S., M.A., and Ph.D. in Political Science at ASU. Dr. Woodall's teaching interests include research methods, American government, statistics, and women in politics. Her primary research interests are gender, the media, and negative campaigns. She has co-authored several book chapters and journal articles with colleagues.

Wynne, Clive D. L.

Clive Wynne, Ph.D., joined ASU in 2013 and founded the Canine Science Collaboratory – an interdisciplinary group dedicated to studying the behavior and cognition of man's best friend. He also serves as director of Research for Wolf Park in Indiana. Dr. Wynne was educated at Edinburgh University and the University College London and has studied animal behavior in Britain, Germany, Australia, and the U.S. across a range of species, including birds and marsupials. He is the author of *Do Animals Think?* and a new edition of *Animal Cognition: Evolution, Behavior and Cognition*.

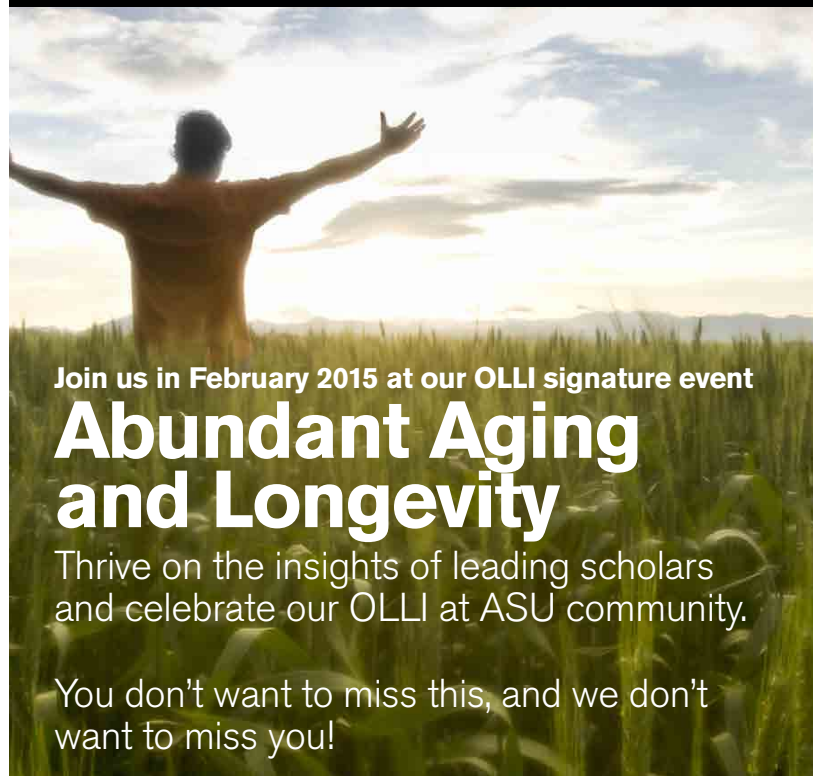
Zautra, Alex

Alex Zautra, Ph.D., is ASU Foundation professor of clinical psychology. Dr. Zautra directs ASU's Resilience Solutions Group, and serves as the chairman of the board of the Social Intelligence Institute, a non-profit organization that designs and tests programs to improve social relations.

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