



fall 2015
class schedule

for the love of learning

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

ASU Osher Lifelong
Learning Institute
ARIZONA STATE UNIVERSITY



lifelonglearning.asu.edu



Dear OLLI at ASU Community,

What a thrill it is for me to present a brand new schedule for yet another semester packed with exciting classes, cultural experiences, and community engagement opportunities.

Each year, OLLI is becoming more deeply embedded in the lives of adults ages 50+ in the Phoenix metropolitan area. University-inspired classes, intergenerational learning experiences, and a broad range of benefits offered by our partner organizations, have become staple items on the calendars of our members – Arizona residents and winter visitors alike.

Our connections and opportunities extend way beyond the boundaries of this great Valley – and even beyond the United States! As part of ASU's new Transatlantic Partnership, OLLI at ASU is a driving force in the formation of a new university movement called the Age-Friendly University. The question that spearheads this effort is: How can universities become a more welcoming place for people of all ages? Your participation in OLLI classes is a testimony that ASU has become more Age-Friendly, but there is much more to accomplish. Most importantly, OLLI members like you are teaching ASU how to reach the ideals of inclusiveness, openness,

and energy within ASU – while providing valuable community service in the process. For all your inspiration, we are eternally grateful.

Many of you gathered to celebrate our fabulous 10th year of service by OLLI at ASU at the Abundant Aging and Longevity Event this past February. At the event, participants were invited to write happy birthday notes to our beloved community! All of them illustrated the significance of the OLLI at ASU community in your lives. Here are just a few:

Happy 10th, OLLI!!! Best wishes for the next 10, 20, 30+ years!

Great programs – keep up the good work – Happy B-day!

Hearty congratulations! You are making a difference!

Best wishes for continued remarkable growth...our hope for the future!

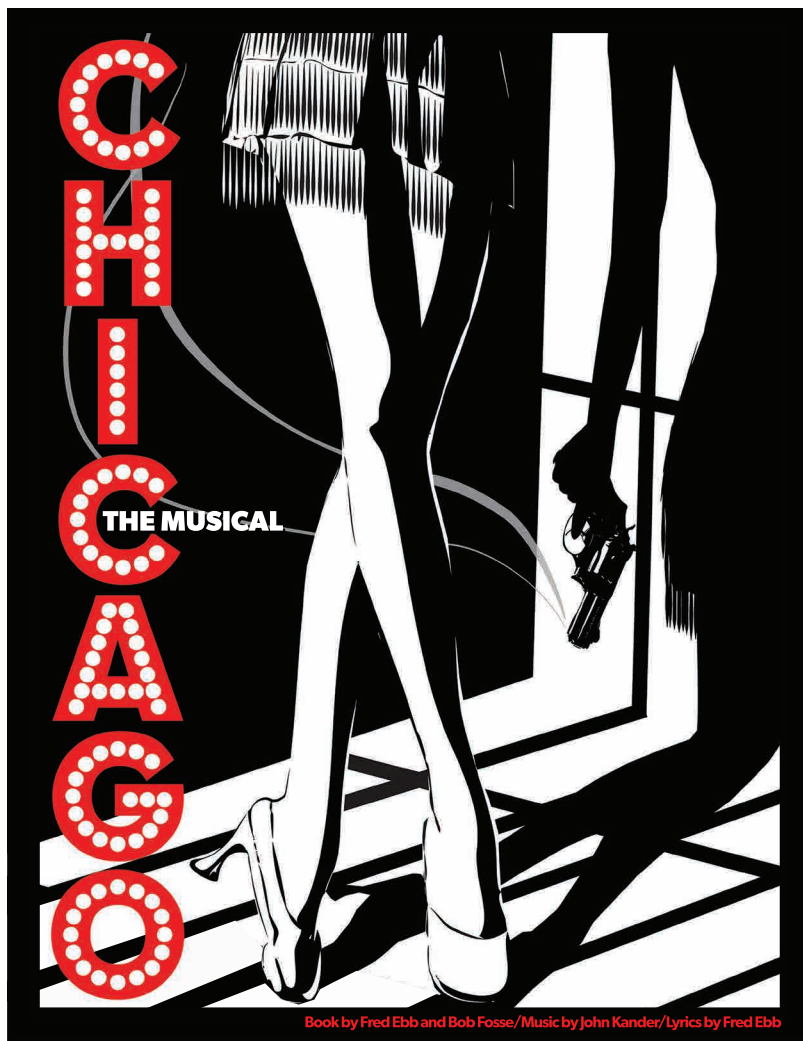
Indeed, I am happy to report that OLLI at ASU is experiencing bountiful growth. In the 2014/2015 academic year alone, your community has grown to over 1,400 members! That makes for a lot of new friendships, ways of growing together, and ways of serving the larger community together.

Importantly, this year we also established a generous culture of philanthropy to fuel the future growth of OLLI, and we are excited for this new culture to thrive in the years to come. A tip of the hat goes to the many, many members who generously contributed to our fundraising campaign! We are also grateful to our wonderful OLLI Development Committee who helped lead our fundraising efforts over the past year. Together we raised \$17,504, which has provided the fuel for more growth and more opportunities for our members! Your legacy will be enduring. To learn more about how to support OLLI with a charitable donation, please see pages 16-17 of this schedule. Thank you for your generosity as we continue to build our amazing learning community.

So, without further ado, here's to another semester, and see you soon!

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

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



Phoenix Theatre Series

DEADLINE TO REGISTER IS TUESDAY, SEPT. 15

Location: Phoenix 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: \$60 includes Part I and Part II, and member's theater ticket. Tickets are non-exchangeable and are valid for this performance only. No refunds.

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

Capacity: Limited to 30 students

Join Phoenix Theatre for an exclusive look at the iconic musical and dance styles behind the #1 longest-running American musical in Broadway history.

On the dark and seductive streets of 'The Second City,' the blues reign supreme, murder is a way of life, and a little razzle dazzle makes everything just fine. Returning to kick-off Phoenix Theatre's 96th season and helmed by Producing Artistic Director Michael Barnard, this quintessential musical spectacular's tale of fame, fortune and all that jazz will keep you riveted from one show-stopping number to the next!

PART I

Burlesque, Bob Fosse and All That Jazz!

Saturday, Sept. 26

10:00 a.m. – noon

Learn about the history of the celebrated dance style of director and choreographer Bob Fosse and how his unique expression rose to fame through iconic musicals like *Chicago*. Join accomplished actor, musician, and ASU professor Dr. Jeffery Kennedy in a detailed lecture that traces the emergence of a new style on the American dance scene.

Following the lecture, enjoy a lively demonstration of these burlesque and Fosse dance styles performed by consummate performer and professional dancer Laurie Trygg.

PART II

The Production of Chicago

Saturday, Oct. 3

1:00 p.m.

A pre-production talk with resident dramaturge Pasha Yamotahari.

2:00 p.m. – Curtain

Full theatre production of *Chicago* on the Mainstage.

phx
THEATRE

To enroll in this series, register online at **www.regonline.com/olliasufall15** or call OLLI at ASU at 602.543.6440

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 student member ID card
- Discounted tickets to performances at the ASU Kerr Cultural Center in Scottsdale
- Connections to the ASU Alumni Association offering enrollment in free OLLI lectures, discounts on educational travel trips, and many other perks
- Discounted admission to the Heard Museum – American Indian Art & History – in Phoenix
- Discounted tickets to select shows at The Nash, Arizona's jazz performance and educational venue in Downtown Phoenix
- \$30 tickets (\$89 value – seating in the Bronze Tier) to select Ballet Arizona matinee performances
- \$20 "student rush" tickets to the Arizona Opera season performances and free enrollment in opera previews
- Connections to the Irish Cultural Center in downtown Phoenix offering invitations to special events
- Discounted tickets to the ASU Herberger Institute of Design and Arts on the ASU Tempe campus
- Access to a fitness membership in the ASU Sun Devil Fitness Complexes
- Opportunities for educational travel
- Invitations to ASU educational events
- University-quality learning experiences
- Connections to a vibrant higher education institution – Arizona State University
- A forum for friendship and socialization
- Being part of an engaged OLLI at ASU learning community
- Connections to national and international lifelong learning opportunities through the Osher National Resource Center

five campus locations

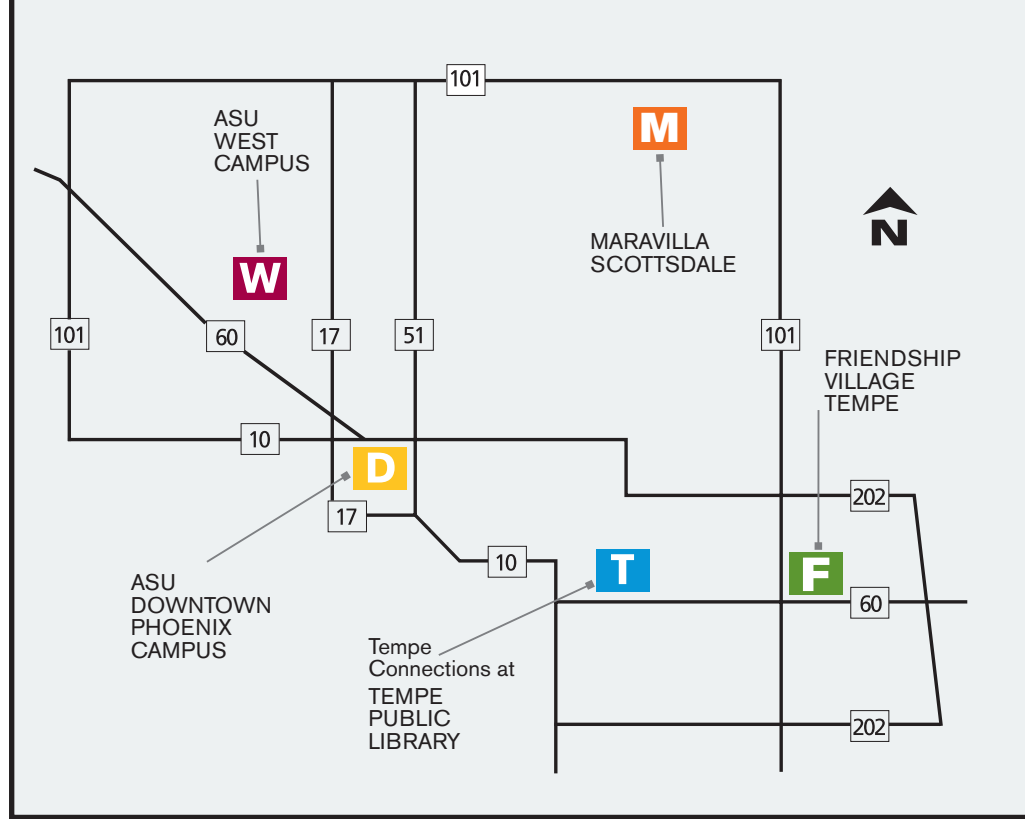
W ASU West campus
4701 West Thunderbird Rd., Phoenix, 85069

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

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

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

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



registration and fees

\$15 semester membership fee

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

+ class/lecture fees

Fees are noted in the class descriptions

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

refund policy

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

online registration

www.regonline.com/olliasufall15

- 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.

monday

Volunteer Reading Tutors Make a Difference

Instructor: Peggy Goldberg
AARP Foundation Experience Corps
1 session: Monday, Sept. 21

Free

10:00 – 11:00 a.m. • Sands Building, Room 131

Children who do not read at grade level by the end of third grade are four times more likely to drop out of high school. Make a difference in a child's life by helping them gain the reading skills needed to learn and succeed in life. Volunteer tutors receive training and materials and do not need any prior teaching or tutoring experience. Volunteers are committed to tutoring children first through third grade for two hours, twice a week between October and April. In this session, you will receive details on how the Experience Corps Phoenix program is structured, its outcomes, and how you can get involved.

Modern Theatre in the 21st Century

Instructor: Dr. Jeff Kennedy
3 sessions: Mondays, Sept. 21, 28, Oct. 5
1:00 – 3:00 p.m. • Sands Building, Room 131

Cost \$30

This course is a survey of modern theatre at the end of the 20th century and into the new millennium, focusing on the works of significant playwrights of the time, including Edward Albee, David Hare, August Wilson, and Tony Kushner, as well as new works, trends and approaches to theatre in the most contemporary venues. The focus will particularly be on American and British plays, musicals and playwrights, with an attempt to connect them to the longer arc of work over the last two centuries.

The Most Powerful Woman in America: Eleanor Roosevelt's Life and Legacy

Instructor: Dr. Pamela Stewart
1 session: Monday, Sept. 28

lecture \$10

10:30 a.m. – noon • Sands Building, Room 103

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

World Religions and Common Ground

Instructor: Dr. Owen Anderson
2 sessions: Mondays, Oct. 5, 12

Cost \$20

10:00 – 11:30 a.m. • Sands Building, Room 131

We will cover an introduction to the study of world religions. This includes defining religion, thinking about the major world traditions, and what it means for there to be common ground between humans. The course will equip students to think about some of the most pressing challenges facing the modern world.

How Radio Works: A Treasure Trove of Radio Shows from the 40's to the Present

Instructor: Dr. Robert Pilska

lecture \$10

1 session: Monday, Oct. 12

1:00 – 2:30 p.m. • Sands Building, Room 131

As a craft and art form, radio broadcasting has left a fine body of work. Join us as we tour the sonic galleries. Compelling radio theatre, fast paced variety shows, riveting conversations and a wide range of music programming await your imagination!

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

Instructor: Dr. Pamela Stewart

Cost \$35

4 sessions: Mondays, Oct. 19, 26, Nov. 2, 9

10:30 a.m. – noon • Sands Building, Room 131 (Sands Building, Room 225 on Nov. 2)

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.

DNA Detectives: How DNA Evidence Helped Solve "Hot" and "Cold" Cases in the City of Phoenix

Instructor: Kimberly Kobjek

Cost \$35

4 sessions: Mondays, Oct. 19, 26, Nov. 2, 9

1:00 – 2:30 p.m. • Sands Building, Room 131

Participants will delve into the world of forensic DNA analysis with a primer on how one's own genetic blueprint can provide valuable information to law enforcement investigations. Additionally, four criminal cases, both "hot" and "cold," will be discussed in detail to include: crime scene information, forensic evidence, forensic analyses (then and now), and stories from the courtroom. Cases to be discussed include: "The Baseline Rapist/Killer" and "The Snaggletooth Killer."





Little Gorillas, Big Chimpanzees: Exploring the Evolving Human Primate Through the Social Sciences

Instructor: Dr. Don Sharpes, Professor Emeritus **Cost \$35**
4 sessions: Mondays, Nov. 16, 23, 30, Dec. 7
10:00 – 11:30 a.m. • Sands Building, Room 131

The theme of this short course is our primate biology, using comparative animal studies and recent finds in archaeology, and exploring that concept by means of the major social sciences – the philosophy of our cognitive functioning, our psychology, our religious beliefs, as consumers (the economy), as citizens (political science, government), etc. This is an exploration, through the lens of the main social sciences, of how we live and how our primate nature surfaces to define our true selves. Dr. Sharpes uses the social sciences because they are the principal avenues for understanding our human primate nature and provide useful theoretical explanatory underpinnings of our conscious and unconscious behaviors.

Forensic Anthropology: Forensic Cases Past and Present

Instructor: Dr. Anthony Falsetti **Cost \$35**
4 sessions: Mondays, Nov. 16, 23, 30, Dec. 7
1:00 – 2:30 p.m. • Sands Building, Room 131

Forensic anthropology is the application of the science of anthropology to legal matters. The practice involves applying knowledge of the human skeletal system, wound mechanics, and decomposition to issues or matters before the court. Forensic anthropology uses real cases involving human remains to illustrate how anthropologists contribute to the successful resolution of homicides, human rights, and missing persons cases as well as civil matters involving burial site location, possible instances of desecration of graves and human remains trafficking. Each classroom experience will focus on one or more type of forensic analysis and use actual contemporary and historical case studies to illustrate how knowledge of our bones is used to resolve legal issues.

tuesday

Yugoslavia and the Cold War World

Instructor: Dr. Robert Niebuhr **Cost \$20**
2 sessions: Tuesdays, Sept. 22, 29
10:00 – 11:30 a.m. • Sands Building, Room 131 (Sands Building, Room 103 on Sept. 29)

This two-part course examines the case of Yugoslavia during the tumultuous transformations in European history brought about by the end of World War II. When the war concluded in 1945, politicians struggled for power and sought legitimacy and stability, including Josip Broz Tito and his Partisan movement. This course will unveil Tito's radical policies during this early period and understand how Yugoslavia stood at the epicenter of the emerging Cold War.

Sustainability: Beyond Patchouli and into the Future

Instructor: Colin Tetreault **Cost \$20**
2 sessions: Tuesdays, Sept. 22, 29
1:00 – 2:30 p.m. • Sands Building, Room 131 (Sands Building, Room 303 on Sept. 29)

Why and how do you close down a coal-burning power plant? 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 explore 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!

A Third Helping of Chemistry in the Real World

Instructor: Dr. Kirstin Hendrickson **Cost \$35**
4 sessions: Tuesdays, Oct. 6, 20, 27, Nov. 3 (no class Oct. 13)
10:00 – 11:30 a.m. • Sands Building, Room 131 (Fletcher Library, Room 101 on Nov. 3)

If you've taken any of Dr. Hendrickson's "Chemistry in the Real World" classes, you already know that chemistry is more fun, more visible, and absolutely more relevant than you ever thought it could be. If you haven't, what are you waiting for? 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. How do cells generate energy from the food we eat, and how do we use that energy as we exercise? On that note, how much exercise and what kind do we actually need, and why? What is science learning about the important role of microbes in human health, and are we unintentionally creating disease and superbugs by using antibiotics to treat infection (and as prophylaxis in animal feed)? Of the many "miracle" products advertised on TV, positioned prominently at Whole Foods (the "Temple of Pseudoscience"), and touted by "experts" like Dr. Oz, which truly stand up to scientific scrutiny? When is a health product worth using, and how can we learn to separate the science from the hype? The answers to all these questions are rooted in REAL WORLD chemistry.

The Fungus Among Us

Instructor: Dr. Ken Sweat **Cost \$35**
4 sessions: Tuesdays, Oct. 6, 13, 20, 27
12:30 – 2:00 p.m. • Sands Building, Room 131

From gourmet delicacies to devastating crop diseases, fungi have interacted with human society since its very beginnings. This class will explore the diversity of relationships humans have with members of the fungal kingdom and other similar organisms. Species that will be discussed include chocolate-eating mushrooms, coffee rust, hallucination inducing ergot, and of course yeasts, as we explore the complex relationship humanity has developed with the fungi.

Writing the Contemporary Mystery and Thriller

Instructor: Betty Webb

lecture \$10

1 session: Tuesday, Oct. 13

10:00 – 11:30 a.m. • Sands Building, Room 131

This class, by best-selling crime novelist Betty Webb, demonstrates the immense changes that have occurred in the mystery/thriller field in the last 30 years. You'll learn the following: keeping your ideas fresh and contemporary, avoiding writer's block, choosing the best sub-genre to suit your own writing skills, structuring your novel (arc of action), scene-setting, how to write authentic dialogue, the basics of self-editing, how to avoid the red flags that turn publishers off, and the art of creating realistic characters that readers care for. Among the many handouts you'll receive, you'll get a sample of the agent query letter Betty used to get her own agent, and a sample of a book-selling synopsis.

A Thanksgiving Tune Up: The Ethics and Practice of Gratitude

Instructor: Rabbi Barton Lee

lecture \$10

1 session: Tuesday, Nov. 3

1:00 – 2:30 p.m. • Sands Building, Room 303

As Thanksgiving approaches, we will explore the ethical foundations of gratitude. Why and when should we be grateful? Do we owe gratitude? How can we best express thanks? Can gratitude be taught? Is it a religious or a secular matter? How can we spruce up our Thanksgiving celebrations?

Resilience

Instructor: Dr. Ralph Vernacchia,
Professor Emeritus

Cost \$20

2 sessions: Tuesdays, Nov. 10, 17

10:00 – 11:30 a.m. • Sands Building, Room 131

Sport psychology professionals have identified a variety of mental attributes that enable athletes to overcome adversity in the course of achieving challenging performance goals. Resilience is one of these attributes. Similarly, persons in all walks of life can employ the principles of sport and positive psychology to "bounce back" from life's challenges and lead a happy, fulfilling and healthy lifestyle. The key attributes of a resilient person addressed in this class will include: endurance, fortitude, mental toughness, functional physical fitness, self-care, emotion management, self-talk, commitment, mindfulness, and self-confidence. In addition, we will discuss the various uses of mental skills training that can promote a resilient, healthy and fulfilling lifestyle.

The Tragedy of King Lear

Instructor: Dr. Marsha Fazio

Cost \$35

4 sessions: Tuesdays, Nov. 10, 17, Dec. 1, 8 (no class Nov. 24)

12:30 – 2:00 p.m. • Sands Building, Room 131

One of Shakespeare's great tragedies, *King Lear*, presents us with total upheaval of societal order – from family, country, and psychological order of the mind to the overturning of Nature itself. "Tis the times' plague when madmen lead the blind" is the universal lament heard throughout this play, compelling us to examine our own nature, the power structures within which we live, and the quality of familial relationships, especially tensions between generations. Shakespeare presents us the extremes of good and evil, joy and despair, cruelty and mercy – themes that reverberate to all of us today.

Nationalism in 19th Century Music

Instructor: Dr. Lou-ellen Finter, Professor Emerita Cost \$20

2 sessions: Tuesdays, Dec. 1, 8

10:00 – 11:30 a.m. • Sands Building, Room 131

Take a look and a listen at how history affected music during the 19th century. Composers from this period and the affect that Nationalism had on their music will be discussed.

wednesday

"Listen Up!" Making Informed Decisions About Your Hearing Health and Hearing Aids

Instructor: Dr. Erica Williams

Free

1 session: Wednesday, Sept. 23

10:30 – 11:30 a.m. • Sands Building, Room 103

It is estimated that hearing loss affects more than 31 million Americans, or about 1 in 10 adults, and represents the third most chronic condition among older adults. Hearing is vital for effective communication and the social and emotional impact of hearing loss is felt by the entire family. Hearing aids can significantly help to improve quality of life, but the process of purchasing one can be overwhelming. An article in the July 2009 *Consumer Reports* found that two-thirds of the hearing aids tested were misfit. Knowing what to look for in choosing an audiologist or a hearing aid dispenser can help avoid ending up with a hearing aid that is inappropriate or improperly fitted. ASU's Dr. Erica Williams will present information on what to look for when selecting a hearing aid and a hearing healthcare provider.

The Search for Life in the Universe

Instructor: Dr. Paul Schmidtke

Cost \$35

4 sessions: Wednesdays, Sept. 23, 30, Oct. 7, 21

(no class Oct. 14)

1:00 – 2:30 p.m. • Sands Building, Room 103

This class will examine the scientific record on the origin and early evolution of life on Earth. We will also look at results from recent studies to find life-bearing habitats throughout our solar system, experiments to detect habitable planets around other stars, and the Search for Extraterrestrial Intelligence (SETI).

Northern Lights: Myth and Science

Instructor: Dr. Per Aannestad, Professor Emeritus

lecture \$10

1 session: Wednesday, Sept. 30

10:00 – 11:30 a.m. • Sands Building, Room 103

The Northern Lights – the Aurora Borealis – is an amazing and colorful natural phenomenon. Many myths have been spun about its origin, and only lately have we gained a scientific understanding of its dynamic appearance. The lecture will show through photos and videos how our explanations for this "light show" have changed over time, including an emphasis on "The Sun-Earth connection."

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

Instructor: Dr. Braden R. Allenby

Cost \$35

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

10:00 – 11:30 a.m. • Sands Building, Room 103

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. 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.

Salt of the Earth: Lot's Wife

Instructor: Marcie Schoenberg Lee

1 session: Wednesday, Oct. 14

1:00 – 3:00 p.m. • Sands Building, Room 103

Through art across the ages, explore two critical strands in the explosive biblical episode of God's destruction of Sodom and Gomorrah. Examine portrayals of the wife of Lot and her horrifying transformation into a pillar of salt. Did God's punishment fit her "crime" of understandably looking back one last time? Consider "The Daughters of Lot and the unjust scorn they got." Come and experience the fascinating challenge of weaving art and text together! (All titles above ©2004-2015 Marcie Schoenberg Lee, M.S.W., M.A.)

lecture \$10

Fundamentals of Portrait Drawing

Instructor: Allen Reamer

Cost \$45

5 sessions: Wednesdays, Oct. 28, Nov. 4, 18, Dec. 2, 9
(no class Nov. 11, 25)

1:00 – 3:00 p.m. • Sands Building, Room 103

This course is aimed at those who have not drawn portraits or who have not drawn portraits in some time. At the end of this course, you will be able to make a recognizable life-size drawing of a person's face. We will learn how to draw portraits and all the parts of the head. Since we will be drawing from life, you will have the opportunity to both draw from the model and be the model. **Supplies to bring to class:** 9"x12" or larger drawing or sketchbook, HB or #2 pencil, and a vinyl eraser.

Impressionism in France

Instructor: Allen Reamer

Cost \$35

4 sessions: Wednesdays, Nov. 4, 18, Dec. 2, 9
(no class Nov. 11, 25)

10:00 a.m. – noon • Sands Building, Room 103

Impressionistic paintings and artists such as Monet and Renoir are still loved after all these years. We will focus on the lives and art of Monet, Renoir, Sisley, Pissarro, and Morisot and less well-known Impressionistic painters who worked in France. Impressionism did not just happen; we will discover how earlier painters influenced the Impressionist artists.

"Thank you for all you did to make it possible for me to teach an OLLI class. I thoroughly enjoyed myself and learned so much from the oh-so-enthusiastic students!"

- Professor Marcie Lee

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 \$3, with a daily max of \$12. Upon exiting the lot, ASU parking attendants accept Visa, MasterCard, and cash – no larger than a \$20 bill.

refund policy

Membership fees are nonrefundable. Class/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/olliasufall15

- **Fast! Easy! Secure!**

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

Mondays with Arizona Opera

You may register for individual sessions, one or all.

Instructor: Joshua Borths **Free**
Arizona Opera Center, 1636 N. Central Ave.
Education Room

New! Contemporary Opera

Monday, Sept. 14, 11:30 a.m. – 1:00 p.m.

Opera is in the middle of a renaissance. There have been more world-premieres in the past 25 years than in the previous 75. However, there are very few opportunities to see or learn about the works that will become the masterpieces of our time. Come learn about these works, the composers who have been taking the opera world by storm, and how they are influencing the operas of tomorrow.

Preview of Upcoming Operas

Dates below, 11:30 a.m. – 12:30 p.m.

Arizona Lady (Oct. 5), *Florencia en el Amazonas* (Nov. 2), and *Carmen* (Jan. 18).

thursday

Chemistry in the Real World

Instructor: Dr. Kirstin Hendrickson **Cost \$35**

4 sessions: Thursdays, Sept. 10, 17, 24, Oct. 1
10:15 – 11:45 a.m. • Mercado, Bldg. C, Room 131

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. For example, why are barns painted red? Were the alchemists onto something when they tried to make gold from lead? Where's the line between a pharmaceutical and a poison? Why do most diets fail? The answers are rooted in "Real World" chemistry. Dr. Hendrickson addresses these 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!

The Dark Side of Stalking and the Light at the End of the Tunnel

Instructor: Dr. Kate Fox **lecture \$10**

1 session: Thursday, Sept. 10
12:15 – 1:45 p.m. • Mercado, Bldg. C, Room 131

What do celebrities David Letterman, Jodie Foster, Theresa Saldana, and Erin Andrews have in common? They have all been stalking victims. A recent national survey reveals that 1 in 6 adult women and 1 in 19 adult men are stalked in their lifetime. This translates to 19.3 million women and 1.4 million men in the U.S. With so many victims, there are key questions that we will discuss in this class, including: What really is stalking? What puts people at risk of being stalked? With the technology advancements, how can people be cyberstalked?

For Better or Worse: The Relationship Between Humans and Microbes

Instructor: Dr. Bethany Weigle **lecture \$10**

1 session: Thursday, Sept. 17
12:15 – 1:45 p.m. • Mercado, Bldg. C, Room 131

With allergies, nosocomial infections, probiotics, and fecal transplants, it is hard to tell if it is a war or actually a symbiotic relationship that we, as humans, have with our nanoscopic counterparts. After a frightening outbreak of Ebola last year, this topic could not be more important. This class will unpack some of the revolutionary findings that have come to light over the last decade that are beginning to change opinions in the medical field on how we view our relationship with bacteria, viruses, and fungi.

Sex: Why All Is Fair When Love Is War

Instructor: Dr. Ken Sweat **Cost \$35**

4 sessions: Thursdays, Sept. 24, Oct. 1, 8, 15
12:30 – 2:00 p.m. • Mercado, Bldg. C, Room 131

Starting with Darwin's idea of sexual selection, this course will review how evolution has shaped the myriad strategies involved in successful sexual reproduction. Promiscuous females, cheaters, hermaphrodites, sneaky males, cross dressers, and others found in the natural world will be described, and the reason why these tactics can increase an organism's chances of having offspring will be explored. Be prepared for a lively and forthright experience in this class.

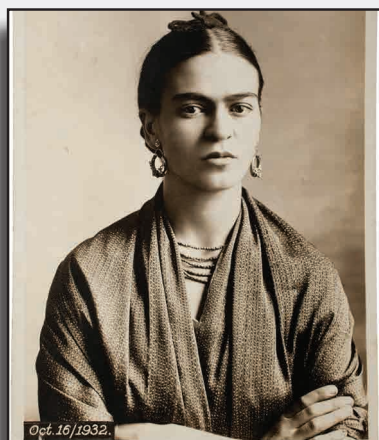
Atonement, Forgiveness, and Hope: Keys to Resilience

Instructor: Dr. Vincent Waldron **Cost \$35**

4 sessions: Thursdays, Oct. 8, 15, 22, 29
10:15 – 11:45 a.m. • Mercado, Bldg. C, Room 131

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.





Frida Kahlo, by Guillermo Kahlo, 1932
©Frida Kahlo Museum

Meeting Frida Kahlo Up-Close

Join us for an unforgettable learning experience!

"I paint myself because
I am so often alone
and because I am the
subject I know best."

— Frida Kahlo

Together with our partner organization the Heard Museum, we are hosting an in-depth 5-session series about the extraordinary artist Frida Kahlo.

The series fee of \$45 includes four classroom sessions, and admission and tour at the Heard Museum on Dec. 3. Enrollment is limited to 40.

Frida at the Heard Museum, Part II

Instructor: Janet Cantley, Heard Museum Exhibit Curator

1 session: Thursday, Dec. 3

1:30 – 3:30 p.m.

The Heard Museum, 2301 N. Central Ave., Phoenix 85004

Parking is plentiful and free.

The last session of the class is a museum visit. We will meet at the main entrance of the Heard Museum. Heard Museum Curator Janet Cantley and her assistant will guide us through the exhibits:

Frida Kahlo – Her Photos

A selection of 240 photos from the Blue House in Mexico City is exhibited, curated by acknowledged Mexican photographer and photo historian, Pablo Ortiz Monasterio.

Favoritas de Frida: Selections from the Heard Collection

Treasures are on display from the Heard Museum collection that look as if they were pulled from Frida Kahlo's closet. After you view the exhibit, join in the fun by making a craft item or writing a letter to Frida.

Frida: Her Life, Her Art and Her Connections, Part I

Instructor: Allen Reamer

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

1:30 – 3:30 p.m. • Mercado, Bldg. C, Room 131

Frida Kahlo (1907-1954) was a Mexican Surrealist artist, best known for her self-portraits of pain and passion, and bold vibrant colors. Frida survived many difficult events in her life including childhood polio, a very serious bus accident, a long recovery, several miscarriages, and two failed marriages. She had a stormy relationship with her on-again, off-again husband, Mexican painter Diego Rivera. Frida used these life experiences and personal symbolism mixed with Surrealism to express her suffering through her work. We will cover her life, her art, a survey of Mexican artists, a survey of women artists from her time onward, and a survey of other Surrealist painters. We will also discuss some of her works in detail.

Out of Silence: Repair Across Generations

Instructor: Dr. Martin Beck Matušík

lecture \$10

1 session: Thursday, Oct. 22

12:15 – 1:45 p.m. • Mercado, Bldg. C, Room 131

In 1997, Professor Martin Beck Matušík made a dramatic discovery at the age of 40. He was the child of a Holocaust survivor. His mother's shocking secret came from the most unlikely of places: shoeboxes full of her literary and personal archives. These dramatic revelations changed his life forever and set him on a path to discover his true identity. His research unveiled his mother's remarkable life and the truth behind her painful decision to reject her Jewish heritage and keep it hidden from her family.

Go for Baroque

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

4 sessions: Thursdays, Nov. 12, 19, Dec. 3, 10

(no class Nov. 26)

10:15 – 11:45 a.m. • Mercado, Bldg. C, Room 131

Early definitions of the Baroque style included: "peculiar, awkward, or in bad taste." But, today, opinions have changed. The Baroque period (1600s) was a fascinating time in the history of interior design, signaling the introduction of draperies, upholstery, expanses of mirror, exotic finishes, Asian touches, and naturalistic motifs. This course will cover interior design in the 1600s, ranging from Italy, France, the Netherlands, England, and Colonial America. Reference to Baroque music and our penchant for coffee drinks will also be part of the discussion.

Honey Badgers Don't Care: Why Should You?

Instructor: Dr. Ken Sweat

lecture \$10

1 session: Thursday, Dec. 10

12:30 – 2:00 p.m. • Mercado, Bldg. C, Room 131

The appeal and natural charisma of an organism is a crucial factor in how willing people are to protect it. This class will use the popular characterization of the honey badger to discuss the politics of what species are used to advocate for protection and which are not, and the reasons why some species are more attractive to conservation politics than others.

friday

Poverty and the Illusion of Choice

Instructor: Luke Black

lecture \$10

1 session: Friday, Sept. 11

10:15 – 11:45 a.m. • Mercado, Bldg. C, Room 131

What are the root causes of poverty, and whose responsibility is it to solve it? Do people have a choice to be poor or move out of poverty? We will explore these questions along with the systematic root causes of poverty – which continue to push families into poverty and perpetuate its cycle. Ultimately, these systemic roots undermine our efforts to end poverty. This session will cover the role of housing, education, and economic systems in maintaining poverty.

“Around the World” Fridays

People and Power in 21st Century Iran

Instructor: Dr. Behrang Foroughi

lecture \$10

1 session: Friday, Sept. 11

12:15 – 1:45 p.m. • Mercado, Bldg. C., Room 131

During the 20th century, Iran experienced two massive revolutions, the world wars, and a lasting movement for independence and democracy. This presentation is about such significant moments, shaping Iranians' perspectives towards their place and role in the world. Specifically, the dynamic interaction of today's young people with these moments will be discussed and how they are presently living everyday to seek life in its abundance, amidst all adversities.

Zimbabwe: Surviving the National Economic Disaster Through the Power of Community

Instructor: Rodney Machokoto

lecture \$10

1 session: Friday, Sept. 25

12:15 – 1:45 p.m. • Mercado, Bldg. C., Room 131

Every system in the nation was crumbling, and the temptation was to be selfish and work for one's own survival. Rodney Machokoto shares the story of Zimbabwe and how some communities worked together to stay alive. Zimbabwe is considered a case of the worst national economic disaster of the 21st century. How did people manage when the economic system, food system, health system, water system, waste system, and other systems fell apart?

Thailand: The Land of Smiles

Instructor: Tara Suwinyattichaiorn

lecture \$10

1 session: Friday, Oct. 2

12:15 – 1:45 p.m. • Mercado, Bldg. C., Room 131

In this session, you will learn about the history, geography, tourism, and cuisine of Thailand – The Land of Smiles. Also, you will learn the top five most interesting aspects of Thai etiquette and values including the “wai” hand salute, the notion of “gengjai,” the etiquette of paying, and when to keep silent. You're guaranteed to leave the class an expert of Thailand!

From Kiev to Kosovo: Eastern Europe's Dramatic Democratic Revolution

Instructor: Dan Fellner

Cost \$35

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

10:15 – 11:45 a.m. • Mercado, Bldg. C., Room 131

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 region's countries have thrown off the shackles of totalitarianism. But tensions remain, underscored by the recent conflict between Russia and Ukraine. This highly visual course will examine Eastern Europe's “frozen conflicts,” its unique and diverse culture, and the issues facing the region's surviving Jews, Roma and other minorities. Finally, we'll explore a number of fascinating and little-known destinations that you might want to consider for your next overseas trip.

Flash Everything: A Mixed-Genre Creative Writing Workshop

Instructor: Dr. Rosemarie Dombrowski

Cost \$35

4 sessions: Fridays, Sept. 18, 25, Oct. 2, 9

10:15 – 11:45 a.m. • Mercado, Bldg. C., Room 131

British fiction writer, David Gaffney, noted that his stories vastly improved after he began “severely downsizing” them. Accordingly, *Brevity* magazine has become the destination for Pulitzer Prize winners and NEA recipients alike, despite their 750 word maximum. Based on the above premises and armed with a battery of examples and techniques, we'll be embarking on a journey to produce and revise micro-memoir, flash fiction, and pithy poetry. Whatever genre(s) you choose, you'll be keeping it briefer than you thought you could! The class will be co-facilitated by Sophia McGovern and Leah Newsom.

Educating the Body in Arizona: The Life Work of Ina E. Gittings

Instructor: Dr. Pamela Stewart

lecture \$10

1 session: Friday, Sept. 18

12:15 – 1:45 p.m. • Mercado, Bldg. C., Room 131

Long before Title IX, Ina E. Gittings (1885-1966) became the first university director of Women's Physical Education and Athletics in Arizona in 1920, where she would spend the rest of her life. Before arriving at University of Arizona, the Nebraska Phi Beta Kappa, pole-vaulter, homesteading educator served in the U.S. Army Medical Corps during World War I as a Reconstruction Aide – the world's first generation of physical therapists – followed by a stint in foreign service aiding Armenian refugees in Turkey. Come discover the significance of this fascinating individual whose very name marks Arizona's map.

Reciprocal Mentoring and Activist Scholarship

Instructor: Dr. Beth Swadener

lecture \$10

1 session: Friday, Oct. 16

10:15 – 11:45 a.m. • Mercado, Bldg. C., Room 131

What are ways different generations of scholars and activists mentor each other? What are ethical issues in scholar activism? How do university-community events facilitate dialogue and change? This interactive talk draws from over 30 years of activism, engagement with students on a range of social justice issues, and international work. It provides specific and practical examples of advocacy strategies, ethical issues in scholar activism, and raises questions for discussion.

Sustainability for the 21st Century: Challenges, Progress and New Thinking

Instructor: Dr. David Pijawka

lecture \$10

1 session: Friday, Oct. 23

12:15 – 1:45 p.m. • Mercado, Bldg. C., Room 131

This lecture will address the five global issues that will confront nations over the next 80 years in reaching sustainability: ecological footprints, urbanization, food insecurity, lack of resiliency, and population growth. We will look at the history of sustainability and the problems with the modern sustainability framework and the need to expand the framework if we are to make progress. We will explore five important, mostly urban, policy approaches to sustainability: resiliency, environmental justice, ecological services, sustainability indicators, and social dimensions, to see where progress can be made.

All About Jazz Guitar

Instructor: Dr. Jeffrey Libman

Cost \$20

2 sessions: Fridays, Oct. 30, Nov. 2

12:15 – 1:45 p.m. • Mercado, Bldg. C, Room 131

We will delve into many aspects of jazz guitar, including legendary guitarists, classic recordings, and the evolution of jazz guitar styles. This two-session class will consist primarily of active listening to exemplary recordings with interspersed guided discussion. Dr. Libman will also demonstrate various musical concepts on the guitar. The class is intended for jazz aficionados and those who would like to learn more about jazz.

The Challenges of Western Civilization: From Enlightened Revolutions to an Internet Age

Instructor: Dr. Pamela Stewart

Cost \$35

4 sessions: Fridays, Nov. 13, 20, Dec. 4, 11 (no class Nov. 27)

12:15 – 1:45 p.m. • Mercado, Bldg. C, Room 131

The 18th century brought new “Enlightenment” ideas about order, equality, and liberty, which challenged the status quo as people tried to apply them to society through individual actions, laws, revolts, and revolutions. In ensuing centuries, more and more have claimed their right to dissent and participate in defining and implementing order, equality and liberty. Variations of those original challenges remain constant, even as historical contexts have changed and those ideas have spread far beyond Europe and even into the virtual realms of the internet. Come take a look at history through the lens of Enlightenment ideals and the practices invoked by those claiming their humanity and their equality.



Women and Religion

Instructor: Dr. Mirna Lattouf

lecture \$10

1 session: Friday, Dec. 4

10:15 – 11:45 a.m. • Mercado, Bldg. C, Room 131

This class offers a historical look at the role of women in religious traditions as they are a reflection of and are used to establish, maintain, and enforce sex roles within societies.

Community-led Solutions vs. a “have not” View in Development

Instructor: Dr. Behrang Foroughi

lecture \$10

1 session: Friday, Dec. 11

10:15 – 11:45 a.m. • Mercado, Bldg. C, Room 131

This presentation will expose the fallacy of a “have not” view in development, where external agencies are delivering projects to address the needs of communities around the world. This view has often inadvertently led to an over-dependence on external assistance and a weakening of local potential to organize and mobilize. To provide an alternative to this conventional practice, ingredients and a recipe for wholesome community-led solutions will be explored using examples from New Zealand, Australia, USA, and Ethiopia.

asu downtown campus

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

Mikulas “Nick” Pstross, Coordinator

Email: Mikulas.Pstross@asu.edu

Website: <http://lifelonglearning.asu.edu/downtown>

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

parking

Public and ASU parking lots are conveniently located around the campus. We offer our members discounted parking in 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. Class/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/olliasufall15

- **Fast! Easy! Secure!**
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

All About Dogs: The Origins, Pleasures and Pitfalls of Being Man's Best Friend

Instructors: Dr. Clive Wynne and Lisa Gunter **Cost \$35**
4 sessions: Mondays, Sept. 21, 28, Oct. 5, 12
10:30 a.m. – noon

Dogs have been keeping people company for over 15,000 years, and yet the scientific study of dog behavior is a relatively new topic. We look at the origins of dogs and how they evolved from wolves. It is not always easy being man's best friend and we review behavioral problems that arise in the home. Many millions of dogs live in shelters, and about one third of them will be euthanized. We look at what dogs in shelters can do to help themselves find new homes, and behavioral issues at the shelter. As our best friends for thousands of years, when dogs get in trouble, we owe them something.

The Symphonic Tradition in the 20th and 21st Centuries

Instructor: Josh Bennett **Cost \$45**
5 sessions: Mondays, Sept. 21, 28, Oct. 5, 12, 19
2:30 – 4:00 p.m.

From the tumultuous beginnings of the 20th century to the wild interconnectivity of the 21st century, the Symphonic Tradition has remained as an important cultural phenomenon in Western society. We will investigate the works of great composers as well as the performers and conductors of the past 100 years in both large and small ensembles throughout Europe and the United States.

Good Bug or Bad Bug? Why You Should Care

Instructor: Dr. Elizabeth W. Davidson **lecture \$10**
1 session: Monday, Oct. 26
10:30 a.m. – noon

Insects play critical roles in our lives. Yes, they can be creepy! Yes, they can sting or bite! Yes, they can eat our fruit! But they also pollinate our crops and clean up the dead stuff. Learn which insects you need to worry about and which ones you should love!

"I was having such a good conversation with two of my fellow students after class, that I didn't realize the absence of my canvas bag until we were nearly at the light rail. By that time, we had bonded so thoroughly that we were making plans to meet for lunch after class the next week! This is one of the things I love about Osher classes – one meets people one would like to have as friends. Talk about building a sense of community!"

- Anne O.

How Art Informs Neuroscience

Instructor: Dr. Jay Braun, Professor Emeritus **Cost \$20**
2 sessions: Mondays, Nov. 2, 9
10:30 a.m. – noon

Artists make vivid use of the way the brain processes information without actually knowing what's going on up there. Yet their inspired creations may be viewed as subtle links in the chain of events that lead to scientific discovery. Neuroscience may look at artistic products and wonder what the secret is behind the artistic expression. What is behind the impression of depth in a two-dimensional drawing? What allowed Seurat to create an entire palette of color from little dots of red, green and blue? What accounts for the uncanny ability of Picasso to portray individuals and ideas with so few lines and contours? To what degree does art project one's mental state in cases of mental illness and other neurological disorders? These and other questions addressing the unspoken collaboration between art and neuroscience will be (hopefully, partially) illuminated here.

A Family of Minds: William and Henry James, Their Family and Friends

Instructor: Dr. Jean Hedberg **Cost \$35**
4 sessions: Mondays, Nov. 16, 23, 30, Dec. 7
10:30 a.m. – noon

Henry James, Sr., a significant man of letters, and his wife Mary, had five extraordinary children all of whom were brilliant but flawed by mysterious illnesses. William was an M.D., a naturalist, a philosopher, artist and psychologist. Henry was a master of literature as well as a critic, a playwright and, some say, a better psychologist than his brother. Their circle of friends included nearly everyone in intellectual and cultural circles on both sides of the Atlantic. An introduction to the lives and works of the outstanding members of this family will reveal relationships between philosophy, psychology, literature, art, politics, religion and women's issues of the time.

The Nitty and the Gritty: An Introduction to Elementary Particle Physics

Instructor: Dr. Richard Jacob, Professor Emeritus **Cost \$35**
4 sessions: Mondays, Nov. 16, 23, 30, Dec. 7
1:00 – 2:30 p.m.

This two-part course is designed for adults who, while not necessarily trained in the sciences, are curious about the fundamental nature of matter in our universe. It is taught at the university general studies level and has no mathematics or physics prerequisites beyond that ordinarily required for high school graduation. New concepts will be carefully introduced. These first four weeks will cover the physics of protons, neutrons and mesons, as well as the strong and weak nuclear forces and an introduction to nuclear physics. It will include the physics of leptons and neutrinos. The second four-week part (in Spring, 2016), will introduce the quark era of particle physics and end with the discovery of the Higgs boson and the search for supersymmetric particles. It will also include a brief survey of particle cosmology and the role of fundamental particles in the Big Bang.

tuesday

Encounters Between Poets and 3D Art

Instructor: Dr. Kelly Nelson

Cost \$35

4 sessions: Tuesdays, Sept. 29, Oct. 6, 13, 20

1:00 – 2:30 p.m.

Deepen your appreciation and understanding of both poetry and art in this class on poetry inspired by visual art. We'll be focusing on three dimensional art (sculpture, monuments and public art) to explore how writing can extend and illuminate the meaning of a piece of art. This interactive class combines mini-lectures, discussion, writing activities and (optional) presentations.

Southwest Landscape Drawing I, with Pencil and Graphite Stick

Instructor: Allen Reamer

Cost \$35

4 sessions: Tuesdays, Oct. 6, 13, 20, 27

10:00 a.m. – noon

This course is for those who have not drawn landscapes and those who would like to improve their landscape drawing skills. This course takes a step-by-step approach to improving your skills. First, we will cover terms and increase your knowledge about the tools and supplies. We will then learn to draw specific southwestern landscape objects: mountain, trees, grasses, etc., and producing landscape drawings. **Supplies to bring to class:** HB pencil; 5B, 6B, or 7B pencil; 4B or 6B graphite stick; vinyl eraser; 9" or 12" or larger spiral bound drawing book; large and small stumps.

A Look into Buddhism and a Peek into Taoism

Instructor: Dr. Keith Crudup

Cost \$45

5 sessions: Tuesdays, Oct. 27, Nov. 3, 10, 17, 24

2:00 – 3:30 p.m.

"Emptiness is Form, and Form is Emptiness" and which is stronger, the water or the rock? What do such riddles reveal? Although Buddhism originated in North India, it has through the centuries become a major world religion. As "The Middle-Way" migrated from South to East Asia and reached China, there began a creative confluence: an intimate interaction with Taoism, a native tradition of China. Both Buddhism, and especially philosophical Taoism, have fascinated Westerners from all walks of life. This brief course will introduce you to the basic teachings of Buddhism and Taoism, revealing their fascinating similarities.

Chemistry of the Environment

Instructor: Dr. Kirstin Hendrickson

Cost \$35

4 sessions: Tuesdays, Nov. 10, 17, 24, Dec. 1

10:30 a.m. – noon

With words like pollution, natural resources and sustainability all over the popular media, are you left wondering how to separate scientific reality from hype? Or perhaps you'd like to understand, in simple and jargon-less terms, what is happening on our planet. In this series of lectures, we'll learn about the hole in the ozone layer, where it came from, how it's doing now, and how two researchers discovered what NASA missed. We'll explore the science, economics and politics of GMOs

and learn whether they're a marvel of biotechnology with the potential to feed a growing population, or an environmental disaster (perhaps with ramifications for health). We'll address global warming – both the science and the perception of a scientific debate, and discover how a 19th century Swedish chemist impacted our understanding of climate science when he got dumped by his girlfriend. In the fourth lecture, made up of Dr. Hendrickson's characteristic "Science Tapas" short-format topics, we'll explore relevant subjects depending on class interest: mercury in seafood, the effect of pollution and global warming on coral reefs, the start of what scientists are calling the "6th Mass Extinction" – the way specific molecules (like capsaicin in peppers and zingerone in ginger) have impacted the globe, and anything else that strikes the class' fancy.

Anti-Vax: The Safety and Efficacy of Vaccines, and a Hard Look at the Modern Anti-Vaccine Movement

Instructor: Dr. Kirstin Hendrickson

lecture \$10

1 session: Tuesday, Dec. 8

10:30 a.m. – noon

Vaccination is arguably one of the safest and most effective health measures in modern medicine. The vaccine, however, is a victim of its own success: as vaccine-preventable illnesses disappear from the public eye, nebulous fears about "toxins" in vaccines loom larger in the eyes of today's parents than the seeming unlikelihood of a child succumbing to a now-rare illness. As a result, the current anti-vaccine movement is resulting in increasing rates of once-rare disease in the U.S. What's behind the modern anti-vaccine movement, and is there more to it than simply a desire for the "natural" and a fear of injecting toxins? What is a vaccine, anyway, and are the ingredients anything to worry about? Finally, is the decision to vaccinate a personal one, or does it have an impact on public health? In this class, Dr. Hendrickson will address the safety and efficacy of modern vaccines, the inception of the modern anti-vaccine movement, and its impact on individual, national, and global health.

wednesday

Introduction to Travel Writing

Instructor: Dan Fellner

Cost \$35

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

10:15 – 11:45 a.m.

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.





Frank Lloyd Wright: His Life, Women and Houses

Instructor: Allen Reamer
1 session: Wednesday, Oct. 7
 1:00 – 3:00 p.m.

lecture \$10

Frank Lloyd Wright is probably the best known American architect. We will examine his life and architecture. We will see how his childhood and his relatives influenced his career and his personal life. Wright designed houses in primarily three architectural styles. We will discuss these styles and many of the houses he designed. In addition, we will look at his life and the women in his life, covering as much material as possible in the class time.

The Louvre Museum

Instructor: Allen Reamer
2 sessions: Wednesdays, Oct. 14, 21
 1:00 – 3:00 p.m.

Cost \$20

The Louvre is the world's most visited museum, with about 10 million visitors each year, and also one of the largest, covering over 2 square miles. This talk will cover the history of Louvre, from fortress to museum. With about 35,000 objects, this course will only be an overview of the collections with some in-depth talk of a few of the objects. We will continue from collection to collection. If we have time, we will cover additional art museums in Paris.

thursday

Waking up to Sleep

Instructor: Dr. Janet E. Tatman, PA-C
4 sessions: Thursdays, Oct. 1, 8, 22, 29 (no class Oct. 15)
 10:30 a.m. – noon

Cost \$35

Often a neglected factor in long-term health, sleep needs are commonly misunderstood by laypersons and physicians alike. Our 24/7 society, heavy work and school demands, and electric lights and gadgets in modern societies all contribute to limitations on our ability to get fully restorative sleep. We'll review the consequences of sleep deprivation, especially sleep's relationship to appetite, weight, and cognitive functioning. And most important, we'll discuss how a healthy sleep system normally functions in order to better understand the problems and successful management of common sleep disorders, including insomnia, restless leg syndrome, sleep apnea, sleepwalking and acting out dreams.

World War II: Redefining Asia

Instructor: Robert Niebuhr
4 sessions: Thursdays, Oct. 1, 8, 15, 22
 1:00 – 2:30 p.m.

Cost \$35

This course examines the radical changes that occurred in Asia as a result of Japan's expansion in the 1930s. We will first better understand the dynamics of late imperialism in Asia and then move toward the importance of the region on a global stage. Japanese foreign policy worked within this structure and the warfare that emerged not only changed the political landscape of Asia, but also ensured that Asia would continue to remain a center point of global politics. We will trace the war through its causes until the final resettlement that occurred after 1945.

Glib and Oily Art: Politics in Theatre

Instructor: Heather Ackerman
5 sessions: Thursdays, Oct. 29, Nov. 5, 12, 19, Dec. 3
 (no class Nov. 26)
 1:00 – 2:30 p.m.

Cost \$45

Theatre is an ideal platform for representing political zeitgeists and prompting reflection on key questions regarding governance. We will discuss plays that challenge regimes and revolutions, coach civic engagement, and map the interplay between public offices and personal lives. What constitutes tyranny and what justifies rebellion? What metrics reliably determine a good government? Can authorities divide themselves from their personal decisions and consciences? What is literature's role in cultivating political ideas and spurring a public to action? Each week we'll probe these questions and others as we discuss a diverse set of readings: William Shakespeare's *King Lear*, George Bernard Shaw's *St. Joan*, Bertolt Brecht's *Mother Courage and Her Children*, Peter Weiss's *Marat/Sade*, and Caryl Churchill's *Top Girls*.

Gianfranco Ferré: A Master of Italian Fashion

Instructor: Dennita Sewell
1 session: Thursday, Nov. 12
 10:30 a.m. – noon

lecture \$10

Phoenix Art Museum's Curator of Fashion Design, Dennita Sewell, explores the work of prolific Italian fashion designer Gianfranco Ferré, whose work is the subject of two stunning exhibitions at the museum this fall. Trained as an architect, Ferré was one of the leading designers who envisioned what the styles of the 1980s and 1990s would be. His simple and pure designs were uncluttered, well-proportioned, and expressed quality over ostentation. This illustrated slide lecture and discussion examines Ferré's working style and impact on international fashion.

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.

refund policy

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how to register!

registration information

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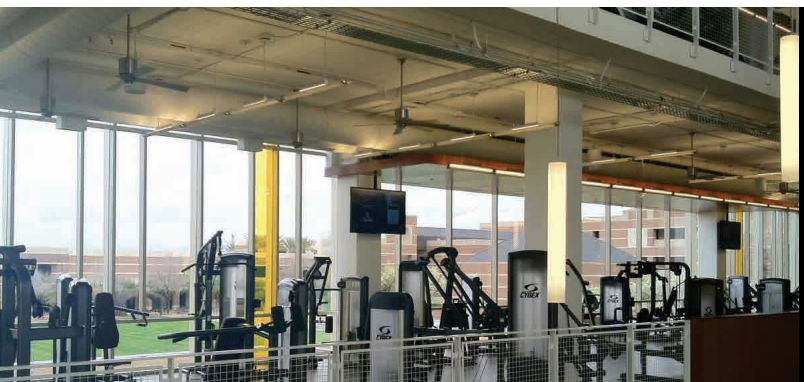
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“ These courses have increased my happiness, and I cherish ”
the feelings of community with my fellow students.
~John Johnson

We asked members of the Osher Lifelong Learning Institute (OLLI) at ASU why OLLI is an important part of their lives. For some it's the stimulating classes and conversations that are sparked. For others, it's the friendships that have been forged and the incredible OLLI staff. But the one common thread to all of these responses is the joyful and vibrant community that we have built.

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monday

Economics and Religion with Examples from the Early Catholic Church

Instructor: Paul L. Burgess, Professor Emeritus **lecture** \$10
1 session: Monday, Oct. 19

1:30 – 3:00 p.m. • Village Center, Skirm Auditorium

Most religious organizations, especially large and wealthy/powerful ones, use various strategies to increase the allegiance, loyalty, and donations of both time and money from their religious customers. Using economics as the lens to examine the behavior of religious organizations provides interesting explanations of various strategies. The early Catholic Church provides numerous examples of these strategies.

The South Sudan: Past, Present and Future

Instructor: Dr. Mathew Betz, Professor Emeritus **lecture** \$10
1 session: Monday, Nov. 16

1:30 – 3:00 p.m. • Village Center, Skirm Auditorium

The lecture will begin with a brief overview of the Sudan up to the independence of the South Sudan from the Sudan in 2011. That will be followed by a more detailed presentation of the current situation emphasizing problems of religion, geography, oil, tribalism, and today's security situation. To conclude, we will speculate on the future including economic development, government structure and relations with Sudan, China, USA, and other East African countries.

tuesday

Neural Doors to Art Perception

Instructor: Dr. Jay Braun, Professor Emeritus **lecture** \$10
1 session: Tuesday, Nov. 10

10:30 a.m. – noon • Recreation (Rec) Center

Artists may make vivid use of the way the brain processes information without actually having a clear idea what's going on up there. Neuroscience may look at artistic products and wonder what the secret is behind the artistic expression, and what is revealed by the perceptual experience it inspires. What is behind the impression of depth in a two-dimensional drawing? What allowed Seurat to create an entire palette of color from little dots of red, green, and blue? What accounts for the uncanny ability of Picasso to portray specific individuals and ideas with so few lines and contours? These and other questions addressing the unspoken collaboration between art and neuroscience will be (partially) illuminated with this talk.

wednesday

The National Gallery of Art: Its History and Its Collection

Instructor: Allen Reamer

Cost \$35

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

10:00 a.m. – noon • Recreation (Rec) Center

The Smithsonian Institution in Washington, D. C. consists of 19 museums and galleries. The course will include a brief history of both the Smithsonian and the National Gallery of Art, which is a separate institution; a survey of selected collections from seven of the Smithsonian museums: the American Art Museum, Freer Gallery of Art, Sackler Gallery, National Museum of African Art, Hirshhorn Gallery and Sculpture Garden, National Museum of the American Indian and the National Portrait Gallery; and an overview of the extensive collections along with in depth discussion of a few of the objects. The National Gallery has a wide and extensive range of paintings, prints, photographs and sculpture, both historic and modern, including paintings by Renoir, Monet, Van Gogh, Vermeer, Rembrandt and over 300 prints by Rembrandt. Some of the works given by major collectors will be discussed with a look at portions of the permanent installations and collections. You will also learn how the National Gallery got the only Leonardo da Vinci painting in the U.S.

thursday

The Importance of Collecting Life Histories: Women Musicians' Contributions to World War II

Instructor: Dr. Jill Sullivan

lecture \$10

1 session: Thursday, Oct. 29

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

This session will demonstrate the "how and why" collecting life/oral histories is significant to American and family history. Demonstrated through the professor's oral history research with 84 World War II female veterans, you'll learn why personal stories of lived experiences contribute to the history of a variety of communities: family, country, military, and musicians. Come learn the basics of collecting oral history and how technology can help in your preservation of oral histories for posterity.

"I wanted to thank you [Elizabeth McNeil] for teaching, facilitating and guiding me to explore memoir writing. It was a tremendous step for me to take this class, but your honesty and forthrightness both motivated and supported me."

– Cherie S.

Memoir Writing Workshop I

Instructor: Dr. Elizabeth McNeil

Cost \$60

6 sessions: Fridays, Sept. 4, 11, 18, 25, Oct. 2, 9

Noon – 2:00 p.m.

Village Center, Admin Conference Room

This class is for participants at any level of writing experience. Through readings, exercises, and in-class workshops, participants will enjoy delving into their wealth of memory to learn and practice the craft of writing memoir. Instruction will be provided in a variety of memoir genres, though you are always welcome to write in the genre of your choice. **Participants must have an email account and access to a computer and printer.** Since the class is held during lunchtime, feel free to bring food and drinks. Please contact Elizabeth with questions at mcneil@asu.edu. Class limit: 15 participants, no exceptions.

The Films of Jack Nicholson

Instructor: Dr. Ian Moulton

Cost \$35

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

10:30 a.m. – noon • Recreation (Rec) Center

In the 1970s, there was no American actor more exciting to watch than Jack Nicholson. After a decade of work in B movies, Nicholson rose to stardom playing a series of loners and outsiders who seemed to embody both the non-conformist spirit of the 1960s and its inevitable defeat in the uncertain world of the 1970s. His unique combination of humor and rage, wit and frustration, integrity and madness changed the very definition of a Hollywood leading man. We will view a selection of the films that made Nicholson famous: *Five Easy Pieces* (1970), *The Passenger* (1975), *One Flew Over the Cuckoo's Nest* (1975), and *The Shining* (1980).

Memoir Writing Workshop II

Instructor: Dr. Elizabeth McNeil

Cost \$60

6 sessions: Fridays, Oct. 16, 23, 30, Nov. 6, 13, 20

Noon – 2:00 p.m. • Village Center, Admin Conference Room

This class is for participants at any level of writing experience. Through readings, exercises, and in-class workshops, participants will enjoy delving into their wealth of memory to learn and practice the craft of writing memoir. Instruction will be provided in a variety of memoir genres, though you are always welcome to write in the genre of your choice. **Participants must have an email account and access to a computer and printer.** Since the class is held during lunchtime, feel free to bring food and drinks. Please contact Elizabeth with questions at mcneil@asu.edu. Class limit: 15 participants, no exceptions.

Fundamentals of Conté (studio class)

Instructor: Allen Reamer

Cost \$35

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

1:00 – 3:00 p.m. • Recreation (Rec) Center

You can produce beautiful shaded drawn objects with Conté (also known as Conté sticks or Conté crayons), a drawing medium composed of natural pigments. You will first be shown how to hold your Conté crayon and then learn five methods of blending Conté. After practicing each blending technique, you will be shown how to produce sharp edges and soft edges. Additionally, you will be shown how to hold and use your stump to produce different effects. After practicing until all these techniques are mastered, we will learn to draw and shade a variety of objects. How to draw, shade and blend each object will be demonstrated. Time permitting, after learning how to draw, shade and blend single objects, we will draw a group of objects.

Supplies to bring to class: 1) A Spiral bound drawing book, your choice of size, 2) Stumps – small, medium and large, 3) Conté crayon (traditional Conté comes in black, white, brown and red brown. You only need to buy one color: black, brown or red brown. Conté brand is preferred, as it is not as gritty as other brands, but they will work; 4) Conté pencil. If you cannot find a Conté pencil, get the crayon. The pencil and the crayon should be the same color.

friendship village tempe

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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.

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monday

The Hopi Tribe

Instructor: Dr. Lou-ellen Finter, Professor Emerita Cost \$35

4 sessions: Mondays, Oct. 5, 12, 19, 26

10:30 a.m. – noon • The Lodge

Learn about the Hopi Indians, who have inhabited the same arid highlands of northern Arizona for a millennium. They are not only one of the oldest dwellers in this land, but are considered by most other Indians to have a wisdom – a knowledge of things – beyond average comprehension. We will look at their origins, beliefs in conjunction with the Katsinam; their religion that unites them to their stark and beautiful environment. Peace-loving and knit tightly together by clan relationships, they are intensely spiritual and fiercely independent.

Casa Grande Ruins

Instructor: Michael Yetter, Park Ranger

lecture \$10

1 session: Monday, Oct. 12

1:30 – 3:00 p.m. • The Lodge

Did you know that the Casa Grande Ruins National Monument was the first cultural and prehistoric site to be protected by the United States government? It was set aside in 1892 by President Benjamin Harrison, but for more than 650 years the Casa Grande has stood as a meeting place and landmark. Whether the Casa Grande was a gathering place for the Desert People or simply a waypoint marker in an extensive system of canals and trading partners is but part of the mystique of the Ruins. We will explore the mystery and complexity of the Hohokam, the Ancient Sonoran Desert People, and learn why and how they utilized the Sonoran Desert for resources.

I Spy . . . A Cancer

Instructor: Dr. Karen Anderson

lecture \$10

1 session: Monday, Nov. 2

10:00 – 11:30 a.m. • The Lodge

It's the one word no one wants to hear escape from their doctor's lips, but each year, 12.7 million people around the world do – cancer, a disease that kills millions and costs billions to treat. Ask an oncologist about the best way to beat the disease, and their response will likely be, "start treatment as early as possible." But first, you need to diagnose it. That's often easier said than done. Learn how Dr. Anderson conducts research in the Virginia G. Piper Center for Personalized Diagnostics to diagnose cancer and how proteomics and molecular immunology is changing the detection and treatment of cancer. Dr. Anderson will share how she and her team have been working to identify and detect cancer. Join us for a lecture presented by a world renowned cancer researcher.

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

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

4 sessions: Mondays, Nov. 16, 30, Dec. 7, 14 (no class Nov. 23)

10:30 a.m. – noon • The Lodge

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

tuesday

Spiritual vs. Religious

Instructor: Dr. Linell Cady

lecture \$10

1 session: Tuesday, Oct. 6

10:30 a.m. – noon • The Lodge

Over the past decade or so, increasing numbers of Americans have come to identify as "spiritual but not religious." This lecture will explore this orientation, considering its historical sources, distinctive features, and some contemporary exemplars. What conditions and motivations help to explain this spiritual orientation? What does it suggest about the changing American religious landscape?

Reflective Writing Workshop: Commentary and More

Instructor: Dr. Debra Schwartz

Cost \$35

4 sessions: Tuesdays, Oct. 6, 13, 20, 27

1:30 – 3:00 p.m. • The Lodge

Vent in this fun workshop where we will write about our relationship to current events. Research from the field of psychology shows this kind of writing can: (1) ease aches and pains (when it includes writing about nature); (2) erase the blues; (3) alleviate frustrations; and (4) lower your blood pressure. Lively and spirited discussion assured! We will write commentary, letters to the editor (focus on format and length), personal experience, and talk about all three in relation to memoir. Remember to bring your pen and paper. Join us for a healthy workout!

"The OLLI community is inclusive, intellectual, enabling informed opinions . . . sharing a bright light with other like-minded people."

- Denise C.



New Interpretations: The Cold War and the Politics of Our Time

Instructor: Dr. Robert Niebuhr

Cost \$30

3 sessions: Tuesdays, Oct. 27, Nov. 3, 10

10:00 a.m. – noon • The Lodge

This course examines the radical transformations in international diplomacy and statecraft brought about by end of World War II. When the war concluded in 1945, leaders around the world desperately sought legitimacy and stability. Traditionally, scholars have examined the so-called bipolar nature of the Cold War and emphasized the power that emanated from Moscow and Washington; but, some of the most radical changes occurred in the Third World and among smaller states like Tito's Yugoslavia. The class will focus on a survey of ideology, foreign policy, and military transformation from 1945 until the early 1970s.

Reconstruction: The View from the White House 1861-1881

Instructor: Dr. Brooks Simpson

Cost \$35

4 sessions: Tuesdays, Nov. 10, 17, Dec. 1, 8 (no class Nov. 24)

2:30 – 4:30 p.m. • The Lodge

Between 1861 and 1881, four American presidents: Abraham Lincoln, Andrew Johnson, Ulysses S. Grant, and Rutherford B. Hayes, confronted the challenge of how to reunite the U.S. while addressing the status of African Americans in a postwar country. How these men addressed these issues, and how the issues changed over time, continues to engage our attention. How does one provide the basis for loyal state governments in the former Confederacy? How best should one go about promoting postwar sectional reconciliation? What would be the place of African Americans in a reunited nation, and what would freedom mean? How does one answer these questions while remembering that politics is the art of the possible? Join us as we will explore these and other questions.

Agnosia: A Brain's Eye View of Knowledge

Instructor: Dr. Jay Braun, Professor Emeritus

lecture \$10

1 session: Tuesday, Nov. 17

10:30 a.m. – noon • The Lodge

Agnosia means "not knowing." The term was originally applied by Sigmund Freud to describe the effects of certain kinds of brain damage. It referred to cases where a patient would behave appropriately in a demanding situation, but would be unable to acknowledge or claim the behavior: the person would be behaving rationally but was not "mindful." This means that there is a separation of conscious awareness and rational behavior following certain kinds of brain damage. This lecture will explore this phenomenon with examples from the neurological literature.

wednesday

Dancers and Drummers: The Perfect Union

Instructor: Dom Moio

Cost \$35

4 sessions: Wednesdays, Oct. 21, 28, Nov. 4, 18 (no class Nov. 11)

10:30 a.m. – noon • The Lodge

The origins of jazz music and dance are found in the rhythms and movements brought to America during the 1600s by African slaves. During the 1920s, Fred Astaire had been a vital part of Broadway. He blended the flowing steps of ballet with the abruptness of jazz movements and was the first dancer at that time to dance every musical note so that the rhythmic pattern of the music was mirrored in the dance steps. Join Dom as he lectures and demonstrates the drum rhythms that will trace the rhythmic relationships between drummers and dancers from African slaves to Fred Astaire. Picture yourself doing the Cha Cha, Mambo, Foxtrot, and more or maybe just get up out of your seat and dance to the beat!

thursday

Einstein, Life, and Science**Instructor: Dr. Francisco J. Solis****Cost \$30****3 sessions: Thursdays, Oct. 8, 15, 22****10:30 a.m. – noon • The Lodge**

Peer into the world events and social movements that affected Albert Einstein and his remarkable works of science. Two wars, militarism and pacifism, Zionism and anti-Semitism, along with the development of nuclear weapons, shaped the world in which he lived. We will compare and contrast these events with his contributions in physics, including the special and general theories of relativity, the photoelectric effect and his contributions to quantum theory.

20th Century Poetry**Instructor: Dr. Charity McAdams****Cost \$35****4 sessions: Thursdays, Oct. 22, 29, Nov. 5, 12****12:30 – 2:00 p.m. • The Lodge**

"For I have known them all already, known them all: Have known the evenings, mornings, afternoons, I have measured out my life with coffee spoons" – T.S. Eliot. The meaning of contemporary poetry does not often make itself available to us. It may not have rhythm, rhyme, or weave together images we can easily comprehend. In many ways, the Modernist movement is responsible for this shift. If you've ever wondered how poets like T.S. Eliot, Hilda Doolittle, Amy Lowell, and E.E. Cummings shaped the face of 20th century poetry and how their poetry related to that which came before and after them, this is the class for you. More than this, the class will explore ways to approach reading 20th century poetry that will help shape your appreciation of and fondness for it, and even for art and literature in general.

American Realists**Instructor: Allen Reamer****Cost \$35****4 sessions: Thursdays, Oct. 29, Nov. 5, 12, 19****10:00 a.m. – noon • The Lodge**

America has a long tradition of 'realistic' painting from Thomas Eakins to Andrew Wyeth. In this course, as time allows, we will cover five great American Realistic painters: Thomas Eakins, Winslow Homer, Edward Hopper, Georgia O'Keeffe, and Andrew Wyeth. We will discover how each depicted reality in a different way.

friday

**Apologia and Redemption:
WW II in Contemporary German Film****Instructor: Dr. Volker Benkert****lecture \$10****1 session: Friday, Dec. 4****10:00 – 11:30 a.m. • The Theatre**

German WW II films oscillate between two well established, though conflicting, discourses on ordinary Germans as victims and co-perpetrators. The 2013 mini-series *Generation War*, however, tried to overcome this divide by presenting ordinary Germans as both innocent and guilty. Yet, this lecture argues that it carefully shields audiences from the guilt of their ancestors by inserting apologetic narrative tropes. The movies thus represents the current state of mastering the past in Germany, which despite its strides to create awareness of German guilt, has moved little beyond apologia and redemption.

maravilla scottsdale

Maravilla Scottsdale**7325 E. Princess Blvd.****Scottsdale, AZ 85255****480-538-5600**Email: nora.mandel@asu.eduWebsite: lifelonglearning.asu.edu/scottsdale

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Osher Lifelong Learning Institute at ASU

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 to 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, Dr. Aannestad 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 research fellow and 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.

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 degree 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*.

Anderson, Karen

Karen Anderson M.D., Ph.D., is an associate professor at ASU's Biodesign Institute and the School of Life Sciences, as well as an associate professor at the Mayo Clinic Department of Medicine. Her research focuses on the immune response to cancer, and how anti-cancer immunity can be harnessed for early detection and for treatment. Dr. Anderson received her M.D. and Ph.D. from Duke University. She completed her medical residency at Brigham and Women's Hospital in Boston, MA and was a Clinical Fellow, Adult Hematology and Oncology at Dana Farber Cancer Institute, Boston, MA. Dr. Anderson is board certified by the American Board of Internal Medicine, Medical Oncology and Hematology. Her academic appointments include serving as an instructor at the Harvard Medical School in Boston.

Anderson, Owen

Owen Anderson, Ph.D., received his doctorate in philosophy from ASU and is an assistant professor in the philosophy of religion at ASU's West campus. Dr. Anderson's research areas include the ethics of belief, world religions and common ground, and the problem of evil. His book *Reason and Worldviews* examines how thinkers such as Alvin Plantinga, Benjamin Warfield, Abraham Kuyper, and Cornelius Van Til have explained the relationship between reason and religious belief. In *The Clarity of God's Existence* he examines the need for theistic proofs within historic Christianity, and the challenges to these since the Enlightenment. Dr. Anderson has published articles about religious pluralism, the ethics of belief, natural law, and boredom and meaning. He is a member of the editorial boards of *Reviews in Religion and Theology* and *New Blackfriars*, and is a reviewer for *Sophia* and *The Heythrop Journal*. He has received grants from the Harvard Pluralism Project and the Arizona Humanities Council.

Benkert, Volker

Volker Benkert teaches courses in modern German and European history as well as western civilization and global history at ASU. He conducts Individualized Studies projects on issues in German and German-Jewish history. Volker studied history and English at the Universities of Bonn, Edinburgh, St. Petersburg, and Fribourg and graduated with a master's from the University of Bonn. He is currently completing his doctorate at the University of Potsdam entitled "Biographies in Transition: The Last Children of the GDR Today." His research focuses on the impact of sudden regime change on biographies in 20th century Germany and Europe. In addition to relying on traditional sources, he utilizes extended biographical interviews.

Bennett, Josh

Josh Bennett is a freelance musician and educator in the Phoenix valley. He has performed throughout the Valley with various ensembles including the Arizona Opera, Crossing 32nd Street, Phoenix Theater, and the Symphony of the Southwest. He is also a founding member of the electro-acoustic free improv trio Static Announcements. As an educator at Paradise Valley Community College, Josh has taught Applied Clarinet, Jazz History, Rock History, Survey of American Music, Music Theory, and World Music.

Betz, Mathew J. – Emeritus College at ASU

Mathew Betz, Ph.D., joined the ASU Civil Engineering Department in 1961 after earning a Ph.D. at Northwestern University. He first lived in the Sudan in 1956 while teaching at the University of Khartoum. He returned to conduct research in 1960 and later lead a major research project there during the mid-sixties. He taught at the University of Nairobi in 1973-74. He retired from ASU in 1993 as vice provost for planning and budget and achieved the status professor emeritus. Since retiring he has traveled in China, Turkey, Tanzania, Botswana, Zambia, Jordan, Syria, and Egypt. Dr. Betz continues to write and lecture on the Sudan.

Black, Luke

Luke Black received his M.S. degree in justice studies from ASU's School of Social Transformation in 2015. He also holds a MA in transformational leadership from Seattle University. Luke works as the Equal Voices Facilitator for the Arizona Community Action Association. He engages Arizona communities in ending poverty through social justice. He hosts workshops, conducts advocacy trainings, and creates opportunities for dialogue.

Borths, Joshua

Joshua Borths is the education manager at Arizona Opera. Originally from Cincinnati, Josh worked for many opera companies as a director, writer and administrator. Some of these companies include Wolf Trap Opera, Michigan Opera Theatre, Opera Memphis, The Atlanta Opera, and the Crested Butte Music Festival in Colorado. Josh holds undergraduate degrees in musicology and voice from the University of Michigan and a master's degree in opera production from Florida State University.

Brandt, Beverly – Emeritus College at ASU

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, Dr. Brandt also paints watercolor journals and publishes short essays and memoirs about life in Northwestern Lower Michigan. She is currently working on a series of murder mysteries, featuring Professor Ferradeen Warde, who is also a design historian.

Braun, Jay – Emeritus College at ASU

Jay Braun, Ph.D., received a doctorate in physiological psychology from Ohio State University, specializing in neuroscience and psychology. He began his career at Yale University where he studied behavioral recovery following brain damage with emphasis on sensory and memory processes. Joining ASU in 1973, his interests included studies of taste and smell as they related to brain functioning, and in the 1990s he chaired the psychology department for nine years. He has taught a wide range of courses at the interface between neuroscience and psychology, and he is widely published. After teaching at ASU for 30 years, Professor Braun now gives community talks and courses on the brain and nervous system. He is a founding member of the Emeritus College at ASU.

Burgess, Paul – Emeritus College at ASU

Paul Burgess, Ph.D., received a doctorate in economics from the University of Colorado Boulder after working for Ford Motor Company. He then joined ASU where he taught and conducted research for 38 years as a professor of economics. During that time, he served as chair of the department of economics, chair of the W. P. Carey School of Business dean's personnel advisory committee, chair of the University Chairs' Group, and chair of the university's Main Campus Strategic Planning and Budgeting Committee. Dr. Burgess also conducted research and consulting projects for many major corporations, 17 state governments, the U. S. Department of Labor, and the National Commission on unemployment compensation.

Cady, Linell

Linell Cady, Th.D., is founding director of the Center for the Study of Religion and Conflict and professor of Religious Studies at ASU. She received her B.A. from Newton College and her M.T.S. and Th.D. from Harvard University, and has taught at St. Mary's College, Norte Dame, and Indiana. Her research focuses on modern western religious thought and the interrelations of religion, politics and public life, with primary attention to the American context. She is the author of *Religion, Theology and American Public Life* and co-editor of several volumes, including *Comparative Secularisms in a Global Age and Religion, the Secular and the Politics of Sexual Difference*. She is currently co-directing a research initiative on "Religion and Global Citizenship," a multiyear collaborative project funded by the Henry Luce Foundation.

Crudup, Keith

Keith Crudup, Ph.D., is full-time faculty for the philosophy and religious studies department at Mesa Community College. Dr. Crudup teaches 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).

Davidson, Elizabeth W.

Elizabeth Davidson, Ph.D., is research professor in ASU's School of Life Sciences. She received her BS degree from Mount Union College in Ohio and her Ph.D. in entomology from the Ohio State University. She is an insect pathologist, with research interests in microbial control of insects, including mosquitoes and the silverleaf whitefly. In the last decade, Dr. Davidson's research has shifted to diseases of amphibians in collaboration with scientists from around the world, addressing the international problem of amphibian decline and extinction.

Dombrowski, Rosemarie

Rosemarie Dombrowski, Ph.D., has a doctorate in American literature from ASU where she is currently a lecturer of English. She is the co-founder and host of the *Phoenix Poetry Series*, the editor-in-chief of the undergraduate writing journal *Write On, Downtown*, and a poetry editor for the Phoenix-based literary magazine *Four Chambers*. She has recently published her first chapbook of poetry, *The Book of Emergencies*.

Falsetti, Anthony B.

Anthony B. Falsetti, Ph.D., received his formal education at the University of Tennessee at Knoxville. Dr. Falsetti was a postdoctoral research fellow at the State University of New York Stony Brook 1990 to 1992. For 12 years, Anthony was the director of the C.A. Pound Human Identification Laboratory and an associate professor in the Department of Anthropology at the University of Florida. In 2010 and 2011 he was deputy director in the Forensic Sciences Department, at the International Commission for Missing Persons where he oversaw the mortuary and field activities of Anthropology and Archaeology Division in Sarajevo, Bosnia and Herzegovina. He is a diplomate of the American Board of Forensic Anthropology, and a fellow of the American Academy of Forensic Sciences. He served for 10 years on the Editorial Board for the *Journal of Forensic Sciences*.

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 three-time Fulbright Scholar to Eastern Europe, where he has taught courses in journalism and communications at universities in Latvia, Moldova and Bulgaria. Most recently, he spent the 2015 spring semester teaching at the American University in Blagoevgrad, Bulgaria. Since 1998, he has been a faculty associate at ASU, where he teaches courses in communications and English. Dan also is a faculty affiliate with ASU's Melikian Center for Russian, Eurasian and East European Studies. He has visited over 110 countries and had more than 60 travel articles published in various newspapers and magazines on such diverse destinations as Greenland, Dubai, Swaziland, Ecuador, Vietnam and Kosovo.

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.

Foroughi, Behrang

Behrang Foroughi, Ph.D., is an assistant professor in ASU's School of Community Resources and Development. He holds graduate degrees in Engineering from Isfahan University in Tehran, in Planning from University of Guelph, Canada, and a Ph.D. in Community Development from the University of Toronto. Behrang teaches in the areas of leadership, community innovation, and social change. His community organizing and development work involves working with nomadic and indigenous communities in rural Iran, India and Afghanistan, and inner city youth activists of Tehran, Toronto, and Cairo.

Fox, Kate

Kate Fox, Ph.D., is an associate professor in the School of Criminology & Criminal Justice at ASU. Dr. Fox specializes in researching the extent and correlates of interpersonal victimization, including intimate partner violence and stalking. She has published over 40 refereed articles and her work is regularly published in leading criminology and victimization journals. She has served as principal investigator on grant-funded program evaluations and she has partnered with victim service agencies to conduct needs assessments and program evaluations.

Gratton, Brian

Brian Gratton, Ph.D., is a scholar of immigration and ethnicity in the United States, Latin America and Europe. He retired as professor of history from ASU in 2014. His publications include two books and numerous articles. He worked on immigration and ethnicity while a Fulbright Fellow in Spain and in Ecuador, and as a Fellow at the Russell Sage Foundation in New York. Dr. Gratton taught immigration history at ASU for 20 years, developing a highly popular course that attracted students from diverse backgrounds.

Gunter, Lisa

Lisa Gunter is a doctoral student at ASU where she studies in the Canine Science Collaboratory under the direction of Dr. Clive Wynne. She recently earned her M.A. in behavioral neuroscience, holds a B.A. in journalism from the Evergreen State College and has worked with dogs in animal shelters and with their owners for nearly a decade. Lisa's research investigates how breed labels influence perceptions of dogs at shelters, and interventions focused on helping adopters with new dogs. She has presented her research at numerous conferences including the Association of Professional Dog Trainers, Interdisciplinary Forum for Applied Animal Behavior, Veterinary Behavior Symposium and the International Society for Anthrozoology.

Hedberg, Jean

Jean Hedberg, Ph.D., was a faculty member in the General Honors Program at the University of New Mexico in Albuquerque for over 25 years where she taught interdisciplinary seminars. After moving to Arizona, she taught Introduction of Philosophy, and History of World Religions at Rio Salado College.

Hendrickson, Kirstin

Kirstin Hendrickson, Ph.D., is a senior lecturer in the department of chemistry and biochemistry at ASU. In addition to a Ph.D. in chemistry, she also holds degrees in zoology and psychology. She has published several articles in scholarly journals, and written about science, society, and evidence-based decision making for popular media sources, including *Scientific American*.

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.

Kennedy, Jeffery

Jeffery Kennedy, Ph.D., is the ASU West campus assistant professor of interdisciplinary arts and performance in the New College of Interdisciplinary Arts and Sciences at ASU, where he teaches courses in interdisciplinary arts and performance. As a music theatre professional, he has worked on production staffs for Stephen Sondheim and James Lapine, and also as a music director for Broadway performers that include Carol Lawrence and Jubilant Sykes. Dr. Kennedy is an award-winning composer, arranger, producer and stage director. He has many recordings in gospel and choral music, and has traveled as a pianist for the Bill Gaither Trio and Gaither Vocal Band.

Koboжек, Kimberly

Kimberly Koboжек received her B.S. in biology from ASU in 1993. After a short career in cytogenetics at a private lab in Chandler, Arizona, as well as volunteering for the Mesa Police Department Crime Laboratory, Kimberly began her career as a forensic scientist (a.k.a. "criminalist") with the City of Phoenix Police Department Crime Laboratory. While working for the PPD Crime Lab, Kimberly worked in the Controlled Substances Unit, the Toxicology/Blood Alcohol Unit, and the Forensic Biology Unit. She earned her MS in biology from the University of Nebraska at Kearney and served as an adjunct professor in the life sciences department at Paradise Valley Community College. During her time with the city, Kimberly testified as an expert witness or was involved in a number of ground-breaking or high-profile criminal cases in Maricopa County including the "Baseline Killer" case; the case of Ray Krone; and the case dubbed the "A.M. Rapist." Kimberly is currently program director of forensic science, and clinical associate professor in ASU's New College of Interdisciplinary Art and Sciences.

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., DHL

Rabbi Barton Lee was the Rabbi/Executive Director of the Hillel Jewish Student Center at ASU for 40 years. An ASU faculty associate, he also taught courses in history, religious studies, and Jewish studies. Having graduated from Stanford and Hebrew Union College in Cincinnati, he earned his doctorate from Hebrew Union College in 1968. Rabbi Lee has also studied in Israel. He has translated *Yalkut Derekh Eretz, A Handbook on Gracious Conduct*, S.Y. Agnon's *To the Torah*, and with Rabbi Roy Walter, published *My Prayers: A Child's Book of Prayers for Every Day Occasions*.

Libman, Jeffrey

Jeff Libman, Ph.D., is an instructor in the department of jazz studies at ASU. He earned his 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.

Machokoto, Rodney

Rodney Machokoto is a doctoral student in ASU's School of Community Resources and Development and a research associate in ASU's Partnership for Community Development. His research interests include social accounting, community development, social enterprises, and impact investing/social finance. He earned his master's in accounting with a concentration in enterprise risk management from North Carolina State University and his B.S. in accounting from Methodist University. Rodney is a certified internal auditor (CIA) and previously worked as a business risk consultant.

Matuštík, Martin

Martin Beck Matuštík, Ph.D., is Lincoln Professor of Ethics and Religion, Professor of Philosophy and Religious Studies, and Director of the Center for Critical Inquiry and Cultural Studies at ASU. He received his Ph.D. degree in Philosophy from Fordham University in 1991. Between 1989 and 1991, he was a Fulbright student at the J. W. Goethe-Universität in Frankfurt, Germany working with Prof. Dr. Jürgen Habermas. Dr. Matuštík has published seven single-author books, edited two collections, and co-edited the *New Critical Theory* series. His book publications include: *Postnational Identity: Critical Theory and Existential Philosophy in Habermas, Kierkegaard, and Havel* (1993); *Radical Evil and the Scarcity of Hope: Postsecular Meditations* (2008), *Out of Silence: Repair across Generations* (2015) and others.

McAdams, Charity

Charity McAdams, Ph.D., is returning to Barrett, her alma mater, from the University of Edinburgh, where she completed her doctorate in English literature in 2013. She completed a postdoctoral teaching fellowship in Edinburgh in 2014, teaching Shakespeare and courses on Capitalism, Reification, and 20th century Literature. Her doctoral work was rooted solely in the poetry and prose of Edgar Allan Poe, viewed through the lens of literature and music studies, but her research interests are based more widely in 19th and 20th century British and American literature, literature and music studies, and pedagogy.

McNeil, Elizabeth

Elizabeth McNeil, Ph.D., teaches in the School of Letters and Sciences at ASU. She received her MFA 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., joined ASU in 1995. He is professor of English, and faculty head of interdisciplinary humanities and communication in the School of Letters and Sciences at ASU. Dr. Moulton is a cultural historian and literary scholar whose main field of research is Renaissance Literature. He has taught film studies for many years, including a number of courses for OLLI at ASU.

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, including *Poetry and Prose for the Phoenix Art Museum* (Four Chambers Press, 2015). Dr. Nelson is a 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.

Pijawka, David

David Pijawka, Ph.D., is a professor of geographical sciences and urban planning at ASU and senior sustainability scholar with the Global Institute of Sustainability. His research includes environmental justice, disaster management and risk assessments, and environmental perceptions and behavior. He has written books and monographs on issues centered on nuclear waste, recovery from disasters, sustainability solutions, and responses to designing sustainable neighborhoods. His most recent publication is *Sustainability for the 21st Century*, a textbook for undergraduate students across the country. He has won over 30 awards for his research and teaching, including the 2009 Educator of the Year Award from the NAACP. Over the last 10 years, he has taught one of the largest courses at ASU called Sustainable Cities. Last summer he lectured throughout China on sustainability.

Pilskaln, Robert J.

Robert Pilskaln, Ph.D., is a sociologist and audio producer. He received his doctorate in sociology from Case Western Reserve University, with specializations in gerontology and complex organizations. His dissertation "The Major Market Radio Station as an Element in the Political Economy of Rock n' Roll" analyzed the impact of radio programming formats on the marketing of rock n' roll. Dr. Pilskaln's audio production company, Just Guise, produced the Phoenix radio programs *Le Tip Live*, *Building Your Family Dynasty* and *Insurance Matters with Larry Bofman*.

Reamer, Allen

Allen Reamer received a bachelor's in art and a master's in fine art in sculpture. His postgraduate work is in art history and education. Allen has developed and taught a great variety of studio art and art history courses for over 45 years. He was the president of the District of Columbia Art Education Association for 10 years and was very active for a decade with the National Art Education Association in the areas of curriculum and assessment. He has been recognized as art teacher of the year and received a fellowship to China. He has taught for OLLI since its inception, and exhibits with the Neu Art Group in Arizona.

Schmidtke, Paul

Paul Schmidtke, Ph.D., is a principal lecturer in the School of Mathematical and Natural Sciences at ASU where he teaches astronomy courses. He received a doctorate in astronomy from The Ohio State University, and has worked for Kitt Peak National Observatory in Tucson and the Center of High-Angular Resolution Astronomy at Georgia State University. Dr. Schmidtke collaborates with colleagues in ASU's School of Earth and Space Exploration (SESE) and with astronomers at the Dominion Astrophysical Observatory in Victoria, BC. He is a recognized expert on the photometry (measuring brightness variations) of X-ray binaries, and his studies utilize telescopes around the world and in space.

Schoenberg Lee, Marcie

Marcie Schoenberg Lee is a faculty associate at ASU. Her passion is teaching and learning from those in her university, adult education, and preschool classes, as well as her Jewish, Christian, Muslim and secular audiences around the U.S. and abroad. She teaches the Bible through art, ethics, human sexual behavior, Judaism, child development, the relationship of the Hebrew and Christian Bibles, and effective parenting. She trains religious school teachers, is a child development consultant, and conducts Sabbath services for AVIV of Arizona. Professor Lee was educated at the University of California, Hebrew Union College and ASU.

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.

Sewell, Dennita

Dennita Sewell has been curator of fashion design at Phoenix Art Museum since January 2000. She received her MFA in Design from the Yale School of Drama and B.A. in Textile and Apparel Management from the University of Missouri. Prior to Phoenix, Sewell was collections manager at The Metropolitan Museum of Art's Costume Institute. At Phoenix Art Museum, she has organized exhibitions on topics ranging from motorcycle jackets to contemporary designers drawn from the Museum's comprehensive collection, international fashion houses and private collections.

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 DC. 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.

Simpson, Brooks

Brooks D. Simpson, Ph.D., is ASU Foundation Professor of History, teaching in the College of Letters and Sciences and in Barrett, The Honors College at ASU. He received his B.A. in history and international relations from the University of Virginia, followed by his M.A. and Ph.D., in history from the University of Wisconsin. He is the author of several books on 19th century American history, specializing in the period of the Civil War and Reconstruction.

Solis, Francisco J.

Francisco Solis, Ph.D., is an associate professor in the School 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 College 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). Dr. 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.

Sullivan, Jill

Jill M. Sullivan, Ph.D., is an associate professor of instrumental music education in the Herberger Institute for Design and the Arts at ASU. She teaches undergraduate instrumental methods, master's-level courses in instrumental literature and introduction to research, and doctoral classes in historical and quantitative methods. After nearly a decade of interviewing 84 women musicians who served during World War II, in September 2011, she completed her book *Bands of Sisters: U.S. Women's Military Bands during World War II* as part of *The Scarecrow Press* series on American Wind Bands.

Suwinyattichai, Tara

Tara Suwinyattichai is a fourth-year doctoral candidate in the Hugh Downs School of Human Communication at ASU. She teaches interpersonal and intercultural communication at ASU and her research revolves around intercultural interactions, personal relationships, and empathetic communication. Originally from Thailand, her goal is to promote empathetic communication across cultures, as she believes the understanding of self and others is a foundation of happiness.

Swadener, Beth

Beth Blue Swadener, Ph.D., is a professor of justice studies and associate director of the School of Social Transformation at ASU. Her research focuses on internationally comparative social policy, with focus on sub-Saharan Africa, impacts of neoliberal policy on local communities, and children's rights and voices. She has co-edited and authored 11 books, including *Children and Families "At Promise"*, *Does the Village Still Raise the Child?*, *Decolonizing Research in Cross-Cultural Context*, and *Children's Rights and Education and Reconceptualizing Early Childhood Care and Education: A Reader*. Beth is a co-founder of the Jirani Project, supporting children in Kenya and Reconceptualizing Early Childhood Education (RECE), and is active in several child advocacy organizations.

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 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.

Tatman, Janet E.

Janet E. Tatman, Ph.D., PA-C, is a fellow of the American Academy of Sleep Medicine and certified in behavioral sleep medicine. She was a physician assistant in family practice and emergency medicine near Washington, D.C. and then completed a Ph.D. in Clinical Psychology at American University, followed by an internship in health psychology and a post-doctoral fellowship in sleep disorders at Rush-Presbyterian-St. Luke's Medical Center, Chicago. She has 21 years of experience treating patients with sleep disorders and has interpreted thousands of sleep laboratory studies.

Tetreault, Colin

Collin Tetreault serves as faculty associate and manager at ASU's School of Sustainability and Global Institute of Sustainability. He holds a bachelor's in marketing from W.P. Carey School of Business and a master's from the School of Sustainability, both from ASU. Mr. Tetreault has served as the senior policy advisor of Sustainability to Mayor Stanton of Phoenix and spoken at numerous business conventions. 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 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 2011 after 38 years.

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. 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.

Webb, Betty

Betty Webb is the author of nine Lena Jones mysteries and three Gunn Zoo mysteries. Betty worked as a journalist, interviewing everyone from U.S. presidents, astronauts who walked on the moon, and polygamy runaways. A nationally-syndicated literary critic for more than 30 years, she currently reviews for *Mystery Scene* magazine. She is a member of the National Federation of Press Women and Mystery Writers of America.

Weigele, Bethany

Bethany Weigele, Ph.D., received her undergraduate degree from Trinity University, San Antonio, in the field of chemistry and a graduate degree in molecular microbiology from the University of Texas Southwestern Medical Center at Dallas where she studied the mechanisms of infection of pathogens such as salmonella and legionella. Now at ASU in the Office of University Initiatives, Dr. Weigele applies her research skills to rejuvenate higher education to better meet the needs of the people and the communities ASU serves.

Wynne, Clive D. L.

Clive Wynne, Ph.D., is currently professor of psychology at ASU where he is the director of Canine Science Collaboratory. He is also director of research at Wolf Park, Indiana. He was educated at University College London and Edinburgh University in Scotland and has studied animal behavior in Britain, Germany, the U.S. and Australia. As well as three books and numerous scientific papers, he has written for *American Scientist*, the *New York Times*, among others. He is often quoted in print media and radio, and his science has been featured on several TV shows.

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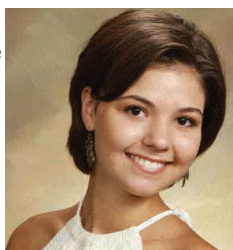
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asu west campus fall events



Summer Common Read

Adam Braun, author of Promise of a Pencil, gives keynote presentation
Sept. 10 in La Sala Ballrooms

"Drawing on Memory"

by Marianne Kim and Eden McNutt
Sept. 2 - Oct. 1 in Gallery Exhibit at ArtSpace West

Call and Response

Student and faculty artwork
Oct. 7-29 in Gallery Exhibit at ArtSpace West

Student One Acts

Oct. 15-17 and Nov. 5-7 at Second Stage West

Veteran's Day Weekend Traditional Pow Wow

Nov. 7 on Fletcher Library Lawn
11 a.m.-10 p.m. - Free!
Read more at: <http://outreach.asu.edu/west/culturalprograms>

"Dig" by Barry Moon

Nov. 18-25 in Gallery Exhibit at ArtSpace West

West Valley Symphony

"First Time Winners and One Hit Wonders"
Nov. 22 in La Sala Ballrooms at 7 p.m.
\$5 students and OLLI members, \$10 seniors, \$15 general

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

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