

Welcome to LifeLong Learning

Welcome to the 2021-2022 Season. The Board of Directors and volunteers of LifeLong Learning at PebbleCreek (LLL) are excited to offer our scheduled events in person again. Zoom was a wonderful tool that got us through the pandemic, but it can't really replace the benefits of gathering in person for a lecture or class. Our season starts this year with a special Premier Lecture on September 10, The Legacy of 9/11. The season continues through the end of March with a full slate of Premier Lectures, Monday Morning Lectures, Classes, Trips and Special Programs. Our trips are dependent on the readiness of destinations to reopen from the pandemic. Once dates are confirmed, that schedule will be communicated to the community. We hope to begin trips in January. In this SCHEDULE you'll find detailed instructions on how to register and what to do if you need help. Please visit our website for complete details on our programs.



We welcome new volunteers and hope you will consider joining us. Your participation in LLL programs is our goal and we look forward to seeing you.

Paul Polk, President



LifeLong Learning Board of Directors

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LLL Center

Eagle's Nest Activities Center
3657 Clubhouse Drive, Room 107

Contact

info@lifelonglearningatpc.org

Website

www.lifelonglearningatpc.org

What is LifeLong Learning?

LifeLong Learning at PebbleCreek, a volunteer organization, provides opportunities for expanding the knowledge and horizons of the community's residents. Our goal is to provide programs to further your knowledge, entice you to explore new subjects and discover new places in the Metro Phoenix area.

Through lectures, classes, trips and special programs, our 100+ devoted volunteers offer you quality programs to keep your mind active and engaged.



The events listed in this SCHEDULE are explained more fully on our website. You can attend any Monday Morning lecture by purchasing a ticket at the door of the Tuscany Falls Renaissance Theater. Registration is required for all other events, even if the event is free. Create an account on our website, www.lifelonglearningatpc.org, and then register for the events you want to attend.



Keep up to date with what is happening by subscribing to the LLL LifeLine, an e-newsletter. To subscribe, send an email to info@lifelonglearningatpc.org. You can also use this address for questions or to suggest a program.



The LLL Center in Room 107 of the Eagle's Nest Activities Center is used for classes and meetings. For those who are hearing impaired, the room is equipped with a hearing loop.



If you want to become a volunteer, send an email to info@lifelonglearningatpc.org and you will be contacted by a volunteer. You will have the opportunity to meet new people, give back to our community, use the skills you already have and learn new skills.

We are all lifelong learners and we wish you a wonderful season of learning!

Premier Lectures

Tuscany Falls Renaissance Theater, 7 p.m. | \$15 per person in advance or at the door

Friday, September 10 - The Legacy of 9/11

Twenty years ago, on September 11, 2001, nearly 3,000 people perished in the multi-pronged attack. In response, the U.S. government completed the largest restructuring of its national security apparatus since World War II. A new cabinet department responsible for homeland security was created, the Transportation Security Administration, which is now in charge of securing American transportation, including civil aviation. Billions of dollars have been spent on the homeland-security enterprise. The overall effort to counter jihadist terrorism has been strong, but imperfect.



Premier lecturer **Mark Randol** had a unique vantage point for the dramatic events on that day and will provide a brief overview of the attacks, including some little-known facts and statistics and will conclude with observations about how the attacks have profoundly changed America.

Friday, November 12 - Japanese Mass Imprisonment during WWII

During World War II, the United States government forced nine-year old **Sam Mihara** and his family to move from their home in San Francisco to a Wyoming prison camp for people of Japanese ancestry. Mihara will speak about his wartime experience and the devastating effect it had on his family.

Mihara earned his undergraduate degree from UC Berkley and received graduate degrees in engineering from UCLA. He joined the Boeing Company, serving as a rocket scientist and space program executive.



After retirement, Mihara became a national speaker on mass imprisonment. Mihara's book, *Blindsided - The Life and Times of Sam Mihara*, will be available for sale.

Friday, January 14 - Navajo Code Talkers

Peter MacDonald is one of the last living Navajo Code Talkers of World War II who used a unique code, based on the Navajo language, during the war in the Pacific to transmit secret messages. The Navajo Code, the only military code in modern history that was never broken by an enemy, and the Code Talkers saved hundreds of thousands of lives and helped to shorten the war in the Pacific. MacDonald will explain how the Navajo Code was developed and used during the war.



MacDonald graduated from the University of Oklahoma with an Electrical Engineering degree. He has received numerous honors including the Congressional Silver Medal for heroic service to the nation as a USMC Navajo Code Talker and election to the University of Oklahoma Engineering Hall of Fame.

Friday, February 4 - A Visit with Marie Curie

Meet Madame Marie Curie, likely the most famous woman scientist. Curie changed the world we live in through her discovery of radium and radioactivity. Through collaboration with the medical community, she discovered and established the first successful radiation treatments for cancer. Curie opened the doors of science to women worldwide.

Susan Marie Frontczak will present an in-character monologue and then field a Q&A session first as Marie Curie and then as herself. A popular PebbleCreek lecturer, Frontczak previously portrayed Eleanor Roosevelt and Erma Bombeck to sold-out audiences.



Friday, February 18 - Artificial Intelligence Update

Artificial intelligence (AI) has rapidly developed and is all around us. From digital personal assistants to autonomous cars, from robotic doctors to autonomous weapons, AI is already creating tremendous benefits and serious concerns.

Gary Marchant, Ph.D., J.D., will explain what AI is and why there is so much excitement about the technology. Marchant is faculty director of the Center for Law, Science & Innovation at the Sandra Day O'Connor College of Law at Arizona State University. He also serves as a professor at the School of Life Sciences and as Distinguished Sustainability Scientist at the Global Institute of Sustainability at ASU.



No Refund Policy

LifeLong Learning refunds purchases ONLY when the event is cancelled. If you cannot use your purchase, contact Lifelong Learning to determine if there is a wait list and if there is, LLL will provide you with names to contact. You can also sell your purchase on the PebbleCreek e-group. LLL must be notified so the new purchasers can be added to the event roster.

Monday Morning Lectures: Outstanding Speakers on a Variety of Topics

Tuscany Falls Renaissance Theater, 10 a.m. | \$5 per person at the door | 60-90 minutes

October 18 - Inventors and Innovators - Women, Blacks and other Minorities

American history is filled with minorities who have contributed greatly to the history and advancement of the country. **Bonnie Saunders, Ph.D.**, will bring to life some of the remarkable people in science, medicine, technology, and other fields whose contributions are not well-known. Saunders is currently an adjunct history professor at Glendale Community College and teaches for the adult education programs at Rio Salado College in Surprise and in Sun City Grand.

October 25 - Electric Cars - Exploring Your Options

Hannah Breetz, Ph.D., discusses the fundamentals of how electric vehicles (EVs) work, compares different types of hybrids and battery EVs, and delves into the considerations of range, costs, performance, and environmental impacts. Breetz is an assistant professor at the ASU School of Sustainability Affiliate, Center for Energy and Society, Center for Biomimicry. She is a political scientist who studies the political economy of alternative energy.

November 1 - Grand Canyon - Its Geologic History

Sit back and relax as **Steven Semken, Ph.D.**, takes you on a virtual journey through the geologic history of the Grand Canyon. Learn what these ancient rocks tell us about almost two billion years of Earth history. He is a professor of geology and education at the ASU School of Earth and Space Exploration.

November 8 - The Constitution - Does It Need Fixing?

Since the adoption of the Constitution in 1789, it has been amended 27 times – a tiny fraction of the more than 11,000 proposed amendments. **Thomas J. Davis**, historian, lawyer, and professor emeritus at ASU, will explore how and why efforts to “perfect” the constitution have changed over time. His discussion will help us understand, from a historical perspective, today’s calls to change the nation’s fundamental law.

January 10 - Capturing the Magic of Africa

Fred Krakowiak has been inspired to capture wildlife by his awareness that one day his photography, artwork and stories may be all that remain of the world’s majestic creatures. He will share his travel experiences and ideas on how to improve your own photos.

January 17 - The Beatles Next ... The Solo Years

The Beatles stunned the world when they disbanded in 1970 after a successful six years together. Beatles scholar **Vinnie Bruno** presents a fun and fascinating program that continues the post break up story of the individual band members. The program will cover The Beatles' legacy and how they established themselves as solo artists and their collaborations with each other on many solo projects.

January 24 - Valley Fever - Something is in the Air

What exactly is valley fever? What does valley fever mean for Arizona residents? Who is most at risk? What are the signs and symptoms? What is the role of public health in serving the community? **Jennifer Collins, MPH**, has been studying valley fever for several years and will address these and other questions.

January 31 - Police Culture and Accountability

Explore both the occupational and organizational environments that police navigate daily. **William Terrill, Ph.D.**, a professor in the School of Criminology and Criminal Justice at ASU, discusses various issues surrounding police culture and the challenges presented in terms of police accountability and fairness.

February 7 - Adventures of a Travel Writer

See the world through the eyes of an experienced travel writer. **Dan Fellner**, an eight-time Fulbright fellow, has over 35 years experience in various fields and has visited all 50 U.S. states and over 120 countries. He is a freelance travel writer and teaches at ASU's Osher LifeLong Learning Institute.

February 14 - Understanding and Maintaining Your Memory

Understanding how the brain changes throughout life can relieve some of the stress felt when we don't remember things. **Billie Enz**, professor emeritus at ASU, will provide tips on maintaining memory skills, explain the different memory systems and provide the latest research on memory storage and retrieval.

February 21 - New Methods of Diagnosis and Treatment for Cancer

Ultrasounds, CT scans, MRI and PET/CT are all tools used by doctors to diagnose and treat different cancers. **Dr. Eric vanSonnenberg** will review how these tests help doctors determine the best way to treat patients either for a cure or to lessen their symptoms. In practice for more than 20 years, Dr. vanSonnenberg is board-certified in both Internal Medicine and Radiology.

February 28 - The U.S. Border Patrol - A View from the Inside

Border Patrol agents work on the front lines and deal with increased traffic (both legal and illegal), infrastructure and technology. Border Patrol Agent **Andrew Van Leer**, the Community Liaison for the Casa Grande Border Patrol Station, will share his experiences which include humanitarian efforts that include rescue and medical assistance to anyone in need.

March 7 - Growing Goodyear - Our Future is Bright

Learn more about the expansive growth in Goodyear and the trends in commercial and residential development. **Julie Karins**, City Manager of Goodyear since 2018, will also highlight major projects in the works and on the horizon for our great city.

March 14 - Female Boots on the Moon - The Artemis Program

NASA is committed to landing American astronauts, including the first woman and the next man, on the Moon by 2024. Using new technologies and systems to explore more of the Moon than ever before, the goal is to use what is learned to send astronauts to Mars. **Peter Swan, Ph.D.**, and **Cathy Swan, Ph.D.**, are pioneers in determining how humanity will exist off the planet Earth.

March 21 - The Remarkable Story of Arizona Highways Magazine

One of the finest travel magazines in the world, Arizona Highways accepts no advertising, a unique publishing model. Retired publisher **Win Holden** will share many surprising stories and insights from his lengthy tenure as the sixth publisher of the magazine.

March 28 - This Can't Be Real, Can It? - Identifying Online Scams

Scammers are getting more sophisticated, and we need to understand how to protect ourselves. **Kristy Roschke, Ph.D.**, of ASU's Walter Cronkite School of Journalism and Mass Communication, will show how scams are evolving and will provide tips and techniques for spotting scams and verifying claims.

Ways to support LifeLong Learning

Register for Fry's and/or Amazon Smile.

To donate visit www.lifelonglearningatpc.org/donate

Classes: Learn Something New

For more information please visit www.lifelonglearningatpc.org.

Intro to Genealogy – Denise Beeson

Oct. 7 and 14 – 1-2 p.m. | \$20 | 24 max capacity

Learn how to trace your family's history through genealogy database research, DNA and other means. This two-part class (one hour each day) will help you establish your strategy and develop a methodology for success. Computer experience is not required but is recommended.

Eastern European Genealogy – Denise Beeson

Nov. 4 – 1-3 p.m. | \$20 | 24 max capacity

Learn about the ethnic and religious forces in Eastern European countries that affect genealogical searches. Uncover the new information that was recently added to database research for that part of the world.

Brewing Beer at Home – Mike Andersen

Nov. 9 – 1-3 p.m. | \$20 | 15 max capacity *at private home*

Learn from PebbleCreek's home brewer how to craft your own beer. He will explain beer's primary ingredients – malt, hops, yeast and water - and how they impact the flavor of the brew. You'll see a home brewery and learn about the equipment needed and the steps in the brewing process.

Gluten Free Lifestyle – Lois Chonhon

Nov. 10 – 1-3 p.m. | \$20 | 24 max capacity

Many people have been diagnosed with allergies and food sensitivities ranging from an inconvenience to a deadly serious health issue. The instructor will provide tips and tricks for ordering in a restaurant, easy substitutions in cooking and some basic recipes.

Cell Phone Photography – Adriana Greisman

Nov. 16 – 1-3 p.m. | \$20 | 24 max capacity

Learn what all those symbols mean on your cell phone camera and how to use them. The camera options allow you to edit, load, save and send photos. You will learn how to create better photos to share with friends and family.

Artisan Bread Making – Gene Fioretti

Nov. 16 – 1-2:30 p.m. | \$20 | 15 max capacity *at private home*

Watch a demonstration, ask questions, and taste the delicious artisan bread that will be created in front of you. You will leave with a recipe and tips on how to bake artisan bread in your home.

Introduction to Database Research – Denise Beeson

Nov. 18 and Dec. 2 – 1-2 p.m. | \$20 | 24 max capacity

This class is designed to teach you about the genealogical databases that you will need to trace your family's history. This two-part class (one hour each day) will be beneficial whether you are a beginner or advanced.

Baguettes – Gene Fioretti

Dec. 14 – 1-2:30 p.m. | \$20 | 15 max capacity *at private home*

Learn how to make those wonderful baguette loaves even if you don't have a steam oven in your home. Everyone will be given a copy of the recipe so you can refer to it as the class progresses and take notes. Tasting the baguette will be a highlight of the class.

Beginning Photography – Adriana Greisman

Jan. 11, 18, and 25 – 1-3 p.m. | \$60 | 24 max capacity

This class is a series of three sessions that will take you through many of the concepts a beginning photographer needs to know. Each session builds on the previous one and you cannot take the second or third session unless you attend the first, etc. There are no exceptions.

Intriguing World of Gemstones – Linda Kesselman

Jan. 12 – 1-3 p.m. | \$20 | 24 max capacity

Learn about diamonds, the king of gemstones. The discussion will include diamond mining, their use in science and industry, major cutting centers and what makes a quality stone. Birthstones and their care and other little-known facts about gemstones such as phenomena will be shared.

Pasta from Scratch – Gene Fioretti

Jan. 18 – 1-2:30 p.m. | \$20 | 15 max capacity *at private home*

Learn how to make pasta at home. You will learn everything from the selection of ingredients to the rolling and drying process, to the special cooking methods the instructor uses. You will receive the recipe and equipment lists and have ample time to discuss the many aspects of pasta making.

Great Decisions 2022 – Participants are Moderators

Start Dates – Jan. 24 – 25 – 28 | \$20 + cost of book | 20 max capacity

Great Decisions is an eight-week curriculum created by the Foreign Policy Association. The mission is to serve as a catalyst for developing awareness, understanding, and informed opinion on U.S. foreign policy and global issues. Five sections are offered; see website for section details.

Electric Cars are the Future – Dru Bacon

Feb. 3 – 1-3 p.m. | \$20 | 24 max capacity

Electric cars are becoming a more attractive option as the price of batteries is decreasing. A consequence of this new technology is lowered demand for oil which will disrupt the world and U.S. economies. Learn about the advantages and dangers of electric and self driving cars as well as the issues of battery storage of energy.

Social Security Planning – Jack Burns

Feb. 10 – 1-3 p.m. | FREE | 20 max capacity

Is there a right time to apply for Social Security benefits? Learn about the recent changes in the law to consider when making this decision. If you are currently receiving social security benefits, there will be new information for you, too.

Homemade Neapolitan Pizza – Gene Fioretti

Feb. 15 – 1-2:30 p.m. | \$20 | 15 max capacity *at private home*

Learn how to prepare genuine Neapolitan pizza the way the Italians traditionally do it. You will watch the instructor prepare the dough, form the pizzas for baking and then bake them in his special pizza oven. He will also explain how to use a conventional oven to ensure your own pizza success.

Reconstruction: Its Lingering Impact – Mary Thomas

Feb. 17 – 1-3 p.m. | \$20 | 35 max capacity

The Reconstruction era (from 1865 to 1877) marked a significant chapter in the history of civil rights in the United States. The abolishment of slavery created new challenges for the country. Improvements were made and then challenged by people who were agitated by the changes. Learn more about this period of U.S. history.

Mutts on a Mission – Kathleen Molony

Feb. 22 – 1-3 p.m. | FREE | 35 max capacity

This volunteer registered therapy dog group in PebbleCreek fills a need in the West Valley. Learn what they do, where they go and who they help. Consider whether your canine would enjoy this activity.

Arizona Railroad History – Mark Pelletier

Feb. 24 – 1-3 p.m. | \$20 | 35 max capacity

Learn about the time period when railroads flourished in Arizona. Their effect on economic growth, tourism and migration loomed large in the state. Trains are still running in some parts of Arizona but what happened to all the other train lines?

2021-2022 Season Trips

Trip details coming soon!

www.lifelonglearningatpc.org

Explore Arizona with LifeLong Learning

Trips were cancelled for the 2020-2021 season due to the pandemic. As of the printing of this SCHEDULE, trips are being planned to begin in January 2022.

Fees include bus, admissions, gratuities and lunch. Prior trips include:

- Amazon Distribution Center
- Arcosanti
- Arizona Capitol Museum
- Arizona Culinary Institute
- Arizona Livestock Show
- ASU's Moon and Mars Research
- Boyce Thompson Arboretum
- Dwarf Car Museum
- Goodyear Airport
- Los Cedros
- Musical Instrument Museum
- Scottsdale Museum of the West
- Shamrock Farms Dairy
- Tucson Rodeo