OSHER
LIFELONG LEARNING INSTITUTE

For Curious Minds of All Ages with Special Attention to Those Ages 50 and Better.

Fall 2018
www.isher.colostate.edu

COLORADO STATE UNIVERSITY
ONLINE
Division of Continuing Education
MARK YOUR CALENDARS

Fall 2018 Open House
Curiosity Never Retires

Wednesday, September 5, 1-3 p.m.
2545 Research Blvd., Drake Hall
Fort Collins, CO

You won’t want to miss this annual event — Osher’s Fall Open House! Meet our instructors, connect with Osher members, and share comments and questions. This is your opportunity to register for classes, perks and special programs, enter the Value Added Draw, and enjoy refreshments & camaraderie with fellow Osher members. Please bring a friend, neighbor or relative who is interested in learning more about Osher at Colorado State University!

RSVP no later than August 31 for the Open House by enrolling in #OSHR 1095 100.

LEARN FOR THE FUN OF IT

The Osher Lifelong Learning Institute at Colorado State University is an active learning community for curious minds of all ages, with special attention to those ages 50 and better. Osher offers the excitement and joy of learning in a stress-free atmosphere. There are no tests, no grades, no prerequisites, and no attendance requirements.

Why belong to Osher?
Indulge your curiosity, keep your knowledge of our ever-changing world up to date, try new experiences, and join a community of other inquisitive minds. Osher provides continuous opportunities to learn, share knowledge, ask questions, and exchange ideas.

Who belongs to Osher?
Our members come from all kinds of backgrounds, professions, and places. We welcome anyone with a desire to learn and engage.

What do Osher members share?
We share the common bond of intellectual curiosity, the desire to meet new friends and make connections, and an interest in social events, field trips, and informative lectures.

Want to learn more?
Call (970) 491-7753 or visit our website at www.osher.colostate.edu.

Colorado State University is an equal opportunity/affirmative action institution and complies with all Federal and Colorado State laws, regulations, and executive orders regarding affirmative action requirements in all programs.
Become an Osher Member

Osher Membership and Program Fees
The Osher Lifelong Learning Institute is a member-based, member-driven program. As such, membership is required to participate in our many exciting courses, perks and special programs. Osher offers a simplified registration process with annual membership and course costs calibrated to the number of class sessions.

Osher Membership
• $35 annual membership fee.
• Eligibility to register for Osher courses, perks, and special programs.
• Free access to one perk lecture within the membership year.

Course, Perk, and Special Program Fees
• Course fees are based on a charge of $5/class hour; for example, a 6-week class meeting for two-hours/week = $60, and an 8-week class meeting for two-hours/week = $80.
• Registration for a single course includes access to the Value-Added Draw for the session of the enrolled course. Special Programs and Perk Series Lectures do not qualify as an Osher course.
• Registration for multiple courses is allowed.
• Registration for perks is available at a $5/perk charge.
• Special programs are charged according to their unique costs.

Please contact Osher at (970) 491-7753 if you have questions!

All courses, perks and special programs offer enrollments on a first-come, first-served basis, subject to space availability.

Guides for Course Schedules, the Value-Added Draw, and Driving Directions
To save printing costs and still provide useful information, please consult www.osher.colostate.edu or call (970) 491-7753 for calendar formatted course schedules, complete listing of all program offerings, guides for using the Value-Added Draw, and driving directions for all Osher courses and programs.

Drop and Refund Policy
Osher membership and program fees are nonrefundable. Extenuating circumstances to drop a course may be considered by an Appeals Committee on a case-by-case basis. If a course or perk is canceled by Osher, a refund will be processed. Credit card refunds require ten business days; check refunds may take up to eight weeks and will be mailed to the address on file.

Tuition Assistance
We are pleased to share that the Osher Scholarship fund is now the Oltjenbruns Tuition Assistance fund in honor of the commitment that Kevin and Ken Oltjenbruns have shown to Osher for many years. If financial hardship is preventing you from taking Osher courses, you’re encouraged to apply for tuition assistance. Visit www.osher.colostate.edu or call (970) 491-7753 if you have questions or need an application form.

Gift Certificates Available
Looking for the perfect gift for a friend or relative? Give the gift of learning! We have membership gift certificates available for any occasion. Call (970) 491-7753 for more information.

Severe Weather Policy
The Osher Lifelong Learning Institute follows the University’s severe weather policy in regard to canceling classes due to weather. It is important that we have your phone number so we can contact you in case of emergency.

Support Your Osher Lifelong Learning Institute
Your tax-deductible contributions will support and sustain the Osher program. Please consider making a generous donation when completing the Membership and Registration form, call (970) 491-7753, or make an online gift today at: www.advancing.colostate.edu/OSHER

University Holidays
The Osher office will be closed for the following University holidays:
  Monday, Sept. 3
  Thursday & Friday, Nov. 22 - 23
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OSHER MONDAY

The First World War
☆ #OSHR 1182 100

This course will examine the First World War’s effect on the major European
nations and will suggest answers to some of the key questions about it. Why
were the European nations unable to resolve the 1914 dispute peacefully
when they had negotiated settlements to previous conflicts without a war?
Was Germany primarily responsible for the war? Why did the war lead to the
Bolshevik seizure of power in Russia and the 1918 revolution in Germany? Why
do historians claim that the home front workers were almost as important to
the Allied victory as their soldiers? What effect did the war have on gender
relations in the various nations, including the British suffrage movement? Why
didn’t the postwar settlement lead to a lasting peace?

Instructor: Hal Smith taught history for 40 years at the University of Houston-
Victoria, the University of Montana, and the University of Missouri-Kansas City
and was made a Fellow of the Royal Historical Society of Great Britain for his
historical research. A social historian with a special interest in women’s history,
he is the author or co-author of six books (two of which won awards), and has
been teaching courses on Modern Europe since 1971.

Time: 1 - 3 p.m.
Dates: Mondays, Sept. 10, 17, 24, Oct. 1, 8, 15 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Course enrollment is on a first-come,
first-served basis and is subject to
availability. Register today!
The Calling World: To Say “Bridge, House, Fountain, Gate”
★ #OSHR 1313

Poet Rainer Maria Rilke’s “Ninth Elegy” probes and illuminates our being here on earth, including why we write—we, in a fleeting world, “the most fleeting of all.” In this course, we'll explore how to intensify our words to capture the essence of our subjects. Participants are encouraged to write poetry, creative non-fiction (including memoir), and fiction. Each week we'll write during class and consider effective pieces of writing—including work by CSU writing faculty members. Each week's writing prompts will help you explore your experience in both prose and poetry. New writers are welcome!

Instructor: Veronica Patterson’s poetry collections include How to Make a Terrarium (Cleveland State University, 1987); Swan, What Shores? (NYC Press Poetry Prize, 2000); Threshold & Hold (Gell Petry Prize, 2009); & it had rained (CW Books, 2013); and two chapbooks. Her collection, Sudden White Fan, was published in spring 2018. She is a writer, freelance editor, and teacher.

Section 100
Time: 1-3 p.m.
Dates: Mondays, Sept. 10, 17, 24, Oct. 1, 8, 15, 22 (7 weeks)
Class Size: 15 participants
Cost: $70
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Section 101
Time: 3:30 - 5:30 p.m.
Dates: Mondays, Sept. 10, 17, 24, Oct. 1, 8, 15, 22 (7 weeks)
Class Size: 15 participants
Cost: $70
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Columbia University. He has made many trips to Britain and lived there for a time.

Readings: Any 19th century novels, biographies, or memoirs.
Time: 10 a.m. - Noon
Dates: Mondays, Oct. 29, Nov. 5, 12, (no class Nov. 19), 26, Dec. 3, 10 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

What the Book Jacket Doesn’t Tell You
★ #OSHR 1210 100

Enjoy the opportunity to hear four accomplished authors, a photographer, and a genealogist reveal the often unexpected and always entertaining stories behind their work.

Monday, October 29 – Tracy Beach penned The Tunnels Under Our Feet about Colorado’s hidden and forgotten tunnels in Pueblo, Victor, Old Colorado City, Durango, Colorado Springs, Cripple Creek, and Fort Collins, among others. She is also investigating the location of hidden tunnels under the CSU campus!

Monday, November 5 – Barbara Thiem is an internationally acclaimed cellist and teaches at CSU. She has translated fascinating family letters from Ernst Mendelssohn-Barthody, the nephew of famed composer Felix Mendelssohn recounting his train journey across the United States: From New York to San Francisco – Travel Sketches from the Year 1869. His letters are insightful and humorous, offering a rare view of an America we’ve never seen.

Monday, November 12 – Learn how Kenneth L. Goldsberry (Ph.D., Emeritus Professor in CSU’s Department of Horticulture, retired USAF lieutenant colonel, and genealogy expert with 46 years’ experience) followed a mere scrap of paper to reveal his family history. Ken, who has written many articles on genealogy, will share the latest techniques on researching ancestors and discovering those important family history stories.

Monday, November 26 – After finding letters and a scrapbook, retired Fort Collins history teacher Ken Elder Bledsoe was inspired to research his father’s World War II story. The result is the book Echoes from an Eagle. Bledsoe traveled to Horn Island off the coast of Australia to track down his father’s crash site. He is dedicating the book to his father and all WWII fliers.

The Victorian Era
★ #OSHR 1127 100

This course will cover the British Empire as it reached the height of its power and glory during the reign of Queen Victoria, 1837-1901. The background of the political and economic revolutions leading up to this apogee will be discussed as well.

Instructor: Henry Weisser was a professor of history at Colorado State University for 39 years and is now a professor emeritus. He earned a Ph.D. from
What the Book Jacket Doesn't Tell You #OSHR 1210 100
(continued from previous page)

Monday, December 3 – CSU Professor Dan Beachy-Quick (poet, essayist, and novelist) has won numerous national awards for his work. His diverse titles include: Of Silence and Song, Gentleness, Shields and Shards, Stitches and Songs, A Whaler’s Dictionary, Circles Apprentice and Wonderful Investigations: Essays, Meditations and Tales.

Monday, December 10 – Local photographer Vic Schendel is internationally acclaimed for his photos from Colorado, Arizona, Montana, Portugal, Italy, and Spain. Vic is considered by his fans to have produced some of the best nature and landscape photography in the world. Many residents will recognize him from his photography column published in the Coloradoan for several years. His work is also on display locally at the Eye Center of Northern Colorado.

Facilitator: Nancy Hansford is a longtime freelance writer and an author of two titles: Fort Collins Highlights and Northern Colorado Ghost Stories. Nancy spent four years writing about local authors as a columnist for the Coloradoan.

Time: 10 a.m. - Noon
Dates: Mondays, Oct. 29, Nov. 5, 12, (no class Nov 19), 26, Dec. 3, 10 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

See You in the Funny Papers: A History of Comic Strips, Comic Books, and Cartoons #OSHR 1317 100

Comic strips, historically referred to as “the funny pages,” have always been an important part of 20th century American journalism, providing entertainment and commentary on contemporary events. This course traces the development and contributions of newspaper comic strips and their transformation into serialized comic books, films, and radio and television shows. Included are examinations of the artistic styles of important artists, the Congressional hearings of the 1950s, and the appearance of alternative and underground comics.

Instructor: Tim Thomas is a local educator, luthier, and retired high school English teacher. He began reading daily newspapers at age 12 as a paper boy, and continues to be entertained and fascinated by the comics.

Time: 1 - 3 p.m.
Dates: Mondays, Oct. 29, Nov 5, 12, (no class Nov 19), 26, Dec 3, 10 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Religions of the West: Understanding Judaism, Christianity, Islam #OSHR 1031 100

European culture traces its three main religions – Judaism, Christianity, and Islam – to the same single founder in the Middle East. We will compare these religions through the lens of history and philosophy to examine what life was like when they were born and look at how they developed over time. We will also discuss their common and different beliefs and practices. Join us as we explore the dynamic and diverse panorama of Western religions.

Instructor: Sally Purath earned a B.A. in Social Sciences and a M.Ed. at Colorado State University. She taught humanities, history, and language arts for 26 years in the Poudre School district, specializing in the humanities of India, China, Japan, Africa, the Middle East, and Latin America. She also taught Russian, American, and world history as well as philosophy in the International Baccalaureate program. She has led National Endowment for the Humanities institutes and other teacher workshops.

Readings:

Time: 1 - 3 p.m.
Dates: Mondays, Oct. 29, Nov 5, 12, (no class Nov 19), 26, Dec 3, 10 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
A Very Un-Civil War: The American Civil War, Reconstruction, and How They are Remembered

This discussion-based course will focus on a new topic each week, incorporating primary sources as the centerpiece. Topics will include: the antebellum slave system, the “even crazier than today” politics of the 1850s, the battlefield, the North and South home fronts, Reconstruction and its effects, and “How We Remember: Then and Now.” In addition to written and printed primary sources, each class will include a presentation of original artifacts from the instructor’s personal collection.

Instructor: Kurt Knierim has been involved in education for more than a quarter century with an emphasis in Civil War history during most of that time. He has volunteered with multiple national and state historic parks as an interpreter of the Civil War. His interest in this period stems from family trips to historic sites while growing up.


Time: 4 - 6 p.m.

Dates: Mondays, Oct. 29, Nov. 5, 12, (no class Nov. 19), 26, Dec. 3, 10 (6 weeks)

Class Size: 35 participants

Cost: $60

Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Stories from the Hebrew Bible: What We Can Learn From Our Umpty-Great Grandparents – Part 2

Whether or not the characters in the biblical stories were historically real, they are humanly very real. This course will look at some of the stories in the Hebrew Bible to see how the acts and lives of these characters can inform our own lives in both religious and human terms. Note: Part 1 in the Early Fall session will focus on the Books of Genesis and Exodus. Part 2 in the Late Fall session will focus on the Books of the Prophets and the Writings.

Instructor: Rabbi Hillel Katzir lived in Israel in his 20’s and early 30’s, and has written a book on Jewish history: The Evolving Covenant, Jewish History and Why It Matters. He is a member of the Fort Collins Human Relations Commission and is the host of “Faith in Progress” on KRFC-FM.

Readings: Any Bible

Time: 4 - 6 p.m.

Dates: Mondays, Oct. 29, Nov. 5, 12, (no class Nov. 19), 26, Dec. 3, 10 (6 weeks)

Class Size: 35 participants

Cost: $60

Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Course enrollment is on a first-come, first-served basis and is subject to availability. Register today!
Women in Art History

This discussion-based course will examine women’s roles in the visual arts and how art historians have considered women’s contributions to the art world. This course is not an exhaustive overview of global women’s art, but rather a study of feminist art history’s formation beginning in the 1970s and the challenge it has presented to patriarchal norms in the art world. We will also focus on individual case studies of women artists from different regions and time periods.

Instructor: Annie Krieg earned her M.A. and Ph.D. in art history at the University of Pittsburgh, specializing in modern German and Central European architecture. She enjoys sharing her love of visual culture and socio-political history as an instructor in CSU’s Department of Art and Art History, and Osher.

Time: 10 a.m. - Noon
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Antarctica

In this course, students will examine photographs and maps from Antarctica and the surrounding ocean, and first-hand stories from 17 expeditions to the continent. Topics include: (1) geography, glaciers, mountain ranges, the Southern Ocean, climate and climate change; (2) territorial claims, cold war politics, and the Antarctic Treaty; (3) U.S. bases and expedition logistics; (4) explorations led by early explorers including Roald Amundsen, Robert F. Scott, Ernest Shackleton, and Richard E. Byrd; (5) geology, paleontology, and plate tectonics; (6) wildlife; and (7) tourism with an overview of cruises and a virtual tour of the Antarctic Peninsula by cruise ship.

Instructor: Jim Collinson graduated from Augustana College in 1960 and earned a Ph.D. in geology from Stanford University in 1966. He taught geology at Ohio State University from 1966 until 1995, when he retired, but continued working in the Byrd Polar Research Center until 1999. His areas of research include the study of sedimentary rocks, paleontology, and Antarctic geology. He conducted field research in many parts of Antarctica between 1969 and 1999, working closely with vertebrate paleontologists. Following his retirement, he has served as a lecturer on cruise ships to Antarctica for eight seasons.

Time: 10 a.m. - Noon
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Journey Through a Book: All the Light We Cannot See

Join us for a journey through the novel *All the Light We Cannot See* by Anthony Doerr. This award-winning book is set in occupied France during WWII and focuses on a blind French girl and a German boy whose paths eventually cross. We’ll look deeply into the story and the author’s writing techniques, including voice, characterization, and plot. This is an excellent course for ardent readers and writers who want to improve their skills. You’ll never read a book the same way again after this class! Just remember: Books get heavier when you quantify their interiors.

Instructor: Sara Hoffman has been a writer for most of her life. She’s taught journalism and writing for 30 years at various institutions, including Colorado State University. She published her first novel, *Finding Baby Ruth*, in December of 2016.

Reading: Doerr, Anthony, *All the Light We Cannot See*, Scribner. ISBN: 978-1-4767-4658-6
Time: 10 a.m. - Noon
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (6 weeks)
Class Size: 25 participants
Cost: $60
Location: Affinity Senior Apartments, 4201 Corbett Dr., Fort Collins, CO, 80525
The Wedge of Freedom
★ #OSHR 1308 100

How might contemplative components be integrated into writing poetry? In what ways can writing become a practice? How can poetry benefit from what poet Marilyn Nelson calls “communal pondering”? In this class, we will experiment with meditation, journaling, stream-of-consciousness writing, and other generative techniques in an effort to cultivate a deeper writing experience. Through readings, guided exercises, and reflective writing, we’ll endeavor to hold space for reaching new creative depths. Come with an open mind and ink in your pen. New writers are welcome. (Note: For those who already took “The Practice of Pondering,” the poems and exercises will be updated.)

Instructor: Chloé Leisure holds an M.A. from Northern Arizona University and an M.F.A. in poetry from Colorado State University. A former CSU English Instructor, she currently teaches community and elementary enrichment creative writing classes. Leisure was the 2014 Fort Collins Poet Laureate and is the author of The End of the World Again.

Time: 1 - 3 p.m.
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (7 weeks)
Class Size: 15 participants
Cost: $70
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Little House on the Prairie: Where was it? Who wrote it? Exploring Fact and Fiction
★ #OSHR 1325 100

Many people fell in love with the television show Little House on the Prairie, which was based on a series of books by Laura Ingalls Wilder. In the books, the Ingalls family moved around more than they did in the TV show. The real Ingalls family moved around even more. In this class, we will peel back the layers from the TV show to the books to the real Ingalls family. This study provides us with a fascinating look at pioneer life in the nineteenth century and also explores the intriguing story of the authorship of the classic series.

Instructor: Jane Palmer, a Laura Ingalls Wilder enthusiast and researcher who has traveled to the Ingalls and Wilder home sites, was a children’s librarian at Pueblo City County Library District and an instructor of children’s literature at Pueblo Community College prior to her retirement. She earned master’s degrees in library science and community counseling.

Retired academic librarian, Gayle Abrahamson, is a native of Kingsbury County, South Dakota, whose county seat, De Smet, is the setting of several “Little House” books by Laura Ingalls Wilder. He didn’t realize their significance beyond local history until he married a children’s librarian.

Time: 1 - 3 p.m.
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Biological Illiteracy: The Case for Upgrading Our Language
★ #OSHR 1821 100

Turkey vultures and prairie dogs long ago became icons of biological illiteracy. The birds are neither turkeys nor vultures, and the small mammals are not dogs and do not live on the prairie. We suffer these errors because familiarity is a seductress and tradition is a tyrant. This class proposes that “American” as a discrete polyglot language desperately needs an upgrade. In order to do this, we must first release Latin names to the past and then we must standardize American wildlife names according to a knowledge-based grammar, a protocol never before used. Accomplishments with wildlife nomenclature can then serve as a model for the rest of the American language.

Instructor: As a writer-naturalist, Kevin J. Cook has spent 40 years pursuing both knowledge of the living world and of the language used to describe that world. He has a particular interest in word origins and a matching interest in the various grammars that guide how those words are used.


Time: 4 - 6 p.m.
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Beginning Chinese Language and Culture  
★ #OSHR 1240 100

Prepare for a surprising adventure; it can actually be easy to learn Chinese! Whether you’re planning a visit to the magical land of China or would just like to know more about the language and culture of this amazing civilization, this class is sure to intrigue you and make you smile. The Mandarin Chinese language can often appear formidable. However, in this course, you will learn Chinese in a fun, simple way and be surprised how much you come away with after just six weeks. Be careful! You may find yourself with a new interest that will totally captivate you.

Instructor: Nancy Robinson is fluent in Mandarin Chinese. She learned Chinese as a young adult and is acquainted with the best methods for teaching Chinese to Americans. Nancy has a master’s degree in Chinese language and literature from CU-Boulder, currently teaches at CSU, and has taught Chinese language and culture for many years.

Time: 4 - 6 p.m.
Dates: Tuesdays, Sept. 11, 18, 25, Oct. 2, 9, 16 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

World Geography, Country-by-Country  
● #OSHR 1862 100

In this course, students will learn about the geographic locations of earth’s many countries. During the introduction, various commonly used map projections will be discussed. The series of six lectures are organized by continent, starting with North America and moving to Central America and then South America. European countries are divided geographically according to their proximity to oceans and seas. Africa is split into its west and east coasts and the Mediterranean. The Middle East and Asia will be covered, as well as Greenland and Antarctica. The main purpose of this series is to instill curiosity about the world and hopefully encourage travel to foreign countries.

Instructor: Kenneth Jessen is a well-published author with 20 books to his credit. He is best known for his series on Colorado ghost towns. Jessen also writes two articles a week for the Loveland Reporter-Herald. He has appeared on CBS Sunday Morning with Charles Osgood and has made seven appearances on Denver Channel 4. Jessen also lectures throughout Northern Colorado and is in his third year with Colorado State University’s Osher program. His interest in world geography stems from having spent two and a half years touring the world, including four circumnavigations of the globe.

Time: 10 a.m. - Noon
Dates: Tuesdays, Oct. 30, Nov. 6, 13, (no class Nov. 20), 27, Dec. 4, 11 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Modern and Contemporary Architecture  
● #OSHR 1401 100

Frank Lloyd Wright’s Fallingwater (Bear Run, PA), Mies van der Rohe’s Seagram Building (New York City), and Le Corbusier’s Villa Savoye (Poissy-sur-Seine, France) are all icons of modern architecture. What gave rise to their designs? What inspired these architects? What do these buildings tell us about the times in which they were created? This course will examine modern architecture by focusing on a few of its key figures and phases. We will also discuss some of the most exciting buildings and planned designs in contemporary architecture.

Instructor: Annie Krieg earned her M.A. and Ph.D. in art history at the University of Pittsburgh, specializing in modern German and Central European architecture. She enjoys sharing her love of visual culture and socio-political history as an instructor in CSU’s Department of Art and Art History, and Osher.

Time: 10 a.m. - Noon
Dates: Tuesdays, Oct. 30, Nov. 6, 13, (no class Nov. 20), 27, Dec. 4, 11 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Journey Through a Book: Finding Baby Ruth

Sign up for a journey through the instructor’s book, *Finding Baby Ruth*, an award-winning historical fiction novel based on the true story of the author’s grandmother, who had an illegitimate child in 1922 in Kansas. Visit findingbabyruth.com for more information. In class, we’ll dissect the book for better and for worse. Discussion will focus on topics such as how the book’s title and cover were chosen, how the plot and characters were developed, and how the novel compares to the true story. This is a good class for anyone interested in the book writing process.

**Instructor:** Sara Hoffman has been a writer for most of her life. She’s taught journalism and writing for 30 years at various institutions, including Colorado State University. She published her first novel, *Finding Baby Ruth*, in December of 2016.


**Time:** 10 a.m. - Noon.

**Dates:** Tuesdays, Oct. 30, Nov. 6, 13, (no class Nov. 20), 27, Dec. 4, 11 (6 weeks)

**Class Size:** 25 participants

**Cost:** $60

**Location:** Affinity Senior Apartments, 4201 Corbett Dr., Fort Collins, CO, 80525

Shaping U.S. Foreign Policy: Putting the Pieces Together (Great Decisions)

Are you fascinated by foreign societies, but unable to travel abroad? This course offers the learning experience of travel without a passport. Learn about distant and intriguing countries through the examination of international affairs and global issues. Offered in partnership with the League of Women Voters of Larimer County, this class – part of the Great Decisions program – features group interactions to enhance understanding of foreign policy issues and their global impact. Discussions focus on readings and materials published by the Foreign Policy Association. Topics include:

- Turkey: Partner in Crisis
- U.S. Global Engagement and the Military
- South Africa’s Fragile Democracy
- Global Health Issues

**Instructors:** Kay Easley, M.S., Chair, Barbara Carson, and members of the International Relations Team of the League of Women Voters, Larimer County.

**Readings:** *Great Decisions 2018 Briefing Book*, Foreign Policy Association. This book can be purchased during the first class from the League of Women Voters at a cost of $30.

**Time:** 1 - 3:30 p.m.

**Dates:** Tuesdays, Oct. 30, Nov. 6, 13, (no class Nov. 20), 27 (4 weeks)

**Class Size:** 18 participants

**Cost:** $50

**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

The Gift of Your Story

Within each of us, especially those who have entered the second half of life, is a hidden wealth of wisdom and insight. This can become a legacy every bit as valuable as personal property. What do you know? What gives your life meaning? Discover, learn how to share, and preserve this important material.

As we explore what constitutes our understanding of spirituality and share personal reflections, we will learn what we hold sacred and how to gift our understandings in meaningful ways. Persons embracing any spiritual path or none will find this class worthwhile.

**Instructor:** Laurie Gudim is a retired psychotherapist whose practice spanned more than 30 years. With an M.A. in professional psychology, extensive experience in lay leadership in the Episcopal Church, and training and experience in writing and in eliciting spiritual autobiographies, Gudim has a deep reverence for the wisdom of individuals and that which is profoundly meaningful to them.

**Readings:** Keen, Sam and Anne Valley-Fox, *Your Mythic Journey*, Jeremy P Tarcher/Putnam. ISBN: 0-87477-543-4

**Time:** 4 - 6 p.m.

**Dates:** Tuesdays, Oct. 30, Nov. 6, 13, (no class Nov. 20), 27, Dec. 4, 11 (6 weeks)

**Class Size:** 35 participants

**Cost:** $60

**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO
Colorado’s Wildlife Diversity

All three bluebird species live in Colorado year round and all three nest here. They grace no other state in such a manner. Colorado enjoys many such claims to fame, and they can ignite the motivation to explore our home state to find, to experience, and to engage our wonderful wildlife communities. Totaling all the better-known wildlife puts Colorado’s diversity at about 51,000 species. Adding lesser-known species such as crustaceans, roundworms, and algae would push that total toward 100,000. This class will explore Colorado’s wildlife diversity by focusing on findable and identifiable species and then comparing the totals with other states.

Instructor: As a writer-naturalist, Kevin J. Cook has spent 40 years pursuing both knowledge of the living world and of the language used to describe that world. He has a particular interest in word origins and a matching interest in the various grammars that guide how those words are used.

Time: 4 - 6 p.m.
Dates: Tuesdays, Oct. 30, Nov. 6, 13, (no class Nov. 20), 27, Dec. 4, 11 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Acrylic Painting Techniques

This course will focus on a wide range of acrylic painting techniques that you can apply to any subject matter you choose. Topics will include painting materials, canvas stretching, brush and palette knife effects, color mixing, and glazing techniques. Acrylic paint is a very versatile medium. With instruction, it can offer many of the rich properties of oil paint, allowing you to achieve your individual artistic goals.

Instructor: Joe Osmann, M.F.A., has taught art history and studio art for forty years and is an active acrylic painter. His approach emphasizes the creative process from idea development to finished works for art. Instruction is student-centered and interactive.

Recommended supplies: A small table easel

Time: 9 a.m. - Noon.
Dates: Wednesdays, Sept. 12, 19, 26, Oct. 3, 10, 17 (6 weeks)
Class Size: 15 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Drawing FUNdamentals

“A drawing is simply a line going for a walk.” —Paul Klee (1879 - 1940) German-Swiss artist

This beginner-level course will have you excited about drawing. Participants will learn various techniques in Conte crayons, graphite pencils, and pen and ink, while exploring drawing fundamentals. Learn how to draw what you see. Delve into the basics of using line, value, shape, and shading to create realistic drawings. Composition and proportion will also be discussed and used in drawings. Participants will learn how to use a grid to enlarge and transfer images to larger paper. Examples of drawings through the ages will also be presented.

Instructor: Carol Marander is an artist living and working in Fort Collins. She graduated with Honors from Colorado State University, where she majored in
Drawing FUNdamentals #OSHR 1795 100
(continued from previous page)

sculpture and painting. She worked as a graphic designer for many years at Colorado State University while pursuing her fine art. Carol’s paintings have been in numerous juried exhibitions locally and nationally. She is a signature member of the Pastel Society of America and the Colorado Watercolor Society. Carol is excited about sharing her love of drawing with her students.

Time: 12:30 - 3:30 p.m.
Dates: Wednesdays, Sept. 12, 19, 26, Oct. 3, 10, 17 (6 weeks)
Class Size: 18 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

What Our Dreams Teach
★ #OSHR 1045 100

As we explore the dream theories of Carl Jung and his followers, we will mine our nighttime dream images for the self-understanding and guidance they offer. When is a dream prophetic? What do recurring dreams and nightmares have to teach us? How might we understand the cosmos and our place in it by analyzing our dreams?

Instructor: Holding an M.A. in professional psychology, Laurie Gudim is a retired psychotherapist whose practice spanned more than 30 years. Gudim’s own analysis and extensive experience both in leading dream groups and in processing dreams with her clients have taught her a profound respect for these invaluable messages from the soul.


Time: 1 - 3 p.m.
Dates: Wednesdays, Sept. 12, 19, 26, Oct. 3, 10, 17 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Stories from the Hebrew Bible: What We Can Learn From our Umpty-Great Grandparents – Part 1
★ #OSHR 1012 100

Whether or not the characters in the biblical stories were historically real, they are humanly very real. This course will look at some of the stories in the Hebrew Bible to see how the acts and lives of these characters can inform our own lives, in both religious and human terms. Note: Part 1 in the Early Fall term will focus on the Books of Genesis and Exodus. Part 2 in the Late Fall session will focus on the Books of the Prophets and the Writings.

Instructor: Rabbi Hillel Katzir lived in Israel in his 20’s and early 30’s, and has written a book on Jewish history: The Evolving Covenant, Jewish History and Why It Matters. He is a member of the Fort Collins Human Relations Commission and is the host of “Faith In Progress” on KRFC-FM.

Time: 10 a.m. - Noon
Dates: Wednesdays, Sept. 26, Oct. 3, 10, 17, 24 (5 weeks)
Class Size: 35 participants
Cost: $50
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Course enrollment is on a first-come, first-served basis and is subject to availability. Register today!
How to Write and Sell Magazine Articles

Have you ever dreamed of writing for magazines? Over the course of this six-week class, you will learn where to find ideas, how to refine them, how to write an effective query letter, how to find the right magazine for your idea, the basics of writing the article, and how to remain successful over time. Throughout the course, you will have the opportunity to share your writing and receive feedback. By the time the class is complete, you will have the necessary tools to begin writing and be on your way to seeing your name in print.


Time: 10 a.m. - Noon
Dates: Wednesdays, Oct. 31, Nov. 7, 14, (no class Nov. 21), 28, Dec. 5, 12 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Discerning Truth in a Time of Strong Opinions

Do you ever wonder how people can believe wholeheartedly in ideas that seem stupid and make no sense? Many believe “critical thinking” means being critical of others’ thinking, but this class teaches how real critical thinking works: how and why humans, especially yourself, believe something is true. We will also examine how those in the fields of math, natural science, social science, history, art, ethics, and religion judge what is true. This is not a class on current issues or debates about them, nor is it a class to tell you what you should think. Instead, this course seeks to make you aware of how human knowledge works and help you know yourself better – an invitation to think about thinking. This course is similar to the Theory of Knowledge class in the International Baccalaureate program.

Instructor: Sally Purath earned a B.A. in social sciences and a M.Ed. at CSU. She taught history, world humanities, and language arts for 26 years in the Poudre School district, including the international Baccalaureate Program: Theory of Knowledge for nine years, and has led National Endowment for the Humanities institutes and other teacher workshops.

Time: 1 - 3 p.m.
Dates: Wednesdays, Oct. 31, Nov. 7, 14, (no class Nov 21), 28, Dec. 5, 12 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

The Supreme Court: Our Default Congress

The 2017/2018 Supreme Court term portends to be a blockbuster! Some cases will involve important constitutional issues such as states’ rights, civil rights, and personal liberties. Many others, however, involve important interpretations of federal statutes that Congress has failed either to revise or to replace with new statutes more relevant to the times. What has been the consequence of Congress’s unprecedented inertia and/or intentional experiment in non-governance? An inexperienced Executive Branch (utilizing impermanent executive orders) and a much divided Supreme Court are making vital decisions concerning American political, economic, and social life. Congress has thus allowed the Supreme Court to legislate by default, and it has also allowed the Supreme Court to become the primary arbiter of the scope of executive power.

Using cases from the Supreme Court’s 2017/2018 term and the upcoming 2018/2019 term, we will explore the implications of the above trends. We will also examine the impact of changing dynamics in voting patterns (and alliances) of the individual Justices.

Instructor: Eric Waples has taught courses on the Supreme Court for 40 years. While serving as chair of the history department at the Potomac School in McLean, VA., he met with various Supreme Court Justices and sat in numerous cases.

Time: 1 - 3 p.m.
Dates: Wednesdays, Oct. 24, 31, Nov. 7, 14, (no class Nov.21), 28, Dec. 5, 12, 19 (8 weeks)
Class Size: 35 participants
Cost: $80
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Come enjoy film and post-film discussions in the comfortable ambiance of the new Lyric Cinema Café. We will watch movies with unique story lines and observe filmmaking techniques that often vary from the standard studio fare. After each cinematic adventure, we’ll gather together with fellow Osher participants for discussions of these thought-provoking films.

Please Note: Movies may be subtitled and carry various ratings. This is not a history of film course.

Instructor: Joannah L. Merriman, M.A., is a community educator, writer, and psychotherapist. A life-time enthusiast, she enjoys lively discussions with like-minded movie-goers and always makes sure she has the most recent edition of Video Hound’s Golden Movie Retriever, her favorite film reference book, in her own home theater. She always looks forward to welcoming long-time participants, as well as new registrants.

Time: 12 - 3 p.m.
Dates: Wednesdays, Nov. 7, 14, (no class Nov. 21), 28, Dec. 5, 12, 19 (6 weeks)
Class Size: 30 participants
Cost: $110
Location: Lyric Cinema Café, 1209 N. College Ave. Fort Collins, CO
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Select Perk Lectures ($5 per Perk)  
Members receive one free perk lecture per year with membership.

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Select Value-Added Draw Courses  
Entries must be received by September 6, 2018.

Select Special Programs  
Entries must be received by September 6, 2018.

Program Registration  
Please note that all Osher programs are available on a first-come, first-served basis subject to space availability.

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Rank Order Preference of Courses by Number and Title  
(office use only)
Making Watercolor Dramatic

For those who want to learn some of the fundamental elements needed to produce a dramatic painting, this is the class for you! Join us as we explore the use of negative shapes in painting with watercolor. Find out how to execute both lost and found edges – knowing how to soften and blend your edgework effectively is a critical step in producing expressive paintings. Getting a grip on good brushwork is a learned skill that can be taught. In order for edges of shapes to be varied (lost, softened, blended, or hard-edged), you need to find a comfort zone with your brushwork. This class will get you painting with confidence!

If you'd like to sign up for both early and late sessions, rest assured there will be new class lessons each week from September thru December. Classes fill up fast, so don’t hesitate to register soon!

Instructor: Randy Hale attended Art Center College of Design in Pasadena, CA where he developed a solid understanding of design and composition. A successful commercial career followed in product design, project management, and sales. Pitching creative concepts provided a strong foundation in working successfully with people. Randy is currently involved with art groups throughout the country. He has served as president of the Colorado Watercolor Society and works on boards organizing national exhibitions. Not only does Randy do painting demonstrations, he is also an active workshop instructor and juror of art shows.

Section 100
Time: 9 a.m. - Noon
Dates: Thursdays, Sept. 6, 13, 20, (skip Sept. 27), Oct. 4, 11, 18 (6 weeks)
Class Size: 18 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Section 101
Time: 9 a.m. - Noon
Dates: Thursdays, Oct. 25, Nov 1, 8, 15, (no class Nov. 22), 29, Dec. 6 (6 weeks)
Class Size: 18 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Journey Through a Book: The Circle
★ #OSHR 1333 100
Is privacy selfish? Are you cheating the greater good by not sharing more? Join us in discussing those questions and others raised by Dave Eggers' book The Circle. Eggers' novel explores what happens when a corporation goes overboard with its social media expectations. Very timely indeed. We'll discuss the book's plot, scenes, characters, dialogue, and more. Be prepared to share!
Instructor: Sara Hoffman has been a writer for most of her life. She's taught journalism and writing for 30 years at various institutions, including Colorado State University. She published her first novel, Finding Baby Ruth, in December of 2016.
Time: 10 a.m. - Noon
Dates: Thursdays, Sept. 13, 20, 27, Oct. 4, 11, 18 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Taking Our Painting to the Next Level
★ #OSHR 1794
Building upon basic fundamentals of painting, this class will take the watercolorist to new heights. Structured lessons with specific topics each week help the painter accumulate a more advanced vocabulary of skill sets, from brush handling to better compositions. Critiques each week are done in a positive way to encourage success, as well as help overcome roadblocks or obstacles that everyone faces sooner or later. By combining lessons that hone technique, along with self-evaluation of our work, everyone grows, producing increasingly sophisticated work. Topics may be the same as in the beginner-level class, but this advanced class will present more specific challenges to painters. Work is in watercolor. Some prior experience in watercolor is recommended.

If you'd like to sign up for both early and late sessions, rest assured there will be new class lessons each week from September thru December. Classes fill up fast, so don't hesitate to register soon!
Instructor: Randy Hale attended Art Center College of Design in Pasadena, CA where he developed a solid understanding of design and composition. A successful commercial career followed in product design, project management, and sales. Pitching creative concepts provided a strong foundation in working successfully with people. Randy is currently involved with art groups throughout the country. He has served as president of the Colorado Watercolor Society and works on boards organizing national exhibitions. Not only does Randy do painting demonstrations, he is an active workshop instructor and juror of art shows.

Section 100
Time: 1 - 4 p.m.
Dates: Thursdays, Sept. 6, 13, 20, (no class Sept. 27), Oct. 4, 11, 18 (6 weeks)
Class Size: 18 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Section 101
Time: 1 - 4 p.m.
Dates: Thursdays, Oct. 25, Nov 1, 8, 15, (no class Nov. 22), 29, Dec. 6 (6 weeks)
Class Size: 18 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

What Does Art Do? An Introduction to Art Appreciation
★ #OSHR 1701 100
Students in this introductory art appreciation course will explore ways of thinking about and understanding the visual arts, in order that the works become more meaningful. Questions such as, “What is the purpose?”, or “Who created that?”, or “What on earth was he thinking?” will be answered as the visual art world becomes a little less mystifying and more user-friendly. Class topics will include 1) What Art Does, 2) Developing Visual Literacy, 3) The How, When, and Why of Art Media, 4) Global Themes in Art, 5) A Mini Art Chronology, and 6) Art in Public Spaces.
Instructor: Margaret Sharkoff madrid is a part-time history faculty member at Front Range Community College and a consultant for the College Board’s national AP art history program. She previously taught art history in the Washington, DC area and served on faculty panels at the Denver Art Museum, The Corcoran Gallery of Art, and the National Gallery of Art.
Time: 1 – 3 p.m.
Dates: Thursdays, Sept. 13, 20, 27, Oct. 4, 11, 18 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Journey Through a Book: Finding Baby Ruth

Sign up for a journey through the instructor’s book, *Finding Baby Ruth*, an award-winning historical fiction novel based on the true story of the author’s grandmother, who had an illegitimate child in 1922 in Kansas. Visit findingbabyruth.com for more information. In class, we’ll dissect the book for better and for worse. Discussion will focus on topics such as how the book’s title and cover were chosen, how the plot and characters were developed, and how the novel compares to the true story. This is a good class for anyone interested in the book writing process.

**Instructor:** Sara Hoffman has worked as a print journalist and taught journalism at CSU. She has master’s and bachelor’s degrees in journalism. *Finding Baby Ruth* has been a popular choice among book clubs in Fort Collins and Loveland.


**Time:** 10 a.m. - Noon.

**Dates:** Thursdays, Nov. 1, 8, 15, (no class Nov. 22), 29, Dec. 6, 13 (6 weeks)

**Class Size:** 25 participants

**Cost:** $60

**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

Geology of Colorado’s Energy, Mineral, and Water Resources

Colorado is rich in energy, mineral, and water resources that society has found to be useful and valuable. These resources include oil, natural gas, coal, coal bed methane, metal deposits, industrial minerals, construction materials, gemstones, surface water, ground water, and geothermal. The total production value of oil and gas in 2014 was $15.8 billion, and the mining industry added $7 billion. In this course, we will examine Colorado’s rich history of exploration and mining, the types of resources available, and their geographic distribution and geologic origin. This is a natural follow-up course to Geology and Geological History of Colorado, or a stand-alone course.

**Instructor:** Frank G. Ethridge, professor emeritus at CSU, worked as a geologist with the U.S. Army Corps of Engineers, the Texas Highway Commission, and Chevron Oil Co. He taught geology at Southern Illinois University and CSU for a total of 35 years. During this time, Frank also conducted geology courses and led field trips for geological societies and petroleum companies. He and his graduate students conducted research on sedimentary rocks. Frank has a long-term interest in the economic geology of Colorado and has taught lectures on the subject for both CSU and Osher.

**Time:** 1 - 3 p.m.

**Dates:** Thursdays, Nov. 1, 8, 15, (no class Nov. 22), 29, Dec. 6, 13 (6 weeks)

**Class Size:** 35 participants

**Cost:** $60

**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

International Current Events Roundtable

International current events present us with unending and transforming circumstances. Throughout this course, the format of each two-hour session is designed to be a participatory dialogue, discussion, and analysis of ongoing world events. There will be a moderator, but no single presenter or lecturer. If you are interested in learning and sharing ideas, concepts, and interpretations related to worldwide current events – and willing to participate actively over a six-week time period – this roundtable is for you!

**Moderator:** John E. Roberts is a 34-year veteran of the U.S. Department of State and the U.S. Peace Corps, and has taught a variety of Osher courses for the past nine years. As the roundtable moderator, he brings a rich set of life experiences and a keen interest in international affairs. He describes himself as “a student, a teacher, and an internationalist.”

**Reading:** Daily news items from newspapers, internet, and international news magazines, e.g., The Economist, Foreign Affairs, Christian Science Monitor, etc.

**Time:** 1:30 – 3:30 p.m.

**Dates:** Thursdays, Oct. 4, 11 (3-5 p.m. this day only), 18, 25, Nov. 1, (no class Nov. 8), Nov. 15 (6 weeks)

**Class Size:** 35 participants

**Cost:** $60

**Location:** Community Foundation of Northern Colorado, 4745 Wheaton Dr., Fort Collins, CO 80525
With Eyes on Tiptoes and Laces Pulled Tight: Writing Experimental and Formal Poetry
#OSHR 1371 100

Following procedural rules and formal constraints are effective ways to shake up our poetic tendencies and habits. Meter, repetition, and syllabics encourage language compression and precise word choice. Chance procedurals pave the way for unusual syntax and surprising images. Stream-of-consciousness writing taps into our true imagination. In this class, we will discuss line breaks and prosody, practice a few traditional poetic forms (e.g. sonnets and ghazels), and experiment with chance, cut-ups, and erasure. We will also read, write, and share poetry. New writers are welcome.

Instructor: Chloé Leisure holds an M.A. from Northern Arizona University and an M.F.A. in poetry from Colorado State University. A former CSU English instructor, she currently teaches community and elementary enrichment creative writing classes. Leisure was the 2014 Fort Collins Poet Laureate and is the author of The End of the World Again.

Time: 4 - 6 p.m.
Dates: Thursdays, Oct. 25, Nov. 1, 8, 15, (no class Nov. 22), 29, Dec. 6, 13 (7 weeks)
Class Size: 15 participants
Cost: $70
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

There Ought to be a Law or an Amendment... or a Mandate from Heaven
#OSHR 1115 100

In this course, three contrasting viewpoints (followed by a class discussion) will address the following topics: 1) First Amendment Rights: Religion, Speech, Public and Social Media, Peaceable Assembly, and Petition for Grievances; 2) Second Amendment Rights: Well-regulated Militia, Right to Keep and Bear Arms, and Possible Limits; 3) Fourth, Fifth, and Sixth Amendments, Corruption and Abuse of Power, Conflicts of Interest, and Transparency; 4) Election Reform: Gerrymandering, Timing, Financing, and Qualifications; 5) Basic Human Rights: Health, Education, Welfare, and Gender/Racial Equality, and 6) Environment: EPA, Climate Change, and International Agreements. This is a chance for everyone to have input into formulating specific new laws, changing existing ones, and letting Washington know what needs to be changed.

Instructors: Dan S. Ward is a former U.S. Navy Officer (submarines), a certified financial planner, and holds a doctorate in nuclear physics. He has taught science, engineering, astronomy, math, finance, geopolitics, mythology, ancient and medieval history, and current events at the University of Texas, CSU, Osher, and the American University in Paros, Greece.

Robert Lawrence has served in the U.S. Air Force, and worked at think tanks such as the Hudson Institute and Stanford Research Institute. He has taught political science at the University of Kansas, Texas Tech University, University of Arizona, CU, CSU, and Osher. Bob is an expert in nuclear issues, and a professor emeritus at CSU.

John Roberts has 34 years of experience with the U.S. Peace Corps and the U.S. Department of State (working in 19 different countries and visiting 140+ more). He has an M.S. from Cornell University, and has taught international studies at CSU since 1999. John will serve as moderator and informed “kibitzer.”

Time: 10 a.m. - Noon
Dates: Fridays, Sept. 14, 21, 28, Oct. 5, 12, 19 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Theodore Roosevelt and the Making of Modern America
★ #OSHR 1105 100

Americans too often overlook the importance of President Theodore Roosevelt in the making of modern America. Theodore Roosevelt became President at a time when many of the institutions that we recognize today as part of our government were forming, and he molded them into what they are today. Neither the presidency nor the nation would ever be the same after him. This course will study both the man and the nation and how they worked together.

Instructor: David McKibbin is a retired professor of history from the University of Northern Iowa.


Time: 1 – 3 p.m.
Date: Fridays, Sept. 14, 21, 28, Oct. 5, 12, 19 (6 weeks)
Class Size: 35 participants
Cost: $60
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Mindfulness Practices for Everyday Life
★ #OSHR 1330 100

This course offers a variety of mindfulness practice tools for diverse audiences, and contributes to stress reduction and relaxation, focus and concentration, and overall well-being. Each session will be 75% group practice and 25% overview of a combination of tailored research applications, physical and mental benefits, and a description of the mindfulness practice tool and its historical and current use. New mindfulness practices will be introduced each week, with a review of the previous week’s practice. Participants will be invited to engage in “hands-on” practices as guided by the instructor. An example of a practice technique is focused breath meditation and mindful movement through Qigong. Q & A will follow each practice to share in a group format, within your comfort level, so that we can learn from each other’s experiences and inform next week’s session. Everyone is welcome and beginners are encouraged to attend.

Instructor: Margit Hentschel is the co-Founding Director for Colorado State University’s Center (CSU) for Mindfulness. Margit teaches yoga healing and meditation for adults and children, and believes that a healthy mind/body connection facilitates a more sustainable relationship with one’s self and community. She holds a Ph.D. from Colorado State University’s School of Education with a focus on Peace and Reconciliation Leadership.

Time: 9 a.m. - Noon
Date: Fridays, Nov. 2, 9, 16, (no class Nov. 23), 30, Dec. 7, 14 (6 weeks)
Class Size: 35 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

The Craft of Novel Writing: Basic
★ #OSHR 1332 100

Has procrastination kept you from writing that novel? Learn the craft of novel writing from award-winning author, Chuck Barrett. This course covers the writing process, character development, plot, conflict, setting, point-of-view, dialogue, and more. You will learn the building blocks of novel writing, have the opportunity to hone your skills, and find inspiration to write that novel you’ve always wanted to.

Instructor: Chuck Barrett is the award-winning author of the Jake Pendleton series—Breach of Power, The Toymaker, The Savannah Project, DISRUPTION, and his latest 2018 release, Last Chance, as well as his 2015 award-winning blockbuster, BLOWN, the first book in his new Gregg Kaplan series. Barrett is a graduate of Auburn University and a retired air traffic controller. He also holds a Commercial Pilot Certificate, Flight Instructor Certificate, and a Dive Master rating. He enjoys fly fishing, hiking, and most things outdoors.


Time: 9 a.m. - Noon
Date: Fridays, Nov. 2, 9, 16, (no class Nov. 23), 30, Dec. 7, 14 (6 weeks)
Class Size: 35 participants
Cost: $90
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Pump Up Your Novel!

Looking for a little help with a writing project? Here it is! In this course, you will submit up to three pages of your manuscript each week for critique and discussion on ways to pump up your writing. Class size is small to allow for personalized attention as we focus on writing elements of conflict, point of view, setting, character, word choice, and much more.

**Prerequisite:** Completed or nearly completed manuscript.

**Instructor:** Chuck Barrett is the award-winning author of the Jake Pendleton series—*Breach of Power*, *The Toymaker*, *The Savannah Project*, *DISRUPTION*, and his latest 2018 release, *Last Chance*, as well as his 2015 award-winning blockbuster, *BLOWN*, the first book in his new Gregg Kaplan series. Barrett is a graduate of Auburn University and a retired air traffic controller. He also holds a Commercial Pilot Certificate, Flight Instructor Certificate, and a Dive Master rating. He enjoys fly fishing, hiking, and most things outdoors.

**Time:** 1 - 4 p.m.

**Dates:** Friday, Nov. 2, 9, 16, (no class Nov. 23), 30, Dec. 7, 14 (6 weeks)

**Class Size:** 10 participants

**Cost:** $90

**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

How the Black Death Changed the World

The Black Death was a catastrophic plague that devastated Europe and killed more than 25 million people in less than five years. Even when the worst was over, the bubonic plague continued with smaller outbreaks until the 1600’s. With so many dead, medieval society never recovered. The plague caused enormous changes in religion, art, societal structure, politics, and economics systems, all of which changed western civilization forever.

This class will discuss the cause of bubonic plague and how it spread so quickly. We will follow the course of the epidemic from Italy, then through France, England, and Scandinavia. We will explore how the plague affected religious practices and persecution, changed political systems, and transformed the European economic system. We will also learn how art and literature reflected the horror and transformation that was occurring.

**Instructor:** Holly Manley has a B.S. in microbiology/medical technology and an M.S. in technical communication, both from CSU. She has worked in medical laboratories and taught microbiology and other healthcare related courses for the past ten years.

**Time:** 1 - 3 p.m.

**Dates:** Fridays, Nov. 2, 9, 16, (no class Nov. 23), 30, Dec. 7, 14 (6 weeks)

**Class Size:** 35 participants

**Cost:** $60

**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO
Fall 2018 Open House: Curiosity Never Retires
★★ #OSHR 1095 100

You won’t want to miss this annual event — Osher’s Fall Open House! Meet our instructors, connect with Osher members, and share comments and questions. This is your opportunity to register for classes, perks and special programs, enter the Value Added Draw, and enjoy refreshments and camaraderie with fellow Osher members. Please bring a friend, neighbor, or relative that is interested in learning more about Osher at Colorado State University!

**Time:** 1 - 3 p.m.
**Date:** Wednesday, September 5 - Please register by 5 p.m., August 31
**Class Size:** 250 participants
**Cost:** Free
**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

Drawing En Plein Air: Landscapes and Urban Scenes in the Fort Collins Area
★★ #OSHR 1727 106

This beginning drawing class will introduce participants to the advantages of drawing from direct observation, developing keen observation skills, and spatial understanding. The first class, held in the Osher classroom, will include demonstrations of composition, drawing techniques, and various drawing media. Classes two through five will be held at different locations in Fort Collins. Class six will be a final critique discussion, held at the Osher classroom. Participants will be working in black and white initially, and then have the option to try any dry colored media of their choice. Note: Participants will be responsible for their own transportation.

**Instructor:** Margaret Sharkoff madrid is a part-time history faculty member at Front Range Community College and a consultant for the College Board’s national AP art history program. She previously taught art history in the Washington, DC area and served on faculty panels at Denver Art Museum, The Corcoran Gallery of Art, and the national Gallery of Art.


Behind the Creative Eye: Local Artists in Their Habitat
★★ #OSHR 1746 106

Prominent local artists invite you to join them in their studios to personally share their artistic process and creations. Each week, participants will meet with an artist at his/her studio for two hours of history, demonstration, and discussion. The artists and their specialties include:

- Haley Hasler, Painting
- Michael Bashkin, Luthier
- Larry Prior, Kinetic Sculpture
- Kumiko & Craig McKee, Painting / Gallery
- Gloria Austin, Pottery
- TBD

**Time:** 1 - 3 p.m.
**Dates:** Fridays, Sept. 14, 21, 28, Oct. 5, 12, 19 (6 weeks)
**Class Size:** 15 participants; 12 minimum
**Cost:** $75
**Location:** Individual Artists’ Studios

Course enrollment is on a first-come, first-served basis and is subject to availability. Register today!
Serve It Up! International Utensils
★ #OSHR 1762 106

Join us at the Global Village Museum of Arts and Culture for its latest exhibit: “Serve It Up! International Utensils,” which showcases more than 1000 cooking, drinking, and eating utensils from around the world. From old-fashioned butter churns and food grinders to exotic drinking vessels and baking implements, this event will captivate both the expert chef and the everyday cook. This sizzling display includes international table settings and unique utensils, and a country home kitchen, along with global cookbooks for the cosmopolitan tongue. For those with culinary curiosity, identify mysterious utensils, collect international recipes, or “sniff and guess” spices.

Host: John Roberts has 34 years of experience with the U.S., Peace Corps and the U.S. Department of State (working in 19 different countries and visiting 140+ more). He has an M.S. from Cornell University, and has taught international studies at CSU since 1999.

Time: 4 - 6 p.m.
Dates: Wednesday, Sept. 19 (1 day)
Class Size: 50 participants
Cost: $20 (includes museum admission and refreshments)
Location: Global Village Museum of Arts and Cultures, 200 West Mountain Ave., Fort Collins, CO

Food for Life: Cancer Prevention and Survival
★ #OSHR 1351 100

Studies have shown that a diet built from plant foods offers the most cancer-fighting protection of any diet plan. Reviews by the American Institute for Cancer Research showed that as much as 40 percent of cancer risk may be related to diet. This class will offer a unique opportunity to acquire knowledge about the link between diet and cancer, experience the benefits of plant-based nutrition, and learn the practical cooking skills needed to help you on your journey to better health. In each class participants will enjoy a quick and easy cooking demonstration and taste delicious, healthful dishes. Class topics include:

- Introduction to How Foods Fight Cancer
- Fueling Up on Low-Fat, High-Fiber Foods
- Discovering Dairy and Meat Alternatives
- Cancer-Fighting Compounds, Immune Boosting Foods
- Maintaining a Healthy Weight

Instructor: Sapna Von Reich is a certified Physicians Committee for Responsible Medicine (PCRM) “Food for Life” instructor. She recently received a certification in plant-based nutrition from Cornell University. She is a well-known plant-based food educator in Northern Colorado. She believes the food we eat can have a positive influence against many modern diseases like diabetes and cancer.

Time: 10 a.m. - Noon
Dates: Mondays, Sept. 24, Oct. 1, 8, 15, 22 (5 weeks)
Class Size: 25 participants
Cost: $100
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Abstracts & Special Effects In-Camera
★ #OSHR 1755 100

today’s post-processing digital world, most photographers are spending hours per image in an attempt to get creative. Why spend hours in front of your computer when you can create abstracts and special effects in-camera in seconds. This course piggy-backs on the instructor’s award-winning book, Right Brain Photography: Be an Artist First.

Participants will learn several in-camera techniques to produce unique and creative images, even with the most basic of DSLR cameras. Images created by the instructor will be demonstrated and explained. The instructor will also demonstrate his techniques outdoors, then coach you as you create abstracts and special effects.

Instructor: Eli Vega, a self-taught photographer, is an award-winning and highly published photographer with over twenty years of experience. His work has been featured in magazines, travel guides, post cards, calendars, and other commercial publications.

Time: 9 a.m. - 4 p.m.
Dates: Saturday, Sept. 29 (1 day)
Class Size: 15 participants
Cost: $100
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Understanding the 2018 Off-Year Elections  
★ #OSHR 1017 100

This course will provide the necessary background and analytical tools to understand the 2018 U.S. House and Senate elections, as well as various state level elections. The 2018 elections will have an impact on the last two years of President Trump’s first term, as well as the 2020 presidential election. You will better understand the 2018 electoral process by understanding the important aspects of prior off-year elections and the actual 2018 outcomes which will be discussed in the final meeting. The policy implications of the 2018 off-year elections will also be fully considered.

Instructor: David A. Caputo received his B.A. in government from Miami University and a Ph.D. in political science from Yale University. He has held academic positions at Purdue University, Hunter College, and Pace University. He has authored numerous books and research articles dealing with urban politics, electoral politics, and American Government.

Time: 3:30 - 5:30 p.m.
Dates: Monday, Oct. 8; Wednesday, Oct. 31; Thursday, Nov. 8 (3 days)
Class Size: 35 participants
Cost: $30
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Domestic and International Economic Issues  
★ #OSHR 1192 100

Engage in the discussion of domestic and international economic issues (with neutral political thoughts added) that impact global economic development, markets around the world, job growth, trade and tariffs, and national security, including cybersecurity. Economic and political issues within the global economy will be addressed. Economic topics will begin with the U.S. economy, including economic health, the role of the Fed, the job of GDP growth, and how federal legislation impacts the economy. National debt and strong/weak dollar will be discussed as both economic and political issues. Global topics will include the EU and “Brexit”, China and Russia, and current events related to economics globally. Questions and discussion are encouraged.

Instructor: Ted Weston is a retired CSU business professor. Ted has previously given Osher presentations on both international economics and financial planning for retirement.

Time: 10 a.m. - Noon
Dates: Fridays, Oct. 19, 26, Nov. 2, 9 (4 weeks)
Class Size: 30 participants
Cost: $40
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Geologic Field Excursion: Larimer County Foothills  
● #OSHR 1815 106

This one-day field excursion is designed to examine a variety of geologic features and rocks in the Northern Colorado Front Range Foothills. We will examine and discuss the origin of sedimentary, metamorphic, and igneous rock units ranging in age from Precambrian to Cretaceous. We will also view and discuss the origin of large-scale structural features such as hogback and folded rock strata that formed during the mountain-building episode that created the Front Range Uplift. Our trip will begin near Carter Lake Reservoir, west of Loveland, and proceed north to Owl Canyon along U.S. 287 with stops along the way.

(NOTE: This Geologic Field Excursion is designed for non-geologists who have a basic understanding of geologic processes and rocks from a basic geology course or from personal reading and study. The ability to hike up to about one mile round trip at several stops is required).

Instructor: Frank G. Ethridge, professor emeritus at Colorado State University, worked as a geologist with the U.S. Army Corps of Engineers, the Texas Highway Commission, and Chevron Oil Company. He taught geology at Southern Illinois University and Colorado State University for a total of 35 years. During this time, Frank also conducted geology courses and led field trips for geological societies and petroleum companies. He and his graduate students completed numerous research projects on sedimentary rocks in the Front Range Foothills. Frank has a long-term interest in the geology and geologic history of Larimer County and has led numerous field trips over the past 38 years.

Time: 8 a.m. - 5 p.m.
Dates: Tuesday, October 23 (1 day)
Class Size: 35 participants
Cost: $100
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
Colorado Mines, Mills, and the Rise and Fall of Mining Towns
● #OSHR 1675 100

Understand the reasons for Colorado’s early economic growth as we explore Colorado mines, mills, and the rise and fall of mining towns. This course will encompass five lectures and a Boulder County field trip/tour of examples covered in class sessions. The subjects of mining technology and Colorado mines will be followed by milling technology and examples of mills. The sessions will cover the majority of the state’s minerals, including gold, silver, molybdenum, coal, uranium, iron, gypsum, and stone quarries. Mining towns, their growth, and subsequent abandonment will also be covered. The fieldtrip will include a mining museum, assay house, mines, and mining towns.

Instructor: Kenneth Jessen is a well-published author with 20 books to his credit. He is best known for his series on Colorado ghost towns. Jessen also writes two articles a week for the Loveland Reporter-Herald. He has appeared on CBS Sunday Morning with Charles Osgood and made seven appearances on Denver Channel 4. Jessen also lectures throughout Northern Colorado and is in his third year with Colorado State University’s Osher program. His interest in world geography stems from having spent two and a half years touring the world, including four circumnavigations of the globe.

Time: 1 – 3 p.m.
Date: Tuesdays, Oct. 30, Nov. 6, (no class Nov. 20), 27, Dec. 4, 11 (Fieldtrip from 8 a.m. – 5 p.m. on Saturday, Nov., 3) (6 weeks)
Class Size: 35 participants
Cost: $100
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Living Aloha: Hawaii’s Endearing Legacy
● #OSHR 1768 106

With its stunning beauty and mild climate, Hawaii has a lot to offer. It is one of the most beloved and misunderstood states in the U.S. Learn about the cultures, history, volcanoes, and spectacular natural environments found on the island; and take a tour of the islands through the evolution of aloha-wear. This exhibit is not to be missed if you have traveled to Hawaii or hope to do so in the future.

Host: John Roberts has 34 years of experience with the U.S. Peace Corps and the U.S. Department of State (working in 19 different countries and visiting 140+ more). He has an M.S. from Cornell University, and has taught international studies at CSU since 1999.

Time: 4 - 6 p.m.
Date: Wednesday, Nov. 14 (1 day)
Class Size: 50 participants
Cost: $20 (includes museum admission and refreshments)
Location: Global Village Museum of Arts and Cultures, 200 West Mountain Ave., Fort Collins, CO

Course enrollment is on a first-come, first-served basis and is subject to availability. Register today!
Osher Perk Series — Register for these single session (one-time) presentations to learn about cutting-edge research and special interest topics. Perk lectures carry a charge of $5 per lecture. Please note: Fees are nonrefundable.

Leafy Green Path to a Healthier You
#OSHR 3158 100 (Perk Series Lecture)
Dark leafy greens are nature’s secret medicines disguised as food. They can be very delicious when eaten as salads or sautéed with different spices, grains, and beans. Join us to get some tips on how to achieve the goal of eating them 3-6 times a day. Also enjoy a cooking demonstration and taste some delicious samples.

Speaker: Sapna Von Reich is a certified Physicians Committee for Responsible Medicine (PCRM) “Food for Life” instructor. She recently received a certification in plant-based nutrition from Cornell University, NY. She is a well-known plant-based food educator in Northern Colorado. She believes the food we eat can have a positive influence against many modern diseases like diabetes and cancer.

Time: 10 a.m. - Noon
Date: Monday, Sept. 10
Class Size: 25 participants
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

The World is Made of Numbers—and so is Much of Western Music
#OSHR 3196 106 (Perk Series Lecture)
From the time of Pythagoras, the music of Western Civilization has been richly shaped and informed by basic, elegant mathematical principles and procedures. We’ll examine these elements and see the ways they have created our scales, shaped musical forms, and determined the nature of our musical instruments. It all is often beneath the surface—the grain in the stone, so to speak—nevertheless, pervasive.

This talk is jointly sponsored by CSU’s Society of Senior Scholars and CSU’s Osher Lifelong Learning Institute.

The Prevalence of Fraud, Scams, and Humbug
#OSHR 3192 100 (Perk Series Lecture)
In the Internet, phone, and social media age, we are all subjected to a tsunami of information designed to defraud, scam, misinform, misdirect, or distort reality. Some of this material may be intended as pranks or jokes, but other material arises from a cruel sense of humor or viciousness, and much is intended to steal your money, property, or identity. Topics discussed in this talk will include: credit card, job, IRS, grandparent, financial, travel, jury duty, medical identity, food and diet, debt tagging, pizza, fake rebates, life-alert, and even dead family member scams. Suggestions will be made to protect your information and identity, and how to respond once you are a victim.

Speaker: Robert Meroney is an emeritus professor and senior research scientist/scholar in civil and environmental engineering at Colorado State University. He was formerly director of the Colorado State Wind Engineering Program and Wind Tunnel Laboratory. In retirement, Dr. Meroney is a master naturalist with the Fort Collins Natural Areas Program.

Time: 1 – 3 p.m.
Date: Wednesday, Sept. 12
Class Size: 35
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO
## Cancer Drugs: Advancements in the War Against Cancer
### #OSHR 3197 100 (Perk Series Lecture)

From the advent of mustard gas derivatives in the early 1950’s to present day cancer drug approvals, cancer drug development has undergone an unparalleled trajectory of advancement. This lecture will give a brief history of cancer drug development, discuss emerging cancer drug therapies, and describe the future state of drug development and why it shows tremendous promise.

**Speaker:** Vincent A. Vidaurri earned a Doctorate of Pharmacy from Idaho State University and a B.S. in Pharmacy from the University of Colorado. He is a Board Certified Oncology Pharmacist and for the past seven years, he has been providing cancer care for patients in Northern Colorado.

**Time:** 4 - 6 p.m.
**Date:** Thursday, Sept. 13
**Class Size:** 35 participants
**Cost:** $5
**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

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## Israel and Palestine: Is Peace Even Possible?
### #OSHR 3193 100 (Perk Series Lecture)

It sometimes seems that all sides in the Israel-Palestine conflict never miss an opportunity to miss an opportunity for peace. In this class, we will examine the current political climates of Israel, Palestine, and the United States, and try to determine if peace is even possible in such climates.

**Speaker:** Rabbi Hillel Katzir lived in Israel in his 20’s and early 30’s, and has written a book on Jewish history – The Evolving Covenant, Jewish History and Why It Matters. He is a member of the Fort Collins Human Relations Commission, and is the host of “Faith In Progress” on KRFC-FM.

**Time:** 4 - 6 p.m.
**Date:** Wednesday, Sept. 26
**Class Size:** 35 participants
**Cost:** $5
**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

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## The Tudors
### #OSHR 3002 100 (Perk Series Lecture)

Examine the lives of famous 16th century Tudor monarchs in this two-hour class. Henry VIII, Bloody Mary, and Elizabeth I will be featured, among others.

**Speaker:** Henry Weisser was a professor of history at Colorado State University for 39 years and is now a professor emeritus. He earned a Ph.D. from Columbia University. He has made many trips to Britain and also lived there for a time.

**Time:** 10 a.m. – Noon
**Date:** Thursday, Sept. 27
**Class Size:** 35 participants
**Cost:** $5
**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO

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## Parenting for Seniors: Wisdom and Practicality
### #OSHR 3010 100 (Perk Series Lecture)

As a first-time parent or a grandparent, seniors entering or reentering the parenting role bring an entirely different set of knowledge, skills, and life experiences compared to those who begin parenting at an earlier age. This talk will review pediatric growth (cognitive and physical) and behavioral development, and explore strategies for using the senior skill set as a foundation for successful parenting and grand-parenting.

**Speaker:** Claibourne I. Dungy is professor emeritus of pediatrics. His credentials include: M.D., University of Illinois; pediatric residency, Stanford University; and M.P.H., Johns Hopkins University. Prior to retirement, he served as Director of General Pediatrics and Adolescent Medicine and Director of The Pediatric Outpatient Clinic at the University of Iowa.

**Time:** 1 – 3 p.m.
**Date:** Thursday, Sept. 27
**Class Size:** 35 participants
**Cost:** $5
**Location:** Drake Hall, 2545 Research Blvd., Fort Collins, CO
From Wolf to Woof – Evolution of the Dog

Recent advances in molecular biology and anthropology provide new insights into our previous ideas regarding the evolution and domestication of "man’s best friend." In this class, a general outline of these advances will be used to support current concepts of how a wild wolf became a domesticated dog. The presentation includes relationships among the canine line, including the wolf, dog, foxes, and related canines.

This talk is jointly sponsored by CSU’s Society of Senior Scholars and CSU’s Osher Lifelong Learning Institute.

Speaker: F. Brent Reeves is a biology professor emeritus at CSU. His major areas of research include mycology (fungi) and taxonomy (naming and evolutionary relationships of organisms). His major current interests are dog evolution, Salvador Dali’s art and science, and mushrooms of Colorado.

Time: 3 - 4:30 p.m.
Date: Monday, Oct. 15
Class Size: 35 participants
Cost: $5
Location: First Presbyterian Church, 531 S. College Ave., Fort Collins, CO

An American Civil War Discussion

In this class, some of the most engaging questions about the American Civil War will be open for discussion, including: Who was the best general? What was the true cause of the war—slavery or state’s rights? What were the decisive turning points in the war? Participation will be encouraged.

Speaker: Henry Weisser was a professor of history at Colorado State University for 39 years and is now a professor emeritus. He earned his Ph.D. from Columbia University.

Time: 1 - 3 p.m.
Date: Thursday, Oct. 25
Class Size: 35 participants
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

History of Vector-borne Disease Prevention and Control along the Colorado Front Range

How did the Center for Disease Control laboratory come to be located in Fort Collins (and why did it move from Greeley)? What are the major vector-borne diseases that we need to be concerned about, and what are state and local agencies doing to prevent outbreaks of these pathogens? What role has CSU played in these efforts and how has the university benefitted?

This talk is jointly sponsored by CSU’s Society of Senior Scholars and CSU’s Osher Lifelong Learning Institute.

Speaker: Chet Moore has B.S., M.S., and Ph.D. degrees from the University of California, Davis (major in entomology and parasitology) and 30 years of research on vector-borne diseases (U.S. Army, Centers for Disease Control & Prevention). His academic experience includes: University of Puerto Rico and Colorado State University, and 90+ refereed papers and book chapters. He also serves on the City of Fort Collins West Nile Technical Advisory Committee.

Time: 3 - 4:30 p.m.
Date: Monday, Nov. 12
Class Size: 35 participants
Cost: $5
Location: First Presbyterian Church, 531 S. College Ave., Fort Collins, CO

Course enrollment is on a first-come, first-served basis and is subject to availability. Register today!
Yo-yo Science: Birth, History, Physics, and Types of Yo-yos
#OSHR 3031 100 (Perk Series Lecture)

The modern yo-yo appeared in the 1920s, but its antecedents go back to the Greeks in 500 BC. Bandalore yo-yos were popular in Europe in the 1700s. Duncan Toys launched a resurgence in popularity of yo-yos in the 1960s. Today, there are many Yo-yo design configurations, component materials, and shapes, including Kouen-gen or Diablo stick-driven systems, whistling yo-yos, and yo-yos with lights and moving parts. This talk will discuss yo-yo physics, yo-yo tricks (both simple and complex), yo-yo world contests, and videos of yo-yo team demonstrations.

Speaker: Robert Meroney is an emeritus professor and senior research scientist/scholar in civil and environmental engineering at Colorado State University. He was formerly director of the Colorado State Wind Engineering Program and Wind Tunnel Laboratory. In retirement, Dr. Meroney is a master naturalist with the Fort Collins Natural Areas Program.

Time: 10 a.m. - Noon
Date: Wednesday, Nov. 14
Class Size: 35 participants
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Japan, Part 1: Becoming a World Power within 50 Years
#OSHR 3035 100 (Perk Series Lecture)

Commodore Perry's visit to Japan in 1853 awakened a still feudal society. The Japanese realized the urgent need to quickly close the ~500 year gap between their archaic social order and the cutting-edge achievements of the industrious Western Empires. They foresaw comparisons between the British island Empire, over which the sun never set and their envisioned future Island Empire, over which the sun would rise. Japan had accomplished remarkable transitional advancements of its society, industry, and military, realizing the stature of a world power and striving to dominate the Pacific. These ambitions would inevitably lead to war with the United States.

Note: This PERK is part 1 of a two-part perk series. See OSHR #3036 100 below to register for part 2.

Speaker: Dr. Isaac Eliachar is a retired physician who headed the laryngotracheal reconstruction section at the Cleveland Clinic Foundation. Since his retirement, he has actively pursued his interests in World War II and post-war history, teaching history courses at the Palm Springs Air Museum and for the Osher Institute at Cal State San Bernadino, Palm Desert Campus.

Time: 9:30 a.m. – 12:30 p.m.
Date: Wednesday, Nov. 28
Class Size: 35
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

The Great Adventure of John and Kathleen
#OSHR 3194 100 (Perk Series Lecture)

John Roberts and Kathleen Batterton traveled six continents, visited 34 countries, and stopped at 67 ports. “It was all so different and fascinating,” John said. Roberts and Batterton are pleased to share their recent world circumnavigation adventures with the Osher Institute, including stories and 37-foot waves in the Tasman Sea, along with photos of their 144-day cruise.

Speakers: John Roberts, a former U.S. diplomat and long-term world traveler, is a CSU and Osher instructor of international studies.

Kathleen Batterton, a new but inveterate international traveler, is a CSU graduate and a long-time Osher participant. She’s ready for an eye-popping show and tell.
Japan, Part 2: Destined to be Defeated in Five Years

By the Twentieth Century, Japan’s Empire amassed formidable armed forces that overcame China and Russia in battle. It invaded Manchuria, Taiwan, Korea, China, and Russia. In 1940, Japan entered the Tripartite Axis Pact and confronted the European Colonies in the Pacific.

It advanced on a warpath against the United States that inevitably led to the sneak attack on Pearl Harbor. Over the next six months, the Japanese Navy spectacularly ravaged its strategic objectives in the Pacific. By mid-1942, Admiral Yamamoto, commanding officer of Japan’s sea warfare, considered the extant U.S. carrier force as the last enduring hazard to the Japanese Pacific campaign. He was determined to lure the American carriers to Midway Island and destroy them. Just six months after the Pearl Harbor attack, the U.S. Navy resoundingly won the ensuing battle. The United States adopted an offensive strategy in the Pacific forcing the Japanese Navy to a defensive position for the remainder of WW-II.

Speaker: Dr. Isaac Eliachar is a retired physician who headed the laryngotracheal reconstruction section at the Cleveland Clinic Foundation. Since his retirement, he has actively pursued his interests in World War II and post-war history, teaching history courses at the Palm Springs Air Museum and for the Osher Institute at Cal State San Bernadino, Palm Desert Campus.

Time: 9:30 a.m. - 12:30 p.m.
Date: Wednesday, Dec. 5
Class Size: 35 participants
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO

Weapons of the West

During the 18th century, Americans moved westward to conquer and exploit the north-American continent. They faced Indians, rustlers, unruly miners, lawless communities, wild animals, and the need to feed their families with wild game. These explorers and settlers took with them personal weapons suitable to protect and feed themselves. Many new personal weapons appeared during the early 1800s up to and through the Civil War. Most of these were either flint-cloch or percussion cap-fired black powder weapons, such as the Duck’s Foot Gun, the Philadelphia Derringer, the Hawkin Rifle, and the Plains Pistol. This talk will show examples of these weapons.

Speaker: Robert Meroney is an emeritus professor and senior research scientist/scholar in civil and environmental engineering at Colorado State University. He was formerly director of the Colorado State Wind Engineering Program and Wind Tunnel Laboratory. In retirement, Dr. Meroney is a master naturalist with the Fort Collins Natural Areas Program.

Time: 10 a.m. - Noon
Date: Wednesday, Dec. 12
Class Size: 35 participants
Cost: $5
Location: Drake Hall, 2545 Research Blvd., Fort Collins, CO