Message from the Director

Welcome back to our returning Osher Lifelong Learning Institute (OLLI) at CSU members, and greetings to all new and prospective members!

For those less familiar with OLLI at Colorado State University, we are an engaging, ever-expanding, and thriving community of almost 1,000 adults of all educational backgrounds who are interested in continuing to grow intellectually, physically, and socially. Our members have wide-ranging interests in history, literature, natural and social sciences, fine arts, cultural and global issues, politics, technology, nature, and wellness, and our classes are richer for the wealth of our members’ shared experiences.

Our OLLI classes are designed to challenge and inform in a relaxed atmosphere. Without the burden of taking tests, worrying about grades, or preparing for a career (most of our students have “been there, done that”), you can ask questions and contribute ideas just for the joy of learning. OLLI participants exercise their minds while making new friends, not only in the classroom but through other educational activities, special events, and membership engagement.

We are pleased to offer the OLLI course catalog for the Fall 2019 term, which is packed with classes taught by world-class instructors. Each of our 80 courses, lectures, and special programs are led by instructors who bring a lifetime of personal and professional experience to their topics. We are pleased to welcome back over 40 talented instructors who have taught for OLLI previously, and we also have an additional 25 new instructors and guest lecturers joining us this term.

As I step into my new expanded role as Director of OLLI, I look forward to getting to meet, listen to, and talk with members and instructors. Thank you for graciously welcoming me into your warm and wonderful community, and, as always, for being part of OLLI at CSU! We listen, value, and appreciate your feedback, so please let us hear from you throughout the term. We can’t wait to see you in classes soon!

Pat Gannon

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Contact Us

OLLI Registration
Website: www.oshers.colostate.edu
Phone: (970) 491-7753

Comments and Questions
OLLI@colostate.edu

Pat Gannon, Director
Pat.Gannon@colostate.edu

Diane O’Brien, Program Manager
Diane.Obrien@colostate.edu

Jacques Boeke, Program Support
Jacques.Boeke@colostate.edu

Partnerships

OLLI at CSU regularly collaborates with other organizations to bring the best in lifelong learning to our members. Our special thanks to:

SOCIETY OF CSU FACULTY/AP STAFF RETIREES
Fall 2019 OLLI @ CSU News

This year you'll notice some changes within the OLLI program.

**Osher Lifelong Learning Institute = OLLI**
In this catalog you'll see us starting to use the common Osher Lifelong Learning Institute nickname, OLLI. Same great program, just a shorter name.

**New OLLI Email Address**
If you have any questions or need to reach the OLLI team members, we have a new email address: OLLI@colostate.edu.

**Catalog Format**
This term you’ll notice we’re introducing a new catalog format! You’ll see that each topic area contains all courses, Perk lectures, and special programs related to that topic. Courses are also grouped according to the day of the week that they are offered. We are also including a table of contents, a term calendar, OLLI @ CSU News, and many of the high-praise testimonials you’ve shared with us on evaluations or the Fall 2018 OLLI survey.

**Value-Added Draw Changes**
Due to our increasingly full classes, the Value-Added Draw will be changing for the fall term. Current OLLI members who have registered for a fall-term course will need to complete the OLLI Value-Added Draw form, which will be available at the OLLI office, online at www.osher.colostate.edu, or at the fall Open House. Members will select two possible courses in order of preference. Entries must be received no later than Thursday, August 29, 2019 at Drake Hall, 2545 Research Blvd., Fort Collins, CO 80526. The drawing to randomly select 10 OLLI member forms will be held on August 30, 2019, and you will be notified within five working days if you were selected for one of the tuition-free classes (based on course availability). Please note: Perk lectures, courses valued greater than $60, and special programs are exempted as value draw options.
# Starting in September

<table>
<thead>
<tr>
<th>Monday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Day with a Naturalist at the Zoo</td>
<td>40</td>
</tr>
<tr>
<td>The Folk Tradition in American Music</td>
<td>38</td>
</tr>
<tr>
<td>Fundamentals of a Healthy Kitchen</td>
<td>46</td>
</tr>
<tr>
<td>The Nuclear Option</td>
<td>40</td>
</tr>
<tr>
<td>Photographing Nature—Animals, Birds, Flowers, Stars</td>
<td>40</td>
</tr>
<tr>
<td>Prompting Our Deepest Writing</td>
<td>18</td>
</tr>
<tr>
<td>Tips, Tricks, and Techniques in Photoshop</td>
<td>14</td>
</tr>
<tr>
<td>The U.S. in the 1980s</td>
<td>32</td>
</tr>
<tr>
<td><strong>Tuesday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>The History of Ireland</td>
<td>33</td>
</tr>
<tr>
<td>History of Rock and Roll</td>
<td>38</td>
</tr>
<tr>
<td>People of the Names</td>
<td>42</td>
</tr>
<tr>
<td>Triumph Over Technology: An Introductory Overview of Today’s Digital Tools</td>
<td>42</td>
</tr>
<tr>
<td><strong>Wednesday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>Central America: Bridging Cultures</td>
<td>23</td>
</tr>
<tr>
<td>Decarbonizing the Economy</td>
<td>23</td>
</tr>
<tr>
<td>From the Silk Road to the Karakoram Highway</td>
<td>22</td>
</tr>
<tr>
<td>Geology and Geologic History of Colorado</td>
<td>35</td>
</tr>
<tr>
<td>How to Tell Stories That Matter</td>
<td>19</td>
</tr>
<tr>
<td>Monet: Presenting an Impression!</td>
<td>15</td>
</tr>
<tr>
<td>More Drawing FUNdamentals—Bringing Out Your Inner Artist!</td>
<td>15</td>
</tr>
<tr>
<td>Social Media, Privacy, and the First Amendment</td>
<td>23</td>
</tr>
<tr>
<td><strong>Thursday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>A Workshop on Conversations That Bridge Gaps</td>
<td>29</td>
</tr>
<tr>
<td>Grief and Loss: Coping in a World Without Our Beloved</td>
<td>36</td>
</tr>
<tr>
<td>Israel—Palestine: An Update</td>
<td>30</td>
</tr>
<tr>
<td>Modern Cosmology: News from Out There</td>
<td>44</td>
</tr>
<tr>
<td>Story to Stage: Script Writing for Everyone</td>
<td>20</td>
</tr>
<tr>
<td>Women in Art History</td>
<td>16</td>
</tr>
<tr>
<td>Writing One-of-a-Kind Essays</td>
<td>20</td>
</tr>
<tr>
<td><strong>Friday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>The Prophets of the Hebrew Bible: What They Were, and Why They Still Are Today</td>
<td>31</td>
</tr>
<tr>
<td>Baby Steps Through Acrylic Painting</td>
<td>16</td>
</tr>
<tr>
<td>The Gift of Your Story: Writing a Spiritual Autobiography</td>
<td>21</td>
</tr>
<tr>
<td>Over the Rainbow and Into the Mainstream: Lesbian and Gay History in America</td>
<td>31</td>
</tr>
<tr>
<td>The Paris Peace Conference of 1919</td>
<td>31</td>
</tr>
<tr>
<td>Memory and the Human Brain</td>
<td>46</td>
</tr>
<tr>
<td>Behind the Creative Eye: Local Artists in Residence</td>
<td>16</td>
</tr>
</tbody>
</table>

# Starting in October

<table>
<thead>
<tr>
<th>Monday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020’s Challenges to the United States</td>
<td>22</td>
</tr>
<tr>
<td>An Introduction and Preview of the 2020 U.S. General Election</td>
<td>33</td>
</tr>
<tr>
<td>Discover the Magic of Antarctica</td>
<td>41</td>
</tr>
<tr>
<td>From Flatt and Scruggs to Jamgrass and Beyond</td>
<td>38</td>
</tr>
<tr>
<td>History of World War II</td>
<td>32</td>
</tr>
<tr>
<td>Managing Transboundary Water Along the U.S.–Mexico Border</td>
<td>22</td>
</tr>
<tr>
<td>Beginning Oil Painting for the Absolute Beginner</td>
<td>14</td>
</tr>
<tr>
<td><strong>Tuesday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>Aha! Discoveries of Life and Learning</td>
<td>43</td>
</tr>
<tr>
<td>Beets, Beavers, and Bandits: Early History of Larimer County</td>
<td>34</td>
</tr>
<tr>
<td>Cinema du Jour</td>
<td>39</td>
</tr>
<tr>
<td>Colorado Mines, Mills, and the Rise and Fall of Mining Towns</td>
<td>33</td>
</tr>
<tr>
<td>What the Book Jacket Doesn’t Tell You</td>
<td>18</td>
</tr>
<tr>
<td>Tsars and Stars of Old Russia: Tales of Woe and Excess</td>
<td>34</td>
</tr>
<tr>
<td><strong>Wednesday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>A Day with a Naturalist at the Museum</td>
<td>43</td>
</tr>
<tr>
<td>A Virtual Tour of the Holy Land</td>
<td>29</td>
</tr>
<tr>
<td>Cinema du Jour</td>
<td>39</td>
</tr>
<tr>
<td>The Craft of Novel Writing – Basic</td>
<td>19</td>
</tr>
<tr>
<td>Día de los Muertos</td>
<td>28</td>
</tr>
<tr>
<td>From Ship to Shore: Broadening Your Horizon Through Travel</td>
<td>28</td>
</tr>
<tr>
<td>PUMP Up Your Novel!</td>
<td>19</td>
</tr>
<tr>
<td>Seapower: To Rule the World</td>
<td>29</td>
</tr>
<tr>
<td>The Supreme Court’s “New Normal”</td>
<td>28</td>
</tr>
<tr>
<td>Why Is THAT in the Art Museum?</td>
<td>15</td>
</tr>
<tr>
<td><strong>Thursday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>Ancient Bristlecones: Their Ecology and Story of Survival</td>
<td>44</td>
</tr>
<tr>
<td>Best American Poetry 2019</td>
<td>20</td>
</tr>
<tr>
<td>Giant Sequoia: The Amazing Story of the World’s Largest Tree</td>
<td>44</td>
</tr>
<tr>
<td>The Heart of Story: Telling Stories That Matter</td>
<td>21</td>
</tr>
<tr>
<td>International Current Events Roundtable</td>
<td>30</td>
</tr>
<tr>
<td>Introductory Ink Drawing Techniques</td>
<td>16</td>
</tr>
<tr>
<td>Margaret Atwood Turns Eighty</td>
<td>20</td>
</tr>
<tr>
<td>The Shock of the New: The Last 100 Years of Art History</td>
<td>16</td>
</tr>
<tr>
<td>Slavery, Antislavery, and the Sectional Crisis in the United States</td>
<td>36</td>
</tr>
<tr>
<td><strong>Friday</strong></td>
<td>Pg.</td>
</tr>
<tr>
<td>2020 Geopolitics</td>
<td>31</td>
</tr>
<tr>
<td>Baby Steps Through Acrylic Painting</td>
<td>16</td>
</tr>
<tr>
<td>Origin Poems</td>
<td>21</td>
</tr>
<tr>
<td>How to Put Your Family History in Historical Context</td>
<td>37</td>
</tr>
<tr>
<td>What Our Dreams Teach</td>
<td>21</td>
</tr>
</tbody>
</table>
**Starting in November**

<table>
<thead>
<tr>
<th>Monday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enlightenment Now – A Discussion Group</td>
<td>32</td>
</tr>
<tr>
<td>Supercharging Your Business with the Right IT</td>
<td>41</td>
</tr>
<tr>
<td>Your Microbiome</td>
<td>46</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tuesday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary Masters: Artists on the Leading Edge</td>
<td>14</td>
</tr>
<tr>
<td>Great Decisions – Shaping U.S. Foreign Policy: Putting the Pieces Together</td>
<td>34</td>
</tr>
<tr>
<td>The Great Turning and You</td>
<td>35</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wednesday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jazz: Inside the Mystery of Improvisational Leadership</td>
<td>39</td>
</tr>
<tr>
<td>Reading the Daytime Sky: Clouds</td>
<td>43</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Friday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Eclectic Reflections Series</td>
<td>45</td>
</tr>
<tr>
<td>Japan: After the Battle of Midway</td>
<td>37</td>
</tr>
<tr>
<td>Space Exploration</td>
<td>45</td>
</tr>
</tbody>
</table>

**Starting in December**

<table>
<thead>
<tr>
<th>Monday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Geology, Technology, and Risks of Fracking</td>
<td>41</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wednesday</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinvent Your Life: Envision, Execute, and Experience Your Ideal Life</td>
<td>36</td>
</tr>
</tbody>
</table>

**Table of Contents**

- OLLI at CSU News ..................................................... 1
- About OLLI........................................................................ 4
- Membership Information .................................................. 4
- Important Dates............................................................ 5
- How to Register............................................................ 5
- Open House ...................................................................... 7
- Class Locations ............................................................ 7
- Meet the Instructors ..................................................... 8

**Course Descriptions**

- Art and Design.............................................................. 14
- Communication and Language Arts ............................ 18
- Cultural, Economics, and Foreign Affairs............... 22
- History, Psychology, and Philosophy .................... 32
- Music, Theatre, and Film .......................................... 38
- Nature, Science, and Technology ............................. 40
- Health and Wellness .................................................. 46
- Give the Gift of Learning ........................................... 24
- Registration Form ..................................................... 25
- Value Added Draw Form .............................................. 27
- Honor Roll of Donors ................................................ 48
About the Osher Lifelong Learning Institute (OLLI)

The San Francisco–based Bernard Osher Foundation was started in 1977 by Bernard Osher, a respected businessman and community leader. The Foundation seeks to improve quality of life through support for higher education and the arts. In partnership with the Bernard Osher Foundation, Osher Lifelong Learning Institutes are now found on the campuses of 123 prestigious colleges and universities, from Maine and California to Hawaii and Alaska. Each provides a distinctive array of noncredit courses and activities specifically developed for intellectually curious adults of all ages, with special attention to those 50 or better.

Initially endowed by the Bernard Osher Foundation, the Osher Lifelong Learning Institute at Colorado State University was established in 2006 and is a membership-based, self-supporting program committed to fostering lifelong learning and enriching lives. Join us and take part in OLLI’s ever-evolving educational opportunities!

Who Belongs to OLLI?

Our members are people like you from all backgrounds, professions, education, and places. We welcome adults of all ages – with special consideration of those 50 and better – with a desire to learn, engage, build new friendships, and take an active part in discovering more about the world around us.

OLLI Membership Fees

The Osher Lifelong Learning Institute at CSU is a member-based, member-driven program. Membership is required to participate in our many exciting courses, Perk lectures, and special programs. Membership and course fees are critical to our institute’s success and sustainability – they help support our dynamic, quality programming and remind students that they are part of an engaged learning community and a national network of lifelong learners. The Osher Foundation also only supports OLLI programs that have developed a sustainable financial model, which includes renewable membership fees.

OLLI Membership

• The $35 annual membership fee includes two terms
• Members can register for OLLI courses, Perk lectures, and special programs
• Includes free access to one Perk lecture within the membership year

Course, Perk Lecture, and Special Program Fees

• Membership is required to register for all courses, lectures, and special programs
• Registration cost for each course and special program varies based on the length of the course and unique features such as field trips
• Registration for each Perk lecture is $5
• Registration for multiple courses is allowed and encouraged
• All courses, Perk lectures, and special programs enroll based on a first-come basis subject to space availability

Why Become a Member?

Indulge your curiosity! People who are active, engaged in their communities, and who continue learning throughout their lives feel more productive and purposeful and are healthier and happier. Keep your knowledge of our ever-changing world up to date, try new experiences, and join a community of other inquisitive minds.

• Expand your experiences and engage your curiosity
• Gain access to exceptional classes, lectures and special programs
• Gather with others like you who are committed to learning for a lifetime

Join today because you’re worth it! Visit www.isher.colostate.edu or call (970) 491-7753.
Important Dates

Fall term registration opens: August 9, 2019
Fall 2019 Open House: August 29, 2019
Fall term classes begin: September 5, 2019
Thanksgiving (no classes): November 25-29, 2019
Fall term ends: December 17, 2019

How to Register

Fall registration opens August 9, 2019

Register Online

Visit our secure registration website at www.osher.colostate.edu

Register in Person

Osher Lifelong Learning Institute
Colorado State University
CSU Drake Hall
2545 Research Blvd.
Fort Collins, CO 80526

Register by Phone

Call (970) 491-7753

Register by Mail

Complete and mail the Membership Registration form on page 25 to:

Osher Lifelong Learning Institute
2545 Research Blvd.
Fort Collins, CO 80526

Tuition Assistance

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

Course Wait Lists

Course wait lists are available for all classes.

When registering online:
If a class is full, you’ll be able to add your name to the wait list. If space becomes available, you’ll receive an email, and you’ll have 48 hours to determine if you’d like to take the newly opened space. If you don’t, the automated system will offer the space to the next person on the wait list.

When registering by mail or in person:
If a class is full, your name will automatically be added to the wait list for that class. You’ll be notified by email if space becomes available and will be provided 48 hours to determine if you’d like to take the newly opened space in the class.
Drop and Refund Policy
OLLI membership, Perk lecture, and course fees are nonrefundable. Extenuating circumstances to drop a course may be considered by the Appeals Committee on a case-by-case basis. If you need to drop a course, please provide a written request to OLLI@colostate.edu. OLLI staff members are also willing to help you find an alternative class to transfer into if requested.

If a course is canceled by OLLI, members will be notified by email, or phone if no email has been provided. Members will have a 48-hour window to request a transfer into an open course or request a tax-deductible donation of the course tuition in the member’s name to the OLLI program. After 48 hours, a full refund will be processed. Credit card refunds require 10 business days; check refunds may take up to eight weeks and will be mailed to the address on file.

Severe Weather Policy
The Osher Lifelong Learning Institute follows Colorado State University’s severe weather policy in regard to canceling classes due to weather. It is important that we have your phone number and email address so we can contact you in case of a weather-related class cancellation. Whenever possible, our offices will provide a two-hour notice of a cancellation and will make attempts to reach everyone affected by the closure. You may also check our website for weather-related announcements.

Student Guidelines
The mission of education is to promote and protect the intellectual, personal, social, and ethical development of the individual, ideally conducted in an environment that encourages reasoned discourse, intellectual honesty, openness to constructive change, and respect for the rights of all participants.

In keeping with this mission, OLLI encourages our instructors and class members to balance the rights and needs of the individual with an awareness of behaviors that may interfere with the learning experience of others. Such behaviors may include monopolizing discussions, undermining the instructor’s credibility, using cell phone and electronic devices not relevant to the topic during class time, and introducing allergens (e.g. perfumes, scents, lotions) or foods that may be disruptive. Thanks for keeping our classrooms comfortable and sustaining a fun learning environment for all!

Gift Certificates Available!
Looking for the perfect gift for a friend or relative? Give the gift of learning! OLLI memberships and courses make thoughtful gifts for retirements, birthdays, anniversaries, and holidays. Gift certificates are nonrefundable and may be used only for the semester for which they are purchased. Call (970) 491-7753 for more information.

Support Your OLLI at CSU
Your tax-deductible contributions support and maintain this high-quality OLLI program, allowing us to keep membership and course costs down. With your contributions, we can enhance, grow, and continue to create an engaging and thoughtful learning environment. Please consider making a generous donation when completing the Membership Registration form, make an online gift today at www.advancing.colostate.edu/oshi, or call (970)-491-3403.
Join us at a new time from 2 – 4:00 p.m. for our Fall 2019 Open House to meet new and former instructors, mingle with OLLI members, share comments and questions about your OLLI membership and upcoming classes, explore the new OLLI website, register for classes, and enjoy refreshments and snacks. Door prizes will be awarded. (If selected, members must be present to claim their prize.)

You are encouraged to invite guests who may be interested in becoming members and joining the unstressed, curious minds of OLLI. If your friend signs up for an OLLI membership, both you and your guest will receive a thank-you gift from the OLLI team.

No registration is required to attend the Fall 2019 OLLI Open House, but a courtesy RSVP by August 28, 2019 would be appreciated. Please email your RSVP to OLLI@colostate.edu.

Class Locations

1. **CSU Drake Hall**
   2545 Research Drive, Fort Collins, CO

2. **The Lyric**
   1209 N. College Ave., Fort Collins, CO

3. **First Presbyterian Church**
   531 S. College Ave., Fort Collins, CO

4. **Global Village Museum of Arts and Cultures**
   200 West Mountain Ave., Fort Collins, CO

5. **Community Foundation of Northern Colorado**
   4745 Wheaton Dr., Fort Collins, CO
Meet the Instructors

New to OLLI for Fall 2019

Dr. Jennifer Aberle, Ph.D. is a CSU associate professor and the director of undergraduate and online programs in the Department of Human Development and Family Studies. Her work focuses primarily in the areas of prevention and interventions sciences related to lifespan development, leadership in human services, and clinical work related to grief and loss. She lives with her husband, three children, and two dogs just outside of Fort Collins in the foothills.

Richard Alper is an attorney who has studied, taught, and practiced constitutional law in the contexts of serving in county and state government and teaching for the Osher Institute. He has taught conflict resolution at the University of Wyoming, the University of Northern Colorado, The John Hopkins University Carey School of Business, and the University of Maryland School of Law.

Chuck Barrett is the bestselling author of the award-winning Jake Pendleton series, as well as his award-winning blockbuster, Blown, the first book in his new Gregg Kaplan series. His latest book, Last Chance, was released in 2018. Barrett is a graduate of Auburn University and a retired air traffic controller. He enjoys fly fishing, hiking, and most things outdoors. He and his wife, DJ Steele (also an author), currently reside in Colorado.

Heather Bartmann and Cynthia O'Neill
A native of England, Heather graduated from the American Academy of Art in Chicago and studied ornithology at CSU. Most of her creative years have been spent studying and painting birds. Cindy graduated from Luther College in Decorah, Iowa, and has used a variety of art mediums all her life. Both artists became involved in clay through the Fort Collins Pottery Studio and later began a home studio, 2 Clay Chicks Ceramics, where their collaborations have become a blend of successes, challenges, and joy.

Andrea Bazoin ("Bah-Zwah") is a higher-education professional turned entrepreneur, wellness advocate, and writer. She is the founder of everHuman, LLC, a technical-education company that empowers individuals and teams to navigate an ever-changing digital landscape through coaching, consulting, and workshops. Andrea has a master's degree is in educational leadership and policy studies from the University of Washington-Seattle and has taught students from middle school through retirement. She is multilingual (English, Spanish, and French).

Audra Brickner serves as the vice president for advancement at Semester at Sea, and she previously worked at CSU for more than ten years. Audra has a passion for travel and learning and has visited 11 countries, from Thailand and Vietnam to Costa Rica and Peru. She will be facilitating the faculty and participant panelists from the Semester at Sea Perk lecture.

Tim Buchanan With a master's degree from Colorado State University, Tim has served as the Fort Collins City Forester for over 40 years and as president of the Rocky Mountain Chapter of the International Society of Arboriculture and the Front Range Urban Forestry Council. He has taught and lectured extensively on urban forestry management of trees.

Doug Carter is an investment real estate professional and small business owner residing in Colorado Springs. He sailed on the Spring 2018 voyage as a Lifelong Learner, after his daughter sailed as a student in 2016.

David A. Caputo, Ph.D. With a B.A. in government and a Ph.D. in political science, David has held multiple academic positions and has received two Fulbright appointments, a Lilly Fellowship, and a National Science Foundation Fellowship. He has authored numerous books and research articles about urban politics, electoral politics, and American government. David is a frequent commentator to various print and electronic media outlets, and although currently retired, he is continuing his media commentary. He resides in Fort Collins, Colorado where he teaches for the OLLI program at CSU.

Rick Casey With an M.A. in economics from the University of Pennsylvania, Rick worked as an economic analyst for several years before teaching at Front Range Community College. He turned to programming in 1992 after surviving two Wall Street–induced recessions and learning how the world really worked. He got involved in political activism and returned to teaching part-time in 2009, but he still works as a programmer to earn a living.

Sue Collentine holds a B.F.A. in ceramics from the Kansas City Art Institute. In 2003, she opened a ceramic studio in Minneapolis. After nine years there, Sue moved to Fort Collins and started Smokestack Pottery. She now rents out space to seven resident artists and teaches classes full-time. Sue is a functional potter who works in porcelain clay and fires in a gas kiln that reaches 2,300 degrees. All of her pottery is oven-, dishwasher-, and microwave-safe with the exception of her decorative glass pieces.
James Collinson is an emeritus professor in the School of Earth Sciences and the Byrd Polar and Climate Research Center at The Ohio State University. His research has taken him throughout the Transantarctic and Ellsworth Mountains. After retirement, he served as a lecturer on Antarctic cruise ships.

Kevin J. Cook Since earning his degrees in biology and wildlife biology from Western Colorado University and CSU, Kevin has worked full-time as a self-employed writer-naturalist. As a lifelong naturalist, Kevin has explored Colorado to experience its wildlife firsthand and has spent his entire adult life addressing the issues that arise between people and the natural world. Kevin writes natural history columns for newspapers and magazines, edits technical articles for scientific publications, leads wildlife observation tours, teaches various wildlife classes, and presents monthly wildlife lectures at several Colorado venues.

William Cornell earned his B.S. and M.S. degrees in geology from the University of Rhode Island and his Ph.D. from UCLA. He taught geology at the University of Texas at El Paso (UTEP), with stints as department chair, assistant dean of the College of Science, and “pre-med” advisor. He also taught in the OLLI program at UTEP for 15 years and received numerous teaching and service awards from the university. He is a master naturalist for the Fort Collins Natural Areas Department.

David Danbom taught American history at North Dakota State University for 36 years, with the topics of slavery and the sectional crisis among his research interests. He has previously taught classes on a variety of topics for the OLLI program at CSU.

Kay Easley, M.S. is the chair of the relations team for the League of Women Voters of Larimer County and serves as the facilitator for the Great Decisions course offered by the OLLI program at CSU.

Felipe Echevarria is an internationally collected American fine artist, illustrator, and graphic novelist currently living and working in Loveland. His primarily figurative work often merges realism with ethereal, impressionistic handling. His graphic novels and comics use similar mediums and handling, with his latest works incorporating spiritual themes, though not religious. Felipe’s vision is to merge comic art with his fine-art training, background abstraction, and color and edge work to create imagery that pulls the viewer into an energetic reality that will spark personal transformation.

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, the OLLI program at California State University – San Bernardino, and more recently the OLLI program at CSU.

Frank G. Ethridge taught geology at Southern Illinois University and CSU for a total of 35 years. He worked as a geologist with the U.S. Army Corps of Engineers, the Texas Highway Commission, and Chevron. He and his graduate students completed several research projects on modern rivers and ancient river deposits. A popular OLLI instructor, Frank has a long-term interest in the geology and geologic history of Colorado and has lectured on the variability and complexity of modern rivers.

Dr. Oscar Felix* Recently retired as CSU’s associate vice president for diversity, Dr. Felix’s 30-year career at CSU focused primarily on increasing college access and success for first-generation, low-income, and diverse populations. Oscar continues to teach at CSU’s School of Education, including courses on global perspectives as well as educational opportunity and equity. Oscar sailed on the Spring 2019 Semester at Sea voyage as the dean of student life and traveled to 11 countries on four continents.

Dr. Ed Friedman, Ph.D.* With a B.S. and Ph.D. in physics, Ed has worked extensively on systems for ocean science, planet detection, astronomy, astrophysics, climate, and weather. He was the chief technologist at Ball Aerospace, a technical fellow at Boeing, adjunct faculty at CU, and a visiting scientist at the National Center for Atmospheric Research. He has taught college math, astronomy, and orbital dynamics, and he consults on NASA missions. He has authored four books on optical systems.

Ed Goodman Ed’s career has spanned the fields of experience design, marketing, strategic planning, engineering, land planning, education, media production, entertainment, and nonprofit think-tank management. He has more than 30 years of problem-solving experience, specializing in ideation and implementation. Ed has crafted new thinking models and is the co-founder of The MindShare Network. As a trumpet player, Ed has performed around the U.S. and Canada, sharing the stage with artists such as Olivia Newton John, Ray Charles, Dizzy Gillespie, Tony Bennett, and Blood, Sweat & Tears.

Visit www.osher.colostate.edu to register online
Meet the Instructors cont.

New to OLLI for Fall 2019

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 in eliciting spiritual autobiographies from people of all faiths and traditions (or none), Laurie has a deep reverence for the wisdom of individuals in relationship with the Holy.

Nancy Hansford has lived in Fort Collins for more than three decades. She is a longtime freelance writer and author of two titles, Fort Collins Highlights and Northern Colorado Ghost Stories. As a local-author columnist for The Coloradoan, she has supported outstanding local authors for many years, also bringing talented authors to the OLLI classroom through her popular course, What the Book Jacket Doesn’t Tell You.

Sara Hoffman has a bachelor’s and master’s degree in journalism from UNC and CU. She taught journalism at CSU for 20 years, worked as a newspaper reporter, editor, and columnist, and has taught writing classes for the CSU OLLI program, Poudre School District, and multiple regional businesses. She has worked as a journalist off and on for more than 40 years and has been a member of a local writers’ critique group for nearly 10 years. During Fall 2016, she published a historical fiction novel, Finding Baby Ruth, about her grandmother.

Bill Hunter has been a management trainer and facilitator for more than 40 years. For the last 17 years, he has conducted Vistage CEO peer groups, helping them learn from each other.

Christy Jensen was fortunate to grow up in a family of artists who provided fuel for her creativity and love for painting. She studied formally at Brigham Young University and continued her own art education through various local courses. She is a gifted artist in watercolor and acrylic mediums and enjoys plein air drawing and painting. The fact that her five children have each become great artists in their own right is a testament to Christy’s ability to inspire.

Kenneth Jessen holds a B.S.E.E. and an M.B.A. from the University of Utah, and he completed post-graduate work in telecommunications at CU. He has lived in Loveland for 50 years, and he acts as a tour guide and lecturer and has made a number of national television appearances. Ken is best known for his published information on Estes Park, Rocky Mountain National Park, railroad history and the ghost towns scattered throughout 64 Colorado counties.

Rabbi Hillel Katzir has been the spiritual leader of Temple Or Hadash in Fort Collins since 2015; before that, he served a synagogue in New England for 11 years. He previously lived in Israel, served in the Israeli army, and practiced law for 15 years in California and New Mexico. Rabbi Katzir is very involved in interfaith education and has been teaching Judaism and the Hebrew Bible for 20 years. He has taught for the CSU OLLI program since 2015.

Rita Kissen came to Colorado from Portland, Maine, where she taught English, women’s studies, and teacher education at the University of Southern Maine. As a community activist, she co-founded the first Maine chapters of PFLAG (Parents, Families, and Friends of Lesbians and Gays) and GLSEN (Gay, Lesbian, and Straight Education Network) and was a media spokesperson for a successful citizen referendum that added LGBT protection to the Portland Human Rights ordinance.

Annie Krieg, Ph.D. earned her M.A. and Ph.D. in the history of art and architecture and cultural studies at the University of Pittsburgh. She enjoys sharing her love of visual culture and social and political history, teaching a variety of topics from art and the Holocaust to modern religious architecture. Annie has taught at the University of Pittsburgh, Lawrence University, and the OLLI program at the University of Wisconsin-Madison. Currently teaching art history at CSU, she frequently teaches classes for CSU’s OLLI program.

Dennis Lamb, Ph.D. retired from Penn State University as professor of meteorology in 2009 after teaching there for 22 years. He earned his Ph.D. in atmospheric sciences from the University of Washington in 1970, specializing in cloud physics. He gained research experience while at the Meteorological Institute in Frankfurt, Germany, and the Desert Research Institute in Reno. He co-authored a textbook, Physics and Chemistry of Clouds, published by Cambridge University Press in 2011.

Robert Lawrence, Ph.D. An expert in nuclear issues, Dr. Lawrence was a political science professor at CSU for 35 years. Bob’s many books are on American government, arms control and disarmament, ballistic missile defense, energy policy, and the utility of nuclear weapons and their proliferation. He served in the U.S. Air Force and worked at think tanks for the Hudson Institute and the Stanford Research Institute. In addition to his many years at CSU, he also taught at the University of Kansas, Texas Tech University, University of Arizona, and CU.
Chloé Leisure holds an M.A. from Northern Arizona University and an M.F.A. in poetry from CSU. A former CSU English instructor, she currently teaches creative writing for community and elementary-school classes. Chloé was the 2014 Fort Collins Poet Laureate and is the author of The End of the World Again.

Joannah Merriman holds an M.A degree and is a community educator, writer, and psychotherapist. A voracious reader and lover of good films, Joannah has been the facilitator for the Cinema du Jour course for the past several years. A member of three book groups, she is most interested in thoughtful discussion of material on both page and screen.

Jeanne Mackenzie has been teaching art in Northern Colorado for the past 20 years. Graduating with a B.F.A. and an M.Ed., she has devoted herself to teaching painting principles and skills, both studio and plein air. Jeanne shares her love of art by teaching local, national, and international painting workshops. She has been on staff at the Denver Art Museum teaching color theory, composition, and painting.

Holly Manley earned both her B.S. in microbiology and medical technology and her M.S. in technical communication from CSU. She has worked in medical laboratories and taught microbiology and other healthcare-related courses for the last 10 years.

Carol Marander is an artist living and working in Fort Collins. She graduated with honors from CSU, where she majored in sculpture and painting. Carol’s paintings have been in numerous local and national juried exhibitions, and 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.

Rajiv Mehta, MBA is CEO of Synergistics Incorporated, a Fort Collins–based IT company that provides innovative software solutions to the U.S. Department of Defense as well as civilian agencies. He holds B.S. and M.E. degrees in engineering, an M.B.A. in information systems, and CEO training from Harvard Business School. Rajiv has also taught information systems, statistics, operations research, and quantitative business forecasting at CSU. Rajiv is part of the CSU Senior Scholars program.

Robert Meroney, Ph.D. is an emeritus professor, senior research scientist and scholar in civil and environmental engineering at CSU. In retirement, he is a master naturalist for the Fort Collins Natural Areas Department. He was formerly the director of the Colorado State Wind Engineering Program and Wind Tunnel Laboratory, and he has written more than 350 papers and reports in the areas of wind engineering, geophysical fluid mechanics, and computational fluid dynamics.

Murth Murthy has a B.S. in physics and optics, a B.S. in electrical engineering, and an M.S. in electronics. He is formerly vice president of engineering at Pitney Bowes. Murth has taught photography and Adobe Photoshop at Front Range Community College, Longmont Free University, and in many other classroom settings.
Meet the Instructors cont.

Joe Osmann holds an M.F.A and is a retired college professor, practicing artist, and illustrator who has taught art history and studio art for 40 years. Attracted to the visual arts at an early age, his life’s work has been devoted to the exploration and application of visual literacy and design. With experience as the owner of a commercial framing business and an extensive knowledge of the home-building process, Joe combines effective teaching skills with practical knowledge that he shares with students in CSU’s OLLI program.

Veronica Patterson is a writer, freelance editor, and teacher who lives in Loveland and teaches for the OLLI program at CSU. She has published multiple full-length poetry collections, including Sudden White Fan (2018), Swan, What Shores? (NYU Press Poetry Prize, 2000), Thresh & Hold (Gell Poetry Prize, Big Pencil Press, 2009), & it had rained (2013), and two chapbooks—This Is the Strange Part (2002) and Maneuvers: Battle of the Little Bighorn Poems (2013). Her essay “Comfort Me with Apples” was published in The Georgia Review.

Bruce Pauley is a native of Lincoln, Nebraska and a graduate of Grinnell College, the University of Nebraska, and the University of Rochester. In addition to his formal education, Bruce has traveled to 84 countries on all seven continents. He has taught modern European history at the College of Wooster, the University of Wyoming, the University of Central Florida, and as a frequent guest professor. Bruce has published six books on totalitarianism, nationalism, anti-Semitism, and diplomacy.

Sally Purath earned her B.A. in social sciences and her M.Ed. at CSU. She taught history, world humanities, and language arts for 26 years at the Poudre School District, and has led National Endowment for the Humanities institutes and other teacher workshops. Sally has extensive training in world humanities, specializing in Asia, Europe, Africa, the Middle East, and Latin America. She has also studied religion and culture in Japan, China, India, Peru, and Europe.

Mel Ristau Mel’s work is about being alive within and moving through the mesh of our cultural, natural, and social worlds. He has an M.F.A. from the University of Kansas School of Fine Arts. He is a native of the Louisiana Gulf Coast, was a resident of West Texas for 23 years, and now has a studio in Northern Colorado. Since 2003 he has created and installed more than 20 monumental sculptures in corporate, healthcare, and university facilities and has exhibited in the United States, Europe, and Japan.

John Roberts has an M.S. from Cornell University and served 34 years with the U.S. Department of State and the U.S. Peace Corps in 19 different countries. He has taught international studies at CSU along with a variety of courses with the OLLI program at CSU since 1999. John 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.”

Mary Roberts has an M.A. in communications, emphasizing creative nonfiction, and a B.A. in technical journalism. Mary teaches storytelling workshops and is a story coach for individuals and organizations. She runs a monthly meeting for storytellers wanting to hone their storytelling skills. Mary has also been on storytelling stages herself and produces, coaches, and emcees storytelling events.

Jack Rogers has worked in the performing arts for more than 24 years. He received his B.F.A. in acting with a minor in dance from Long Island University at C.W. Post, and he has received multiple awards for his performance work both professionally and academically. He received his M.P.A. in nonprofit management from Georgia State University. Jack currently provides administrative, artistic, and operational leadership to The Lincoln Center in Fort Collins.

Kirsten Savage is one of Colorado’s top representational artists, best known for her work in figurative oil painting. After graduating from the Maryland Institute College of Art, Kirsten moved to Colorado, where she found her love for the outdoors. Kirsten now backpacks all over Colorado’s high alpine country and the deserts of the Southwest to seek inspiration for her artwork. Kirsten exhibits in art shows and festivals across the U.S. and her artwork is in collections around the world. She is currently represented by Abend Gallery in Denver.
Natalie Scarlett has been teaching writing for seven years and has worked as a theater and film director for more than a decade. She is a professional freelance creative writer and arts and culture journalist. In addition to leading workshops in poetry, film, and playwriting for high school students, she has written several plays and seen them produced. Natalie studied theatrical directing in college and took playwriting courses as well.

Margaret Sharkoffmadrid is a part-time art history faculty member at Front Range Community College and a consultant for the College Board’s Advanced Placement art history program. She taught art history in the Washington, D.C. area for many years and has served on faculty panels at the Denver Art Museum, The National Gallery of Art, and the Corcoran Gallery of Art. She earned an M.F.A. in painting and has done extensive post-graduate work in art history.

Amy Smith, Ph.D. is the associate provost for CSU Online. She has over 19 years of experience in online education and 10 years leading strategic and annual operating planning for four different universities. She has a Ph.D. in educational leadership: curriculum and instruction from the University of Denver and an M.Ed. in public administration and supervision from National Louis University, among other credentials. Amy has spent more than two decades studying the brain and cognition, the science of thinking and learning.

Hal Smith taught history for 40 years at the University of Houston-Victoria, the University of Montana, and the University of Missouri-Kansas City. He was made a Fellow of the Royal Historical Society of Great Britain for his historical research and has been teaching courses on British history since 1976. 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 for the OLLI program at CSU since 2015.

Ralph Smith is a retired CSU professor of microbiology. Following his retirement, he has become an avid photographer, attending workshops on landscape and night photography. He has won several awards from the Crested Butte Wildflower Festival and his photos have been published in The Coloradoan and various CSU publications. Ralph is part of the CSU Senior Scholars program.

Tim Thomas is a guitarist, luthier, and educator with a deep and abiding love for music, especially acoustic music in the American folk tradition. A student and performer of folk music, he considers himself fortunate to have seen Bill Monroe, Earl Scruggs, Doc and Merle Watson, as well as contemporary artists like Chris Thile, Jerry Douglas, Bela Fleck, and Sam Bush.

Sapna Von Reich is a Food for Life instructor for the Physicians Committee for Responsible Medicine, and she holds a certification in plant-based nutrition from Cornell University. Sapna is a lifestyle health coach and a well-known plant-based food educator in Northern Colorado. Recognizing that the food we eat can have a positive influence against diseases like diabetes and cancer, her hope is for people to work consciously to change their lifestyle by making time to prepare fresh and delicious meals at home every day.

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

Dan S. Ward, Ph.D. is a former submarine naval officer and a certified financial planner who earned a Ph.D. in nuclear physics specializing in astrophysics and astronomy. With degrees in mediation, hostage negotiation, and cease-fire diplomacy, Dan is a self-defined “usurper of various academic disciplines.” As a former associate professor at CSU, he has taught numerous courses in science, engineering, astronomy, math, finance, geopolitics, mythology, and ancient and medieval history.

Henry Weisser, Ph.D. grew up in an Irish-American neighborhood in New York City and earned his Ph.D. from Columbia University. He was a professor of history at CSU for 39 years, where he taught courses on World War II and Irish history. Henry has visited many World War II sites over the years and has frequently visited Ireland, where he taught one semester of Irish history at University College Dublin. Henry is currently a CSU professor emeritus.

Dr. Toni Zimmerman has been on the faculty in the Department of Human Development and Family Studies at CSU for 28 years. She is a University Distinguished Teaching Scholar and is well published in the area of diversity and inclusion in the field of family therapy. Toni has sailed with Semester at Sea as a faculty member and counselor, and she most recently served as the academic dean on the Fall 2016 voyage.
Tips, Tricks and Techniques in Photoshop
OSHR 2022 001

Mondays
Instructor: Murth Murthy
Dates: Sept. 9, 16, 23, 30, Oct. 7, 14, 21, 28 (8 weeks)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 20 participants  |  Cost: $60

This course is for students who have already taken a Photoshop class at OLLI or who have been using Photoshop and want to learn new techniques to improve and enjoy their quest to do more, with ease. This class will provide you with step-by-step instructions to enhance your photographs and advance further in your capability with Photoshop. In each class you will receive handouts that describe the techniques to help you complete your project. You will also discover the many hidden capabilities of Photoshop that make using it a snap.

Beginning Oil Painting for the Absolute Beginner
OSHR 2006 001

Mondays
Instructor: Jeanne Mackenzie
Dates: Oct. 28, Nov. 11, 18, Dec. 2, 9, 17 (6 weeks)
(no class Nov. 4 or 25)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 20 participants  |  Cost: $90

Jump into the wonderful world of oils – be fearless in tackling the mystique of this wonderful art form. Whether you’re a beginner or you want to refresh your oil painting skills, this class provides an exciting and fun environment in which to learn. In additional to covering the basics of oil painting and its materials, this class will help you become familiar with color mixing and painting techniques. Gain confidence in the painting experience while encouraging your own creative style.

Contemporary Masters: Artists on the Leading Edge
OSHR 2041 002

Tuesdays
Instructor: Margaret Sharkoffmadrid
Dates: Nov. 12, 19, Dec. 3, 10, 17 (5 weeks)
(no class Nov. 26)
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $50

This course will focus on the artists and architects on the leading edge of global, contemporary visual art and architecture. Their visual statements are powerful, they’re in the news right now, and they’re sure to be in the art history texts of the future. Class discussions will concentrate on recent and current artists and architects, and the format of the class will be illustrated lecture and discussion with optional readings from online publications. The five class topics include: Architectural Sculpture or Sculptural Architecture?, What Happened to Painting?, Art and the Environment, Digital Media, and The Creative Souls Among Us.
More Drawing FUNdamentals—Bringing Out Your Inner Artist!
OSHR 2021 001

Wednesdays
Instructor: Carol Marander
Dates: Sept. 18, 25, Oct. 2, 9, 16, 23 (6 weeks)
Time: 12:30 – 3:30 p.m. | Location: CSU Drake Hall
Class Size: 20 participants | Cost: $90

*I sometimes think there is nothing so delightful as drawing.* — Vincent van Gogh

Take your drawing skills to the next level with this fun new drawing class. Participants will learn various drawing techniques using graphite pencils, pen and ink, and various other drawing implements. Learn how to draw what you see. Enhance your knowledge of using line, value, shape, pattern, and repetition in your drawings. Gain skill with composition, perspective, and proportion. Examples of drawings through the ages will be presented. This is a beginner/intermediate-level course.

Why Is THAT in the Art Museum?
OSHR 2055 001

Wednesdays
Instructor: Sally Purath
Dates: Oct. 30, Nov. 6, 13, 20, Dec. 4, 11 (6 weeks)
(no class Nov. 27)
Time: 10 a.m. – Noon | Location: CSU Drake Hall
Class Size: 40 participants | Cost: $60

Ever wonder why certain images and objects are considered to be great art? Or are you going to be visiting a European or American art museum and want to make more sense out of what you’ll see? This course is an overview of the major types and periods of Western art from the prehistoric to the post-modern. We’ll focus on art’s historical development at each time period, asking why they made that kind of art, and why it changed. You will also receive a one-sheet guide to take to museums.

Special Program
Monet: Presenting an Impression!
OSHR 2042 001

Wednesdays
Instructor: Margaret Sharkoffmadrid
Dates: Sept. 18, 25, Oct. 2, 9, 16, Oct. 22* (6 weeks)
Time: 4 – 6 p.m. | Location: CSU Drake Hall
Class Size: 29 participants
Cost: $130 (non-refundable as tickets are pre-purchased)

The Denver Art Museum’s fall exhibition, “Claude Monet: The Truth of Nature” will be the most comprehensive U.S. exhibition of Monet paintings in more than two decades. In preparation for the field trip to view this exhibition, participants will explore the European art world from 1780-1905, covering Neo-Classicism, Romanticism, Realism, Impressionism, and Post-Impressionism. What were the Impressionists reacting to? Who and what did Impressionism inspire? Course format includes five classroom sessions occurring on Wednesdays, concluding with a *field outing to the Denver Art Museum on Tuesday, October 22. Tuition includes transportation on a CSU chartered bus to and from the museum and special exhibition admission. A docent-led private tour of the exhibition will begin at 3 p.m. For more information about the exhibit, visit: www.denverartmuseum.org/exhibitions/claude-monet
Women in Art History
OSHR 2052 001

**Thursdays**

**Instructor:** Annie Krieg

**Dates:** Sept. 5, 12, 19, 26, Oct. 3, 10 (6 weeks)

**Time:** 10 a.m. – Noon  
**Location:** CSU Drake Hall

**Class Size:** 25 participants  
**Cost:** $60

This discussion-based course examines women’s roles in the visual arts and how art historians have presented and written about women’s contributions to the art world. This course is not an exhaustive overview of global women’s art – rather, we will cater our classes to individual interests as we learn about different elements of feminist art history and the challenge it has presented to patriarchal norms in the art world. We will also examine individual case studies of women artists from different regions and time periods. We welcome anyone interested in learning more about feminism and the arts; class size is limited to promote inclusive and lively discussions.

Introductory Ink Drawing Techniques
OSHR 2046 001

**Thursdays**

**Instructor:** Joe Osmann

**Dates:** Oct. 24, 31, Nov. 7, 14, 21, Dec. 5 (6 weeks)  
*(no class Nov. 28)*

**Time:** 9 a.m. – Noon  
**Location:** CSU Drake Hall

**Class Size:** 20 participants  
**Cost:** $90

At an individual pace, students will explore line contour, crosshatching, and watercolor wash techniques. Develop your subject preferences by exploring line and tonal techniques with pens and washes. Traditional and contemporary methods will be demonstrated and followed by individual instruction. Join us to experience the unique graphic power of this expressive medium.
The Shock of the New: The Last 100 Years of Art History
OSHR 2051 001

**Thursdays**

**Instructor:** Joe Osmann  
**Dates:** Oct. 24, 31, Nov. 7, 14, 21, Dec. 5 (6 weeks)  
(no class Nov. 28)  
**Time:** 1 – 3 p.m.  |  **Location:** CSU Drake Hall  
**Class Size:** 40 participants  |  **Cost:** $60

Touring a modern art museum or gallery can be a daunting experience, but it doesn’t have to be. Starting with the French Impressionists, this course will explore the past century of rapid cultural change driven by technology, war, and the evolving relationships of men and women, both with each other and with society. The visual arts are a powerful avenue toward understanding our recent history. The instructor will encourage observation, class discussions, and debates as you explore this fascinating era.

Baby Steps Through Acrylic Painting  
OSHR 2001 (choose from two sections)

**Fridays**

**Instructor:** Christy Jensen  
**Section 001 Dates:** Sept. 6, 13, 20, 27, Oct. 4, 11 (6 weeks)  
**Section 002 Dates:** Oct. 18, 25, Nov. 1, 8, 15, 22 (6 weeks)  
**Time:** 1 – 4 p.m.  |  **Location:** CSU Drake Hall  
**Cost:** $90  |  **Class Size:** 15 participants

Interested in trying something new, expanding your current skill set, or discovering your own unique style as an acrylic painter? From the basics of fundamental drawing to acrylic strokes and techniques, this course offers something for all who want a positive, encouraging, atmosphere in which to gain confidence as an artist. We will study other artists to analyze their methods, explore various techniques for ourselves, and have fun putting newfound knowledge into practice. Please note that there are two sections available.

Special Program  
Behind the Creative Eye: Local Artists in Residence  
OSHR 1010 002

**Fridays**

**Organizers:** Carol Ann and Gary Hixon  
**Dates:** Sept. 6, 13, 20, 27, Oct. 4, 11 (6 weeks)  
**Time:** 1 – 3 p.m.  |  **Location:** Individual artist studios  
(locations will be provided within one week of start date)  
**Cost:** $75  |  **Class Size:** 15 participants

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 or her studio for two hours of history, demonstration, and discussions. The artists featured for Fall 2019 are:

- Sept. 6: Kirsten Savage – painting  
- Sept. 13: Mel Ristau – kinetic sculpture  
- Sept. 20: Felipe Echevarria – painting  
- Sept. 27: Sue Collentine – pottery  
- Oct. 4: Tom Mills – woodworking  
- Oct. 11: Heather Bartmann and Cynthia O’Neill – clay sculpture
Prompting Our Deepest Writing
OSHR 4011 001

Mondays
Instructor: Veronica Patterson
Dates: Sept. 9, 16, 23, 30, Oct. 7, 14, 21 (7 weeks)
Time: 1 – 3 p.m. | Location: CSU Drake Hall
Class Size: 20 participants | Cost: $70

In his “32 Statements About Poetry,” Marvin Bell writes, “Learning to write is a simple process: read something, then write something; read something else, then write something else. And show in your writing what you have read.” As you write poetry and nonfiction, you’ll discover further how others’ work can inspire (and incite!) what you most need to write. We’ll write during class and draw ideas from discussing effective pieces of writing. You’ll create and read work each week (prose or poetry) and turn in work for comment on weeks 2, 4, and 6. New writers welcome.

What the Book Jacket Doesn’t Tell You
OSHR 4035 001

Tuesdays
Facilitator: Nancy Hansford
Dates: Tuesdays, Oct. 1, 8, 15, 22, 29, Nov. 5 (6 weeks)
Time: 10 a.m. – Noon | Location: CSU Drake Hall
Class Size: 35 participants | Cost: $60

In this course, you’ll hear from accomplished authors as well as an anthropologist, a poet, a runner, and a commercial photographer as they reveal the often unexpected and always entertaining stories behind their work.

October 1: A practicing anthropologist for 20 years, Jeannette Mobley is an interim head of the Department of Anthropology at Front Range Community College and has penned *Katrina’s Wish*, winner of the Colorado Book Award. An avid historian, she has many stories and insights to share.

October 8: Meet award-winning writer Margaret Mizushima, author of the Timber Creek K-9 Mystery series. The series features K-9 Deputy Mattie Cobb, her dog Robo, and veterinarian Cole Walker. Together, they solve crimes.

October 15: If you think poets couldn’t possibly be interesting, you haven’t met Dan Beachy-Quick, head of the CSU English Department. He’s returning to our class after so many students thoroughly enjoyed his mesmerizing talk last fall. His newest book of poems, *Variations-Dawn-Dusk*, will be the starting point of his leap into conversation.

October 22: If you start running at age 40 and continue running, and winning, through age 82, you’ll be keeping up with Libby James, Fort Collins icon, runner, and author of *Still Running*. Winning countless events over the years, she shattered the U.S. Masters record in the 80-84 age division two years ago.

October 29: An acclaimed local author with an international reputation, Laura Resau will talk about her latest in a string of award-winning novels, *Tree of Dreams*, inspired by her numerous trips to the Andes.

November 5: Tim O’Hara, a well-known commercial photographer, rounds out our series. Throughout a successful 37-year career, he says he has “been paid to experience what many of us would willingly pay to experience.”
Perk Lecture

How to Tell Stories that Matter
OSHR 3006 001

Wednesday
Lecturer: Mary Roberts
Date: Sept. 11
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Stories connect us, increase our empathy, and expand our understanding of a situation and help us dive a little deeper into the stories of our past, guiding us as we figure out why we are who we are, and why we do what we do. There are several types of personal stories, and in this course we will look at three: origin stories, phoenix stories, and everyday personal stories. Participants will get an opportunity to construct their own story with the three crucial elements of conflict, transformation, and takeaway.

The Craft of Novel Writing – Basic
OSHR 4026 001

Wednesdays
Instructor: Chuck Barrett
Dates: Oct. 30, Nov. 6, 13, 20, Dec. 4, 11 (6 weeks)
(no class Nov. 27)
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 25 participants  |  Cost: $60

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 your novel.

PUMP Up Your Novel!
OSHR 4027 001

Wednesdays
Instructor: Chuck Barrett
Dates: Oct. 30, Nov. 6, 13, 20, Dec. 4, 11 (6 weeks)
(no class Nov. 27)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 20 participants  |  Cost: $60

This course is designed for individuals who have completed or nearly completed a fiction manuscript. Each week, students will submit up to three pages of their manuscript for critique and discussion on ways to pump up their writing through conflict, point of view, setting, characters, word choice, and much more. This class will help you ramp up your writing skills and your story.

87% of OLLI learners report their activities helped them feel more capable and well-rounded.
Writing One-of-a-Kind Essays  
OSHR 4006 001  
**Thursdays**  
_Instructor:_ Sara Hoffman  
**Dates:** Sept. 5, 12, 19, 26, Oct. 3, 10 (6 weeks)  
**Time:** 10:30 a.m. – 12:30 p.m.  
**Location:** CSU Drake Hall  
**Class Size:** 30 participants  
**Cost:** $60  
The traditional term “personal” essays implies TMI (too much information), so for the sake of this class, we’ll call them “one-of-a-kind” essays. Writers tell stories about people, places, or events that have touched their lives – stories no one else could tell in precisely the same way. The list of possible topics is broad, but could include how you made a difficult decision, your bravest or weakest moments, or how you met your best friend. We’ll discuss and read published essays and do writing exercises that introduce us to the craft.

Best American Poetry 2019  
OSHR 4016 001  
**Thursdays**  
_Instructor:_ Chloé Leisure  
**Dates:** Oct. 24, 31, Nov. 7, 14, 21, Dec. 5 (6 weeks)  
_(no class Nov. 28)_  
**Time:** 4 – 6 p.m.  
**Location:** CSU Drake Hall  
**Class Size:** 15 participants  
**Cost:** $65  
**Recommended Text:** _The Best American Poetry 2019_ (available September 2019)  
In this course, we will read and discuss the selected poems and poets included in the 2019 edition of _The Best American Poetry_. Guest editor and poet Major Jackson is said to “make poems that rumble and rock” (Dorianne Laux), so this anthology is sure to impress with some of the year’s “most defining, striking, and innovative poems and poets.” We will write our own poems in response to the themes, styles, and forms we encounter in these contemporary poems, striving to innovate and stretch our creative impulses. New writers welcome.

Story to Stage: Script Writing for Everyone  
OSHR 4045 001  
**Thursdays**  
_Instructor:_ Natalie Scarlett  
**Dates:** Sept. 12, 19, 26, Oct. 3, 10, 17 (6 weeks)  
**Time:** 4 – 6 p.m.  
**Location:** CSU Drake Hall  
**Class Size:** 20 participants  
**Cost:** $60  
This course will take a traditional approach to playwriting by focusing on character development and narrative structure. Each week’s assignment will introduce another element of craft, including dialogue, action, obstacles, characterization, and motivations. Through exercises and constructive workshopping, you’ll learn to tell the stories that matter to you with drama, conflict, or comedy. In addition to lectures and in-class exercises, each week you may be tasked with creating work to be read aloud by the group. By hearing your piece aloud, as scripts are meant to be experienced, you’ll be able to perfect your short play. At the end of the course, your scenes will be performed by a group of local actors. This class is for all levels, from the seasoned scriptwriter to the beginner.

Margaret Attwood Turns Eighty  
OSHR 4001 001  
**Thursdays**  
_Instructor:_ Sara Hoffman  
**Dates:** Oct. 24, 31, Nov. 7, 14, 21, Dec. 5 (6 weeks)  
_(no class Nov. 28)_  
**Time:** 10:30 a.m. – 12:30 p.m.  
**Location:** CSU Drake Hall  
**Class Size:** 30 participants  
**Cost:** $60  
**Recommended Text:** _The Testaments_ (available after Sept. 10)  
Just in time for author Margaret Atwood’s 80th birthday (November 18) comes the much-anticipated publication of her sequel to _The Handmaid’s Tale_, titled _The Testaments_. This class will examine Atwood’s writing style and subject matter in both books, as well as in her other works. Scheduled for release on September 10, _The Testaments_ takes place 15 years after _The Handmaid’s Tale_. Atwood has published 16 other books of fiction, as well as with poetry, short stories, and, believe it or not, children’s books. She lives in Toronto, Canada.
The Heart of Story: Telling Stories that Matter
OSHR 4046 001

Thursdays

Instructor: Mary Roberts
Dates: Oct. 24, 31, Nov. 7, 14, 21, Dec. 5 (6 weeks) (no class Nov. 28)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 20 participants  |  Cost: $60

Our personal stories help us unwind the past and understand the present. When we discover the heart of the story, we change. We all have these stories – this class will help you uncover their secrets and wisdom. We will spend our time exploring the three crucial elements of a compelling story: conflict, transformation, and why your story matters. Students choose a story at the first class and stay with it for the duration of the course.

The Gift of Your Story: Writing a Spiritual Autobiography
OSHR 4022 001

Fridays

Instructor: Laurie Gudim
Dates: Sept. 6, 13, 20, 27, Oct. 4, 11 (6 weeks)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 30 participants  |  Cost: $60

As you remember your life, what moments rivet your attention? When have you felt closest to a transpersonal sense of meaning and relationship? In this course we will explore how to capture and communicate the treasure of experience and wisdom hidden in the events of our lives. Whether cherished as a precious statement of your relationship with that which is holy or shared with those you care about as a legacy, this autobiography is your spiritual legacy.

What Our Dreams Teach
OSHR 4023 001

Fridays

Instructor: Laurie Gudim
Dates: Oct. 25, Nov. 1, 8, 15, 22, Dec. 6 (6 weeks) (no class Nov. 25)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 30 participants  |  Cost: $60

As we explore the dream theories of Carl Jung and his followers, we will mine the images in our own dreams 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 through working with our dreams?

I absolutely love learning about new ideas and taking on challenges. Thank you so very much for enriching my life as an older adult.
Perk Lecture

Managing Transboundary Water Along the U.S.–Mexico Border: Progress and Problems
OSHR 3091 001

Monday
Lecturer: Steve Mumme (CSU Society of Senior Scholars)
Date: Oct. 14
Time: 3 – 4:30 p.m.
Location: First Presbyterian Church, 531 S. College Ave.
Class Size: 40 participants | Cost: $5

Today, at a time of tension in U.S.–Mexico relations, the management of shared water resources is one of the success stories. This lecture examines the current state of U.S.–Mexico water relations with a focus on recent controversies over water allocation on the Colorado River and the Rio Grande, including recent progress in the area of binational sanitation cooperation.

Perk Lecture

From the Silk Road to the Karakoram Highway
OSHR 3022 001

Wednesday
Instructor: Robertt Michael
Date: Sept. 11
Time: 10 a.m. – Noon | Location: CSU Drake Hall
Class Size: 40 participants | Cost: $5

Bob Michael is among the few Americans who have traveled the Karakoram Highway between the old Silk Road city of Kashgar (in far western China) over the 15,500-foot Khunjerab Pass to the Hunza Valley of northernmost Pakistan. Perhaps the world’s most spectacular mountain road, the mountain scenery rises from merely enormous in China to a crescendo of savage sublimity in the Pakistan Karakoram range, the home of K2. In addition to learning what it takes to complete this journey, this course will touch on the geology that gave us these awesome mountains, and the plight of the Uyghur people in China.

Special Program

2020’s Challenges to the United States — Foreign and Domestic
OSHR 6022 001

Mondays
Instructor: John E. Roberts, Dan S. Ward, Robert Lawrence
Dates: Oct. 21, 28 (2 weeks)
Time: 10 a.m. – Noon | Location: CSU Drake Hall
Class Size: 40 participants | Cost: $20

As we enter into the “Roaring Twenty-Twenties,” what sorts of challenges could we face as a nation – specifically challenges to U.S. leadership and the ability and will of the nation to continue? We need to do more than identify our “enemies, foreign and domestic,” but also find ways to rise to the challenge that many of these internal and external forces demand. Three very different viewpoints (Eeyore, Pollyanna, and Brilliant Dude) will consider what “great foreign expectations” are in store for the United States of America in the coming decade.
Perk Lecture

Decarbonizing the Economy
OSHR 3011 001

Wednesday
Instructor: Rick Casey
Date: Sept. 11
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Decarbonizing the U.S. economy may be the best shot we have at mitigating the effects of climate change. This course will discuss the Citizens’ Climate Lobby’s ten years of lobbying Congress, and their economic strategy for using a carbon tax combined with a rebate program to create a revenue-neutral policy with broad bipartisan appeal (and the largest climate caucus). More effective than a cap-and-trade approach, this program offers the superior advantage of allowing for direct citizen involvement for those wishing to take personal action on climate change.

Social Media, Privacy, and the First Amendment
OSHR 6035 001

Wednesdays
Instructor: Richard Alper  |  Advisor: Robert Lawrence
Dates: Sept. 18, 25, Oct. 2, 9, 16, 23, (6 weeks)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 30 participants  |  Cost: $60

This course will explore the pros and cons of social media use upon the exercise of the First Amendment, free press and speech rights, and where (and why) some governments block users from accessing these online platforms. The course will also look at social media regulation and the various forms it might take; whether and how a social media company could strike a reasonable balance between public disclosure and a privacy focus; and to what extent the individual consumer waives data protection and privacy rights when he or she signs a social media service agreement. The course will include lectures, guest presentations, discussions, and video clips.

Special Program

Central America: Bridging Cultures
OSHR 1016 001

Wednesday
Host: The Global Village Museum
Date: Sept. 18
Time: 1 – 3 p.m.
Location: Global Village Museum, 200 W. Mountain Ave.
Class Size: 40 participants  |  Cost: $20

The Global Village Museum of Arts and Cultures presents Central America: Bridging Cultures. This main-gallery exhibit brings to life the fascinating artwork and cultures of Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Belize, and El Salvador. An accompanying program series with professors from Colorado State University and the University of Northern Colorado will address the history of Central America, Panama and the Panama Canal, protected areas of Central America, and the politics of the region. Come experience the seven countries that form the bridge between North and South America.
The Osher Lifelong Learning Institute at CSU works to grow and connect with our community and continue to provide our members with quality learning and social experiences.

Since you have experience with the OLLI program at Colorado State University, you already know the value the institute adds to our community. OLLI affords our members the ability to attend interesting and engaging classes taught by knowledgeable and professional instructors. It provides our members the opportunity to meet other community members who attend classes and have similar interests. We are constantly building upon our relationships with our instructors and members to create the best learning environment.

The Osher Program Support Fund and the Stawarski Osher Excellence Fund provide much-needed support that allows us to enhance offerings, provide scholarships, and continue to make OLLI at CSU an exceptional program. Thank you to all that generously contribute to support our initiatives. If you haven’t yet donated, please consider a gift. Every gift helps our program grow so we can continue to provide engaging courses.

You may donate to OLLI online at www.advancing.colostate.edu/osh or by mail using the enclosed envelope.

An OLLI at CSU Legacy Story
Cathy Stawarski loves CSU and is a true believer in the value of lifelong learning and supporting learning opportunities for all ages. She even participated in multiple learning opportunities of her own after earning her doctorate. She used those learning opportunities to remain current and relevant in her work. Cathy’s belief in lifelong learning and her love of Colorado State University are what led her to establish the Cathy Stawarski Osher Excellence Scholarship. This is a current fund that will be enhanced with a legacy gift from Cathy’s estate and will support CSU’s OLLI program for years to come.

Are you ready to create your own legacy for the CSU OLLI program?
The CSU Office of Gift Planning works with donors and their advisors to design a gift plan that most effectively accomplishes the donors’ charitable goals in light of their individual financial and estate-planning needs.

Contact giftplanning@colostate.edu or (970) 491-3414 to start exploring the possibilities.
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Courses continued on next page →
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**Tuition Assistance:** If financial hardship is preventing you from enrolling in Osher courses, you are encouraged to apply for tuition assistance. Visit www.usher.colostate.edu or call the Osher office at (970) 491-7753 for the application form or if you have additional questions.

**Special Accommodation:** if you require a reasonable accommodation in order to participate in Osher courses please contact the Osher office in advance of the first class session.

**Thank YOU for joining the Osher Lifelong Learning Institute – we value your support!**

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<td>History of Rock and Roll (OSHR 7010)</td>
<td>$80</td>
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<td><strong>Music, Theatre and Film Perk Lecture</strong></td>
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<td>Jazz: Inside the Mystery... (OSHR 3032)</td>
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<td><strong>Music, Theatre and Film Special Program</strong></td>
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<tr>
<td>Cinema du Jour (OSHR 7001) <strong>Section 001</strong></td>
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<td>Cinema du Jour (OSHR 7001) <strong>Section 002</strong></td>
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<td><strong>Nature, Science, and Technology Courses</strong></td>
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<td>Aha! Discoveries of Life and Learning (OSHR 8016)</td>
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<td>Discover the Magic of Antarctica (OSHR 8001)</td>
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<td>The Eclectic Reflection Series (OSHR 8002)</td>
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<td>Geology and Geologic History... (OSHR 8021)</td>
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<tr>
<td>Modern Cosmology: News from Out There (OSHR 8040)</td>
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<td>People of the Names (OSHR 8006)</td>
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<td>Reading the Daytime Sky: Clouds (OSHR 8036)</td>
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<td>Triumph Over Technology (OSHR 8011)</td>
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<td>Ancient Bristlecones... (OSHR 3027)</td>
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<td>The Geology, Technology, and Risks of Fracking (OSHR 3111)</td>
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<td>Giant Sequoia... (OSHR 3026)</td>
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<td>The Nuclear Option (OSHR 3001)</td>
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<td>Photographing Nature... (OSHR 3086)</td>
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<td>Supercharging Your Business... (OSHR 3101)</td>
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<td><strong>Health and Wellness Course</strong></td>
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<td>Your Microbiome (OSHR 8026)</td>
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<td><strong>Health and Wellness Perk Lecture</strong></td>
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<td>Memory and the Human Brain (OSHR 3033)</td>
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<td><strong>Health and Wellness Special Program</strong></td>
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<tr>
<td>Fundamentals of a Healthy Kitchen (OSHR 9005)</td>
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**Mail:** Osher Lifelong Learning Institute, 2545 Research Blvd., Fort Collins, CO 80526

**Tuition Assistance:** If financial hardship is preventing you from enrolling in Osher courses, you are encouraged to apply for tuition assistance. Visit www.usher.colostate.edu or call the Osher office at (970) 491-7753 for the application form or if you have additional questions.

**Special Accommodation:** if you require a reasonable accommodation in order to participate in Osher courses please contact the Osher office in advance of the first class session.

**Thank YOU for joining the Osher Lifelong Learning Institute – we value your support!**

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2545 Research Blvd.
Fort Collins, CO. 80526
(970) 491-7753
Fax: (970) 491-7885
www.usher.colostate.edu
Due to our growing membership and increasingly full classes the Value-Added Draw is changing for the fall 2019 term.

Current Osher members who have registered for at least one fall term course are eligible to submit an entry into the drawing for one tuition-free course, valued at $60, based on availability. Members will select two possible course options in order of preference. Entry form must be received no later than 4 p.m. Thursday, August 29, 2019 in the Osher office at CSU Drake Hall, 2545 Research Blvd., Fort Collins, CO. 80526.

The form is also available at the Osher office, online at: www.osher.colostate.edu, or at the Fall Open House on August 29, 2019, 2–4:00 p.m., at CSU Drake Hall.

The drawing will be held on August 30, 2019, at which time ten Osher member Value-Added Draw forms will be randomly drawn. Selected members will be notified within five working days that they were selected for one of the tuition-free classes listed on the entry form and based on space availability.

Please note: Perk lectures, courses valued greater than $60 and special programs are exempted as value draw options.

Course number and title (please rank by order of preference):

1. ____________________________________________________________

2. ____________________________________________________________

Full Name: __________________________________________________

Email: _______________________________________________________

Address: ____________________________________________________

City, State, ZIP: _______________________________________________

Phone: _______________________________________________________

Visit www.osher.colostate.edu to register online
The Supreme Court’s “New Normal”
OSHR 6040 001

Wednesdays
Instructor: Eric Waples
Dates: Oct. 16, 23, 30, Nov. 6, 13, 20 (6 weeks)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 30 participants  |  Cost: $60

What is likely to become the new normal regarding Constitutional interpretation and justice voting patterns in the post-Kennedy U.S. Supreme Court? Will the Court become the Roberts Court in both name and reality? How will the recent addition of Justices Gorsuch and Kavanaugh affect personal alliances, methods of Constitutional interpretation, and case outcomes? Will the Court now be even more inclined to discard or reinterpret long-standing precedents, issue broad rather than narrow-scope rulings, and aggressively assert its dominant role within the three branches of government? We will explore the issues above in the context of current cases.

Perk Lecture

From Ship to Shore: Broadening Your Horizon Through Travel
OSHR 3016 001

Wednesday
Facilitator: Audra Brickner
Panelists: Dr. Oscar Felix, Dr. Toni Zimmerman, Doug Carter, and Marcela Riddick
Date: Oct. 2
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Semester at Sea is paving the way in global education by offering the opportunity to travel the world. Every semester, approximately 600 students, faculty, staff, and lifelong learners sail around the world on a ship to 10-12 countries. Since 1963, more than 68,000 individuals from 1,700 institutions have traveled to more than 60 countries with Semester at Sea and its predecessor programs. In this panel discussion, you’ll hear from four seasoned travelers as they reflect on their experiences sailing around the world on a Semester at Sea voyage.

Special Program

Día de los Muertos
OSHR 1017 001

Wednesday
Host: The Global Village Museum
Date: Oct. 30
Time: 1 – 3 p.m.
Location: Global Village Museum, 200 W. Mountain Ave.
Class Size: 40 participants  |  Cost: $20

A captivating and compelling Day of the Dead display at the Global Village Museum of Arts and Cultures showcases individual and community altars. Day of the Dead, or Día de los Muertos, is a holiday commemorated throughout Mexico as a time for remembering family members and friends who have passed away. It is a festive occasion – a time to celebrate and honor those who made an impression on our lives. The Global Village Museum pays tribute to the occasion by opening its main gallery to altars created and designed by the Northern Colorado community.
Perk Lecture

Seapower: To Rule the World
OSHR 3021 001

Wednesday
Instructor: Dan S. Ward
Date: Oct. 30
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Sea power has been recognized for easily two centuries as being the key to world, or at least regional, dominance. It is with sea power that you get to build the greatest of empires. So, what is the current status of the U.S. control of the seas? What are the challenges in regional hegemony (e.g. China, Russia, Europe, and Japan)? This Perk lecture will include the history, current status, and future of sea power, and the rule of the United States within it.

A Virtual Tour of the Holy Land
OSHR 5021 001

Wednesdays
Instructor: Rabbi Hillel Katzir
Dates: Oct. 30, Nov. 6, 13, 20, Dec. 4, 11 (6 weeks)
(no class Nov. 27)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

Israel and Palestine, and especially Jerusalem, are home to many holy sites of the three Abrahamic religions, Judaism, Christianity, and Islam. Thanks to the wonders of the Internet, we will take a virtual tour of the land and many of the holy sites of all three religions (and even a fourth, Baha’i) from the comfort of our own classroom and at a fraction of the cost of an actual visit. With the help of online photos and videos, we will see what these sites look like and talk about their history, the role they plays in their faith traditions, and their current situation, including the sites’ roles in relations between these faith traditions.

Perk Lecture

A Workshop on Conversations That Bridge Gaps
OSHR 3105 001

Thursday
Instructor: Bill Hunter
Date: Sept. 5
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

This interactive two-hour workshop will help participants encourage and enrich conversations, and therefore, relationships. Participants will learn and practice listening and questioning skills that can break through barriers including electronic-device addictions and different cultures, ages, genders, histories, beliefs, and worldviews. Through meaningful and interesting conversations with other participants, we will learn and practice:

- Seeking to understand first
- Listening with fresh ears
- Making room for others to talk
- Helping others express their thoughts and feelings
Perk Lecture

Israel–Palestine: An Update
OSHR 3031 001

Thursday
Instructor: Rabbi Hillel Katzir
Date: Sept. 5
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Much has happened since Rabbi Hillel presented a class on Israel–Palestine and the prospects for peace in Spring 2019, including an Israeli election, a looming leadership succession in the Palestinian National Authority, ongoing violence along the Israel–Gaza border, and unrest in the West Bank and holy sites in Jerusalem. Rabbi Hillel was in Israel in March and April and is offering an update on all of these topics, and on efforts to bring peace to this troubled area.

Special Program

International Current Events Roundtable
OSHR 5000 002

Thursdays
Instructors: John E. Roberts
Dates: Oct. 3, 10, 17, 24, 31, Nov. 7, 14, 21 (8 weeks)
Time: 1:30 – 3:30 p.m.
Class Size: 25 participants  |  Cost: $80
Location: Community Foundation of Northern Colorado

Recommended Reading: Daily news items from newspapers, the Internet, and international news magazines such as The Economist and Foreign Affairs

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’re interested in learning and sharing ideas, concepts, and interpretations related to worldwide current events (and you’re willing to actively participate over an eight-week period), this roundtable is for you!
Perk Lecture
The Paris Peace Conference of 1919
OSHR 3036 001

Friday
Instructor: Bruce Pauley
Date: Sept. 13
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

This year marks the centennial anniversary of the Paris Peace Conference and the signing of the Treaty of Versailles, and we are once again living in an age of nationalism and ethnic hatreds that were so common 100 years ago. Among many other topics, this presentation will discuss the benefits and disadvantages of the treaty, including how the boundaries drawn for the new countries of East-Central Europe did not closely conform with President Wilson’s promise of “self-determination,” how nonexistent nationalities were simply created on paper, and how power and political considerations were largely ignored by the victorious U.S. and Britain.

The Prophets of the Hebrew Bible: What They Were, and Why They Still Are Today
OSHR 5022 001

Fridays
Instructor: Rabbi Hillel Katzir
Date: Fridays, Sept. 6, 13, 20, 27, Oct. 4, 18 (6 weeks)
(no class Oct. 11)
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

The prophets of the Hebrew Bible were misunderstood in their own time, and in many ways they still are. This course will look at the books of Joshua, Judges, Samuel, and Kings (the “early prophets” in the Hebrew Bible) and the books named for 15 prophets from Isaiah to Malachi (the “later prophets” in the Hebrew Bible). We will examine what they were, what they were not, and why their words are still important today. Students should bring a Bible (any edition) to each class meeting.

Over the Rainbow and into the Mainstream: Lesbian and Gay History in America
OSHR 5027 001

Fridays
Instructor: Rita Kissen
Dates: Sept. 13, 20, 27, Oct. 4, 11, 18, (6 weeks)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

According to a recent Pew Research Center survey, 4 in 10 Americans have a gay or lesbian relative or close friend. Yet throughout our history, lesbian and gay people have struggled for legal and social equality, while at the same time building a community of pride and resistance. This course will explore LGBT history from the closeted 1950s, through the AIDS crisis of the 1980s and 90s, and into the political and social challenges of the new millennium. Along the way, we’ll meet some remarkable heroes, including LGBT Coloradans and their allies who have made a difference for all of us.

2020 Geopolitics
OSHR 6017 001

Fridays
Instructor: John Roberts, Dan Ward
Date: Oct. 18, 25, Nov. 1, 8, 15, 22, (6 weeks)
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

What can we expect in international relations in the coming decade? If history is any guide, we can use geopolitics (location, resources, culture, language, and relevant histories) to give us some insights. We will apply our understandings to the empires, semi-empires, and would-be empires now straddling the world and try to estimate where the world is heading ... in a handbasket or otherwise. Primary players will include, in subsequent weeks, the United States, China, Russia, Europe, the Middle East, and other challengers and rising states. With 20/20 foresight, there might even be some startling predictions.
Enlightenment Now – A Discussion Group  
OSHR 4030 001  
Mondays  
Instructor: Dan S. Ward  
Time: 10 a.m. – Noon | Location: CSU Drake Hall  
Dates: Nov. 4, 11, 18, Dec. 2, 9, 16 (6 weeks)  
(no class Nov. 25)  
Class Size: 40 participants | Cost: $60  
This is a discussion group on the book Enlightenment Now: The Case for Reason, Science, Humanism, and Progress, by Steven Pinker. This is an important book for our age, and understanding, challenging, and coming to grips with its important message(s) is essential. As Pinker writes, “If you think the world is coming to an end, think again: people are living longer, healthier, freer, and happier lives, and while our problems are formidable, the solutions lie in the Enlightenment ideal of using reason and science.” Or maybe not.

The U.S. in the 1980s  
OSHR 6001 001  
Mondays  
Instructor: Hal Smith  
Dates: Sept. 9, 16, 23, 30, Oct. 7, 14 (6 weeks)  
Time: 1 – 3 p.m. | Location: CSU Drake Hall  
Class Size: 40 participants | Cost: $60  
This course will examine the 1980s decade in the U. S. and will suggest answers to some of the key questions about that period. Did a Reagan Revolution occur and, if so, what did it entail? Why was President Reagan so committed to tax cuts? How did Reagan’s antigovernment views affect Title IX’s enforcement? How did Reagan’s deregulation policy affect environmental regulations? How did immigration policy change in the 1980s? Why did Reagan advocate eliminating nuclear weapons? Was Reagan responsible for the Soviet Union’s demise and the Cold War’s end?

History of World War II  
OSHR 6006 001  
Mondays  
Instructor: Henry Weisser  
Time: 1 – 3 p.m.  
Dates: Oct. 28, Nov. 4, 11, 18, Dec. 2, 9 (6 weeks)  
(no class Nov. 25)  
Class Size: 40 participants  
Cost: $60 | Location: CSU Drake Hall  
The impact of World War II has been felt for generations, and has been featured in countless books, films, and documentaries. Most people taking this class will come into it with some prior knowledge of the subject. The war’s origins and all its major events and campaigns will be covered, and the controversies over some of them will be discussed.
An Introduction and Preview of the 2020 U.S. General Election
OSHR 6021 001

**Mondays**

**Instructor:** David Caputo  
**Dates:** Oct. 14, Nov. 4 (2 weeks)  
**Time:** 3:30 – 6 p.m.  |  **Location:** CSU Drake Hall  
**Class Size:** 40 participants  |  **Cost:** $20  

This course is a precursor to two more extensive courses in Spring and Fall 2020 that will deal with the primary process and the presidential election. You will learn party nominating rules, analyze various strategies, and discuss the advantages and disadvantages of the various candidates. In addition, you will learn why the prenomination process is so important and what it means for the candidates, their parties, and the nomination process itself. The class stresses understanding the processes in a nonpartisan manner.

Colorado Mines, Mills, and the Rise and Fall of Mining Towns
OSHR 6011 001

**Tuesdays**

**Instructor:** Kenneth Jessen  
**Dates:** Oct. 29, Nov. 5, 12, 19, Dec. 3, 10 (6 weeks)  
(no class Nov. 26)  
**Time:** 10 a.m. – noon  |  **Location:** CSU Drake Hall  
**Class Size:** 40 participants  |  **Cost:** $60  

Get a better understanding of the reasons for Colorado’s early economic growth and the primary reason the state was established. This course presents the historic background of mining towns (and their growth and subsequent abandonment) as well as mining and milling technology and examples of mills. These sessions will cover the majority of the state’s minerals, including gold, silver, molybdenum, coal, uranium, iron, and gypsum, as well as stone quarries.

The History of Ireland
OSHR 6007 001

**Tuesdays**

**Instructor:** Henry Weisser  
**Dates:** Sep. 10, 17, 24, Oct. 1, 8, 15 (6 weeks)  
**Time:** 1 – 3 p.m.  |  **Location:** CSU Drake Hall  
**Class Size:** 40 participants  |  **Cost:** $60  

Although Ireland is a small country, it has a fascinating history, particularly to the tens of millions of Irish-Americans. This course will cover Ireland from prehistoric times to the 21st century. The struggle for independence, the Irish in America, and Northern Ireland will be major topics.

"Osher classes allow me to revisit topics of interest and never experienced, brand-new topics in a stimulating environment."
Special Program

Beets, Beavers, and Bandits: Early History of Larimer County
OSHR 6012 001

Tuesdays
Instructor: Kenneth Jessen
Dates: Oct. 29, Nov. 5, 12, 19, Dec. 3, 10 (6 weeks)
(no class Nov. 26)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $70

Discover the dynamic history of Larimer County as we explore its first humans, trails, early industries, towns, water resources, and pioneers. Class includes a half-day field trip (Dec. 3) to historic sites within Larimer County. Weekly discussion topics will include a detailed review of:

• First humans – Paleo-Indians, French trappers, the Colorado Territory, statehood, and the founding of Larimer County
• Transportation – The Cherokee and Overland Trails, toll roads, pioneer roads, and the development of railroads
• Industries – Logging, stone, plaster, alabaster, bricks, sugar beets, cherries, peas, and the opening of the tourist trade
• Water resources – Early ditches, water works, the Colorado–Big Thompson Project, crime, and the development of post offices
• Founding of towns – Namaqua, Laporte, Fort Collins, Loveland, Berthoud, Estes Park, and pioneer schools
• History Lost, History Saved – Larimer County pioneers and historic preservation

Tsars and Stars of Old Russia: Tales of Woe and Excess
OSHR 6030 001

Tuesdays
Instructor: Sally Purath
Dates: Oct. 29, Nov. 5, 12, 19, Dec. 3, 10 (6 weeks)
(no class Nov. 26)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

Never having to say you’re sorry could be the motto of the tsars in Russian history. From Vladimir, who shopped for a religion, to the Greats (Ivan, Peter, and Catherine), to the Alexander who beat Napoleon, to the last tsar Nicholas who threw it all away, Russian rulers had too much power and no brakes. This class will be an overview of Russian history to 1917, concentrating on the absolute rulers that absolutely no one would want to be ruled by.

Great Decisions – Shaping U.S. Foreign Policy: Putting the Pieces Together
OSHR 5005 001

Tuesdays
Instructor: Kay Easley
Dates: Nov. 5, 12, 19, Dec. 3 (4 weeks)
Time: 1 – 3:30 p.m.  |  Location: Drake Hall
Class Size: 18 participants  |  Cost: $50
Required Text: Great Decisions 2019 (Available for purchase at the first class. Cost: $25.)

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. Participants are encouraged to present additional research within the seminar/discussion format. Topics include:

• Refugees and global migration
• The Middle East
• Nuclear negotiations
• Decoding U.S.–China trade
The Great Turning and You
OSHR 5026 001

Tuesdays
Instructor: Rick Casey
Dates: Nov. 5, 12, 19, Dec. 3, 10, 17 (6 weeks)
(no class Nov. 26)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

This course will explain a new theory of human history and the recent trend toward globalization through the lens of a gender-based perspective combined with a more truthful examination of the history of empires. Drawing on profound research by living authors who undertook the large task of explaining the current morass of social, environmental, and political complexities by looking deep into history, it will hopefully instill a new understanding of the linkages between patriarchy, climate change, and the rise of corporate power. The lessons here can be applied to many current issues and will hopefully inspire you to contribute to the “Great Turning” away from the current destructive path of economic policies based on unlimited growth.

Geology and Geologic History of Colorado
OSHR 8021 001

Wednesdays
Instructor: Frank G. Ethridge
Dates: Sept. 18, 25, Oct. 2, 9, 16, 23 (6 weeks)
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

This course is designed to give non-geologists the knowledge and skills to understand the geology and geologic history of Colorado and appreciate the 2.7 billion years involved in its history. Lectures and practical hands-on exercises will enhance your understanding of the processes responsible for the formations of the rocks and geologic features that contribute to Colorado’s spectacular scenery. Minerals, rocks, and fossils common to Colorado will be available for examination. Exercises will involve the use of basic geologic principles, topographic and geologic maps, cross sections, and images to interpret the geologic history of selected areas of our state, especially along the Front Range.

Visit www.oshers.colostate.edu to register online
Perk Lecture

Reinvent Your Life: Envision, Execute, and Experience Your Ideal Life
OSHR 3037 001

Wednesday

Instructor: Ed Goodman
Date: Dec. 4
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

In this session, attendees will be exposed to a process to define their dream future and build a plan to make this dream a reality. Based on decades of working with Fortune 100 companies and countless individuals, Mr. Goodman will present a new creative thinking model, “spiral thinking,” that enables people to use whole-brain thinking to become unstuck from their current circumstances and see a way forward toward their happiest life. Attendees will be given free access to a Life on Purpose” or Happiness Express “toolkit that is easy to use. This is a fun, inspirational session that will help anyone imagine and experience a pathway toward their unfulfilled dreams.

Grief and Loss: Coping in a World without Our Beloved
OSHR 9035 001

Thursdays

Instructor: Dr. Jennifer Aberle
Dates: Sept. 19, 26, Oct. 10, 17, (4 weeks)
(no class Oct. 3)
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $40

Much has been taught and written about death, dying, and grief experiences. Yet so much mystery remains as we encounter these incredible life experiences for ourselves. Perhaps this is because dying, death, and grief are so wonderfully unique and contextually rich that they can’t be encapsulated in a single theory or practice. This course examines grief through the lenses of human development, culture, spirituality, and the many experiences and beliefs people hold about life and death. You will learn what grief is and how to cope with loss, as well as strategies for helping others who are grieving. The class format will be semi-lecture style with participant engagement and discussions.

Slavery, Antislavery, and the Sectional Crisis in the United States
OSHR 6016 001

Thursdays

Instructor: David Danbom
Dates: Oct. 31, Nov. 7, 14, 21, Dec. 5, 12 (6 weeks)
(no class Nov. 28)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

Slavery was the central problem in the United States following the American Revolution and the achievement of independence. While whites of the Southern states came to see the institution as essential to their economic prosperity and social survival, Northerners, prodded by a growing antislavery movement, increasingly perceived it as an affront to republican and Christian values and an embarrassment to the nation. The federal government struggled to close the gap between the sections through compromise, but it failed. The result was the Civil War, the defining event in American history.
Perk Lecture
How to Put Your Family History in Historical Context
OSHR 3051 001

Friday
Instructor: Bruce Pauley
Date: Oct. 11
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

This class is for genealogists of all experience levels who lack family documents and therefore find themselves at a dead end after having traced the birth and death dates of their ancestors. Find out what sources you might not have considered, and learn about topics such as ancestral home towns and provinces, the possible reasons people came to the U.S., the length and conditions of trans-Atlantic voyage, possible problems involved in assimilation, the length and quality of education related to the averages at the time, types of jobs that were held, the national and regional economic and social problems that immigrants faced, and many other issues.

Japan: After the Battle of Midway
OSHR 6013 001

Fridays
Instructor: Dr. Isaac Eliachar
Dates: Nov. 1, 8, 15 (3 weeks)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $30

Join us for a special series of fascinating discussions about Japan after Pearl Harbor, building on Spring 2019 lectures. The three historical talks included in this course are:

• After the Battle of Midway: What Next? – The ensuing battles around the Solomon Islands presented the Japanese with a final opportunity to inflict a devastating strategic defeat on the U.S. Pacific Fleet. They failed!
• The Weekend of Japan’s Desperate Defensive Resistance – After an ardent debate at U.S. headquarters, a two-pronged advance plan was set in motion. The U.S. Navy leaped over and through the Eastern Pacific Islands.
• Overwhelmed, Japan Surrenders to Occupation – By mid-1945, the Japanese suffered a string of pivotal defeats. Ruin of the Japanese naval and merchant fleets combined with strategic firebombing of its home islands wrecked Japan’s war economy.
The Folk Tradition in American Music from Bill Monroe to Bob Dylan
OSHR 7005 001

Mondays
Instructor: Tim Thomas
Dates: Sept. 9, 16, 23, 30, Oct. 7, 14 (6 weeks)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

This course examines the contributions and influences of early folk music on rock, focusing on bluegrass, country, and blues. Using audio and video clips as well as classroom performances, students will hear and examine the instruments that make the sounds of folk music, including mandolins, banjos, dobros, and various types of guitars.

From Flatt and Scruggs to Jamgrass and Beyond
OSHR 7006 001

Mondays
Instructor: Tim Thomas
Dates: Oct. 21, 28, Nov. 4, 11, 18, Dec. 2, (6 weeks)
(no class Nov. 25)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

Until 1945, when Lester Flatt and Earl Scruggs joined Bill Monroe’s Bluegrass Boys, what we now call bluegrass and country music was just a subgenre of folk music. This course focuses on the postwar growth of the country music industry, the folk revival of the 1950s and 60s, the birth of alternate and outlaw country, as well as the thriving contemporary Americana music scene. There will also be a brief review of folk music.

History of Rock and Roll
OSHR 7010 001

Tuesdays
Instructor: Jack Rogers
Dates: Sept. 10, 17, 24, Oct. 1, 8, 15, 22, 29 (8 weeks)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Cost: $80  |  Class Size: 40 participants

An examination and facilitated conversation on the history of rock and roll, from its origins in traditional American styles to its breakthrough to the mainstream in the 1950s, its flowering in the 1960s, and its splintering in the late 1970s into a myriad of styles that we will examine. The course will explore the individual decades, iconic personalities, and cultural context of the artists, music, and time periods.

69% of OLLI learners say their learning opened new perspectives about their lives
Special Program

Cinema du Jour
OSHR 7001 (Choose from two sections)

**Instructor:** Joannah L. Merriman

**Location:** The Lyric, 1209 N. College Ave.

**Class Size:** 30 participants | **Cost:** $110

**Section 001: Tuesdays**

**Section 001 Dates:** Oct. 29, Nov. 5, 12, 19, Dec. 3, 10
(6 weeks) (no class Nov. 26)

**Section 001 Time:** 11 a.m. – 2 p.m.

**Section 002: Wednesdays**

**Section 002 Dates:** Oct. 30, Nov. 6, 13, 20, Dec 4, 11
(6 weeks) (no class Nov. 27)

**Section 002 Time:** Noon – 3 p.m.

Join us for film viewing and post-film discussions at The Lyric. We will watch films with unique storylines and observe filmmaking techniques that often vary from the standard studio fare. After each cinematic adventure, we'll gather together for intriguing discussions of these thought-provoking films. This is not a history of film course, and movies may be subtitled and carry various ratings. Two sections available; tuition includes theater admission.

🌟 Perk Lecture

**Jazz: Inside the Mystery of Improvisational Leadership**
OSHR 3032 001

**Wednesday**

**Instructor:** Ed Goodman

**Date:** Nov. 6

**Time:** 4 – 6 p.m. | **Location:** CSU Drake Hall

**Class Size:** 40 participants | **Cost:** $5

In this session, attendees will watch video recordings of world-class jazz artists. Following the recordings, Mr. Goodman will present an insider’s view of what is actually happening inside of a jazz ensemble. How do they communicate? What is expected of the performers? How does this relate to leadership, followership, and team building? Discover the magic and unmask the mystery behind jazz – this is a fun, active, music-filled program that will bring a whole new appreciation for this art form.
Perk Lecture

The Nuclear Option
OSHR 3001 001

Monday
Lecturers: Dan S. Ward, Robert Lawrence
Date: Sept. 9
Cost: $5  |  Class Size: 40 participants
Time: 10 a.m. – Noon  |  Location: CSU Drake Hall

The “nuclear option” is an extreme and fundamental tool in diplomacies between great powers, and also in intimidating lesser powers. But is the nuclear threat all that serious? Is there any real possibility that we might intentionally (or accidentally) use nuclear weapons? Can nuclear weapons be used tactically without the potential for mutually assured destruction? Do we have the ability to survive a nuclear attack? These are some of the questions posed in this Perk lecture. And who knows? The answers just might move the Doomsday Clock back a few minutes or so.

Perk Lecture

Photographing Nature–Animals, Birds, Flowers, Stars
OSHR 3086 001

Monday
Lecturer: Ralph Smith (CSU Society of Senior Scholars)
Dates: Sept. 9
Time: 3 – 4:30 p.m.
Location: First Presbyterian Church, 531 S. College Ave.
Class Size: 40 participants  |  Cost: $5

This presentation will provide tips about taking photos in a number of natural settings. The talk will be about making best use of participants’ equipment and environment, plus encouragement to go into nature and find interesting subjects to record.

Special Program

A Day with a Naturalist at the Zoo
OSHR 1040 002

Monday
Lecturer: Kevin J. Cook
Date: Sept. 23
Time: 9:30 a.m. – 3:30 p.m.
Location: Denver Zoo, 2300 N Steele St., Denver, CO
Class Size: 35 participants  |  Cost: $70

Just looking at a horse and a rhinoceros, or a heron and a crane, may not reveal the similarities that make the pairs relative, but having the details pointed out by someone who knows what to look for can make the invisible more obvious. Rather than strolling the whole zoo, this field trip will focus on seeing – truly seeing! – specific traits of certain animals that we’ve all heard about but may not really understand. You may have visited a lot of zoos a bunch of times, but you haven’t really been to a zoo until you’ve been there with a naturalist.
Discover the Magic of Antarctica
OSHR 8001 001

Mondays
Instructor: Jim Collinson
Dates: Oct. 28, Nov. 4, 11, 18, Dec. 2, 9 (6 weeks)
(no class Nov. 25)
Time: 1 – 3 p.m.   |   Location: CSU Drake Hall
Class Size: 40 participants   |   Cost: $60

Mr. Collinson’s firsthand stories from his 17 expeditions to Antarctica, along with stunning photographs and maps, document this course. Topics include:

• Geography, glaciers, mountain ranges, the Southern Ocean, climate and climate change
• Territorial claims, Cold War politics, and the Antarctic Treaty
• Exploration led by early explorers including Roald Amundsen, Robert F. Scott, Ernest Shackleton, and Richard E. Byrd
• American presence in Antarctica
• Geology, paleontology, and plate tectonics
• Wildlife
• “Sinfonia Antartica” by Vaughan Williams
• Tourism, with an overview of cruises and a virtual tour of the Antarctic Peninsula by cruise ship

Perk Lecture
Supercharging Your Business with the Right IT
OSHR 3101 001

Monday
Lecturer: Rajiv Mehta (CSU Society of Senior Scholars)
Date: Nov. 11
Time: 3 – 4:30 p.m.
Location: First Presbyterian Church, 531 S. College Ave.
Class Size: 40 participants   |   Cost: $5

Trillions of dollars are being expended on new information technologies each year – artificial intelligence, 5G, cloud computing, quantum computing, and the Internet of things, to mention a few. Advances in these technologies are at the very brink of being viable. The final missing pieces are being researched, assembled, and readied for deployment. The past 40 years are destined to appear as archaic as the steam engine. Here is an opportunity to participate over the next two decades and see explosive growth in your business.

Perk Lecture
The Geology, Technology, and Risks of Fracking
OSHR 3111 001

Monday
Lecturer: Harry Mueller (CSU Society of Senior Scholars)
Date: Dec. 9
Time: 3 – 4:30 p.m.
Location: First Presbyterian Church, 531 S. College Ave.
Class Size: 40 participants   |   Cost: $5

In the current boom in fracking for oil and natural gas, the combination of necessary geological parameters, state-of-the-art well design, careful volume control, and pressure gradients dramatically reduce the risks of surface and near-surface impact. Risks are more associated with the transport of materials to and from the well site, as well as the disposal of fluids produced from the wells. This course will discuss topics related to fracking, including its technology, geology, and risks.
People of the Names
OSHR 8006 001

Tuesdays
Instructor: Kevin J. Cook
Dates: Sept. 10, 17, 24, Oct. 1, 8, 15 (6 weeks)
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $60

If you spend time outdoors, you’ve seen a Steller’s jay lurking in a Douglas fir and a Clark’s nutcracker perching atop an Engelmann spruce. The obvious question is, who were Steller, Douglas, Clark, and Engelmann? In these names, biology, geography, and history merge through the processes of discovery and learning. The names of people assigned as identity names to wildlife are known as “eponyms,” and every eponym preserves a story of exploration as a quest for knowledge about the life with which we share this planet. This class will reveal and explore these seldom-told stories specific to Colorado.

Triumph Over Technology: An Introductory Overview of Today’s Digital Tools
OSHR 8011 001

Tuesdays
Instructor: Andrea Bazion
Dates: Sep. 24, Oct. 1, 8, 15, 22 (5 weeks)
Time: 1 – 3 p.m.  |  Class Size: 40 participants
Cost: $60  |  Location: CSU Drake Hall

Release your fears of living in the digital age. Learn to navigate and use your smartphone, apps, video chat tools, photo and document sharing apps, cloud storage, social media, and more while protecting your privacy and preparing your digital estate plan. This course combines prerecorded video lessons with live instruction for a hands-on, blended learning experience. Includes in-class exercises and additional take-home resources. Requires the ability to independently use a mouse, keyboard, and touch screen, manage personal email, and complete a basic Internet search (i.e. “Google” something). Students are encouraged to bring their own laptops, tablets, and/or smartphones to complete exercises in class.
Aha! Discoveries of Life and Learning
OSHR 8016 001

Tuesdays
Instructor: Kevin J. Cook
Dates: Oct. 22, 29, Nov. 5, 12, 19, Dec. 3 (6 weeks)  
(no class Nov. 26)
Time: 4 – 6 p.m. | Location: CSU Drake Hall
Class Size: 40 participants | Cost: $60

The conflict between knowledge and folklore has been and still remains quite the battlefield. The discovery that germs trigger disease threatened the credibility of aristocratic doctors bound to the folklore of miasma, and they used their social standing to suppress and even punish those who challenged them. Many people still cling to folkloric beliefs about vaccinations. In other arenas, knowledge challenged folkloric beliefs about animal behavior and opened doors to concepts of relatedness. This class will examine essential discoveries about life and explain how these great discoveries forever changed humanity.

Reading the Daytime Sky: Clouds
OSHR 8036 001

Wednesdays
Instructor: Dennis Lamb
Dates: Nov. 13, 20, Dec. 4 (3 weeks) (no class Nov. 27)
Time: 4 – 6 p.m. | Location: CSU Drake Hall
Class Size: 40 participants | Cost: $30

What comes to mind when you see a dark cloud approaching? Will you get drenched, or is that cloud not ready to release a load of water on you? What about those beautiful lacy clouds passing high overhead? Where did they come from, and what “good” are they? The answers to such questions help us “read” the sky – that is, interpret what the eye beholds. In this course you will learn not only the names of clouds, but what makes them produce storms, rain, snow, and hail.

Special Program
A Day with a Naturalist at the Museum
OSHR 1050 002

Wednesday
Lecturer: Kevin J. Cook
Time: 9:30 a.m. – 3:30 p.m.
Date: Oct. 16
Class Size: 35 participants
Cost: $70
Location: Denver Museum of Nature and Science

Dioramas allow the eyes to stroll about preserved and mounted specimens; as the eyes stroll, the mind can travel to distant time and unvisited places. Natural history museums offer more than dreams and imagination – research collections offer an unequaled opportunity to comprehend wildlife to a new degree. This field trip to the Denver Museum of Nature and Science will show how to get more from dioramas and reveal what behind-the-scenes research collections can do that dioramas cannot.
Modern Cosmology: News from Out There
OSHR 8040 001

Thursdays
Instructor: Ed Friedman
Dates: Sept. 5, 12, 19, 26, Oct. 3, 10, 17, 24 (8 weeks)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Cost: $80  |  Class Size: 40 participants

This course examines the recent revolution in cosmology and astrophysics. This is not your typical astronomy course – we won’t have much to say about our solar system. Instead, we’ll focus on the big picture, using material culled from recent professional journals. (The course includes an optional reading list and recommended YouTube videos.) Topics will include:

• Geometry of the cosmos
• Dark energy and dark matter
• Detection of planets in other star systems
• New observational methods, including gravitational waves
• Life (and death) near a black hole
• Updates on the latest discoveries as they occur
• Unanswered questions in cosmology and how they’re being attacked

Perk Lecture
Ancient Bristlecones: Their Ecology and Story of Survival
OSHR 3027 001

Thursday
Lecturer: Tim Buchanan
Date: Oct. 3
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Ancient bristlecone pines capture our imagination with their age and ability to survive. This pictorial presentation lecture records Tim Buchanan’s visit to the Ancient Bristlecone Pine Forest and Schulman Grove visitor center, located in the Inyo National Forest of California. Detailed information about the identification, ecology, growth, and threats to the Great Basin bristlecone will be presented.

Perk Lecture
Giant Sequoia: The Amazing Story of the World’s Largest Tree
OSHR 3101 001

Thursday
Lecturer: Tim Buchanan
Date: Oct. 10
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

Giant sequoia, the world’s largest tree, is an amazing species with a fascinating natural history. This pictorial lecture records Tim Buchanan’s visit to groves of giant sequoias in California. Detailed information will be presented about the giant sequoia’s identification, ecology, growth, and threats.

64% of OLLI learners say their learning helped them make new friends.
Special Program

The Eclectic Reflections Series
OSHR 8002 001

Fridays

Lecturer: Robert Meroney
Dates: Nov. 1, 8, 15, 22, Dec. 6 (5 weeks)
(no class Nov. 25)
Time: 1 – 3 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $50

Join us for a series of eclectic talks, including:

• People Types and Tiger Stripes – What is your personality type when judged by the Myers Briggs Temperament Indicator?
• Where on Earth Am I? – Aristotle argued that the Earth is a sphere because the edge of its shadow during a lunar eclipse is always curved. Was he right?
• Old Age Ain’t No Place for Sissies – Who’s old and who isn’t? Who’s the oldest person in history? (Adam was 930 years old...Methuselah was 969 years old?) Who’s currently the oldest?
• The Prevalence of Fraud, Scams, Humbug and B.S. – In this digital age, we’re all subjected to a tsunami of information designed to defraud, scam, misinform, misdirect, or distort reality.
• The Black Mountain Man – James Pierson Beckwourth (1798-1866) was born a slave in Frederick County, Virginia. He was widely known for his tall tales about himself; he was deemed the “Gaudy Liar.”

Perk Lecture

Space Exploration
OSHR 3056 001

Friday

Lecturer: Dan S. Ward
Date: Nov. 15
Time: 4 – 6 p.m.  |  Location: CSU Drake Hall
Class Size: 40 participants  |  Cost: $5

This course will provide an update on the human race’s quest to reach for the stars, from celestial observations to drones, unmanned vehicles, and people setting foot on any place other than Earth. There is a newfound willingness among many different nations to make their mark in space, which may lead to a new space race – and in the process, create new and ever more astounding technologies. This is just the prelude to a continuum of amazing discoveries and possibilities.
Special Program

**Fundamentals of a Healthy Kitchen**

**OSHR 9005 001**

**Mondays**

**Lecturer:** Sapna Von Reich  
**Date:** Sept. 16, 23, 30, Oct. 7, 14, 21* (6 weeks)  
**Time:** 10 a.m. – Noon | **Location:** CSU Drake Hall  
**Class Size:** 30 participants | **Cost:** $60

This course teaches you some basics of good everyday nutrition. Processed foods, hidden sugars, leafy greens, herbs, and spices are just some of the topics we’ll be discussing, and we’ll go deeper each week on these themes to prove that good nutrition is not an expensive hobby to have. Even small changes in our nutrition can create big impacts on our health, and the more clean and delicious food you eat, the better you will feel. The last class meeting in this course will be a grocery store tour with the instructor. Weekly topics include:

- Processed Food and Hidden Sugar  
- Superfoods and Leafy Greens  
- Food as Medicine: Fight the Inflammation  
- Instant Pot Basics  
- Herbs and Spices for Good Health  
- Learn How to Navigate the Grocery Store* (field trip)

**Your Microbiome**

**OSHR 8026 001**

**Mondays**

**Instructor:** Holly Manley  
**Dates:** Nov. 4, 11, 18, Dec. 2, 9, 16 (6 weeks)  
(no class Nov. 25)  
**Time:** 10 a.m. – Noon | **Location:** CSU Drake Hall  
**Class Size:** 35 participants | **Cost:** $60

Everyone has a microbiome – in fact, you’d be dead without it. It consists of about 100 trillion cells that are our friendly commensals: bacteria, fungi, and other microbes that keep us healthy in many ways. From our skin, mouths, nose, guts, and more, these helpful microbes outnumber our body cells 10 to 1. The roles they play in our health are diverse, and may be partly responsible for diabetes, obesity, autoimmune diseases, asthma, cancer, and many other conditions. Research in this field is the new hot topic in health; some scientists rank it with stem cells as one of the most promising areas of research. Others equate our microbial inhabitants to a newly recognized organ involved in metabolism, brain chemistry, immunity, and nutrition.

**Perk Lecture**

**Memory and the Human Brain**

**OSHR 3033 001**

**Friday**

**Lecturer:** Dr. Amy Smith  
**Date:** Sept. 27  
**Time:** 10 a.m. – Noon | **Location:** CSU Drake Hall  
**Class Size:** 40 participants | **Cost:** $5

Have you ever wondered why you can have a word or number on the tip of your tongue but can’t quite remember it? Or why you can recall phone numbers but not yesterday’s news? In this lecture, we’ll uncover some of the cornerstone secrets to how our brains work and how memories are created, stored, and recalled. Come join us as we travel through some of the mysteries of the mind and how our brains work.
What Our Members Say

Love getting to use my brain!

Always something new to explore!

I am amazed at the array of courses!


The courses remind me of what I liked most about going to college!

Intellectually stimulating.
Thank you
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