OSHER LIFELONG LEARNING INSTITUTE

UC San Diego

Enrichment Through Lifelong Learning

Winter 2017

Register online at olli.ucsd.edu
“The most difficult thing in the world is to listen, to see. We don't want to see. Do you think a capitalist wants to see what is good in the communist system? Do you think a communist wants to see what is good and healthy in the capitalist system? Do you think a rich man wants to look at poor people? We don't want to look, because if we do, we may change. We don't want to look. If you look you lose control of the life that you are so precariously holding together. And so in order to wake up, the one thing you need the most is not energy, or strength, or youthfulness, or even great intelligence. The one thing you need most of all is the readiness to learn something new.”

-Anthony de Mello, Awareness

Anthony de Mello died in 1987, and some of his examples are obviously from that time. Perhaps we could substitute “democratic socialist” for “communist.” Today we might ask: can a person who wants security and a closed society see what is good and healthy in openness and freedom and vice versa? Can those who appreciate the excitement of globalization and multicultural meritocracy see what frightens people who want their lives and communities unchanged and thus better understand their values?

Osher at UC San Diego is a place to critically learn and discuss these points of view. It is a place to listen to intellectually and emotionally challenging lectures. Can we truly hear what Brian Keating is suggesting when he talks about the Multiverse, or Sam Rickless’s challenging approach to The Equal Protection and Due Process Clauses, Eli Berman’s discussion of Economics and Terrorism, or Kate Butler talking about Picasso and Matisse? Go to a seminar to discuss The South after Reconstruction, or dig into a challenging novel featured in the class on contemporary literature. In each case, “you need most of all the readiness to learn something new.”

Welcome to the 2017 Winter Quarter. It will be good to see our snowbird friends back here escaping the cold and snow and bringing their perspectives with them, and also to meet new members just now joining us.

Jim Wyrtzen
President
Osher Lifelong Learning Institute
Osher Lifelong Learning Institute invites all who are 50 years of age or older to renew their enthusiasm for learning in a relaxed environment. Designed and run by its members, Osher offers a stimulating program of classes, seminars, lectures, and discussion groups, entirely free of the pressures of grades and exams. Classes are taught by distinguished faculty, scholars, and community and national leaders in an array of subjects: history, art, science, literature, economics, politics, medicine, and many more. Live drama, music, and movies add to the choices. Osher members choose as many or as few activities as they wish; there are no requirements.

Enrichment through lifelong learning—that’s Osher.

Membership benefits include:

- Use of UC San Diego’s libraries, cafeterias, and other facilities
- Access to Osher’s online video archive of lectures
- Discount on some UC San Diego Extension courses
- Eligibility to audit many regular UC San Diego courses on a no-fee, space-available basis with permission from the instructor
- Quarterly catalog of all classes, programs, trips, and special events
- Some university events at discount rates
- With a UC San Diego student affiliate ID card (available to all Osher members for a one-time charge of $15 in building C), members are eligible for various local discounts

For more information about becoming an Osher member at UC San Diego, contact the Osher office:

Location: 9600 N. Torrey Pines Road
UC San Diego Extension Campus
Rubinger Center Bldg. D
La Jolla, CA 92093-0176

Office Monday–Friday
Hours: 8:30 A.M.–3:30 p.m.
Telephone: (858) 534-3409
Fax: (858) 534-4928
Email: olli@ucsd.edu
Website: olli.ucsd.edu
Classes Monday–Friday
Hours: 10:00 a.m.–12:00 p.m. and 1:00–3:00 p.m.

This is a membership organization.

Prorated Annual Membership $230
Winter Quarter Membership: $160
Monthly Membership: $75

Registration can be completed online at olli.ucsd.edu or with Extension Student Services, Building C.
See page 46 for more details.

Parking and transportation - see page 45

Affiliate Membership

Join Osher as an Affiliate Member to receive access to our extensive online video library of lectures. For individuals who are unable to attend classes on campus, this is a convenient option that allows participation in the program and continued enrichment through lifelong learning.

Fee $25 per year.

For more information OR to JOIN TODAY:
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**Upcoming Events:**

**Academic Calendar**

Winter Quarter: January 9–March 17, 2017

**Key Events**

- Open House: January 7, 9:30 a.m.
- Master Class Registration: December 15, 10 a.m.

Participating in this educational program does not in itself provide preference in admission to the University of California degree programs. Students interested in applying to UC degree programs should refer to the UC Admissions website or the admissions office of the UC campus they wish to attend for details about the admissions process.
Program

MASTER CLASSES

Master Class I: Infinity Is a Long Time, Especially Toward the End: A Brief History of the Multiverse

Professor Brian Keating

Cosmology is perhaps the oldest science, addressing fundamental questions of existence. This lecture series introduces modern cosmology, the study of the origin, composition, and evolution of the universe. Topics include the size and age of the universe; the Cosmic Microwave Background; the composition of the universe (ordinary matter, dark matter, radiation, dark energy); and an overview of the inflationary universe. The course culminates with a description of the origin of time and the “Arrow of Time.” Why does time “flow” only in one direction? Will the universe end, and if so in “fire” or in “ice”? And lastly, is ours the only universe?

January 11: Expansion, Density, Destiny: Einstein and Hubble

The discovery of the expanding universe in the 1920s overthrew the origin stories of the previous two millennia. The founding of the Big Bang model of the universe relies on the observations of the cosmic “shrapnel” unleashed in the very beginning of the universe. The discovery made by Hubble and others served up what Einstein called his biggest “blunder” — the universe was not static after all.

January 18: The Dark Side: Dark Matter and Energy

What we see is not all there is. Most of the universe in fact is “dark,” non-interacting with the ordinary matter with which we are familiar. This lecture describes the bulk universe and its implications for the far distant future.

January 25: Fossil Relics in the Sky: The Cosmic Microwave Background

The oldest light in the universe provides the backlight through which we can better glimpse the Big Bang and possibly beyond. This lecture introduces the Cosmic Microwave Background and details its use as the most precise tool in the kit of modern cosmologists.

February 1: Time Keeps on Slipping into the Future: The Arrow of Time

By now we have seen that the origin and evolution of the universe seem to proceed in a relatively orderly fashion. But why, and for how long? This lecture connects the microscopic physics of the universe with the arrow of time and sets the stage for the final discussion of the ultimate fate of the universe.

February 8: Back to the Beginning: The Inflationary Universe and the Multiverse

We conclude with a lecture on the cutting-edge physics of inflation, which seems, inevitably, to lead to a Multiverse — the startling prediction that ours might not be the only universe that exists!

Presenter: Professor Brian Keating is an astrophysicist with UC San Diego’s Department of Physics. He and his team develop instrumentation to study the early universe at radio, microwave, and infrared wavelengths. After receiving his PhD from Brown University in 2000, Keating did postdoctoral research at Stanford University and was an NSF Postdoctoral Fellow at Caltech before coming to UCSD in 2004. He received the 2007 Presidential Early Career Award for Scientists and Engineers for a telescope he developed at the U.S. South Pole Research Station. Keating co-leads a collaboration operating the Simons Observatory telescope in the Atacama Desert of Chile.

Coordinator: Steve Clarey

Time/Date: W 10:00 a.m.-12:00 p.m., Jan. 11-Feb. 8
Location: Rm. 129, UCSD Extension Complex
Master Class II: Case Studies in Legal Interpretation: The Equal Protection and Due Process Clauses of the Fourteenth Amendment

Professor Sam Rickless

The Fourteenth Amendment promises all persons in the United States the due process of law and equal protection of the laws. Ever since the Amendment was ratified (in 1868), generations of judges and legal scholars have struggled to interpret and apply the very general concepts of “due process” and “equal protection.” In this five-lecture series, we will begin by becoming more familiar with the United States Constitution and with the various challenges faced by those who seek to understand it. We will consider two main approaches to constitutional interpretation, the textualism of Antonin Scalia and the “principled” reading of Ronald Dworkin. We will then test these approaches against famous equal-protection and due-process cases that have come before the United States Supreme Court, cases involving de jure discrimination by race, de jure discrimination by sex, and government infringement of the right to privacy.

February 15: What the Constitution Says


February 22: What the Constitution Means

The Constitution of the United States: We now know what it says. But how should its terms be interpreted and applied to situations that its framers and ratifiers never anticipated? We will look at two dueling theories of constitutional interpretation: (i) Textualism, and (ii) the Constitution of Principle.

March 1: Race and the Fourteenth Amendment

The Equal Protection Clause of the Fourteenth Amendment: Does it permit de jure racial segregation? Does it permit, or proscribe, affirmative action?

March 8: Sex and the Fourteenth Amendment

The Equal Protection Clause of the Fourteenth Amendment: Does it permit discrimination by government on the basis of sex? Should race discrimination and sex discrimination be treated similarly?

March 15: Does the Constitution Protect a Right of Privacy?

The Due Process Clause of the Fourteenth Amendment: Does it protect a fundamental right to privacy? If so, why? Should this right be understood to protect the decision to use contraceptives? The decision to obtain an abortion? The decision to engage in sexual practices of which the majority of voters disapprove? The decision to marry a person of the same sex?

Presenter: Sam Rickless is Professor of Philosophy at UC San Diego. He earned a BA from Harvard, attended Oxford on a Marshall Scholarship, and received his PhD from UCLA. His areas of research include early modern Western philosophy, ancient Greek philosophy, the philosophy of law, and the philosophy of language.

Coordinator: Mark Evans

Time/Date: W 10:00 a.m.-12:00 p.m., Feb. 15-Mar. 15
Location: Rm. 129, UCSD Extension Complex

Master Class Registration for the Winter Quarter

Opens Thursday, December 15 at 10 AM
Register Online (olli@ucsd.edu), Call 858-534-3400, or in person at Extension Student Services (Building C)
How New Cures and Therapies are Developed: The Story of Translational Medicine

Allan Kleinman

Did you ever wonder how new and effective cures and therapies for devastating diseases are discovered and become part of standard medical practice? This lecture series will provide an overview of the process. We will focus on five topics: (1) observing a disease to develop hypotheses about the underlying disease mechanisms and possible treatments or cures; (2) designing biological experiments using laboratory animals to test hypotheses about disease mechanisms and cures; (3) carrying out human clinical trials to demonstrate safety and effectiveness and to obtain FDA approval for the new lab test, drug, or device; (4) overcoming obstacles in order to achieve an approved and reimbursable new standard of care for preventing and treating the disease; and (5) exploring the future of medicine with an eye to potential developments that look promising.

January 12: Generating Hypotheses

This class will discuss the leading causes of death and suffering; the CDC network for monitoring infectious diseases; the generation of hypotheses from observations, population studies, large databases, new instruments, and serendipity; and the pathways of metabolic/molecular interaction.

January 26: Testing Hypotheses

The class will cover the process for testing hypotheses using a range of laboratory animals; a “day in the lab” virtual tour, including protocols, reagents, equipment, and instrumentation; hard proof versus statistics/chance for testing hypotheses to a specified degree of statistical significance; and intellectual property, patent, and publishing issues for generated results.

February 9: Clinical Trials: Human Testing

The third class will cover creating and coordinating teams of biologists, physicians, and volunteer patients; the three-phased FDA-guided approach to approval; patient enrollment, how to find a trial, and patient stories; and ethical issues for human experiments, history of abuse, and institutional review boards.

February 23: Transition to Standard of Care

The fourth class will address the challenges of overcoming resistance to change in the medical community; making medical practitioners aware of, and training them to use, new diagnostics and treatments; laboratory certification for new diagnostic tests and analyses; getting Medicare and insurance companies to approve payments; the formal test laboratory-certification process; and the cost effectiveness of new tests, treatments, and cures.

March 9: The Future of Medicine

The final class will address so-called “P4 medicine:” predictive, preventive, personalized, and participatory. Predictive medicine aims to determine one’s propensity to a disease based on genetic testing, proteomics, and metabolomics. Preventive medicine seeks to avoid the onset of a disease by encouraging patients to make lifestyle changes (adjusting diet, adding exercise, stopping smoking, reducing stress) and by using monitoring devices linked to doctors’ offices. Personalized medicine is designed to get the right treatment to the right patient at the right time. Participatory medicine educates patients so that they can be informed participants in their medical care.
Presenter: Prior to partially retiring in 2005, Allan Kleinman worked as a systems analyst. Over the past 18 years he has been learning about the coming genomics revolution and has organized a series of professional-level lectures on bioinformatics for engineers. He attends Osher classes at Brandeis and UCSD. For the past 11 years he has led courses on energy, wine, individualized medicine, and the human immune system.

Coordinator: Steve Clarey

Time/Date: Th 10:00 a.m.-12:00 p.m., Jan. 12-Mar. 9
Location: Rm. 129, UCSD Extension Complex

The Odd Couple: Exploring the Artistic Dialogue of Henri Matisse and Pablo Picasso

Karen K. Butler, PhD

In this dialogue of opposites, Picasso was messy and crude, flouting all academic rules, while Matisse employed the best materials and methods and adhered to the classical tradition. Their artistic rivalry inspired some of the most significant paintings and sculptures of the twentieth century. This series of three lectures will explore their relationship as well as the broader artistic and historical context for their innovations.

March 3: Engagement: Overturning the Classical Tradition, 1906-1916

When Matisse and Picasso met in 1906, they began an exchange that would come to include Matisse’s Fauve masterpiece, Bonheur de Vivre (1905-06), and Picasso’s proto-cubist Demoiselles d’Avignon (1907), and would ultimately culminate in Picasso’s Cubist period and Matisse’s Piano Lesson (1916). This lecture will give an overview of some of their best-known and most influential early works as well as an introduction to Fauvism and Cubism.

March 10: Rupture: Neo-Classicism and Surrealism, 1917-1933

After World War I, the close rapport between the two artists ended as Matisse moved to Nice and began to paint more naturalistic female nudes, while Picasso, in Paris, employed the violence of Surrealism to create highly erotic, yet threatening female figures. This lecture will examine a transitional period for both artists, who struggled to find new means to revive their artistic practice.

March 17: Revival, Reunion, and Death, 1933-1954

In 1933, Matisse finished The Dance (1933), a mural made for the Barnes Foundation in Merion, Pennsylvania, bringing him back into the vanguard of artistic practice and inaugurating anew his dialogue with Picasso. This lecture will examine their late work, including Matisse’s The Stations of the Cross (1950) and Picasso’s Women of Algiers series (1955), made in homage to Matisse, who died in 1954.

Presenter: Karen K. Butler is an independent scholar and curator. She has held positions as associate curator at the Mildred Lane Kemper Art Museum at Washington University in St. Louis and as an Andrew W. Mellon Fellow studying the works by Henri Matisse at the Barnes Foundation in Philadelphia. She completed her PhD in art history at Columbia University with a specialty in twentieth-century European art.

Coordinator: Joy Urich

Time/Date: F 10:00 a.m.-12:00 p.m., Mar. 3-17
Location: Rm. 129, UCSD Extension Complex
**ACTIVITIES AND EVENTS**

**Early Bird Exercise**

Laura Wolfson

Start your day with some aerobic exercise and a bit of music. These twice-weekly classes will keep your body fit, leave you with a sense of well-being, and put a smile on your face. Join Laura and Herb on Tuesday and Friday from 9:00 to 9:45 a.m. Have fun and feel better all day.

**Facilitator:** Laura Wolfson is a retired nurse. She has previously given these classes on the east coast and at the Glenner Center in Encinitas with great success.

**Tuesdays and Fridays 9:00 - 9:45 a.m.**

Classroom 128

**Time/Date:** Tu&F 9:00-9:45 a.m., Jan. 10-Mar. 17  
**Location:** Rm. 128, UCSD Extension Complex

**Luncheons**

All luncheons take place in Room 128 and begin at 12:00 PM.

**Friday, Jan. 13:** New Members’ Luncheon

**Tuesday, Jan. 17:** Brown Bag Luncheon hosted by the Executive Committee

**Tuesday, Feb. 14:** Brown Bag Luncheon hosted by the Curriculum Committee

**Events**

**Friday, Jan. 20 at 1:00 p.m.:** Council Meeting (everyone invited).

**Friday, Feb. 10 at 2:00 p.m.:** Poetry Café in Room 128 (at the conclusion of Live Music). Come share or come listen: poetry, limericks, meaningful literary pieces. Refreshments will be served.

**Friday, Mar. 3 at 1:00 p.m.:** Council Meeting (everyone invited).

**Field Trips**

**Saturday, Feb. 4 at 10:00 a.m.:** Join us for a private Osher tour of the Craig Venter Institute. A talk about how the Institute was created and some of its current research projects will precede a tour of this ground-breaking research facility. Registration limited. No fee. See page XX for a program description.

**Saturday, Feb. 11 at 8:30 a.m.:** Travel to Los Angeles via chartered bus to visit the famed Petersen Automotive Museum collection of collectible and noted automobiles. The schedule will include a group lunch at a local restaurant. Registration details and a trip schedule will be provided later in the quarter. Registration limited. Fee.

**Saturday, Mar. 11 at 10:00 a.m.:** San Diego Neighborhoods. Join us for a North Park Historical Association walking tour and discussion of how this scrub-covered mesa, dotted by small farms and orchards, has grown to a bustling urban community now celebrated as being hip and historic. Registration required. Fee. Details of the tour and registration procedures will be announced later in the quarter. See page XX for a program description.

**Campus Connection**

Henrietta Farber

This class will explore the exciting campus that surrounds our Osher Institute. The first meeting will be a lecture about the university, including its six colleges, academic programs, faculty, and students. We will discuss the university’s drama and dance offerings, the Geisel Library, the Price Center, and the outdoor sculptures in the Stuart Collection. For the second session we will board the free campus loop bus for a tour of the campus, getting on and off at various stops. On that day, we will meet on the patio at 10:00 a.m., returning at noon. After the tour we can have lunch at the Faculty Club.
Facilitator: Henrietta Farber has been a member of Osher and its predecessor since 1979, when she and her late husband retired to San Diego. After first becoming docents at UCSD, they decided to offer a Campus Connection class to Osher members. The class has been a regular feature of the Osher curriculum ever since.

Tu 10:00 a.m.-12:00 p.m., Jan 17, 24

First session: Classroom 120, UCSD Extension Complex
Second session: Osher Patio

ARTS AND HUMANITIES

Crafting Precious Metals into Art
Professor Arline Fisch

Arline M. Fisch is a master craftsman who fashions precious metals into jewelry and other art objects that can be worn or displayed in a museum. Her work is collected by the Smithsonian Institution, the Metropolitan Museum of Art, London’s Victoria and Albert Museum, and others. Locally she has exhibited frequently at the Mingei International Museum. Her unusual techniques include weaving with metal wire. Fisch will discuss her process and display several pieces of her work.

Presenter: Arline M. Fisch is Professor of Art Emerita at San Diego State University and author of the book Textile Techniques in Metal. She received a BS in Art from Skidmore College and an MA in Art from the University of Illinois before studying abroad under a Fulbright Scholarship. She lectures in North America, Europe, and Asia and leads short-term intensive workshops.

Coordinator: Pat Ford

Time/Date: M 10:00 a.m.-12:00 p.m., Jan. 30
Location: Rm. 129, UCSD Extension Complex

Pritzker Prize Winners from the Inscrutable East
Diane Kane, PhD

This lecture will explore the work of three recent Pritzker Prize-winning modernist architects from China and Japan, where culture, craftsmanship, and materiality strongly inform design. Despite Modernism’s interest in technology and a break from the past, these architects manage to blend tradition, sense of place, and respect for the environment with new forms and insights that make them thoroughly modern yet firmly anchored to place. Meet Japanese architect Shigeru Ban, whose inventive and resourceful designs result in quick, temporary, and affordable solutions for disaster victims; minimalist Japanese architect Toyo Ito, who infuses his designs with a spirituality and poetry resembling air and wind; and Chinese architect Wang Shu, whose architecture explores the relationship between the past and present using salvaged materials and traditional gardening techniques.

Presenter: Diane Kane has taught undergraduate and graduate level courses in European, American, and California Architectural History and City Planning for more than three decades and is a perennial Osher favorite. She is Vice President of Programs for the California Preservation Foundation and received her PhD in Architectural History from UC Santa Barbara.

Coordinator: Steve Clarey

Time/Date: F 10:00 a.m.-12:00 p.m., Feb. 3
Location: Rm. 129, UCSD Extension Complex
Verdi Adapts Shakespeare to the Opera Stage

Nicolas Reveles, DMusA

Popular lecturer and UCSD-TV opera program host Nicolas Reveles returns to interpret the only comic opera composed by Giuseppe Verdi, Falstaff. The comical Sir John Falstaff is familiar to theatergoers from the popular Shakespeare play, Merry Wives of Windsor. Verdi composed two other operas based on the works of Shakespeare, both depicting historical persons who suffered great tragedies. That’s why the character of Falstaff and the ladies who tricked him provide unusual comic relief.

Presenter: Nicolas Reveles is the Geisel Director of Education at San Diego Opera and has been associated with San Diego Opera since 1998. Before joining the opera staff, he was professor of music at the University of San Diego, organist/choirmaster at a number of churches, and director/pianist for the White Oak Dance Program with Mikhail Baryshnikov. He has composed three operas for the education programs for the schools and is the host of Opera Talk on UCSD-TV and the San Diego Opera podcasts online. He has an MA from the University of Redlands and a DMA from the Manhattan School of Music.

Coordinator: Pat Ford

Time/Date: M 10:00 a.m.-12:00 p.m., Feb. 13
Location: Rm. 129, UCSD Extension Complex

The Eye of the Artist or the Eye of the Beholder

Paul Michelson, MD

This talk will explore artists and their artistic styles and techniques, including realism, expressionism, abstractionism, and even optical illusion. The issue to be addressed is the relationship of these artistic styles to known human visual physiology. Do we see what the artist saw or wanted us to see? Do we really see reality? Has evolution of the visual system aided or deceived us?

Presenter: Paul Michelson is a board-certified ophthalmologist who received his medical training at Johns Hopkins University. He has been on the faculty of Harvard Medical School, Head of Ophthalmology at Scripps Clinic Medical Group, and Chief of the Ophthalmology Section of Scripps Memorial Hospital in La Jolla. Recently retired, Michelson continues to consult, teach, and participate in volunteer eye-care projects nationally and internationally.

Coordinator: Sarita Eastman

Time/Date: F 1:00-3:00 p.m., Feb. 17
Location: Rm. 129, UCSD Extension Complex

Opera: Your Favorites and Hollywood’s Choices

Erica Miner

This short series will focus on opera from two different perspectives.

February 21: My Favorite Operas: How Do Yours Compare?

Opera arouses such mad passions from its devotees that it has been called “an art form for sufferers and nut cases.” Those fervent emotions generally stem from personal likes and dislikes, which over the centuries have been contested in heated, even violent, debates. Erica Miner will discuss current opera favorites as well as the most produced operas in the U.S. and worldwide. Audience members will then be invited to discuss their own operatic preferences in what is likely to be a lively, possibly heated, debate.

Give the Gift of Learning

Osher Lifelong Learning Institute
For information on donations or estate planning
(858) 534-3409 olli@ucsd.edu
February 23: Opera Meets Hollywood

Since the dawn of filmmaking, opera music has been ubiquitous in the movies and has been incorporated into films in intriguing ways. Even in present times, the sheer number of opera excerpts used to enrich the overall motion-picture experience is astonishing. Film composers continue to mine the treasure trove of emotions that opera elicits by including arias, ensembles, and overtures from operas of all genres and historical periods in their soundtracks. Using musical and video examples, Miner will discuss how Hollywood has used opera classics to enhance the images we see on the silver screen, with often surprising results.

Presenter: Former Metropolitan Opera Orchestra violinist Erica Miner is now an award-winning screenwriter, author, arts writer, and lecturer. She studied violin at Boston University, where she received her MusB cum laude; New England Conservatory of Music; and Tanglewood Music Center. As a member of the Met Orchestra for 21 years, Miner worked closely with James Levine. Her debut novel won the Fiction Prize in the Direct from the Author Book Awards. Her latest novel, *Murder in the Pit*, chronicles assassination and intrigue at the Met.

Coordinator: Linda Shirer

Time/Date: Tu&Th 1:00-3:00 p.m., Feb. 21-23
Location: Rm. 129, UCSD Extension Complex

An Insider’s Scoop on the Academy Awards

**Andy Friedenberg**

As excitement builds with the Academy Awards approaching at the end of February, the Cinema Society’s Andy Friedenberg will handicap the upcoming Oscar race — including how nominations are determined, the nominees, and the predicted winners.

Presenter: Andy Friedenberg is a member of the Academy of Motion Picture Arts and Sciences. In 1983 he founded the popular San Diego Cinema Society. He graduated from Boston University School of Public Communications with a B.S. in communications, pursued a career in the film industry, and worked with both Columbia Pictures and United Artists as regional publicity/promotional manager. He is frequently heard on local radio and television shows on the subject of motion pictures, and leads film lovers around the country to film festivals and arts tours here and abroad.

Coordinator: Steve Clarey

Time/Date: Tu 10:00 a.m.-12:00 p.m., Feb 21
Location: Rm. 129, UCSD Extension Complex

**Affiliate Membership**

Join Osher as an Affiliate Member to receive access to our extensive online video library of lectures. For individuals who are unable to attend classes on campus, this is a convenient option that allows participation in the program and continued enrichment through lifelong learning.

Fee $25 per year.

For more information OR to JOIN TODAY: [http://olli.ucsd.edu/membership](http://olli.ucsd.edu/membership)  
(858) 534-3400
Zootopia: The San Diego Zoo Celebrates its Centennial

Richard Lederer, PhD

December 11, 2016, marked the centennial of our San Diego Zoo, voted the best in the United States. In celebration of this milestone, San Diego Union-Tribune columnist Richard Lederer will present a brief history of the Zoo and a caravan of animals that run and swim and jump and fly and crawl through our beastly English language.

Presenter: Richard Lederer, whose column appears in newspapers and magazines across the country, is a founding co-host of KPBS’s A Way with Words. He has been named International Punster of the Year and Toastmasters International’s Golden Gavel winner. He is the author of more than 40 books about language, history, and humor. A frequent Osher lecturer, he received his PhD in linguistics from the University of New Hampshire and previously was head of the English Department at St. Paul’s School in New Hampshire.

Coordinator: Linda Shirer

Time/Date: M 10:00 a.m.-12:00 p.m., Feb. 27
Location: Rm. 129, UCSD Extension Complex

The Madness of King George’s Academy: Great Britain’s Royal Academy of Arts, Its Fits, Starts, and Maturity

John Wilson, PhD

In this two-part series John Wilson, former director of San Diego’s Timken Museum of Art, introduces Britain’s most distinguished arts institution, an almost 250-year-old organization that was created to present exhibitions of contemporary art, train aspiring artists, and provide social status for artists in a class-bound society.

March 9: Collecting Wives and Artists: The Arts in Britain from Henry VIII to the Hanoverians, 1500-1750

As Henry VIII imported artists to glorify his reign, with his successors following his example, some of the greatest artists of Europe traveled to London to work for the British crown. The lack of support for native artists led to a drive for a formal art academy that would provide opportunities for British subjects.

March 14: The Golden Age: Art in Britain in the Age of Gainsborough, Turner, and Constable

By the mid-1760s the finest artists working in Britain, by ensuring support of the King, created the outlines and the formal establishment of the Royal Academy of Arts. As with any new organization, there were challenges as the institution grew to maturity, but the art produced from it was instrumental in inspiring some of the greatest of Romantic-era and early-modern art.

Presenter: John Wilson is an independent curator and critic based in San Diego. His writing and projects seek to find connections between the art created in the past and the culture of the present. He earned a PhD from the Courtauld Institute of Art, University of London, and has worked at museums as diverse as the Metropolitan Museum of Art and San Diego’s Timken Museum of Art, where he was director from 2008-2014.

Coordinator: Joy Urich

Time/Date: Th 1:00-3:00 p.m., Mar. 9-14
Location: Rm. 129, UCSD Extension Complex
Comparing World Myths: Sacred Spaces

Professor Page duBois

Following her two previous lectures exploring world mythology, Professor duBois returns to talk about spaces and places that people have designated as sacred, and about the ancient stories, the “myths,” that underlie that sacredness. The discussion will include the Garden of Eden, the Buddha’s Bodhi Tree, sacred places of indigenous peoples, and other mythical places such as Valhalla in Norse Mythology.

Presenter: Page duBois, Distinguished Professor of Classics and Comparative Literature in UC San Diego’s Literature Department, received her BA from Stanford University and her PhD from UC Berkeley. Her most recent book is A Million and One Gods: The Persistence of Polytheism, published by Harvard University Press in 2014.

Coordinator: Linda Shirer

Time/Date: M 10:00 a.m.-12:00 p.m., Mar. 13
Location: Rm. 129, UCSD Extension Complex

Open for Business: Building the New Cuban Economy

Professor Richard Feinberg

In this lecture, Richard Feinberg returns to Osher to discuss his new book on the Cuban economy and on policy priorities in Latin America for the new U.S. president. Open for Business looks at the past, present, and future of the Cuban economy and society. The past: The successes of the revolution, and how the Cuban economy got itself tied up in knots. The present: An assessment of emerging private enterprise and case studies of successful foreign investments in tourism, mining, consumer products, and international brands such as Unilever, Nestlé, and Meliá Hotels International. And the future: Vignettes of a dozen inspiring millennials, their hopes and aspirations for themselves and for Cuba, finishing with three imagined scenarios for Cuba in 2030.

Presenter: Richard Feinberg is Professor of International Political Economy at the School of Global Policy and Strategy at UC San Diego. He is also a non-resident senior fellow at the Brookings Institution, where he has been writing monographs on Cuba since 2011. Feinberg previously served as the senior director of the National Security Council’s Office of Inter-American Affairs in the Clinton Administration. He received his PhD from Stanford University.

Coordinator: Steve Clarey

Time/Date: Tu 1:00-3:00 p.m., Feb. 7
Location: Rm. 129, UCSD Extension Complex

The Economic Consequences of Brexit

Professor Marcus-Andreas Muelender

The dynamics of globalization can lead to dramatic changes in trade and investment regimes. What will happen to the world economy after the British vote to leave the E.U.? Will adjustments by the new government mitigate the negative effects of fiscal austerity on growth? Will the Bank of England’s looser monetary policy be enough to maintain business confidence and avoid the movement of companies out of the U.K.? Will negotiations with the E.U. actually lead to Britain’s withdrawal and, if so, on what terms?

Presenter: Marc-Andreas Muendler is Associate Professor of Economics at UC San Diego and a Research Associate at the National Bureau of Economic Research in Cambridge, Massachusetts. Muendler taught at the University of Munich and was a visiting professor at Princeton. His fields of interest include international and development economics, entrepreneurship, and information economics. He has worked as a consultant to the German central bank and the Federal Reserve Bank of New York. He earned his PhD at UC Berkeley.

Coordinator: Steve Jenner

Time/Date: F 10:00 a.m.-12:00 p.m., Feb. 17
Location: Rm. 129, UCSD Extension Complex
**HISTORY**

**Major Historical Trends: The South after Reconstruction**

**Professor Neil Heyman**

This quarter we will be reading Leon Litwack’s widely acclaimed history of African-Americans in the post-Reconstruction South, *Trouble in Mind: Black Southerners in the Age of Jim Crow*. It has been described by a leading critic as the “most complete and moving account we have had of what the victims of the Jim Crow South suffered and somehow endured.” Another critic evaluated it as a “heartbreaking book about a heartbreaking time.” Professor Litwack is one of our foremost historians of the American South and the experience of African-Americans. His earlier book on the subject, *Been in the Storm So Long* (1979), won both the Pulitzer Prize and the Parkman Prize.

**January 30**: Preface, chapters one and two
**February 13**: Chapters three and four
**February 27**: Chapters five and six
**March 13**: Chapters seven and eight, Epilogue

The book is available from Amazon in paperback and Kindle formats. Four copies can be found in the San Diego Public Library.

**Presenter**: Neil Heyman, Professor Emeritus of History at San Diego State University, has led a popular history seminar at Osher each quarter for many years. He earned his BA summa cum laude at Yale and his PhD at Stanford. He is a specialist in the twentieth-century history of Russia and Germany, World War I, and history through film.

**Time/Date**: M 1:00-3:00 p.m., Jan. 30-Mar. 13
**Location**: Rm. 129, UCSD Extension Complex

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**INTERNATIONAL RELATIONS**

**Economics and Terrorism: Lessons for Confronting ISIS**

**Professor Eli Berman**

Understanding the so-called Islamic State or ISIS requires solving two vexing puzzles: First, why are its adherents so much more lethal than other jihadists? Second, though it claims to be pursuing a caliphate, ISIS’s strategy of provocative terrorism seems suicidal, hastening defeat in a ground war. Insights from the economics of religion provide answers to both puzzles.

**Presenter**: Eli Berman is Chair and Professor of Economics at UC San Diego and Research Director for International Security Studies at the UC Institute on Global Conflict and Cooperation. His book *Radical, Religious, and Violent: The New Economics of Terrorism* was published in 2009 by MIT Press. Berman received his PhD in economics from Harvard University.

**Coordinator**: Steve Jenner

**Time/Date**: Tu 1:00-3:00 p.m., Jan. 17
**Location**: Rm. 129, UCSD Extension Complex
International Issues: A View by UC San Diego International Graduate Students

The UCSD International Center hosts a large number of foreign scholars ranging from undergraduates to graduate students, post-docs, Fulbright Scholars, and visiting faculty. They come from all over the world, bringing to UCSD their unique outlooks and experiences with respect to the issues facing their countries and the world.

Osher has been fortunate to arrange for one program per quarter to be presented by one or more members of the International Center on an important topic of the day. It is easy to read one account of an event in, say, Africa and believe that we have the straight scoop. Would that life were so simple. These programs provide a broader perspective, one from those actually involved.

**Coordinators:** Dick Dahlberg and Courtney Giordano

**Time/Date:** Tu 1:00-3:00 p.m., Jan. 31

**Location:** Rm. 129, UCSD Extension Complex

Open for Business: Building the New Cuban Economy

**Professor Richard Feinberg**

In this lecture, Professor Richard Feinberg returns to Osher to discuss his new book on the Cuban economy and on policy priorities in Latin America for the new US president. Open for Business looks at the past, present and future of the Cuban economy and society. The past: The successes of the revolution and how the Cuban economy got itself all tied up in knots. The present: An assessment of emerging private enterprise and case studies of successful foreign investments in tourism, mining, consumer products and international brands such as Unilever, Nestlé and Meliá Hotels International. And the future: vignettes of a dozen inspiring millennials, their hopes and aspirations for themselves and for Cuba, finishing with three imagined scenarios for Cuba in 2030.

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**Coordinator:** Steve Clarey

**Time/Date:** Tu 1:00-3:00 p.m. Feb 7

**Location:** Rm. 129, UCSD Extension Complex
Iran under the Joint Comprehensive Plan of Action: Is Everything Going Okay?

James Larrimore, PhD

The Spring of 2015 saw a flurry of negotiations between Iran and the “great powers” on the framework of an extended Joint Plan of Action. In parallel, Iran was working with the International Atomic Energy Agency (IAEA) to resolve “present and past issues” under a Framework for Cooperation. The big day came on July 14, 2015, with the announcements of the Joint Comprehensive Plan of Action (JCPOA) between Iran and the EU/E3+3, and a new road map between Iran and IAEA. This talk will address developments since July 2015 in the Iran nuclear chess game, in Iran itself (the 2016 elections), and with Iran in its region and the world: what has been achieved, what are the current issues, and what should we expect to happen next?

Presenter: James Larrimore worked on gas-cooled nuclear-reactor development for 14 years at General Atomics in San Diego and then spent many years at the IAEA in Vienna as it dealt with Iraq, South Africa, North Korea, and most recently Iran. An expert in international safeguards and the recipient of awards in that field, he was long-serving Chair, International Safeguards Division, Institute of Nuclear Materials Management. He received his PhD in Nuclear Engineering from MIT.

Coordinator: Steve Clarey

Time/Date: Tu 1:00-3:00 p.m., Feb. 14
Location: Rm. 129, UCSD Extension Complex

Why Do They (Still) Hate Us? The Origins of Instability in the Twenty-First Century

Professor Erik Gartzke

Advocates of U.S. predominance and international stability have pointed with considerable anxiety to relative U.S. decline. Their fears are that atrophying U.S. power will unleash the dogs of war across the globe. Yet chaos can be an opportunity as well as a curse. As this lecture will explain, the mere fear of instability has greatly increased U.S. influence among its friends, even if this has come at some price in terms of power over its adversaries. Never before has the U.S. been in a position of power broker where it plays a critical role in deciding rather than imposing winners in regional conflicts. It is the anxiety of other nations about their protection that allows America more often than ever before to call the shots. Skillful use of this influence requires leadership, diplomacy, and a military that is able rather than active in world affairs.

Presenter: Erik Gartzke is Professor of Political Science at UC San Diego and Director of the Center for Peace and Security Studies (cPASS), a new center devoted to inter-method and inter-disciplinary research at UCSD. He received his PhD from the University of Iowa in 1997.

Coordinator: Steve Clarey

Time/Date: Tu 1:00-3:00 p.m., Feb. 28
Location: Rm. 129, UCSD Extension Complex
Great American Trials: The Trial of the Hollywood Ten
Judge Aaron Jaffe

Following World War II, hundreds of talented arts-industry writers, journalists, movie producers, and actors were blacklisted and denied employment because they were accused of being members of or affiliated with the Communist Party. Ten of those, mostly writers, were called to testify before the House Committee on Un-American Activities (HUAC). All refused to testify as to their political affiliation. What occurred then illustrates what can happen in our society when fear takes the place of reason.

Presenter: Osher member Aaron Jaffe is a retired lawyer, Circuit Court judge, and Illinois State Representative who has taught law at Loyola University in Chicago. He often lectures on famous trials, such as the impeachment trial of Aaron Burr, Brown v. Board of Education, the Scottsboro Boys trial, and the Lenny Bruce trial, each of which had an effect on American history and government.

Coordinator: Eileen Coblens
Time/Date: F 10:00 a.m.-12:00 p.m., Jan. 13
Location: Rm. 129, UCSD Extension Complex

International Legal Developments Affecting Sex and Gender Nonconformists
Professor Julie Greenberg

The legal and societal treatment of transgender and intersex individuals has undergone a transformation in recent years. This lecture will examine the most significant of these developments, including (1) international condemnation of early genital surgery as a violation of fundamental human rights; (2) recognition of the right of individuals to use the gender marker of their choice on official documents; (3) rules governing the use of bathrooms and locker rooms by transgender and intersex individuals; (4) reduced barriers to military service by transgender and intersex individuals; and (5) developments regarding employment-discrimination claims based on a person’s LGBT status.

Presenter: Julie Greenberg, Professor of Law Emeritus at Thomas Jefferson School of Law, is an internationally recognized expert on the legal issues relating to gender, sex, sexual identity, and sexual orientation. Her path-breaking work on gender identity has been cited by state and federal courts as well as courts in other countries. Her book, Intersexuality and the Law: Why Sex Matters, received the 2013 Bullough Book Award for the most distinguished book written for the professional sexological community.

Coordinator: Mark Evans
Time/Date: F 10:00 a.m.-12:00 p.m., Jan. 27
Location: Rm. 129, UCSD Extension Complex

Tales of Forensic Psychiatry
Mark Kalish, MD

While forensic psychiatry is the study of mental illness in the context of litigation, it often exposes greed, bad luck, and stupidity. There are also stories of incredible tragedy and resilience. Dr. Kalish will share insights he has gained into those who commit great violence and those who have survived great violence. He will share stories of his courtroom experience, which include many “Perry Mason” moments.

Presenter: Mark Kalish is a board-certified forensic psychiatrist with 37 years of experience in both criminal and civil litigation. He received his undergraduate education at the University of Michigan. He graduated from Northwestern University Medical School and completed his psychiatry residency at UC San Diego.

Coordinator: Lyle Kalish
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The “Hurricane” Carter Murder Case
Judge H. Lee Sarokin

Judge Sarokin will speak about the Rubin “Hurricane” Carter triple-murder case. The New Jersey star prizefighter’s career was cut short by a murder conviction, and he became an international cause célèbre while imprisoned for 19 years. Judge Sarokin ultimately freed Carter, invalidating his conviction on the ground that it was “predicated upon an appeal to racism rather than reason, and concealment rather than disclosure.” (Carter’s story was told in a 1999 Denzel Washington movie, The Hurricane, which will be screened at Osher on Wednesday, February 1, at 1:00 p.m.).

Presenter: Judge H. Lee Sarokin is a graduate of Dartmouth College and Harvard Law School. After a 25-year career as a trial lawyer, he was appointed to the U.S. District Court by President Carter and elevated to the U.S. Court of Appeals for the Third Circuit by President Clinton. He gained renown not only for granting the federal appeal of Rubin Carter’s murder conviction but also for presiding over the first civil suit to find a tobacco company liable for a smoker’s death. He was also the first judge to order clubs such as Kiwanis to admit women.

Coordinator: Ira Nelson

Time/Date: Th 1:00-3:00 p.m., Feb. 9
Location: Rm. 129, UCSD Extension Complex

How the NRA Transformed Our Understanding of the Second Amendment
Professor Del Dickson

The Second Amendment to the United States Constitution states: “A well regulated Militia, being necessary to the security of a free State, the right of the people to keep and bear Arms, shall not be infringed.” We will take a historical look at how our understanding of that provision has changed over time, including how the National Rifle Association’s own change of heart about guns and the Constitution paved the way for the Supreme Court’s remarkable decision in District of Columbia v. Heller.

Presenter: Del Dickson is Professor of Political Science and International Relations at the University of San Diego, where he has taught since 1987. He earned his BA at Humboldt State, his JD at UCLA, and his PhD at USC. His book, The Supreme Court in Conference 1940-1985 (Oxford University Press), earned the Association of American Publishers award as the best book in Government and Political Science in 2001. His most recent book is The People’s Government: An Introduction to Democracy (Cambridge University Press).

Coordinator: Mark Evans

Time/Date: F 10:00 a.m.-12:00 p.m., Feb. 10
Location: Rm. 129, UCSD Extension Complex
Madonnas and Whores in the Workplace

Professor Jessica Fink

Much has been written about “lookism” — the preferential treatment given to those who conform to accepted societal standards of beauty. But in several recent court cases, female plaintiffs have alleged a sort of “reverse-lookism,” claiming that they were mistreated because they were deemed too physically attractive — “too hot” — for their employers. This presentation will use these cases as a lens for examining broader gender stereotypes in the courts, the media, and the public at large. It will discuss the extent to which gender stereotypes force women in the public eye into one of two molds — either pure and pristine with muted sexuality, or sexually promiscuous and vilified — and will consider the consequences of this false dichotomy.

Presenter: Jessica Fink is Professor of Law at California Western School of Law, where she teaches employment law, constitutional law, and remedies. She received her JD from Harvard Law School, and, prior to beginning her teaching career, was an employment litigator with a large Chicago law firm.

Coordinator: Mark Evans

Time/Date: F 10:00 a.m.-12:00 p.m., Feb. 24
Location: Rm. 129, UCSD Extension Complex

Best Short Stories

The following stories showcase the exceptional talents of award winning authors. To quote Richard Ford, “They clean out the clutter, shove aside the impediments between readers and stories, treat us to gorgeous language, and stir our moral imaginations.” Our discussions are wonderfully rich and lively!

We will be using The Art of the Tale: An International Anthology of Short Stories, edited by Daniel Halpern, ISBN 978014007949

January 9: Order of Insects by William Gass
The Mother by Natalia Ginzburg

January 23: The Life of the Imagination by Nadine Gordimer
Two Gentle People by Graham Greene

February 6: Why I Transformed Myself into a Nightingale by Wolfgang Hildesheimer
One Arm by Yasunari Kawabata

March 6: Let the Old Dead Make Room for the New Young Dead by Milan Kundera
Gogol’s Wife by Tommaso Landolfi

Facilitator: Before retiring to San Diego from suburban Chicago, Jane Jellinek owned a small independent bookstore. She has been involved in many literary conferences and has facilitated book-club discussions for many years.

Time/Date: M 1:00-3:00 p.m., Jan. 9-Mar. 6
Location: Rm. 128, UCSD Extension Complex
Modern and Contemporary Authors


Thomas Wolfe’s first novel follows Eugene Gant, a brilliant and restless young man whose wanderlust and passion shape his adolescent years in rural North Carolina. William Faulkner ranked Thomas Wolfe first among his contemporaries, stating “he had much courage and wrote as if he didn’t have long to live.” A 2016 movie, *Genius*, dramatizes editor Maxwell Perkins’s shaping of Thomas Wolfe, sparking new interest in the book and the role of an editor.

**January 10:** Ch. 1-10

**January 24:** Ch. 11-18

**February 7:** Ch. 19-27

**February 21:** Ch. 28-32

**March 7:** Ch. 33-40

**Facilitator:** Mary Thompson retired in 2005 and now promotes deliberative democracy with the League of Women Voters and the San Diego Deliberation Network.

**Time/Date:** Tu 1:00-3:00 p.m., Jan. 10-Mar. 7

**Location:** Rm. 128, UCSD Extension Complex

Inquiring Minds

We will be reading and discussing *The House of Mirth* and *The Age of Innocence*, by Edith Wharton. Both books are published by Barnes & Noble, ISBN 978-1-59308-153-9 and ISBN 978-1-59308-143-0, respectively.

*The House of Mirth*, first published in 1905, is “one of America’s finest novels of manners.” Introduced by Jeffrey Meyers, a biographer of distinction, this novel “is a beautifully written and ultimately tragic account of the human capacity for cruelty.”

*The Age of Innocence* was awarded a Pulitzer Prize in 1921, making Edith Wharton the first woman to win a Pulitzer Prize. Maureen Howard, a novelist in her own right, introduces us to this novel as a “masterful portrait of desire and betrayal during the sumptuous Golden Age of Old New York, a time when society people dreaded scandal more than disease.”

**January 19:** *The House of Mirth*: pp. 5-118, Book 1, ch. 1-9

**February 2:** pp. 119-233, Book 1, ch. 10-15; Book 2, ch. 1-3

**February 16:** pp. 234-348, Book 2, ch. 4-14

**March 2:** *The Age of Innocence*, pp. 5-144. Book 1, ch. 1-18

**March 16:** pp. 147-293, Book 2, ch. 19-34

**Seminar Leader:** Esther Lynn Dobrin

**Time/Date:** Th 1:00-3:00 p.m., Jan. 19-Mar. 16

**Location:** Rm. 128, UCSD Extension Complex
January 13: Behind the Barn, Barbershop Quartet

The Barbershop Quartet brings to mind images of handlebar mustaches on gentlemen wearing striped vests and straw hats, singing old-timey songs like *Sweet Adeline*. That iconic image of early-twentieth-century American culture remains to this day, although today’s Barbershoppers are as likely to wear suits and ties as boaters and vests. And it remains because the music, that wonderful four-part harmony, takes us back to a simpler time when getting together to sing with friends was an evening well spent.

**Performers**: The quartet known as Behind the Barn keeps that tradition alive. These four friends, Dave, Other Dave, Mark, and Neal, sing classics from the Great American Songbook and more. And they sing them well, as evidenced by their Top 10 finish in the Barbershop Harmony Society’s contest encompassing California, Arizona, Nevada, and Hawaii. Come listen as they sing the sweet harmonies that are as delightful today as they were a century ago.

January 27: Have Fiddle Will Travel: Yale Strom and His Klezmer, Encounters with the Roma

Yale Strom will take you on a trip through Central and Eastern Europe into the cities, towns, and villages where he met, learned from, and performed with Roma musicians. Before WW II in the regions of the Carpathian Mountains, Transylvania, and Bessarabia, Roma and Jewish musicians had a unique bond playing with and for each other. What remains of this phenomenon today?

**Performer**: Yale Strom is an ethnographer and artist who has done extensive field research among the Jewish and Roma communities in Eastern Europe. His work has resulted in books, films, recordings, plays, and photo exhibitions. Strom is professor and artist-in-residence in the Jewish Studies Program at SDSU.

February 10: Colin McAllister, Classical Guitar

Colin McAllister will present a varied program of music for the classical guitar from the fourteenth century to the present. The compelling selection of music includes masters of medieval, Renaissance, and Baroque polyphony, the first “Golden Age” of the guitar, sensual rhythms from Latin America, and a new work by San Diego composer Christopher Adler.

**Performer**: For many years, Colin McAllister provided Live Music programs as a lecturer in the UC San Diego Music department. He now pursues a creative life as a guitarist, conductor, and historian, engaging deeply with cross-disciplinary ideas in the humanities, particularly the intersection between music and history, classics, and religion. He currently serves as Lecturer in Music and Humanities at the University of Colorado, Colorado Springs.

February 24: Angela Yeung, Classical Ensembles

Angela Yeung will provide yet another compelling sampling of superb classical string and piano ensembles comprising her USD graduate and post-graduate students, faculty, and peer musicians in the community. She has participated in Live Music Fridays faithfully for more than 10 years and is a mainstay every quarter.

**Performer**: Angela Yeung, PhD, is Associate Professor of Music at the University of San Diego and director of both the USD Chamber Music Ensembles and the Annual Chamber Music Festival held in February and July on the USD campus. Yeung served as director of the USD Symphony from 1996 to 2010 and continues to conduct orchestras and choirs nationally and internationally.
March 10: Naomi Hobbs and Yumiko Oya, Four Hands Piano

The program will consist of pieces written by composers from the United States, Argentina, Cuba, Denmark, Russia, and Japan:

3. *Jalousie*, arr. by Gregory Stone: Jacob Gade (1879-1963) Danish

Performers: Naomi Hobbs earned her music degree in Tokyo. She won the International Piano Competition in Mexico in 2012 and was the gold medalist of the Seattle International Piano Competition in 2015. Yumiko Oya received her Master's Degree in Piano Performance from California Institute of the Arts.

Coordinator: Reed Sullivan

Time/Date: F 1:00-2:00 p.m., Feb. 10-Mar. 10
Location: Rm. 129, UCSD Extension Complex

### MATHEMATICS

#### Problem Solving with Algebra and Trigonometry

**Flossie Riesner, MA**

Calling all members who were good at mathematics in school and who used to love solving problems. Remember that great feeling when you got the correct answer? This class will recreate that. We will use a variety of math disciplines (high-school level) to solve challenging problems together as a group. All you need is paper, pencil, and your left brain. Class participation is expected and welcome.

**Instructor:** Flossie Riesner taught mathematics at the high-school and college level at Temple, Arcadia, and Penn State Universities. She now travels nationwide as a dental-practice management consultant. She has Bachelor’s and Master’s degrees in mathematics from Temple University.

**Time/Date:** M 10:00 a.m.-12:00 p.m., Jan. 30-Mar. 13
**Location:** Rm. 128, UCSD Extension Complex

### MEDICINE AND LIFE SCIENCES

#### Remediating Age-Related Cognitive Decline: Mindfulness-Based Stress Reduction and Exercise

**Andrew Scott and Cris Lam**

Researchers at UC San Diego and Washington University in St. Louis are conducting a research study to improve memory and thinking in aging people. Participants are assigned to 18 months of exercise, healthy-lifestyle classes, or mindfulness meditation. Research assessments include tests of memory and thinking, brain scans, and tests of other biological functions such as insulin sensitivity and cortisol levels. This presentation will provide information about the study and will discuss the conclusions it reached. Opportunities for Osher volunteers to participate in the study will be discussed during the presentation.
Presenters: Andrew Scott studied psychology and visual art at the University of San Diego. After traveling the world for a year, Scott worked with teenage foster youth in a residential-care facility. After five years in the field, he transitioned back into academia to pursue research. Cris Lam is a Study research associate at UCSD’s Department of Psychiatry. Before she joined the department, she spent four years researching developmental disorders at Rady Children’s Hospital. She obtained her bachelor’s degree in psychology from UCSD.

Coordinator: Sarita Eastman

Time/Date: W 1:00-3:00 p.m., Jan. 11
Location: Rm. 129, UCSD Extension Complex

Science and the Search for Truth

Ed Gerck, PhD

In 2013, The Economist reported that most published bioscience findings were provably false, and the U.S. National Institutes of Health (NIH) reported that at least three-quarters of all published biomedical findings were hard to reproduce. This “irreproducibility crisis” in the biosciences has been recognized since 2004 but has not improved. This two-part lecture series will demonstrate that it is time for everyone — researchers, students, citizen-scientists, and lifelong learners — to understand more deeply how science works in exploring the limits of knowledge and life, including new foundations for research and verification.

January 19: The Scientific Method

The Scientific Method is a fundamental tool in exploring the limits of knowledge and life. However, its understanding is often beset by misconceptions, leading to errors in advanced research and even day-to-day decisions. For example, it is a common mistake to think of a hypothesis as a guess or a prediction, or to assume that a hypothesis must include cause and effect. Another common error is to think that in science a YES means “true” and a NO means “false.” With the growing importance of science and scientific arguments in today’s society, it is critical to avoid these and other pitfalls, in order to more effectively apply and contrast scientific principles in career and life.

Presenter: William Mohlenbrock served as a Navy Flight Surgeon onboard the USS Yorktown (CVS-10) during the Vietnam War. After his discharge, he completed an orthopedic residency at UC San Diego, where he has served as an assistant clinical professor for over 30 years. His BS degree is from the University of Illinois and his MD from St. Louis University School of Medicine.

Coordinator: Steve Clarey

Time/Date: Th 1:00-3:00 p.m., Jan. 12
Location: Rm. 129, UCSD Extension Complex
February 16: The Big Idea in Physics and Science: The Absolute

Over the past 150 years, physics has undergone a qualitative transformation from a science of testable, relative relationships between variables to a “Big Idea” science of invariable, universally valid absolutes. This change has so far been largely ignored in secondary and college education. This Big Idea has been applied successfully to the study of atoms and black holes, and it will eventually spread to biology, neuroscience, economics, and even politics. It may also hold the key to ultimately solving the irreproducibility crisis in the biosciences, improving personal and public healthcare decisions.

Presenter: Ed Gerck earned his PhD with maximum thesis grade in Physics at the Ludwig-Maximillians-Universitaet in Germany, continuing with research at the Max-Planck-Institut fuer Quantenoptik. He is CEO and Chief Scientist of Safevote, Inc. and NMA, Inc., and principal at Gerck Research.

Coordinator: Steven Wyte

Time/Date: Th 1:00-3:00 p.m., Jan. 19-Feb. 16
Location: Rm. 129, UCSD Extension Complex

The 2013-2016 Ebola Outbreak in West Africa

Professor Michael B.A. Oldstone

This lecture is about the infectious disease Ebola, which first manifested itself in 1976 in Central Africa and which had a major outbreak in 2013 in West Africa. The infection (over 28,000) and death rates (over 11,500) of the West African outbreak exceeded the accumulated infections and deaths of the previous 25 Ebola outbreaks in Central Africa. This lecture will review how the virus spread to, and then in, West Africa. It will contrast the heroes and their accomplishments with the mismanagement responsible for the prolonging of the outbreak.

Presenter: Michael B.A. Oldstone is Professor at The Scripps Research Institute and head of the Viral-Immunobiology Laboratory. His focus is on how viruses cause disease (viral pathogenesis) and on remedies to prevent or treat such diseases. He has been a consultant to the World Health Organization and the National Institutes of Health and continues his work on Ebola. Oldstone has been elected to the National Academy of Sciences and is the recipient of numerous awards.

Coordinator: Sarita Eastman

Time/Date: W 1:00-3:00 p.m., Jan. 25
Location: Rm. 129, UCSD Extension Complex

Progress and Pathology in U.S. Health Policy

Professor Richard Kronick

Over the past decade, we have made progress in improving access to and quality of health care, and in moderating its cost growth. But U.S. health policy nevertheless remains bedeviled by a daunting list of challenges. This lecture will describe the progress that has been made and the many challenges that remain and will include an examination of the political and technical barriers to overcoming those challenges.

Presenter: Richard Kronick is Professor in the Department of Family Medicine and Public Health at UC San Diego. His research focuses on how changes in health-care financing can improve patient outcomes. From 2010 to 2016 he served as Deputy Assistant Secretary for Health Policy in the Department of Health and Human Services, where he worked on implementing the Affordable Care Act, and then as Director of the Agency for Healthcare Research and Quality. Professor Kronick received his PhD in Political Science from the University of Rochester and is a member of the National Academy of Medicine.

Coordinator: Joel E. Dimsdale

Time/Date: Th 1:00-3:00 p.m., Jan. 26
Location: Rm. 129, UCSD Extension Complex
Your Medicines Are in Your Control
Sally Rafie, PharmD

This two-lecture series will give you the tools and information you need to take better control of your medicines and reduce the risk that you will become a victim of a medication error.

February 2: Your Medicines: Preventing Errors and Partnering with Pharmacists

Medication errors are the leading cause of preventable patient harm. With an aging population and increased demand for healthcare providers, pharmacists are playing an expanded role in medical care. This lecture will review pharmacists’ training and scope of practice and will explore the services available from pharmacists in California.

March 16: Medications for Seniors

This lecture will review the latest evidence regarding medications that matter the most to seniors. Examples include vaccine recommendations, supplement uses, and drug interactions.

If you would like a particular topic to be covered in these lectures, please send your request at least four weeks prior to the presentation to DrRafie@PharmacistsClinic.com.

Presenter: Sally Rafie is a pharmacist specialist at UC San Diego Health, where she directs the medication-safety program and practices in the Women’s Health Clinic. Rafie founded the first community-based pharmacist clinic in San Diego, where she provides preventive-health and women’s-health services. She is the President of the San Diego County Pharmacists Association and member of the Preconception Health Council of California. She received her pharmacy doctorate degree from UC San Francisco.

Coordinator: Steve Wyte

Time/Date: Th 1:00-3:00 p.m., Feb. 2-Mar. 16
Location: Rm. 129, UCSD Extension Complex

Diet and Cancer: A Holistic and Scientific Approach
Gordon Saxe, MD, PhD

This lecture will examine the role of diet and nutrition in cancer development and progression. Drawing on his research on breast, prostate, and pancreatic cancer, Dr. Saxe will discuss: (1) the epidemiology of the diet-cancer relationship, (2) conventional and alternative theories of carcinogenesis, and (3) the impact of nutritional factors on the underlying biology of cancer, including effects on gene expression, immunity, and the microbiome. The lecture will conclude by proposing a strategy for incorporating dietary modification into cancer treatment and offering specific recommendations for “cancer-proofing” one’s diet.

Presenter: Gordon Saxe is the Medical Director of Integrative Nutrition and a Preventive Medicine physician with the UC San Diego Center for Integrative Medicine. A national expert in the use of food as medicine, Saxe leads a team of researchers at UCSD Medical Center in designing a comprehensive research program that will examine the impact of diet, lifestyle, natural therapeutics, and the microbiome on a myriad of chronic diseases. Saxe received his MD at Michigan State University and his PhD in Epidemiology at the University of Michigan.

Coordinator: Steve Clarey

Time/Date: W 1:00-3:00 p.m., Feb. 8
Location: Rm. 129, UCSD Extension Complex
Emerging Therapies for Age-Related Macular Degeneration

Professor Eric Nudleman

Age-related macular degeneration (AMD) is the leading cause of vision loss among those aged 50 and older. AMD causes damage to the macula, the central region of the retina necessary for high-acuity vision. In 2010, more than two million Americans had AMD; that number is expected to rise to above five million by 2050. The disease has two forms: wet and dry. Although there are currently no treatments for dry AMD, new therapies for wet AMD have revolutionized the prognosis for patients who previously would have been blind at a much earlier age. This lecture will discuss efforts to improve the delivery of these effective medications and to develop new therapies to further reduce treatment costs and improve the outcomes for patients.

Presenter: Eric Nudleman, MD, PhD, is an Assistant Clinical Professor of Ophthalmology at UC San Diego’s Shiley Eye Institute. His clinical focus is on vitreoretinal diseases and surgery. His laboratory focuses on angiogenesis with a particular interest in identifying novel targets to treat vascular diseases. Nudleman earned his BA and PhD from Stanford University and his MD from the Albert Einstein College of Medicine.

Coordinator: Steve Wyte

Time/Date: Th 1:00-3:00 p.m., Mar. 2
Location: Rm. 129, UCSD Extension Complex

MEMOIRS

Germaine and Paul Markowitz

Every class at Osher is a promise of discovery. In this expanded writing class it might be the discovery of your own ability to write, to harness the expressive power of language. This class invites you to learn by putting words on paper and finding your own voice. Recollecting important moments of your life provides ready-made content and a great starting point for those taking their first plunge into writing for pleasure. For those who wish to venture further, other genres such as essays, scripts, even poetry may beckon. Writing is done at home, then read in class to fellow writers and to others who simply come to listen and enjoy. In this friendly setting readers may request feedback from others.

Facilitators: Germaine Markowitz is a retired high-school French and English teacher. Paul Markowitz is a retired dentist and dental trauma consultant.

Time/Date: Tu 10:00 a.m.-12:00 p.m., Jan. 10-Mar. 7
Location: Rm. 128, UCSD Extension Complex

OSHER PRESENTERS

Woodrow Wilson and Warren Harding Comparisons

Eddie Goldberg

President Wilson was well-prepared for the job; President Harding was not. This lecture will expand on this comparison, showing the contrasts and the effects on our nation.

Presenter: Eddie Goldberg has been a member of Osher for many years and has previously lectured on Hiroshima. He studies history as a hobby.

Coordinator: Doug Webb

Time/Date: Tu 10:00 a.m.-12:00 p.m., Jan. 10
Location: Rm. 129, UCSD Extension Complex
The Right to Die

Faye Girsh, PhD

As of June 2016, Californians who are terminally ill may use the End of Life Option Act (ELOOA) to obtain medical aid in dying. This lecture will explain the specific provisions of this complex statute and will discuss the dilemma confronting those who live in the 45 states where aid in dying is not legal. Additional topics will include the Final Exit Network, voluntary refusal of food and hydration, seeking help in Switzerland, the new law in Canada, and the future of assisted dying.

**Presenter:** Faye Girsh received her doctorate from Harvard University and practiced as a clinical and forensic psychologist for 18 years before becoming President of the Hemlock Society USA. She is Past President of the World Federation of Right to Die Societies, is on the boards of the Final Exit Network and ERGO (Euthanasia Research and Guidance Organization), and is founder and President of the Hemlock Society of San Diego.

**Coordinator:** Doug Webb

**Time/Date:** Tu 10:00 a.m.-12:00 p.m., Jan. 24
**Location:** Rm. 129, UCSD Extension Complex

The Philosophy of Science

Dick Dahlberg, PhD

_Cogito Ergo Sum._ These immortal words, spoken in 1737 by the French philosopher Rene Descartes, gave impetus to the scientific revolution begun by Copernicus and carried to fruition by Galileo and Newton. The story behind these words will be discussed as part of the Philosophy of Science, beginning with the mind-numbing philosophy of Aristotle, and later the Catholic Church, to the expansive philosophy that enabled Galileo and Newton.

**Presenter:** Dick Dahlberg received a PhD in Nuclear Science and Engineering from Rensselaer Polytechnic Institute in 1965. He worked for 40 years on nuclear power projects at General Electric and General Atomics, retiring from the latter in 1995. He served as President of Osher for two years and has given several lectures on historical and scientific topics. He also teaches at National University.

**Coordinator:** Doug Webb

**Time/Date:** Tu 10:00 a.m.-12:00 p.m., Feb. 7
**Location:** Rm. 129, UCSD Extension Complex

Protest: Not Just for the ‘60s Anymore

Robert Young

Although speaking out and acting against injustice has been out of fashion for some time, protest defined a decade in which many of us came of age. In the U.S., protest brought down a president and lifted a people. In other places, protest redefined societies and redistributed political and economic power. Yet protest fails as often as it succeeds. What precipitates protest, how does it work, what accounts for its success or failure? In this session, we will look at historical examples in the civil-rights and anti-war movements as well as contemporary forms, such as Occupy and Black Lives Matter — and, yes, the “Making America Great Again” protest of the Trump presidential campaign.

**Presenter:** Robert Young was trained as a social psychologist and served as a university professor and leader before completing his career as a community psychologist. He has special interests in intellectual and ethical development, aging, and religious practices and their impacts on culture, human behavior, and individual and social well-being.

**Coordinator:** Doug Webb

**Time/Date:** Tu 10:00 a.m.-12:00 p.m., Jan. 18
**Location:** Rm. 129, UCSD Extension Complex
Diet and Exercise: What Is Science and What Is Hype?

Jim Mannion, PhD

We are constantly bombarded by claims about the best strategies for nutrition and exercise. Terms like organic, natural, fast weight loss, interval training, CrossFit, and high-intensity exercise are common. But what’s real and what’s hype? UC San Diego offers science-based extension courses covering emerging trends in nutrition and exercise. This lecture will summarize key concepts from these courses to provide attendees with a practical scientific basis for decision-making about diet and exercise.

Presenter: Jim Mannion is a pharmacist, drug developer, inventor, and entrepreneur who has spent more than 30 years in various sectors of the biopharmaceutical industry. He received his PhD in Clinical Pharmacy from Purdue University and completed a post-doctoral fellowship in clinical drug research and drug development at Burroughs Wellcome/The University of North Carolina at Chapel Hill. Most recently he was founder and CEO of Galleon Pharmaceuticals, a small biotech located in the Philadelphia area.

Coordinator: Doug Webb

Time/Date: Tu 10:00 a.m.-12:00 p.m., Mar. 7
Location: Rm. 129, UCSD Extension Complex

Parlons Francais!

Françoise Shah

Ce cours est une continuation des trimestres precedents qui correspond au niveau III d’un cours de conversation. Les eleves voulant continuer ce cours doivent pouvoir comprendre les textes presentes, avoir une bonne connaissance de la grammaire francaise ainsi que posseder un solide vocabulaire pour pouvoir converser en groupes de deux ou trois instantanement sur des sujets simples. L’etude du materiel distribue est indispensable pour pouvoir continuer ce cours. Une partie du cours reflete la culture.

Every Thursday

Presenter: Françoise Shah graduated with a Master’s Degree in Music from Le Conservatoire de Musique de Paris. She taught music and French to American personnel in Paris. She also taught high-school French. Shah has conducted several conversational French workshops and taught music and conducted workshops at the French-English Academy known as La Petite Ecole.

Time/Date: Th 10:00 a.m.-12:00 p.m., Jan. 12-Mar. 16
Location: Rm. 128, UCSD Extension Complex

POLITICS AND CURRENT EVENTS

Inside Politics

Al Korobkin

This class is devoted to the hot political issues of the day. We cover the President, senators, members of Congress, governors, mayors, and state and local issues. We cover foreign policy, domestic policy, the media, and the gridlock in Washington. Please join this popular political discussion class. All opinions are welcome and encouraged.

Facilitator: Al Korobkin is a retired California Assistant Attorney General. His practice focused on representing the Medical Board of California and other health-care licensing boards. At the time he retired, Korobkin was the chief medical prosecutor for the State of California. His hobbies include reading about and discussing politics, sports, and popular culture.

Time/Date: M 10:00 a.m.-12:00 p.m., Jan. 9-Mar. 6
Location: Rm. 129, UCSD Extension Complex
Current Events

Burt Levine

Drama, pathos, debate, frustration, humor — it’s all there in your daily papers or periodicals. We bring the news to life as our members’ panel selects noteworthy items and issues for audience review and discussion. In this class, your views are welcome, whether you already have an opinion or are looking for one.

Facilitator: Burt Levine is a retired regulatory and corporate lawyer. He has been moderating the Current Events sessions for years.

Time/Date: Th 10:00 a.m.-12:00 p.m., Jan. 19-Mar. 16
Location: Rm. 129, UCSD Extension Complex

Exploration of Current Issues

Henry Williams and Kirk Cunningham

Dynamic roundtable discussions of issues in the news. We will analyze policy choices from various perspectives, including the advantages and disadvantages of each and the key values at stake. Specific topics will be announced by email prior to each discussion.

Facilitators: Henry Williams has been an Osher member for seven years and has lived in San Diego County since 1972. He retired from a career in commercial real estate finance and is a member of the San Diego Deliberation Network. Kirk Cunningham has been an Osher member for two years and has lived in Del Mar since 1997. He retired from a career in marketing for high-tech companies and is a political junkie.

Time/Date: Th 1:00-3:00 p.m., Feb. 9-Mar. 9
Location: Rm. 128, UCSD Extension Complex

King David in the Muslim Tradition

Professor Khaleel Mohammed

King David is one of the most revered figures in Judaism, Christianity, and Islam. There are subtle differences, however, in the way he is perceived in these different religions. This class will focus on comparing the different understandings of the biblical king and how he changed from being seen as a flawed son of Israel into the sinless paragon of the Muslim tradition.

Presenter: Khaleel Mohammed is Professor of Religious Studies at San Diego State University, where he focuses his teaching and scholarship on Islamic law, interfaith relations, and comparative religion. His most recent book is David in the Muslim Tradition. Originally from Guyana, South America, Professor Mohammed received his PhD in Islamic Law from McGill University in Canada and completed a post-doctoral fellowship at Brandeis University before coming to SDSU in 2003.

Coordinator: Eileen Coblens

Time/Date: M 1:00-3:00 p.m., Feb. 6
Location: Rm. 129, UCSD Extension Complex
Exploring the Hebrew Bible: Wisdom, Parable, and Romance

Janice Alper

The Hebrew Bible is a treasure trove of ideas, stories, and wisdom that shape our lives. In this series we will read three books in the Hebrew Bible: Ecclesiastes, Ruth, and Song of Songs. Ecclesiastes, considered part of the “wisdom” literature, provides us with insight into our lives, the challenges and the glories. Ruth is a parable designed to show us how the decisions we make can have an effect not only on ourselves but also on future generations. Finally, Song of Songs shows us that love, both physical and spiritual, is an important part of our existence. You can find translations of all these texts on the Internet by searching for the name of each book. Join us for lively and insightful discussions.

Facilitator: Janice Alper is an internationally recognized Jewish educator and author of numerous articles about Jewish education. An active Osher member for many years, she is currently the Managing Editor of the Osher Literary Magazine.

Time/Date: Tu&F 10:00 a.m.-12:00 p.m., Feb. 28, Mar 10, and Mar. 14
Location: Rm. 128, UCSD Extension Complex

SCIENCE AND ENGINEERING

An Overview of International Small Modular Reactor Designs

Edward Quinn, MS

This lecture will address the many options for the advanced international deployment of small modular reactor designs, including the licensing and business case for their deployment in the coming 25 years. Included in the presentation will be the General Atomics EM-Squared, also called Energy Multiplier Module, which is compact enough to fit on a truck. Nuclear is an alternative to fossil fuels such as natural gas, is more easily sustainable, and has no carbon footprint.

Presenter: Edward Quinn has more than 35 years of experience in managing nuclear and fossil utility contracts and personnel at various utilities in the U.S. He is past President of the American Nuclear Society and has been an instructor at the MIT Summer Reactor Safety Course for more than 15 years.

SAN DIEGO NEIGHBORHOODS: NORTH PARK

Katherine Hon, MS, and George Franck, MA

This quarter’s San Diego Neighborhood lecture and tour illustrate how North Park grew from a scrub-covered mesa dotted by small farms and orchards to a bustling urban community celebrated as being hip and historic. The Saturday walking tour will use the North Park Dryden Historical District as an outdoor classroom to discuss the important people, architectural styles, and development patterns that define this popular community.

Presenter: Katherine Hon is secretary of the North Park Historical Society. She holds a Bachelor’s in Environmental Health and a Master’s in Civil Engineering. She has been a consultant in engineering and environmental issues for more than 30 years and president of her own firm since 2002. She writes a monthly column for Uptown News called Past Matters. George Franck is vice president of the North Park Historical Society. He holds a Bachelor’s and Master’s in City Planning. He worked as a regional planner and remains an active member of the American Institute of Certified Planners. Franck conducts walking tours of San Diego neighborhoods for Save Our Heritage Organization and the North Park Historical Society.

Coordinator: Carol Roberts

Time/Date: Tu 1:00-3:00 p.m., Mar. 7 and Mar 11
Location: Rm. 129, UCSD Extension Complex
He currently provides licensing support for the eight awarded IOM nuclear projects in China and is a team member for the Diablo Canyon Plant Protection System Replacement Project License Amendment. Quinn holds a BS in Electrical Engineering from Tufts University and a Master’s in Management from Rensselaer Polytechnic Institute.

Coordinator: John Kroon

Time/Date: Tu 10:00 a.m.-12:00 p.m., Jan. 17
Location: Rm. 129, UCSD Extension Complex

Bridging Men and Machines: Bioengineering the Brain-Computer Interface

Professor Todd P. Coleman

Professor Coleman returns to Osher for an update on the exciting advances in wireless electronic tattoos and other technologies being developed by his team in the Neural Interaction Laboratory at UC San Diego. The lecture will emphasize applications of technology specific to aging adults: untethered monitoring of vital signs in hospital Intensive Care Units; a temporary electronic tattoo that can measure blood-alcohol level; and a new project to assess common posture issues pertaining to walking using human 3D computer modeling.

Presenter: Todd P. Coleman is Associate Professor in the Department of Bioengineering at UCSD’s Jacobs School of Engineering. He received Bachelor’s degrees in electrical engineering and computer engineering from the University of Michigan, and Master’s and doctoral degrees in electrical engineering from the Massachusetts Institute of Technology. Advised by his faculty mentor at MIT to try something “different,” he was a postdoctoral scholar in computational neuroscience at MIT and Massachusetts General Hospital. He now devotes his interdisciplinary research to the fields of bioelectronics, medicine, and public health.

Coordinator: Steve Clarey

Time/Date: Tu 1:00-3:00 p.m., Jan. 24
Location: Rm. 129, UCSD Extension Complex

The Evolution of Alarm Communication in Bees: Honesty Is Sometimes Best

Professor James Nieh

Bee language is sometimes hard for us to imagine because it involves senses that humans do not frequently use. Pheromones, odors that communicate, are important, and although one can imagine the sharp tang of fear-sweat, alarm pheromones play a much bigger role in social insects that must defend their nests or organize like gangs to attack other bees. This lecture will present current research on this alarm communication, focusing on the example of a robber-bee species in which odors are not just for talking but may also be pure poison.

Presenter: James Nieh is a Professor of Biology at UC San Diego. His research interests are bee communication, cognition, and health. His lab studies foraging and communication in honey bees and honey-bee health. His research focuses on how neonicotinoid pesticides alter honey-bee behavior and learning and how a common pathogen, Nosema ceranae, infects bees and alters their behavior. Nieh received his BA at Harvard and his PhD from Cornell University.

Coordinator: Steve Clarey

Time/Date: Tu 1:00-3:00 p.m., Jan. 24
Location: Rm. 129, UCSD Extension Complex
Discovering the Solar System and Earth in Space and Time: From Life Origins to Mount Everest

Professor Mark Thiemens

New forensic techniques use isotopes to track a multitude of processes. Recent work using those techniques has examined the origin of life from the earliest history of the Earth to the present. Measurements of objects within our solar system, such as Mars meteorites and lunar samples, have revealed new information on the origins of the Earth and on life itself. A more immediate concern is the issue of climate change. Isotopic studies of the air, water, and glaciers across the Tibetan plateau and Mount Everest are deepening our understanding of these phenomena. This lecture will address these many applications of isotopic tracking.

Presenter: Mark Thiemens is Dean of the Physical Sciences Division and Distinguished Professor of Chemistry and Biochemistry at UC San Diego. Thiemens uses rockets to understand the chemistry of the Earth’s upper atmosphere and studies microscopic particulates transported globally in the atmosphere. This year, he was elected to the National Academy of Sciences and had an asteroid named for him in honor of his work with meteorites.

Coordinator: John Kroon

Time/Date: Tu 10:00 a.m.-12:00 p.m., Jan. 31
Location: Rm. 129, UCSD Extension Complex

Enhancing Eyewitness Credibility

Professor John Wixted

Eyewitness memory is widely believed to be unreliable because high-confidence eyewitness misidentifications played a role in over 70% of more than 340 DNA exonerations of individuals who had been wrongfully convicted. In response, researchers have argued that confidence statements made by eyewitnesses should be disregarded. However, recent research using better statistical measures suggests that relying more heavily on eyewitness confidence could do more to protect innocent defendants from being wrongfully convicted than any other eyewitness-identification reform that has been proposed to date. Like any kind of forensic evidence, eyewitness memory is unreliable when it is contaminated. When tested properly, however, eyewitness memory is extremely reliable. This lecture will examine the recent research and conclusions.

Presenter: John Wixted is an award-winning Distinguished Professor in the Department of Psychology at UC San Diego. He completed his undergraduate work at UCSD and received a PhD at Emory University. Wixted currently is director of his own memory research laboratory.

Coordinator: Jerry Kent

Time/Date: Tu 10:00 a.m.-12:00 p.m., Feb. 14
Location: Rm. 129, UCSD Extension Complex
At-Risk World Heritage and Cyber-Archaeology

**Professor Thomas Levy**

Archaeologists in the U.S. are now collaborating with the Israel Antiques Authority to integrate a trove of data about archaeological sites once controlled by Israel into the largest interactive Internet repository of data from 18,500 ancient sites in the Holy Land. The information is being added to the Digital Archaeological Atlas of the Holy Land, one of several “nodes” that make up the Mediterranean Archaeology Network. This database is the most extensive repository for archaeological site information in the Middle East.

**Presenter:** Thomas Evan Levy is Professor of Anthropology and Chair in the Archaeology of Ancient Israel and Neighboring Lands at UC San Diego. A fellow of the American Academy of Arts and Sciences, Levy is a field archaeologist with interests in the role of technology, especially early mining and metallurgy, on social evolution from the Neolithic to Biblical times. Most of his fieldwork takes place in southern Jordan, Israel, and Greece. He directs the Center for Cyber-archaeology and Sustainability at UCSD.

**Coordinator:** Steve Jenner

**Time/Date:** W 1:00-3:00 p.m., Feb. 22
**Location:** Rm. 129, UCSD Extension Complex

Our Robotic Future and How We Will Get There

**Professor Henrik Christensen**

Professor Christensen’s research focuses on human-centered robotics, specifically perception, human-robot interaction, and systems modeling. He will discuss general directions in robotics, practical applications, and his plans for the new Contextual Robotics Institute at UC San Diego, which he will direct. He will also address the strategy to bring about synergies in development as robotics advances by partnering the Jacobs School of Engineering with the Division of Social Sciences.

**Presenter:** Henrik Christensen is Professor of Computer Science at UC San Diego’s Department of Computer Science and Engineering. He is also the founding director of UCSD’s Contextual Robotics Institute, whose mission is to develop safe, useful, and human-friendly robotics systems that are deeply integrated with how humans live. Christensen received his PhD from Aalborg University in Denmark and held positions there, at the University of Pennsylvania, and at Georgia Tech before joining UCSD. In 2011, Christensen was awarded the Joseph F. Engelberger Robotics Award, widely considered the world’s most prestigious robotics honor.

**Coordinator:** Jerry Kent

**Time/Date:** Tu 10:00 a.m.-12:00 p.m., Mar. 14
**Location:** Rm. 129, UCSD Extension Complex
Reading Legacies

Betty Mohlenbrock, MEd

Betty Mohlenbrock is the founder of United Through Reading, which for more than 25 years has been connecting U.S. military families who face physical separation, through the bonding experience of reading aloud together. The organization has served almost two million beneficiaries since its founding and was the 2016 inaugural recipient of the Congressional Medal of Honor Society’s Community Service Hero Award.

Based on the United Through Reading model, in 2010 Mohlenbrock founded Reading Legacies, which benefits children with an incarcerated parent or other family member through prison educational programs encouraging reading aloud with children. This program bridges difficult separations for children, whose incarcerated parents read aloud to them on a DVD, creating a positive connection through the books, which are then mailed home with the DVD. Reading Legacies also provides opportunities for at-risk teens to become positive role models for young children through reading aloud with them.

Presenter: Betty J. Mohlenbrock received a Bachelor’s degree in Liberal Arts, and a Master’s Degree in Education, specializing in teaching reading, from the University of Illinois.

Coordinator: Steve Clarey

Time/Date: M 1:00-3:00 p.m., Jan. 9
Location: Rm. 129, UCSD Extension Complex

Challenges and Opportunities in Sustainable Development

Professor Teevrat Garg

The increased threat of climate change poses a fundamental risk to advances made over the previous century in life expectancy, reductions in poverty, and development of human capital. This lecture will examine the challenges faced by the most marginal and vulnerable populations in the world in combating these risks, while exploring the opportunities in development programs that allow the poor to adapt to a changing climate. It will also address potential roadmaps to recovering the promise of sustainable development.

Presenter: Teevrat Garg is an Assistant Professor at the School of Global Policy and Strategy at UC San Diego. He received a PhD in Applied Economics and Management at Cornell University and had a postdoctoral fellowship at the London School of Economics. His current research projects include uncovering causal mechanisms that link ecosystem health to human health, with an emphasis on irrigation in rural communities in poor countries and the problems of adapting to climate change.

Coordinator: Dick Dahlberg

Time/Date: Tu 1:00-3:00 p.m., Jan. 10
Location: Rm. 129, UCSD Extension Complex
Fact and Fiction: The Lives of Vasco Núñez de Balboa and Juan Rodríguez Cabrillo

Professor Iris Engstrand

This lecture will provide important insights into the lives of Balboa and Cabrillo, two of the most famous Spanish explorers, whose names have been intertwined with San Diego history. Professor Engstrand will correct a number of misconceptions that have appeared in textbooks and that have often been repeated in popular myth.

Presenter: Iris Engstrand earned her BA, MA, and PhD degrees from the University of Southern California. A specialist in Spanish exploration during the eighteenth century and in California history, she has been a professor of history at the University of San Diego since 1968. Engstrand is the author of 21 books and numerous separate book chapters and articles on Spain, California, and the West, including San Diego: California’s Cornerstone. She has edited The Journal of San Diego History since 2004.

Coordinator: Candace Gietzen

Time/Date: M 1:00-3:00 p.m., Jan. 23
Location: Rm. 129, UCSD Extension Complex

Active Shooter Preparedness Training

UC San Diego Police will offer training to prepare individuals to handle the threat of an active shooter. Known as ALICE: Alert, Lockdown, Inform, Counter, Evacuate, the training teaches individuals to participate in their own survival, while leading others to safety. Though no one can guarantee success in this type of situation, learning these skills will greatly increase your odds of survival.

This course will cover the following areas:
- Defining a Critical Incident
- A Brief History and Examination of Active Shooter Events
- Comparing Traditional Responses to Trained Responses in a Crisis
- Survival Mindset
- Understanding the Human Reaction Phases
- Precautions and Situational Awareness
- Defining the ALICE Concept
- Explaining Law Enforcement Response to an Active Shooter Event

Coordinator: Steve Clarey

Time/Date: Tu 10:00 a.m.-12:00 p.m., Feb 28
Location: Rm. 129, UCSD Extension Complex

The Economics of Early Childhood Development

Professor Prashant Bharadwaj

This lecture will discuss the causes and consequences of early childhood health. Investments in early childhood can have particularly high returns, and Professor Bharadwaj will cover research showing how birth weight can matter for long-run outcomes such as education and income, how parental interventions can make a difference in the trajectory of their children’s labor-market outcomes, and what policies the government can implement to improve the state of early childhood development.

Presenter: Prashant Bharadwaj is Associate Professor in the Department of Economics at UC San Diego. His work focuses on early childhood development in developed and developing countries. He received his BA from the University of Chicago and his PhD in Economics from Yale University. He has been at UCSD since 2009.

Coordinator: Candace Gietzen

Time/Date: M 1:00-3:00 p.m., Mar. 6
Location: Rm. 129, UCSD Extension Complex
The History of Drugs in Sport

Mark Johnson, PhD

“How many times do I have to say it? ... Well, it can’t be any clearer than ‘I’ve never taken drugs.’” Lance Armstrong

Until the 1960s, doping was praiseworthy, a sign of an athlete’s commitment to craft. Today, it’s a mark of deviance. This lecture explores how press coverage, medical community concerns, and counter-culture anxieties helped foster a 1960s anti-doping movement. Nationalistic and commercial interests steam-rolled still-emerging anti-doping efforts to address these artificial means of pushing the boundaries of human performance.

Presenter: Mark Johnson has covered cycling and other sports as a writer and photographer since the 1980s. His 2016 book, Spitting in the Soup, traces society’s changing attitudes toward doping in sports and our collective complicity with the widespread use of performance-enhancing drugs. A UC San Diego Revelle College graduate, Johnson also has an MA and PhD in in English literature from Boston University.

Coordinator: Ira Nelson

Time/Date: W 1:00-3:00 p.m., Mar. 8
Location: Rm. 129, UCSD Extension Complex

THEATER WORLD

February 15: Prisoner Moon: Original Screenplay by John Van Roekel

Join us for a table read of John Van Roekel’s new screenplay. The story follows Edwin, a young German soldier who was captured in France after D-Day and finds himself in a P.O.W. camp in Michigan. There, he is threatened by hardline Nazis who seem to run the camp. Doris, a headstrong young woman who comes north from Kentucky to work in a nearby bomber plant, rooms with a German-American family whose lives become intertwined with those of the camp’s prisoners. Each of the family members struggles with conflicting loyalties. The screenplay is an adaptation of Van Roekel’s second historical novel by the same name, which was discussed in Modern and Contemporary Authors last summer.

The actors in this production will sit at tables and read their lines from the script, a common practice for Hollywood movies that is generally done just before the start of filming.

John Van Roekel is a retired software engineer and an active member of Osher. He is the author of three historical novels, the latest being Lorenzo’s Assassin.

Director: TBA
Room 129, 1 pm
March 1: Original Plays by Osher Members

We invited members to write original plays of five-to-ten minutes in length. A selection committee has chosen several of the submissions to be performed in this exciting Theater World production.

**Director**: Lucy Lehman is a retired teacher who has studied and lived in France and Italy. She worked in theater productions in college and elsewhere. Lehman has also written fiction and plays and hopes to have a novel published in the future.

**Coordinators**: Jeff Earnest and Marcia Wyrtzen

**Room 129, 1 pm**

March 15 and 18: America Sings: Music of the People

Folk music has always been a reflection of our culture and a unique way of communicating the issues that have shaped the American character and people. This music has allowed us to communicate and reflect upon our history and culture. Singers and songwriters have tapped the struggles and spirit of the American people and our deeply held hopes and fears.

Join us in celebrating this uniquely American musical tradition.

**Directors**: Jay Berman, Bob Young, and Fran Zimmerman

**Room 129, 1 pm**

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**WEDNESDAY AT THE MOVIES**

**Wednesday at the Movies**

January 11

*I’ll See You in My Dreams* PG-13
92 minutes Comedy, Drama, Romance 2015

With her well-ordered life thrown out of balance by the death of her beloved canine companion, aging widow Carol Petersen, who hasn’t dated in 20 years, unexpectedly finds herself involved with two very different men.

Blythe Danner, Sam Elliott, Martin Starr

January 25

*Up* PG
102 minutes Animated 2009

After a lifetime of dreaming about traveling the world, 78-year-old homebody Carl flies away on an unbelievable adventure with Russell, an 8-year-old Wilderness Explorer. Family action movie that any age will enjoy.

Edward Asner, Christopher Plummer

February 1

*The Hurricane*

2 hours 26 minutes Sports Biography, Drama 1999

The story of Rubin “Hurricane” Carter, a boxer wrongly imprisoned 19 years for murder, and the people who aided in his fight to prove his innocence.

Denzel Washington

**Note**: This film is being shown as background for the February 9 lecture by Judge H. Lee Sarokin, who ultimately freed Carter, invalidating his conviction on the ground that it was “predicated upon an appeal to racism rather than reason, and concealment rather than disclosure.”
February 8

*Mustang* PG-13
92 minutes Comedy, Drama, Romance 2015

Oscar-nominated Foreign Film from Turkey. Enraged by her granddaughters’ flirtations with some male classmates, a strict Turkish grandma refuses to let her young charges out of the house to keep them from ruining their marriage chances. But the girls find ways to circumvent the restraints. Joyful, sad, cute, and funny.

February 22

*Hologram for the King* R
97 minutes Drama 2016

Teetering on the edge of bankruptcy, U.S. businessman Alan Clay tries to reverse his fortunes by landing a lucrative contract in Saudi Arabia. As Alan attempts to navigate his way through an unfamiliar culture, he finds romance. Director: Tom Tykwer.

Tom Hanks, Alexander Black, Sarita Choudhury

March 8

*Learning to Drive* R
89 minutes Comedy 2015

Soon-to-be-divorced Wendy signs up for driving lessons; her instructor is Darwan, a Sikh immigrant to America. Though their cultural perspectives are poles apart, the two begin to develop a bond that transcends their differences.

Patricia Clarkson, Ben Kingsley, Grace Gummer

**Time/Date:** W 1:00-3:00 p.m., Jan. 11-Mar. 8

**Location:** Rm. 128, UCSD Extension Complex
Parking at UC San Diego includes permit-only parking lots and structures; the use of public transportation is encouraged. Information about public transportation is available in the Osher office.

You decide on the parking permit option that is right for you, Annual, Monthly or a 10-Day Occasional Use Pass. Parking permits can be purchased at the Gilman Parking Office.
BECOME A MEMBER TODAY!
Think green! Save paper and time.
Register online at olli.ucsd.edu

Prorated Annual Membership Section ID #121505: $230
Winter Quarter Membership Section ID #121506: $160
Monthly Membership: $75
Affiliate Membership: $25

TO ENROLL:

Via Internet:
Visit olli.ucsd.edu/membership

By Phone:
Call Extension Student Services (858) 534-3400

In Person:
Extension Student Services, Building C,
9600 North Torrey Pines Road, La Jolla, CA 92093
What is the Affiliate Membership Program?

A membership level that provides online access to the extensive video library of recorded lectures that Osher has cultivated over the years.

Who is this program for?

Anyone who cannot attend classes in person at the Osher Lifelong Learning Institute on the UC San Diego campus. This membership option is available for individuals and groups who would like to participate in the Osher program and continue to enrich their lives through lifelong learning.

What is the cost?

Individuals can join Osher as an Affiliate Member for just $25 per calendar year.

How to Join

Call UC San Diego Extension Students Services at 858-534-3400

Online at http://olli.ucsd.edu/membership

Affiliate Member Partnerships

Osher at UCSD has collaborated with the following local senior living and retirement facility complexes to make the Affiliate Membership program and online video library available to their residents:

* Vi at La Jolla Village
* Casa de Manana
* Ocean Hills Country Club
* Seacrest Village

*Have your Activities or Lifestyle Director contact Osher at olli@ucsd.edu if you are interested in establishing this program at your current facility.

A sample of lectures available in the Osher Online Video Library

*The entire listing of available videos can be found here: http://olli.ucsd.edu/documents/OsherVideoLibrary.pdf

Art History:

· Derrick Cartwright: Transforming American Art: The Harlem Renaissance: Archibald Motley and Jacob Lawrence
· Linda Blair: Renoir and Degas: A Fresh Look at French Impressionism

Humanities:

· Everard Meade: The Deportation Dilemma
· John Putman: History of the Cold War (series)

International Relations:

· Collin Laverty: Change in Cuba: A Society and System in Motion
· Sandy Lakoff: Murder and Mayhem in the Middle East

Law and Society:

· Glenn Smith: Inside the Marble Palace: The Supreme Court (series)
· Donald Dripps: Race and Crime in the Twenty-First Century

Medicine and Life Sciences:

· Garth Powis: Cancer Research at Sanford Burnham Prebys Institute
· Jim Mannion: U.S. Prescription Drugs: Hope, Anger, and Politics

Science and Engineering:

· Martin Chrispeels: False Food Fears and Science-Based Agriculture (series)
· James Conca: Is a Global Energy Policy Achievable?
Directions to Hojel Hall (Institute of The Americas):

- Coming from the north on N. Torrey Pines turn left into Pangea Dr.
- Coming from the south on N. Torrey Pines turn right into Pangea Dr.
- Turn left into the Pangea parking structure driveway (P435).
- Walk across Scholars Dr. to Institute of The Americas building number 453.
- See map.
The Osher Lifelong Learning Institute at UC San Diego features over 120 classes per quarter, plus tours and social events each year. Class subjects include art, science, medicine, literature, economics, politics, history, theater, distinguished lectures by national and local leaders in government, and live musical performances.

Osher Lifelong Learning Institute members enjoy:
- Convenient daytime class hours
- No prerequisites, grades or tests
- Opportunity to audit most UC San Diego classes
- Free use of the UC San Diego libraries
- Social opportunities

For more information:
call (858) 534-3409
e-mail olli@ucsd.edu or visit olli.ucsd.edu