WINTER 2022

Course Catalog
Osher Lifelong Learning Institute
@ Santa Clara University (OLLI@SCU)

COURSE REGISTRATION: Wednesday, December 8
COURSES START: Monday, January 3 – Thursday, March 17

Website: scu.edu/osopher | Email: olliatscu@gmail.com
TABLE OF CONTENTS

A Message from the OLLI Office ................................................................. 2

A Message from the Chair of Curriculum ............................................. 3

Things to Know Before You Register for OLLI Classes .................. 4

Course Offerings ............................................................................... 5

Course Descriptions ......................................................................... 6 - 22

Spotlight on SCU .............................................................................. 19

Registration Information ................................................................. 23 - 24

Course Registration Instructions ...................................................... 25

Zoom Instructions ............................................................................ 27

Membership Information ................................................................. 27

Osher Information ............................................................................ 28

Parking Information .......................................................................... 29

Campus Map .................................................................................... 30
Dear Members,

Welcome to our Winter Quarter. The season is changing and you can feel it in the air; the holidays are approaching quickly. Like most of you, the office is working daily to get everything done, timely and efficiently, before the vacation days kick into full gear and people leave for their well-earned holiday breaks.

While most of you enjoyed relaxing at home and participating in your Zoom courses this Fall, we had a number of members venture out and join us here on campus for the courses that were located in a very large classroom in Charney Hall’s (Law school). It was wonderful to see our members coming to campus and then being able to grab some lunch afterwards at a restaurant of their choice. By the way, thanks for the invites, I’m sorry we couldn’t make it!

We know you are all aware that we have had to reengineer our OLLI business model over the past year and a half and work to ensure all our members are having an exceptional experience taking our classes, either on Zoom or in-person. With that pivot in mind, half of our offerings for Winter will be on campus with the caveat that if we can’t fill the venue, the class will revert back to a Zoom class to boost the enrollment. Additionally, some situations completely out of our control would also make this a possible course of action. It’s important for these policies to be clearly stated to avoid any disappointment in a change of how a class is presented. The OLLI office does our best to keep our standing commitments, unless we are forced to make a change.

The OLLI program thrives on your enrollment and participation; but during COVID and its aftermath our membership enrollment is down significantly and so are our class enrollments. OLLI@SCU must do everything possible to stay sustainable. The university does not have any fiduciary responsibility for the OLLI department. We are on campus now for the 17th year running, because of our dedicated community of Lifelong Learners wanting to continue the mission of taking classes and extending their education well into their experienced years of life. If you haven’t already done so, please consider donating to the OLLI program. Any contribution will be greatly appreciated.

For those of you who wrote into the office, thank you. We hope during this Winter quarter more people will feel comfortable coming back and signing up for classes on campus. If you had a good experience in the Fall, please let other members know this. We are open for business and booking rooms for this next set of courses, so that those who are able and wish to be present can come back and reconnect.

Please share this message with your friends, neighbors and others who are able to participate.

From: The OLLI Office (Andrea, Grace, Julia, and Maya)
Dear Members,

Winter is coming to OLLI@SCU. Are you ready for some in-person classes? This fall, we have been able to offer some classes on campus. The feedback has been positive; however not many of you joined us. We are going to propose more in-person classes for winter but this will only work if you are ready to trust the system explained by Andrea.

We will be offering 8 Zoom classes and 8 in-person classes. But as you know from fall, if enough of you don’t sign up, some on-campus classes may revert to Zoom. If there is a campus issue, we have no choice. But an enrollment issue is entirely up to our members.

Perhaps I can entice you with the variety of classes being offered in both formats. We have two classes related to Indigenous People: one on literature and one focusing on those of the Southwestern USA. We have some of your favorite history instructors - Chantler, Senkewicz, Kenning, McGough, and Zafar - touching on immigration, reconstruction, the Kennedys, the Schuyler Family of Hamilton fame and the Middle East.

If you are of a mind to look at the practical side of life, you can learn to understand the news on business, contemporary topics in economics, and how party politics are changing in Europe. On the science side, we start with you and your genes and then move out to the universe. And for entertainment, we offer the music of Motown, another Film Odyssey with Larson and a new course on Leonardo and the Science of Painting, which combines science and art.

Of course, you have to read the catalog to really get the gist of these courses and our wonderful instructors. On page 5, you can see the day-by-day schedule showing which classes are on campus and which are on Zoom. If you are still nervous about coming to campus (masked and vaccinated), you can start with a short course to see how it feels. Or you can come to our Spotlight SCU Faculty presentation: The Ethics of Artificial Intelligence, a free one-afternoon event for members only. This is a no-risk way to see how safe SCU campus is. I hope to see you all on campus soon.

Carol Ross
Curriculum Committee Chair
THINGS TO KNOW

Before you register for OLLI Classes:

- Courses will be offered in two formats, either ONLINE ONLY via Zoom or IN-PERSON ONLY. In-person classes are subject to SCU policy guidelines and mandates.

- The SCU Development office requires two business days to ensure that your payments have been processed and your profile shows that you have successfully paid for a particular course. If you miss the two-day cut-off, just send the OLLI office a copy of your email confirmation, showing payment has been made. If you registered for an ONLINE class, we will forward the email link that grants you access to your class session. If you registered for an in-person class, please email us a copy of your vaccination card so you can be added to the class roster.

- IN-PERSON Classes:
  - Masks must be worn indoors.
  - You will need to show proof of vaccination no later than 5 days before the start of your class session. You will NOT be permitted to attend an in-person class without it. Please remember, you cannot just show up on the day of class and present your card, it needs to be in advance of the class start date.
  - Currently, any classes scheduled to be in-person can, at any time, be converted to a Zoom course if the University mandates appear before the scheduled dates or instructors have converted their course to be on Zoom.
  - There will be no refunds for courses that are converted from in-person to Zoom. Your class will still proceed at the scheduled times and dates.

- ONLINE Classes:
  You will receive an email from the OLLI office 24 hours before the start of your first class session. The link will grant you access to your class via Zoom. If you do not receive the email, please contact the OLLI office at olliatscu@gmail.com and we will assist you.

- Please be sure to register for each course at least two days prior to the start of the class session so that you can receive the email link that grants you access to it. You may register for a course that has already started at any time, but you will pay the full price. Course fees are NOT prorated or transferable.
COURSE OFFERINGS

MONDAYS
- **ONLINE ONLY: Italian Immigration to America**, with Douglas Kenning - January 3, 10, 24, and 31 (No Class January 17) from 10:00 a.m. - 12:30 p.m.
- **IN-PERSON ONLY: The Elegant Universe of Motion, Electricity & Magnetism**, with Awanish Mishra February 7, 14, 28, March 7, and 14 (No Class February 21) from 10:00 a.m. - 12:00 p.m.
- **ONLINE ONLY: Native American Literature**, with Michelle Burnham - February 7 and 14 from 2:00 p.m. - 4:00 p.m.

TUESDAYS
- **IN-PERSON ONLY: Indigenous People of the Southwest**, with Loretta Fowler - January 4, 11, 18, 25, and February 1 from 10:00 a.m. - 12:00 p.m.
- **IN-PERSON ONLY: How People Learn Languages**, with Marianne Nikolov - February 8 and 15 from 10:00 a.m. - 12:00 p.m.
- **IN-PERSON ONLY: Changing Party Politics in Europe**, with Diana Morlang - February 8 and 15 from 2:00 p.m. - 4:00 p.m.
- **ONLINE ONLY: The Schuyler Family: Dutch Dynasty on the Hudson**, with Susan McGough - February 22, March 1, and 8 from 1:00 p.m. - 3:00 p.m.
- **ONLINE ONLY: Accounting Concepts for Understanding Current Events**, with Roman Weil - March 1 and 8 from 10:00 a.m. - 12:00 p.m.

WEDNESDAYS
- **IN-PERSON ONLY: Film Odyssey: Undiscovered Cinematic Gems! Five Rarely Seen Classic Films!**, with Mark Larson - January 5, 12, 19, 26, and February 2 from 10:00 a.m. - 12:30 p.m.
- **ONLINE ONLY: Contemporary Topics in Economics**, with Jon Haveman - January 5, 12, 19, 26, February 2, and 9 from 1:00 p.m. - 3:00 p.m.
- **ONLINE ONLY: The Kennedy Dynasty: Joseph and Jack**, with Mick Chantler - February 16, 23, March 2, and 9 from 10:00 a.m. - 12:00 p.m.
- **ONLINE ONLY: History and Culture of the Middle East**, with Naeem Zafar - February 16, 23, March 2, 9, and 16 from 3:00 p.m. - 5:00 p.m.

THURSDAYS
- **IN-PERSON ONLY: From Jim Crow to Civil Rights and Beyond**, with Robert Senkewicz - January 6, 13, 20, February 3, and 10 (No class January 27) from 10:00 a.m. - 12:00 p.m.
- **IN-PERSON ONLY: Spotlight on SCU: Can I Trust Artificial Intelligence (AI)?**, with Don Heider - January 27 from 1:00 p.m. - 3:00 p.m. (FREE MEMBER EVENT)
- **IN-PERSON ONLY: Leonardo and the Science of Painting**, with Christy Junkerman - February 17, 24, March 3, 10, and 17 from 1:00 p.m. - 3:00 p.m.

FRIDAYS
- **IN-PERSON ONLY: You and Your Genes: Genetic Testing and Ethics**, with Leilani Miller - January 7, 14, 21, 28, and February 4 from 1:00 p.m. - 3:00 p.m.
- **ONLINE ONLY: Motown Records: The Greatest Soul Music Record Label**, with Richie Unterberger - February 4, 11, 18, 25, March 4, and 11 from 10:00 a.m. - 12:00 p.m.
ONLINE ONLY: ITALIAN IMMIGRATION TO AMERICA

Monday, January 3, 10, 24, and 31 (No Class January 17)
10:00 a.m. - 12:30 p.m.
$115

Immigration to the United States, if you make a graph of it, becomes an undulating landscape with twin peaks: the great wave of Eastern European Jews and Italians at the turn of the 20th Century and the Hispanic-Asian immigration of today. The first wave shaped what America is now and the second is shaping the future. Through this course, we will follow these Italian immigrants from La Miseria through the Golden Door to East Harlem. We will look at the moments when Italians arrived to build today’s America. We will begin, of course, with the first time Italians found America, proceed through the colonial period (when Italians composed the phrase “All men are created equal”, built Monticello, and started the Marine Band), on to the founding of the California wine and fisheries industries, lingering longest on Ellis Island and the mean streets of New York, and finish with the high-tech, high-science brain drain of today.

Douglas Kenning who has a Ph.D. from The University of Edinburgh, has taught aspects of Western Civilization at universities in Tunisia, Japan, Italy, and USA. He has been a professional biologist, actor, army officer, Manhattan taxi driver, academic administrator, and writer. He lives half the year in the Bay Area, lecturing on Mediterranean histories and cultures, and half the year in his ancestral Sicily, where he runs “Sicily Tour” and leads history and myth-focused tours.
IN-PERSON ONLY: THE ELEGANT UNIVERSE OF MOTION, ELECTRICITY & MAGNETISM

Monday, February 7, 14, 28, March 7, and 14 (No Class February 21)
10:00 a.m. - 12:00 p.m.
Guadalupe Hall Room 150 and 151 (Maximum Occupancy 70)
$115

Classical mechanics is the Cosmic Tango, the motion and forces (the dance) of everyday objects. We will look at the fascinating history and current state of classical mechanics and electricity and magnetism (E&M). E&M studies the motion of charged particles and how they are related as a fundamental force of nature. In this class, you will meet the men and women who developed theories and applications of the science of motion and E&M. We will discuss how Newton’s Laws of Motion apply to our everyday lives, helped send us to the Moon and allow us to understand the Universe. We will dip our toes into the charged world of E&M and how it affects everything in our Universe, including you, me and the underpinnings of virtually all technologies. Examples and demonstrations will further cement our understanding. The only prerequisite for this class is your curiosity for learning how the world works. No math background is required.

Awanish Mishra has more than 30 years of science and business experience. He holds a BS degree in Chemistry with a minor in Quantum Physics, along with an MS degree in Physical Chemistry. Before entering the high tech industry, he spent several years in nuclear chemistry/physics research. He has studied Astrophysics, is an amateur astronomer, and enjoys astrophotography. His personal interests include quantum mechanics, stellar life-cycle and Einstein’s theories. He is passionate about astronomy, astrophysics and technologies based on quantum mechanics. He spends much of his free time studying and sharing his passion for science – which he strongly believes anyone can enjoy at any level.
ONLINE ONLY: NATIVE AMERICAN LITERATURE

Monday, February 7 and 14
2:00 p.m. - 4:00 p.m.
$60

A brief introduction to and overview of Native American literature, the course includes some background on indigenous storytelling traditions, beginning with pre-colonial forms of narration and including some of the earliest indigenous writers to appear in print. We then shift to contemporary indigenous writers, taking care to represent the incredible diversity of styles and genres engaged in Native American writers across tribes and regions. Students who have read Tommy Orange's *There There* *There* will have an opportunity to discuss this novel, set in Oakland.

*Michelle Burnham* is a scholar of colonial American and Native American literature who has been teaching at Santa Clara University for over 20 years. She is interested in global literatures, in recovering lost and forgotten literary and cultural voices, and in inspiring students to connect with other cultures and historical periods through reading literary texts. This is her first OLLI course.
IN-PERSON ONLY: INDIGENOUS PEOPLE OF THE SOUTHWEST

Tuesday, January 4, 11, 18, 25, and February 1
10:00 a.m. - 12:00 p.m.
Guadalupe Hall, Room 150 and 151 (Maximum Occupancy 70)
$115

We will focus on the history and culture of the Hopi and Navajo of the American Southwest, with a focus on gender relations. The Hopi are farmers and the Navajo raise livestock. These commitments were central to their cultural identities in the past, as well as today. We will learn about the lives of the Hopi and Navajo before and during contact with Spain in the 16th century and beyond, followed by the period of American influence and control beginning in the mid-19th century. Both the Hopi and Navajo are peoples with a gender system that assigns ownership of land and food and major decision-making in families and local communities to women. We will consider how Hopi and Navajo gender relations have shaped women's and men's responsibilities in economics, politics, kinship relations, religion, and social education rituals associated with child rearing, puberty and marriage. Finally, we address the issue of matriarchy: do Hopi and Navajo women occupy dominant positions in their societies or is the term “matriarchy” misapplied in these cases?

Loretta Fowler is Professor Emerita from the University of Oklahoma. She received her Ph.D. in Anthropology from the University of Illinois and taught at City College of New York, Indiana University, and the University of Oklahoma. Dr. Fowler is the author of seven books, including Wives and Husbands: Gender and Age in Southern Arapaho History and Beyond Red Power: American Indian Politics and Activism since 1900 (co-editor). She has also written many articles on Native American culture and history. Her research includes fieldwork on reservations in Wyoming and Montana, Cheyenne and Arapaho communities in Oklahoma, and Menominee and Oneida reservations in Wisconsin. She is a past-president of the American Society for Ethnohistory.
IN-PERSON ONLY: HOW PEOPLE LEARN LANGUAGES

Tuesday, February 8 and 15
10:00 a.m. - 12:00 p.m.
Guadalupe Hall, Room 150 and 151 (Maximum Occupancy 70)
$60

How do children, adolescents, and adults learn their first and additional languages? Is there a critical period for language learning? How does subconscious language acquisition and conscious learning interact in the language learning processes? Why do some people maintain their accents, whereas others sound like native speakers? In answering these questions, we will discuss how monolingual and plurilingual people are different, what makes some gifted people faster and better learners of languages than others, and what the keys to successful language learning are. The course will draw on theories and empirical studies of second language acquisition, foreign language learning, and language socialization and discuss how language and cultural learning are related. Course participants will learn what role alcohol may play in pronunciation, why the height of a teacher of English may matter with young learners, how polyglots learn languages, why students with access to a lot of extramural English are bored in school, and what Duolingo and other apps can help you do.

Marianne Nikolov is a Professor Emerita at the University of Pécs, Hungary. She moved to the Bay Area a few years ago after her retirement. Her expertise is in English language education, applied linguistics, and teacher education. Her research focuses on teaching and learning of English as a foreign language, early language learning, and assessment. Her website is:

http://ies.btk.pte.hu/content/nikolov_marianne.

scu.edu/osopher | olliatscu@gmail.com | 10
IN-PERSON ONLY: CHANGING PARTY POLITICS IN EUROPE

Tuesday, February 8 and 15
2:00 p.m. - 4:00 p.m.
Charney Hall, Room 102  (Maximum Occupancy 125)
$60

Is this the End of the Party? Politics in Europe is changing from traditional parties to upstart parties to anti-party politics. How has the style and role of political parties changed in European democracies? What effect is this having on politics and democracy in Europe? We will look at how political parties traditionally represented voters and shaped government until the late 20th century, and what social and political challenges began to reshape the role of parties. As new parties emerge, they highlight new issues and identities in European societies, and pose new challenges to traditional party systems and the way democratic governments form in Europe. Yet even new parties are struggling to maintain voter support and to solve the public policy challenges facing European governments. European citizens increasingly turn to other means of voice and representation outside of parties, including protest movements. This course offers insight into what happens when political parties no longer dominate democracy in Europe, and how changing party systems affect the quality of democracy, the stability of governments, and the governability of European society.

Diana Morlang studied International Relations at UC Davis, spending several years as an exchange student in Denmark and Hungary. She attended graduate school at Duke and holds a Ph.D. in Comparative Politics. She has been part of the SCU political science department since 2000, teaching classes in Comparative Politics, European and EU Politics, Women and Politics, and Comparative Immigration Politics. She also works in the Drahmann Advising Center helping undergraduates chart their academic voyages; and teaches Zumba for the city of Santa Clara.
ONLINE ONLY: THE SCHUYLER FAMILY: DUTCH DYNASTY ON THE HUDSON

Tuesday, February 22, March 1, and 8
1:00 p.m. - 3:00 p.m.
$85

We know a bit about Eliza, Angelica and Peggy from Hamilton, but what happened to them? And what about the rest of their family? Their parents were both members of prominent Dutch American families. Their father was a General in the American Revolution. The eldest sister married an Englishman. The second lived long after her husband’s death and was a founder of an orphanage. The third married the tenth richest man in American history. They were all bright and well-educated. Their mother, a Van Rensselaer, managed a large household and had fifteen children. In this short course, we'll look at the world of Dutch patroons on the Hudson (or North) River and the impact they had on American history.

Susan McGough has an MA in American Studies from the University of Hawaii and also studied at the University of Edinburgh, the University of Dayton, the University of Virginia, and Bowling Green State University. She has taught both American history and literature at the undergraduate level. As a university continuing education administrator, she worked with lifelong learning institutes and professional development programs for over thirty years. She teaches for a number of Osher Lifelong Learning Institutes and community-based programs.
ONLINE ONLY: ACCOUNTING CONCEPTS FOR UNDERSTANDING CURRENT EVENTS

Tuesday, March 1 and 8
10:00 a.m. - 12:00 p.m.

$60

What accounting lingo do you need to know to understand what is in the news stories of the day? We will use the fundamental principles of accounting to explore current events—news and controversies. The aim is to increase your comprehension of accounting and financial economic basics and their application in business. Students will appreciate the implications of accounting policies and procedures as they apply to business transactions and how regulators, politicians, the press, and the courts view those transactions. Accounting is the language of business and you will learn what many who do business for a living don’t know, but think they do. You will learn enough about the accounting vocabulary, e.g., the difference between income and profits, so that you don’t confuse financial concepts. If you can’t think clearly about the two sides of a balance sheet, you can’t understand discussions about complex business transactions, such as those described in the press. A background in accounting or economics is not expected for this course.

Roman Weil received a bachelor’s degree in Economics and Mathematics from Yale University and both an MSIA and a Ph.D. in Economics from Carnegie Mellon. He is an Emeritus faculty member from the Chicago Booth School of Business. He studies financial literacy and corporate governance, and issues that arose from the accounting scandals most infamously with Enron. Weil was co-founder and co-director of the Chicago/Stanford Directors’ Consortium, which taught corporate directors how to do their jobs better. He has been visiting professor at Berkeley Haas, Johns Hopkins, Stanford Law and Business Schools, Harvard Law School, Princeton Economics Department, NYU Stern School, Carnegie Mellon, Georgetown University, and UC San Diego. Weil has been a CPA in Illinois since 1973 and a CMA from 1974 until his retirement in 2008. He is the co-author of a dozen textbooks and is the senior editor of the Litigation Services Handbook. He has consulted for the U.S. Treasury Department, the Securities and Exchange Commission, the Financial Accounting Standards Board, and the Public Company Accounting Oversight Board.
IN-PERSON ONLY: FILM ODYSSEY: UNDISCOVERED CINEMATIC GEMS! FIVE RARELY SEEN CLASSIC FILMS!

Wednesday, January 5, 12, 19, 26, and February 2
10:00 a.m. - 12:30 p.m.
Guadalupe Hall, Room 150 and 151 (Maximum Occupancy 70)
$135

We set sail once again on our Film Odyssey for five rarely shown motion picture masterpieces. Delight in the spiritual pratfalls of the after-life with Meryl Streep and Albert Brooks in Mr. Brooks’ “Defending Your Life” (1991); Burt Lancaster is extraordinary as a man confronting mysterious suburban truths in Frank and Eleanor Perry’s “The Swimmer” (1968); an aging Charles Coburn revisits his youth and finds Rock Hudson and Piper Laurie in a great comedy from Douglas Sirk “Has Anybody Seen My Gal” (1952); nattily attired Joan Crawford and Hope Lange battle for love in the world of New York publishing in “The Best of Everything” (1959); and our last stop is with young drifter Natalie Wood who shines in the story of a small town turned upside down by plague in Alan Dwan’s “Driftwood” (1947). A spirited group discussion follows every film.

Mark Larson is a filmmaker, teacher and scholar. For over twenty years, he has taught film history courses at Hartnell College, Santa Clara University and Stanford University, as well as setting up film programs for the Cupertino and Santa Clara Public Libraries. He is a member of Domitor, an international group of scholars and cinephiles whose interest is in films made before 1915. He is also a director of a theater group - Alma Loop - which received a grant from the City of San Jose to produce works by Samuel Beckett in parks and plazas across San Jose in October 2021.
ONLINE ONLY: CONTEMPORARY TOPICS IN ECONOMICS

Wednesday, January 5, 12, 19, 26, February 2, and 9
1:00 p.m. - 3:00 p.m.
$135

Economics plays a central role in the functioning of every aspect of society. It plays this role primarily through the actions of governments at the federal, state, and local levels. Given the centrality of its role, this course will address a set of prominent policy issues where economics is at their core. We will explore these issues in detail, including their origins as policy matters, the underlying data and evidence, and what policy levers are available to deal with them. The focus will be on what the economics profession collectively understands to be true about the issue. The structure of the course will be an initial lecture on the U.S. economy delivered by Jon Haveman. Subsequent lectures will be taught by subject matter experts who are members of the National Economic Education Delegation (NEED) and have a Ph.D. in Economics. Potential topics include Climate Change Economics, Healthcare Economics, Economic Inequality and others. The topics presented will be determined by what is of most interest at the time of the course.

Jon Haveman is the Executive Director of NEED and holds a Ph.D. in Economics from the University of Michigan. A noted California economist, he has been practicing there since 2001. He has a reputation for providing audiences with economic information that is readily useful in their work and private lives. Prior to starting NEED, He was a principal at Marin Economic Consulting, a founding principal at Beacon Economics and the Director of the Economy Program at the Public Policy Institute of California. He has been a Senior Economist with the President’s Council of Economic Advisers, an Economist with the Federal Trade Commission, and held a faculty position in the Business School at Purdue University. Dr. Haveman is an expert on economic policy issues and speaks regularly at events across California. His more than 400 talks have covered a wide range of policy topics.
ONLINE ONLY: THE KENNEDY DYNASTY: JOSEPH AND JACK

Wednesday, February 16, 23, March 2 and 9
10:00 a.m. - 12:00 p.m.

$115

Few American families have equaled the political and cultural influence that the Kennedys wielded for over half a century. During his heyday, Patriarch Joseph Kennedy was a major player on Wall Street, in Hollywood and Washington, even considered by some to be a possible rival or heir apparent to F.D.R. In the process, he amassed a fortune which he put at the disposal of his politically ambitious sons. His photogenic and (sometimes) charismatic offspring won three Senate seats, and of course Jack presided over “Camelot.” This class is Part One of a two-part course in which we will examine the key players in this remarkable clan, beginning in Part One with lectures on father Joseph and his handsome, rakish son Jack. Part Two will cover “after Camelot” and discuss the impact of other descendants of Joseph, such as Bobby and Teddy plus the ladies: Rose, Jackie and Ethel. It will be offered at the beginning of the spring term. Both parts stand alone.

Mick Chantler has been a student and instructor of early American studies for over fifty years. He has an M.A. in History and currently teaches at several Bay Area Lifelong Learning Programs, including Santa Clara University, Sonoma State University, Dominican University, and U.C. Berkeley. His primary interests include the Revolutionary and Civil War Eras. Currently he is developing classes on the Kennedy Family and the career of Lyndon B. Johnson. Mick is a member of several scholarly organizations, including the Society for American Baseball Research. He has lived in Sonoma since 1960.
ONLINE ONLY: HISTORY AND CULTURE OF THE MIDDLE EAST

Wednesday, February 16, 23, March 2, 9, and 16
3:00 p.m. - 5:00 p.m.
$115

We will start with an overview of the history that shaped the land called the Middle East today and created the Kingdoms of Egypt, Saudi Arabia, modern Iraq, Syria, Lebanon, and Israel. We will quickly focus on the 20th century and outline the history, politics, culture, and people of the region. We will also examine the role played by the discovery of oil in the region and what the future holds. We will learn about many of the countries that sprouted as a result of European intervention after World War I. There will be a lot of pictures from ancient ruins to modern must-see places that will enhance your understanding of this region.

Naeem Zafar has been teaching at the University of California, Berkeley since 2005. He is a Dean’s Teaching Fellow, lecturer and Industry Fellow at the Center of Entrepreneurship and Technology. He is also an adjunct professor at Northeastern University. He teaches courses in Entrepreneurship, Technology Strategy, Innovation and New Venture Finance. Naeem is also a serial entrepreneur and currently the co-founder and CEO of TeleSense, a company creating solutions in AgTech space. He has authored five books on entrepreneurship and frequently teaches in our Armchair Traveler series. Information can be found on www.NaeemZafar.com.
IN-PERSON ONLY: FROM JIM CROW TO CIVIL RIGHTS AND BEYOND

Thursday, January 6, 13, 20, February 3, and 10 (No Class January 27)
10:00 a.m. - 12:00 p.m.
Charney Hall, Room 102  (Maximum Occupancy 125)
$115

We will look at the development and strengthening of formal racial segregation in both the old Confederacy and the North, and at the persistent efforts of African-Americans to end that system. Those efforts reached a kind of climax with the 1965 Voting Rights Act that followed the “Bloody Sunday” beating on a bridge named for a former Grand Wizard of the Alabama Ku Klux Klan. But that climax proved not to be decisive or long-lasting. We will examine the racial reactions and backlash that ensued. This course is a follow-up to the Winter 2021 course “From Fort Sumter to Jim Crow” but you do not need to have taken the earlier course as each class is self-contained.

Robert M. Senkewicz is Professor of History Emeritus at Santa Clara University. He and Rose Marie Beebe have collaborated on a number of books on the history of Spanish and Mexican California, including The History of Alta California; Lands of Promise and Despair: Chronicles of Early California, 1535-1846; Testimonios: Early California through the Eyes of Women, 1815–1848; and “To Toil in That Vineyard of the Lord”: Contemporary Scholarship on Junipero Serra; and Junipero Serra: California, Indians, and the Transformation of a Missionary. Their current project is on Mariano Guadalupe Vallejo's five-volume autobiography and history of California. They are in the process of translating and annotating this very important manuscript.
IN-PERSON ONLY: SPOTLIGHT ON SCU: CAN I TRUST ARTIFICIAL INTELLIGENCE (AI)?

Thursday, January 27
1:00 p.m. - 3:00 p.m.
Benson Memorial Center, William Room  (Maximum Occupancy 150)
FREE MEMBER EVENT

In an age of Roombas, smart houses, and artificial intelligence (AI), do you trust your devices? Or are they constantly surveilling you and, unbeknownst to you, sending your every move and preference to a giant database? And if so, is there anything you can do about it? Don Heider, the Executive Director of the Markkula Center for Applied Ethics, will address these questions in his presentation on the ethics of AI and devices in our lives.

Don Heider is the chief executive of the SCU’s Markkula Center for Applied Ethics, with full responsibility for vision, strategy, fundraising, and leadership. In addition to his role as executive director, Heider serves as the John Courtney Murray, S.J. University Professor of Social Ethics and holds an appointment as Professor of Communication.

Formerly, Heider was the Associate Provost for strategy innovation and Dean of the School of Communication at Loyola University in Chicago. He also was the founder of the Center for Digital Ethics and Policy at Loyola. He served as Associate Dean of the Philip Merrill College of Journalism at University of Maryland, College Park, and as Associate Professor of Journalism at University of Texas, Austin.

Heider began his career as a TV journalist and received five Emmy awards for his work. He is the author or editor of seven books including A Practical Guide to Digital Journalism Ethics and Ethics for a Digital Age.

The Markkula Center for Applied Ethics brings the traditions of ethical thinking to bear on real world problems. The Center also serves professionals in fields from business to health care, from government to the social sector, providing innovative approaches to problems from fake news to privacy protection.
IN-PERSON ONLY: LEONARDO AND THE SCIENCE OF PAINTING

Thursday, February 17, 24, March 3, 10, and 17
1:00 p.m. - 3:00 p.m.
Harrington Learning Commons, Library Viewing and Tapping Room A (Maximum Occupancy 55)
$115

Leonardo da Vinci’s training in the workshops of 15th Century Florence led to a fundamental commitment to link his painting to visual perception and to make the painting a “window on the world.” But with his brilliant curiosity and boundless patience, he began to understand the painter’s practice, including the essential stage of drawing, not as a craft, or even as an art in our terms, but as a scienzia, a science. That is to say, he conceived of painting and drawing as a means to knowledge of the natural world and an exploration of natural processes. He developed ground-breaking techniques to make painting and drawing capable of preserving that knowledge and communicating what he had observed to others. It has been suggested that in his thousands of pages of notebooks, he invented scientific drawing. Even his portraits, particularly the Mona Lisa, link the sitter to natural processes. This five-week course will provide an introduction to Leonardo’s work and explore the ways that he changed the course of European painting. Subtopics will include Young Leonardo in the Workshops of Florence, Leonardo in Milan: The Work of the Courtier, Leonardo’s Notebooks, The Science of Painting The Mona Lisa and Leonardo’s Portraiture.

Christy Junkerman earned her Ph.D. in Art History from the University of California, Berkeley. Her specialty is Italian Renaissance art. She recently retired from the Department of Art and Art History at San Jose State where she taught for many years. She frequently teaches Continuing Studies courses at Stanford and has led many trips to Italy for Stanford Travel/Study.
IN-PERSON ONLY: YOU AND YOUR GENES: GENETIC TESTING AND ETHICS

Friday, January 7, 14, 21, 28, and February 4
1:00 p.m. - 3:00 p.m.
Guadalupe Hall, Room 150 and 151 (Maximum Occupancy 70)

$115

Have you ever wondered exactly how those CSI folks catch the criminals? Or how Direct-to-Consumer (DTC) genetic testing companies like 23andMe test for genetic diseases? Do you worry about your genetic privacy when you participate in that testing? Should you? Did you know that couples who have a child in need of a bone marrow transplant can have another child who will be guaranteed to be a perfect match to the ill sibling? Are they using the second child as a means to an end? Have you heard about the new genome editing technique that could be the next big breakthrough in gene therapy? Did you hear about the scientist who used this technique on human embryos without approval? Also, in this new COVID-19 era, have you wondered how medical professionals are testing people for this new infectious disease? Or how all the available vaccines differ from each other? Are the vaccines safe? Should schools require (or be allowed to require) vaccination for SARS-CoV-2 before allowing students and teachers on campus? This course will explore how DNA works, basic genetic principles, and how scientists and health professionals use genetic technology. We will look at the structure of DNA, learn how DNA encodes proteins and how defects in those proteins can cause disease. We will also look at how DNA can be used as “fingerprints” for forensic analysis, and we will talk about different types of forensic DNA databases. Then, we will discuss how embryos can be tested for genetic disease or to create a savior sibling. Finally, we will learn about a recent and exciting breakthrough in gene therapy that brings hope for many people suffering from serious genetic diseases. While learning about all these exciting technologies, we will also explore the ethical issues that arise from each of them.

Leilani Miller is an Associate Professor of Biology at Santa Clara University where she has taught since 1994. She earned her BS in Biology from Stanford University and her PhD in Biology from MIT. Prior to coming to SCU, she had a postdoctoral appointment in the Developmental Biology Department at Stanford University Medical Center. At SCU, she teaches courses in Genetics, Molecular Biology, Genetics and Society, and Social and Ethical Dimensions of Biotechnology. Her research uses the model organism C. elegans to understand how the process of morphogenesis controls how cells move, change shape, and form complex organs. She has published in the research journals Cell, Genetics, and Developmental Biology.
ONLINE ONLY: MOTOWN RECORDS: THE GREATEST SOUL MUSIC RECORD LABEL

Friday, February 4, 11, 18, 25, March 4, and 11
10:00 a.m. - 12:00 p.m.

$135

More than any other record company, Motown represented a sound and a style, helping to define soul music with hundreds of hits in the 1960s and 1970s. Using both common and rare recordings and video clips, this course lays out the label’s history from its beginnings in Detroit in the late 1950s to its growth to the most successful independent record label of all time. Many legends of soul music will be seen, heard, and discussed along the way, including the Supremes, Smokey Robinson, the Temptations, Mary Wells, Martha & the Vandellas, Marvin Gaye, Stevie Wonder, and the Jackson Five.

Richie Unterberger is the author of numerous rock history books, including volumes on the Beatles, the Who, the Velvet Underground, Bob Marley, and 1960s folk-rock. He has taught courses on rock and soul music history at SCU Osher since 2018, and in colleges throughout the Bay Area for ten years. His next book, to be published by Taschen in 2022, is San Francisco: Portrait of a City.
IMPORTANT NOTICE: Winter course registration will begin on Wednesday, December 8

We are splitting the membership alphabet equally into two registration sessions:

- Session 1 and Session 2 will take place on the same day but at different times.
- Seat capacity in each class will be divided equally to ensure both sessions have equal access.

Step-by-Step

Tuesday, December 7 | Registration Link is Emailed

All OLLI members, whether in Session 1 or Session 2, will receive the registration link directly by email on Tuesday, December 7 by 1 p.m. The time slots for the two registration sessions will be specified so keep this email in your inbox so you can access it when it is your time to register. Please have all your classes selected before you start to register on December 8.

After 2 p.m. Tuesday, December 7

If you did not receive a registration link we encourage you to email the OLLI office at olliatscu@gmail.com – do not call – so we can send you your designated registration link.

Wednesday, December 8 | Registration Day

- Session 1: Members with last names that start with A-K will register from 10:00 a.m. - 11:00 a.m. with the designated registration link for this time slot. (This link closes at 11 a.m.)
- The registration system will close for 30 minutes from 11:00 a.m. - 11:30 a.m.
- Session 2: Members with last names that start with L-Z will register from 11:30 a.m.-12:30 p.m. with the designated registration link for this time slot. (This link closes at 12:30 p.m.)

If you miss your time slot or decide to add another class, course registrations will re-open to all members after 1:00 p.m., and remain open until the end of the quarter. You can register on the home page, scu.edu/osopher and select “register for courses.”
Who is Eligible to Register?
Every current OLLI member is eligible to register for any of the offered classes, events and trips. The Osher Office no longer processes phone orders. You may register for yourself only; membership is not transferable. We cannot hold seats. If you wish to attend an OLLI program with a friend, encourage them to register early. Due to space limitations, we regret that it is not possible for non-OLLI members to attend OLLI classes or events, even as guests.

Registration Tips
Register as soon as possible. This will increase your selection.

Many of you have experienced delays and duplicate registrations when using the Safari browser. In our experience, the most efficient browser is Google Chrome so we ask that you consider using Google Chrome during the registration process.

If you are an AOL email account holder and you're not receiving emails from our OLLI office, please consider creating a Gmail account. You have the option to forward email from Gmail to AOL.

Please note: Classes that are under-enrolled are subject to cancellation. To get your name on the waitlist, simply register online.

Registration
Registration can be completed online by going to scu.edu/osopher and selecting class registration.

Waitlist
Please consider adding your name on the waitlist as it lets us know how many members want to take a particular class. Also, it is sometimes possible for us to secure a larger classroom when previously reserved classrooms are released shortly after the start of each quarter. Space is limited on campus so we do our best to secure larger rooms to accommodate all wait list requests.

If a class is “sold out” because it has reached maximum capacity, you will be given the option of having your name placed on a waitlist; you will be contacted by the office if a space becomes available. Do not attend a class you are waitlisted for unless you have been contacted by the office to officially enroll. Your waitlist position is based on when you add your name to the waitlist. Please note: an email confirmation will be sent confirming your waitlist option.

Payment Types Accepted by OLLI
Our online system is secure. Clara accepts the following credit cards: Visa, Mastercard, Discover, and American Express. Please do not register with a debit card that requires a pin code. You will not be able to complete your registration.

Registration Confirmation
When you enroll online you will receive an electronic confirmation when your registration has been processed. Print this for your records.

Course Selection
Registration online with a credit card (on our secure site) is the best and fastest way to ensure that you will secure your priority course selections.

Cancellation and Refunds
Our refund policy has changed. You will no longer be able to request a refund for a class or event you cannot attend. The refund exceptions are as follows: the classes that are cancelled by the OLLI office, hospitalization, death or a significant life event that prevents you from participating.

Scholarship Program
The Osher Lifelong Learning Institute at SCU believes that members who cannot afford course fees should have the opportunity to take classes and participate in the rich intellectual life of OLLI. There is a scholarship program available for qualified members. All scholarship applicants must have a current membership and complete the OLLI scholarship application. The Osher Office receives all applications and notifies applicants. The form is available by calling the Osher Office or at www.scu.edu/osopher/development/scholarships Please do not apply more than once a year for a scholarship.

Reasonable Accommodations
Santa Clara University is in compliance with ADA/504. Please direct your accommodation requests to: SCU - Office of Disabilities Resources.

If you have a disability and require reasonable accommodations, please contact the Office of Disabilities Resources (ODR) at 408-554-4109 or go to www.scu.edu/disabilities/. The ODR is located at Benson Memorial Center, Room 216.

Membership Information
Membership is open to adults 50+
Price is $55.00
Non-transferable, non-refundable
From: August 1, 2021 - July 31, 2022

Note: By joining Osher in the Fall, you will receive the maximum value from your membership - online catalogs, class & SIG eligibility, and social events. You must be a current member to register for courses and events. Membership is not prorated.
Access the OLLI homepage at scu.edu/osopher.

Click on the option to Register for courses.

Add your first and last name ONLY and then click Continue.

Select your desired course(s)- select Attend.

Select 1 and then select Next.

Scroll down to the bottom of the page and select Continue.

Select Checkout.

Enter your email address and then select Continue.

Select Pay by Credit Card.

Pay by credit card.
ZOOM INSTRUCTIONS

What is Zoom?
Zoom is the video conferencing tool you'll use to participate in a live-streamed OLLI course. Extra bonus: You don't need a Zoom account to access the class.

What equipment do I need?
You need one of these:

- **Computer** (desktop or laptop, Mac or Windows)
- **Smartphone** (iPhone or Android)
- **Tablet** (any)

Optional equipment - not required, but nice to have:

- **Headphones with a microphone**: This will let you hear and be heard more clearly. Simple headphones you'd use with your phone will do the trick.

How do I join my livestream Zoom class?

For first time users: **Do this before your first class**

- **Laptop and Desktop users**: The first time you click on the Zoom Meeting link it will download a free and secure program to your computer, which you then install. If you would like to download the program ahead of time, visit https://zoom.us/download, then click "download" under the "Zoom Client for Meetings" subsection.

- **Tablet and Smartphone users**: Download the free Zoom app from your device's app store (app you are looking for is Zoom.us).

For returning users:

- Join the meeting from your computer (works best), tablet, or smartphone.
- After you register for your course(s), you will receive an email from the OLLI office 24 hours **before the start** of your first class session. The link will grant you **access to your class via Zoom**.
- For your protection, Zoom links are **password protected**, this process will prevent intruders from entering your class session, you will NOT be required to type a password.
- Log in at least five minutes before the start of class.
How to view daily events and monthly events online:

Step 1. Visit our website, scu.edu/osopher

Step 2. Select “Calendar” to view daily, weekly, or monthly events at OLLI@SCU  OR

Step 3. Select “Current schedule” to view daily schedule

Membership Benefits

The opportunity to select from more than 75 quality courses offered each year, covering a wide range of subjects, taught by extraordinary instructors, many of them from Santa Clara University.

An OLLI Distinguished Speaker Series with timely topics that address interests of life-long learners.

Invitations to free campus programs: de Saisset Museum, Music at Noon, and Ethics at Noon; discounted admission to campus events: Center of Performing Arts

“Members Only” Special Events
- Destination Learning Trips
- Special Interest Groups (SIGs)
- Quarterly Course Catalogs
- Regular email updates/reminders
- Exciting Volunteer Opportunities
- OLLI Monthly E-Bulletin
- Spotlight on SCU

The opportunity to be part of a community of those who enjoy learning, discussion, social interaction, cultural enrichment and personal growth.

Membership, Fundraising, & Volunteers

Help us reach our campaign goal of $15,000 for the 2021-2022 Year!

OLLI at Santa Clara University is a premier lifelong learning institute here in the South Bay. We have attained this status because of your ideas, participation and gifts, all of which are critical in creating a program that speaks to the needs and interests of our OLLI community. Your gifts directly impact your experience, as additional funds help us ensure the highest quality of guest speakers, instructors, special programming and office infrastructure.

The Osher Foundation requires all OLLIs to fundraise to assure sustainability of their programs around the country. We value your participation on all levels for our continued success. The Osher Foundation sets our fundraising goal each year and expects at least 10% of our members to participate. In 2020-2021, our OLLI Office received 369 unique gifts for a total of $19,748 in donations, 69 of them SCU alumni. We met our goal, and that of the institute.
**What is the Osher Lifelong Learning Institute (OLLI)?** OLLI at Santa Clara University is one of 123 Osher Lifelong Learning Institutes made possible by generous grants and endowments from the Bernard Osher Foundation. These institutes are located from Maine to Hawaii, and collectively they have over 96,000 members. OLLI is a community of learners age 50 and better. Instruction is at the university level, but no particular educational background is required. There are no tests, grades, or papers. The classes you select may have some elective reading or other preparation. To participate in classes, you must be a member of OLLI.

**When and how can I become a member?** You may become a member at any time. You need not be retired. If your spouse is under age 50 and you are a member, your spouse may also become a member and take classes. Membership is $ 55.00 and is non-transferable and non-refundable. Renewal is annual.

**Where are classes held and who teaches the classes?** Classes are currently being held "live" online via Zoom or in-person on campus. Current and retired faculty members and independent scholars lead the classes. Classes are not recorded, but are viewed in real-time.

**What is the price per class?** The fee for each class is located in each description. Long classes range from $115 to $160 and short classes range from $60 to $80. The prices are also listed on the online registration system.

**Cancellations and Refunds:** OLLI@SCU is no longer able to request refunds for a class or event you cannot attend. The refund exceptions are: a class that is cancelled by the OLLI office, hospitalization, death or a significant life event that prevents the stricken individual from attending or participating.

**How do I register?** Registration is online at [www.scu.edu/oshers](http://www.scu.edu/oshers). This is a secure site and is the fastest and easiest way to register. Additional information is located on pages 23-25 of this catalog.

**Classroom Policy and Etiquette:**
- Please, we ask that our OLLI members do not leave behind or hand out any non-OLLI related literature in the classrooms, during any class or event.
- OLLI does not allow substitutions in classes due to our long standing policy of checking with the office first to ensure that person has a current membership, and also in case of a wait list. If someone takes your place, they will be asked to pay for the class, and in some cases join OLLI if they want to continue in the program.
- We do not offer public events. This is a membership-driven program. If there is any event where guests are welcome, our OLLI membership will be given advance notice.
- Sign-ins: will be required at every class session. Please make sure your name is legible and that you sign-in on the class roster.

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**Special Interest Groups (SIGs)**

A SIG is a group of OLLI members who gather outside of class time to provide learning or recreational opportunity in areas of personal interest.

SIGs are a very popular benefit of membership, as they’re a great way to make new friends and socialize with members with similar interests. There is no additional fee to join any or all of the SIGs, and attendance is always optional. Some groups meet on a regular basis at the same time and place. Other groups get together for specific events.

Special Interest Groups are defined and put together by members, for members and are not sponsored by the university. The SIG facilitators are responsible for updated email lists and are asked to keep them current, and when sending out communications to their members to also use the bbc (Blind Copy) option. Membership is required to be a part of a SIG. No exceptions.

The office is no longer able to send out mass email blasts on behalf of your SIG to all our members. The OLLI office will be happy to list the SIGs and facilitator contact information in the OLLI E-Bulletin. Independent meetings are scheduled by the SIG facilitators, and not through the OLLI Office.
PARKING INFORMATION

Parking at Santa Clara University
For complete, up-to-date information on campus regulations and the campus parking plan, visit the Campus Safety website at university-operations.scu.edu/campus-safety.

Please Note: Regulations apply to all campus visitors; exceptions will not be made for Osher.

To park on campus or on University owned property, every vehicle must have a valid parking permit visibly displayed between the hours of 6am and 8pm, Monday through Friday. A permit is not required for Saturday, Sunday, and University holidays.

Main Gate - Daily Permits
Daily permits are available at the Main Gate kiosk. The main gate is located at Palm Drive and El Camino Real. It is clearly marked overhead (white on green street sign) as “SCU Main Entrance”. It is opposite the Santa Clara Transit Center/Caltrain Station.

Please plan accordingly to pick up a pass at the front gate before your class starts. If parking in the North Garage, daily parking permits may be purchased at machines located in the parking structure.

You must purchase a daily permit and pay $3 for each visit (half price). Tell the person at the Main Gate Kiosk you are attending an OLLI course or event. Please remember to hang the permit from your rearview mirror, with the date and time visible through the windshield. **Even if you have a handicap placard, you must purchase a permit.**

If you are attending a complimentary event on campus (e.g., Music at Noon), you can request a two-hour guest permit free of charge at the Main Gate.

Transportation Services
Quarterly Permits are available for purchase at the Transportation Services Office for $50 (half-price of the regular fee). The office is located on the ground floor of the Main Parking Structure. TSO accepts cash, personal checks, Visa or Mastercard for this purchase. For more information, please call (408) 551-7080.

Parking Locations
Osher parking permits entitle you to park in any commuter students parking stall, which require an E or F Permit. You may park on campus in the following lots: 2nd and 3rd floors of the Main Parking Structure, North Garage, Leavey Lot, and Guadalupe Hall. See the campus map for further information at scu.edu/map.

Display your permit properly so that it is visible from outside your vehicle. Failure to display a valid permit will result in a citation, with a $50 fine. Purchase of a parking permit does not guarantee the availability of parking spaces in any particular lots or campus areas.

Osher Office
Physical Address:
455 El Camino Real
Guadalupe Hall, Room 135
Santa Clara, CA 95053-0207

Mailing Address:
Santa Clara University
Osher Lifelong Learning Institute
500 El Camino Real
Santa Clara, CA 95053-0207

The Osher Office does not sell parking permits. Parking tickets are the responsibility of the driver, and the Osher Office is unable to assist in their resolution. Please be sure to follow posted regulations on page 20 when parking on campus or near the University.

More Options to Campus
- Ride your bike. Racks are available throughout campus; bring your own lock.
- VTA: (408) 321-2300 or vta.org
- Caltrain: The Santa Clara station is opposite the University’s Main Entrance. (800) 660-4287 or caltrain.org
- Outreach Senior Transit: (408) 436-2865 or outreach1.org

NOTE: You will need a parking permit for each class day if you park in the lots and garages. Exceptions are the weekends and holidays.
Even if you are handicap, you must purchase a parking permit.
Please remember that University parking restrictions are fully enforced during the following hours:
Monday – Friday 6:00 a.m. to 8:00 p.m. No enforcement on Saturday, Sunday, or University holidays
OLLI members and guests can park in either of 3 University owned and operated parking structures:

- **Guadalupe Hall Parking Lot**: 455 El Camino Real, Santa Clara, CA 95053 | Parking Permit is NOT required at this time. Please see website for updates.
- **Main Parking Structure**: 500 El Camino Real, Santa Clara, CA 95053 | OLLI daily parking pass of $3 purchase at the Main Gate kiosk. You may park in the Main Parking Structure 2nd and 3rd floor in slots labeled for E permits
- **North Parking Structure**: 1063 Alviso Street, Santa Clara, CA 95053 | Parking pass $5 at the pay station