

Fall 2021 Courses

2031 International Affairs Fall 2021

When: Starting Sept 13, 2021 and continuing every other Monday

Where: Zoom online

Instructor: Prof. Emerita Ronnie Gruhn



We are again fortunate to have Ronnie Gruhn, Professor Emerita of Politics at UCSC, as one of our teachers. She has a passionate and undiminished interest in reading, writing, and talking about world affairs. Her courses offer powerful insights into what is happening today. Ronnie has been very generous in sharing her knowledge with OLLI members, and her courses have been exceedingly well attended.

Ronnie begins her fall series of YouTube commentaries on international affairs the week of September 13, continuing every other Monday. Watch your inbox for an email from OLLI with a link to the commentary.

Subscribe to the OLLI UCSC YouTube channel by going to:

https://www.youtube.com/channel/UCU7U1Mly_RuSsk4QjQD4WNw

Click on the red subscribe button and the bell to be notified of each OLLI video. We can help if you have a problem subscribing. Let us know.

2032 Major Supreme Court Decisions and their Effect

When: Thursdays, October 21,28 November 4, 11 10a.m.-12p.m.

Where: On Zoom

Instructor: Arthur Rolston



Some Supreme Court decisions are simply more important than others due to their impact on ordinary Americans' economic, social, cultural, and/or political lives. This is the second in a series that looks at a number of cases decided over the course of American history and places them in historical context as both indicators and agents of cosmic changes in American life.

Oct. 21: *Citizens United v Federal Election Commission*: Corporate Personhood, Money, and Free Speech,

Oct. 28: *Shelby County Alabama v. Holder*: Deciding Who and How Americans Vote,

Nov. 4: Religion and the Constitution and *Burwell v Hobby Lobby Stores*: One Person's Free Exercise is Establishment to Another, and

Nov. 11: The "Problem" of Crime in a Free Society: The Nationalization of Criminal Procedure in the 1960s.

The first class on October 21st will look at the *Citizens United* case and issues of corporate "personhood," free speech, and political power. Next, on October 28th we'll use *Shelby County Alabama v. Holder* to focus on the history of voting rights and current trends. Then November 4th the topic is religion and the Supreme Court, the conflict between the two religion clauses in the First Amendment, and the *Hobby Lobby* case among others. For the final session on November 11th the issue is crime, and how in the 1960s the Warren Court effectively nationalized the basic standards of criminal procedure in a number of cases including *Gideon v Wainwright*, *Mapp v. Ohio*, *Miranda v Arizona* and *Furman v Georgia*.

While there's no assigned reading, Google searches of the cases will lead to numerous links to the Court's majority and minority opinions.

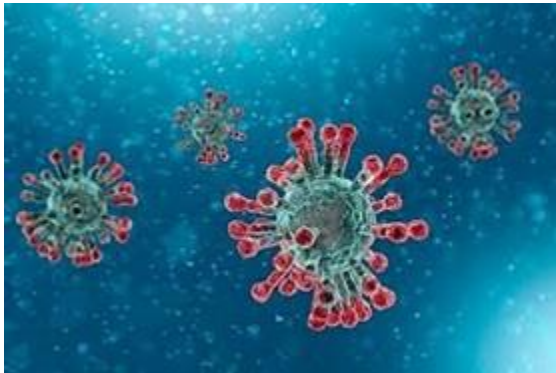
Arthur Rolston came to Santa Cruz from Los Angeles 2017. This will be his second time lecturing for OLLI, having taught a four-lecture course on Constitutional history in spring 2020. He has a JD from (UC) Berkeley Law (1967), and a PhD in History from UCLA (2006). Prior to moving to Santa Cruz Arthur practiced law in Los Angeles for over 30 years and then taught history at UCLA as an adjunct lecturer from 2006-2016.

2033 Behind the Scenes

When: November, 3 Days to be Announced

Where: On Zoom

Instructors: Jill Steinberg, Wendy Harrison and Donna Baldini will co-facilitate the class.



"Behind the Scenes:" Let's talk about how COVID has affected us, what we did that helped us, what we learned and might take away from our experience, and what next. Research/reading will be provided to inform our discussions. For example, did you know that the research shows that people over 60 have done the best going through COVID in terms of well-being?

3 sessions: Coming in November, days/times to be announced soon.

Class limited to 10 participants.

Jill Steinberg, Wendy Harrison and Donna Baldini will co-facilitate the class.

Jill has been facilitating Connection and Community Groups for OLLI and the University of Michigan Ross Business School since COVID began. Jill is an Emeritus Professor, SJSU and founder of MyRetirementWorks.com - From Retiring to Rewiring. Her chapter on retirement was published this year in the Aging Consumer: Perspectives from Psychology and Marketing Eds, Drolet and Yoon, Publisher: Routledge.

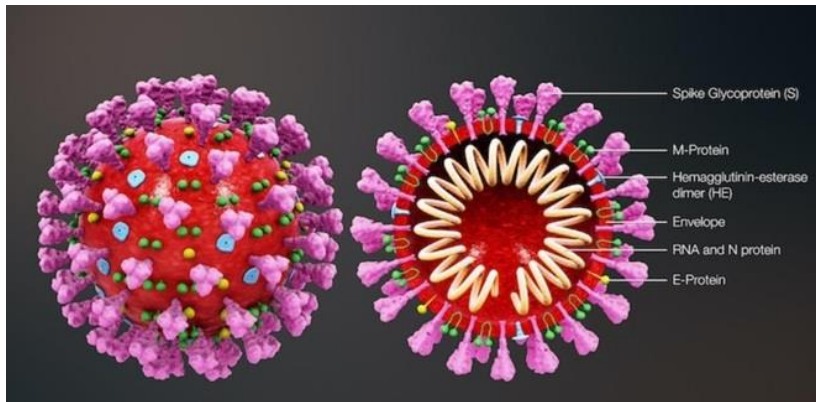
Contact Jill by email for questions and/or to sign-up. jillasteinberg@gmail.com

2034 Modern Molecular Biology – Fall 2021

When: Saturday Mornings, 10:30 - Noon, 6, 13, 20 November and 4, 11 December.

Where: On Zoom

Instructor: Barry Bowman



A typical animal cell contains more than 40,000 different kinds of molecules. In the past 25 years great progress has been made in understanding how these molecules combine and interact to form a living creature. UCSC has approximately 50 professors who direct laboratories that investigate some aspect of molecular biology.

As in previous years Professor Emeritus Barry Bowman will organize the course and offer two lectures. Three other professors from UCSC will present lectures covering topics related to their research programs.

These talks are intended for a general audience. A scientific background or knowledge of biology is not expected. Barry Bowman, the course coordinator, will begin with a basic review of genes, proteins and cells.

Lecture #1. Professor Emeritus Barry Bowman - Introduction to the Basics of Molecular Biology

Lecture #2. Professor Upasna Sharma, Paternal dietary effects on offspring metabolism.

Lecture #3. Professor Bowman – How do cells make themselves?

Lecture #4. Professor Martha Zuniga - “You Really Got a Hold on Me – the Consequences of High Affinity Binding for Developing Autoreactive T Cells.”

2035 The Expedition of Humphry Clinker (1771)

When: October 12, 19, 26 10 a.m. to noon

Where: On Zoom

Instructor: Bill Park

Tobias Smollett’s *Humphry Clinker* ranks among the greatest of comic novels, admired by all its readers, including Charles Dickens and James Joyce.

The book consists of letters from five members of the Bramble family touring Great Britain in search of health. The accounts of their adventures and scenes visited provide not only an interlocking drama but a superb portrait of England, Scotland, and Wales in the 1760s.

There will be three two-hour (?) classes.

Recommended is the Norton Critical Edition available from Amazon and Abebooks. Also available on Audible.

First assignment: Volume I (pages 1-111).

Second assignment: Volume II (pages 112-214).

Third assignment: Volume III (pages 215-323).

Bill Park is an Emeritus Professor of Literature at Sarah Lawrence College, where he taught for many years. He received his PhD in Eighteenth Century English Literature from Columbia University. He has written extensively about literature and film. We are fortunate that he has moved to Santa Cruz and is eager to share his knowledge with us. Our members who have attended his classes were impressed by his encyclopedic knowledge of literature and film.

Spring 2022 OLLI Courses

2101 Food and Biochemistry

Tuesdays, Jan 11, 18, 25, Feb 1, 8, 10:30 – 12:00 pm.

Instructor: Barry Bowman

The food we eat is a complex mix of thousands of different kinds of chemicals. However, most of these chemicals can be put into a few simple categories, e.g. fats, carbohydrates and proteins. In this course we will see how the human body uses these chemicals and converts them into living tissue or into energy. We will explore questions like “Why does fat have more calories than sugar, and what is a calorie”? What are vitamins and what do they do in our bodies? What is difference between LDL and HDL carriers of cholesterol?

Participants are not expected to have a background in science. The content of the course will be largely the same as in previous years, but those who wish to participate again are welcome. Although the course will be offered via Zoom, opportunities will be available for questions and discussion. Barry Bowman is Professor Emeritus of Molecular, Cell and Developmental Biology at UCSC

2102 MISSIONS TO OUR ORIGINS

When; Wednesdays, February 16, 23, 10:30 to noon

Where; Zoom online

Instructor: Roger Knacke

This course will review two recently launched space missions. LUCY is a spacecraft traveling to asteroids in Jupiter's orbit, which are believed to be pristine objects from the time when the Earth and Solar System formed. The James Webb Space Telescope will follow the Hubble Space Telescope and will observe the first stars and galaxies to form in the Universe more than 13 billion years ago.

Meetings:

February 16: The LUCY Mission to the Trojan Asteroids

February 23: The James Webb Space Telescope

Dr. Knacke is Emeritus Professor of Physics and Astronomy, Penn State, Erie, where he retired as Director of the School of Science in 2010. His research focussed on interstellar matter and planetary atmosphere. He has taught eight outstanding courses for OLLI.



2103 SANTA CRUZ SHAKESPEARE

When: Tuesdays, March 1, 8, 15, 22, 29, 10 a.m. to noon

Where: Zoom online

Instructor: Michael Warren

Michael, a very knowledgeable and entertaining Shakespeare scholar will discuss with us the two plays that Santa Cruz Shakespeare will be presenting next Summer, *Twelfth Night* and *The Tempest*. Over the years our members have found that taking this course greatly enhances their understanding and enjoyment of the plays.

Professor Warren is Emeritus Profess of Literature at UCSC and Textual Consultant and Dramaturge to Santa Cruz Shakespeare.

2105 Women's Lives in Late Antiquity and Byzantium

When: Thursdays, May 5, 12, 19, 26 10:30am to 12pm

Where: On Zoom

Instructor: Maureen McGuire

Through a study of visual and material culture, this course will explore the lives of women in Late Antiquity and Byzantium, a period that roughly spans the 2nd century AC until the mid-15th century AC in the Eastern Mediterranean. We will examine different social, religious, and political attitudes toward women and gender, and their impact on women's roles in society as family members, caregivers, teachers, religious guides, laborers, and symbols of piety and power.

Maureen is a graduate student at UCSC. She earned a BA and MA in art history. She researches the cultural patronage of Late Antique and Byzantine royal women.



2106 So, You Think You Know What the Universe is Made Of?

When: Two Tuesdays, April 12, 19. 10:30 to noon

Where: Zoom Online

Instructor: Bob Wilson

“So you think you know what the universe is made of... a series of two talks that address the historical concept of matter, and a sub-atomic example of a form of matter that might explain why the universe contains matter at all.

Talk 1: What is mass – really? From Aristotle to Higgs

In this presentation, I will explore the concept of mass. I will begin with the familiar classical physics notions of substance and resistance to motion, move on to the fungibility of mass and energy in Einsteinian relativity, and end with the quantum picture of elementary particles gaining mass through interactions with an all-pervading Higgs field. And all with the barest minimum of equations.

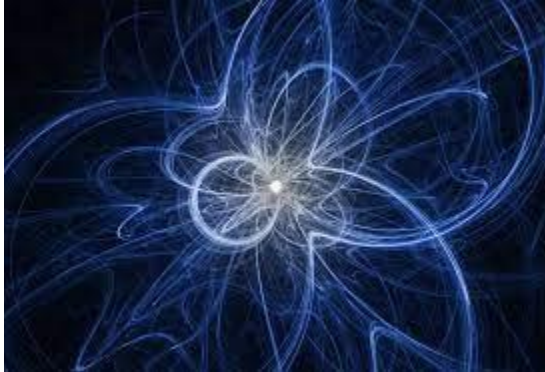
Talk 2: The Most Abundant Particle in the Universe is a Shapeshifter

Away from the glare of city lights, a clear night sky affords a spectacular view of just a fraction of the billion and billions of stars in the cosmos. Each one of those stars is pumping out unimaginable numbers of the most abundant known matter particle in the universe – the ghostly neutrino. In this talk I will introduce you to this ubiquitous entity, including some of its more down-to-earth origins. I will also describe how international teams of scientists are studying its shape-shifting quantum properties that might explain how the stars themselves (and us) came into being.

Bob Wilson is a professor of experimental high energy physics and Professor Laureate of the College of Natural Sciences at Colorado State University. He earned his Bachelor of Science degree in Mathematics and Physics at the University of London in England, and his Master of Science and Doctor of Philosophy degrees in Physics from Purdue University, West Lafayette, Indiana. He received post-doctoral training at Stanford Linear Accelerator Center and held a faculty appointment at Boston University before moving back west to help establish a new research group at Colorado State University.

He was chair of the governing institutional board for the Deep Underground Neutrino Experiment (DUNE) collaboration, with contributions from over 1200 scientists and engineers from 200 institutions in 32 countries, and a member of the board of directors of the Sanford Underground Research Facility (SURF) in South Dakota that will host the massive DUNE far detector, as well as experiments searching for dark matter, an ion accelerator for the study of stellar processes, alongside geology and mining

projects. He is currently a board member of the SURF Foundation, which is developing an institute for underground science, and is deputy leader of the ICARUS collaboration, led by Nobel laureate Carlo Rubbia, performing a neutrino experiment at the Fermi National Accelerator Laboratory. He is a co-recipient of the 2016 Breakthrough Prize for Fundamental Physics for his work in the T2K neutrino oscillation experiment collaboration based in Japan.



2107 Latin American Art: Making and Remaking

When: Thursdays, June 16, 23, 30, July 7 10:30 am to noon

Where: Zoom Online

Instructor: Tatiane Schillaro Santa Rosa

Course Description: This course looks at how visual culture and art in Latin America and the Caribbean have been part of on-going decolonial efforts and resistance from the 19th century to the present. We will look at early modern art in Latin America, such as Mexican Muralism and the Anthropophagic Movement of Brazilian modernism. We will examine outcomes of the Post-World-War period in art historical discourses and how Latin American artists resisted dictatorships and state violence. The course will highlight the importance of Latinx and Latin American artists, with focus on Afro-Latina/o/es and Indigenous groups and their contributions to the realms of visual studies.

Bio: Tatiane Schillaro Santa Rosa is a Brazilian-born scholar, art writer, and independent curator. She was a 2018-19 Whitney Museum Independent Study Program fellow (Critical Studies), and is a Ph.D. Candidate in Visual Studies at the University of California Santa Cruz. She has curated shows at the Anya and Andrew Shiva Gallery (CUNY), The Mexic-Arte Museum (Austin, TX), A.I.R. Gallery, NARS Foundation, and SPRING/BREAK Art Show all in New York, at the Fundação Pró-Memória in São Paulo-Brazil, and at the ArteActual FLASCO in Quito, Ecuador. She graduated in 2015 with an MFA from the Art Writing Master's Program at the School of Visual Arts, and has an MA in Art History, Contemporary Art from Sotheby's Institute of Art. Her essays and reviews have been published by Guernica, The Brooklyn Rail, ARTNews, Artcritical, Hyperallergic, LatinxSpaces, and NewCityBrazil.

Her essay on artist Joiri Minaya appeared in “The Matter of Photography in the Americas” exhibition catalogue, published by Stanford Press, 2018. She has been a visiting faculty at the John Jay College of Criminal Justice, the San Francisco Art Institute, and the University of California Santa Cruz. From 2017-2020, she was AnnexB Residency's Creative Director and Curator.