

## Fall 2017 OLLI Courses

### **1801 - World Affairs: Fall, 2017. Old Problems, New Developments**

September 12, October 17, November 14: 10 am-12 pm

Location: Fellowship Hall, Peace United Church, 900 High St.

Instructor: Ronnie Gruhn

We are very 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 past courses have been exceedingly well attended.

Please car pool if possible. The great crowd makes parking difficult.

### **1802 - Adventures in Local Government**

September 14, 21, 28, October 5: 2-4 pm

Location: Museum of Art and History, 705 Front St. downtown Santa Cruz

Instructor: Mark Linder

Are you curious about how local government works and delivers vital services such as public safety, street repair, land use decisions? This four session seminar and discussion will consider issues facing local governments, how the work actually gets done, how your tax dollars are used, and the joys of public service. We will also discuss lessons learned and how you can get involved and influence the decisions local governments make that affect you. Bring your questions and share your experiences. Course leader, Mark Linder recently retired after 30 years at an executive level in local government. He worked for Santa Cruz Metro Transit, Town of Los Gatos, City of San Jose, City of Cupertino, and City of Campbell. Mark also taught for 11 years as an adjunct professor for the San Jose State Masters in Public Administration program. Mark has his BA from Macalester College and his MPA from San Jose State.

### **1803 - Espressivo Fall 2017**

October 5, 12: 10 am-12 pm

Location: Music Room, Peace United Church, 900 High St.

Instructor: Mark Singher

"Michel Singher, Conductor of *Espressivo*, will explicate its upcoming program. Two of the works, Edward Elgar's *Introduction and Allegro* and Bela Bartók's *Divertimento*, echo formally the third work Bach's *Brandenburg Concerto Nr. 5*, in that a smaller complement of players periodically emerges out of the ensemble to claim its own spotlight."

OLLI's special relationship with Maestro Michel Singher and his ensemble — *Espressivo* — A Small Intense Orchestra — will continue this Fall. Our members have been thrilled with the three *Espressivo* concerts and with the three courses Maestro Singher has offered to OLLI members.

### **1804 - The 3Rs of Retirement: Read, Reflect and Re-Invent**

Jill Steinberg, Ph.D. and Wendy Harrison

October 6, 13, 20: 10:00am-11:30am  
Location: 320 Keystone Ave., Santa Cruz.

When thinking about successful retirement, most people and the research literature focus on financial planning. Although having enough financial resources is necessary, it doesn't by itself lead to a successful retirement. Instead of emphasizing financial preparedness, this course deals with the personal and interpersonal factors in creating a successful retirement. We will:

1. Identify the key factors associated with retirement adjustment and happiness
2. Discuss how retirement impacts men and women differently and explore issues affecting couples and individuals "going solo" as well as some ways to resolve issues
3. Discuss how to find one's purpose.

With all that one learns and the resources earned, one can have a successful retirement, but without reflection and planning, one's retirement can be disappointing.

This course will involve some readings to prepare us for a thoughtful discussion so that we can learn from each other – whether we are enjoying our retirement or planning for one, we can mentor each other so that we each can have the best retirement possible.

Jill Steinberg is an OLLI member, Emeritus Professor, SJSU, Clinical Psychologist, Author and founder of [MyRetirementWorks.com](http://MyRetirementWorks.com). You can contact Jill through her website or at: [jillasteinberg@gmail.com](mailto:jillasteinberg@gmail.com)  
Wendy Harrison is an OLLI member and a recently retired teacher who worked in special education for the Santa Cruz COE. She is interested in exploring what makes retirement a success. You can contact Wendy at: [wenjeharrison@gmail.com](mailto:wenjeharrison@gmail.com)

**Enrollment is limited to 12 people. To enroll in this class, contact Jill at 234-4129 and she will send you a coupon to enroll.**

### **1805 - The Beauty of Mathematics: Numbers, Sets of Numbers, Infinities**

October 26, November 2, 9, 16: 10-11:30 am

Location: Museum of Art and History, 705 Front St  
Instructor: Peter Farkas

We will define numbers: integers, fractions, all the numbers. Of course there are infinitely many integers, fractions, numbers. Can we quantify the magnitude of these infinite sets? To answer this, we will ask: how do we define infinite? Is infinite just plain infinite, or are there infinities of different magnitudes?

In the process of examining these concepts, we will occasionally give proofs, while being careful to not bore, and not be too formal. We will take small detours to amuse the mind. We will try to glimpse the beauty of mathematics you may have always wanted to grasp, but may have not had a chance to.

Course Leader: I am a lapsed mathematician. I have a Master degree in mathematics from the University of Bucharest, Romania, and a Ph.D. from the University of Chicago. I started a bumpy academic career as a mathematician, but swerved at some point and became a software engineer. Throughout my software engineering career, my love and awe for mathematics has never cleared from my system. Now, in retirement, I am trying to steer back to mathematics a bit, doing what is most pleasant: solving little problems, and talking about subjects in Mathematics.

### **1806 - Early Chinese Fiction**

November 1, 8, 15, 22: 10-12 am

Location: Board Room, Museum of Art and History, 705 Front St.

Instructor: Dale Johnson

Earliest tales B.C. 200, down to stories dating from 1500 A.D.

1. Earliest tales of strange events
2. Two stories about the Knight-errant tradition.
3. Political intrigue and rescue of a bride.
4. Tales of Fox Spirits
5. Famous love story of Ying-ying.
6. A 17th century detective story.

Dale Johnson was Professor of Chinese at both Oberlin College and UCSC. He has engagingly demonstrated his love for and knowledge of Chinese literature in OLLI classes for the past four years.

**Please register early so we can send you the stories.**

### **1807 – Creative Aging**

Oct 24, 31, Nov 7, 16, 21, 28: 2 – 4 pm

Location: Board Room, Museum of Art and History, 705 Front St.

Instructor: Helene Moglen

In this workshop, participants will write about their experience of aging: its complexities and contradictions, its frustrations, its pleasures. Participants will share and discuss their weekly writing with the group. A few brief readings will be suggested.

Workshop will be limited to **eight** participants. To enroll in this class send an e-mail to Lois Widom---[LoWidom@yahoo.com](mailto:LoWidom@yahoo.com)--and she will send you a coupon to enroll.

Helene Moglen is Professor Emerita of Literature at UCSC, where she was also Dean of Humanities and Arts and Provost of Kresge College.. She is the author of several books and many articles about literature, feminism, education, competition, literacy—and aging.

### **1808 - Modern Molecular Biology – Year 8**

Oct 14, 21, 28, Nov 4, 11: 10 – 11:30 am

Location: UCSC Campus, Physical Science Building, Room 240

Instructor: Barry Bowman, Jeremy Sanford, Rebecca DuBois, Martha Zuniga

What are viruses and how do vaccines prevent disease? Why has RNA, the cousin of DNA, become the focus of so much biomedical research? How can we identify and isolate the many types of cells in our blood that make up our immune system? These are some of the questions that UCSC professors will discuss in this year's molecular biology course. These talks are intended for general audience. A scientific background or knowledge of biology is not expected. Professor Barry Bowman, the course

coordinator, will begin with a basic review of genes, proteins and cells. This will be followed by talks that focus on specific topics in molecular biology, as described below.

All classes will be presented on Saturday mornings at 10:00 – 11:30 AM on the UCSC campus. Free parking is available at the Core West Parking Structure and classes will meet in the Physical Science Building, Room 240.

Schedule:

October 14     *Barry Bowman*, Genes & Proteins, A Review  
October 21     *Barry Bowman*, New Methods for Seeing Inside a Cell  
October 28     *Jeremy Sanford*, RNA and Biomedical Research  
November 4     *Rebecca DuBois*, Viruses and Vaccines  
November 11, *Martha Zuniga*, Lasers and Lymphocytes: Insights into Immune Cell Identity and Function.

### **Spring 2018 Courses:**

#### **1809 - WORLD AFFAIRS SPRING 2018 "Developing World" Africa, Latin America, Asia, The Middle East**

January 23, February 20, April 24 10-noon.

Location: Fellowship Hall, Peace United Church, 900 High St.

Instructor: Ronnie Gruhn

We are very 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.

#### **1810 - Celebrating Great Scenes from Favorite Operas**

February 5, 12, 19, 26, March 5 1-3 p.m.

Location: Lounge, Peace United Church, 900 High St.

Instructor: Miriam Ellis

Miriam, opera-lover extraordinaire, will be putting the spotlight on various unforgettable scenes in opera--their structure, function, and, above all, musical and dramatic impact. She will look at excerpts from a group of popular operas to analyze what had made them and certain of their scenes endure over time.

#### **1811 - Espresso, Winter and Spring 2018 concerts**

February 8, April 5, 12 10-noon

Location: Music Room, Peace United Church, 900 High St.

Instructor: Michel Singher

OLLI's special relationship with Maestro Michel Singher and his ensemble — Espresso — A Small Intense Orchestra — will continue for two concerts in 2018.

**1812 - Cosmology**

February 14, 21, 28, March 7, 14, 21 10-noon

Location: Museum of Art and History, 705 Front St

Instructor: Roger Knacke

The course will be a discussion of transformative discoveries in cosmology in the 20th and 21st centuries. Background in science is not necessary.

Galaxies and the Universe, Expansion of the Universe, Cosmic Background Radiation, Creation of the Elements, Cosmic Inflation, Dark Matter, Dark Energy, The Multiverse

**1813 - The Holocaust: The Destruction of European Jewry**

March 6, 8, 13, 15, 20, 22 10-noon

Location: Museum of Art and History, 705 Front St.

Instructors: Peter Kenez, Murray Baumgarten

We are privileged to have a course based on the acclaimed UCSC class that Murray and Peter taught on campus. It will trace the destruction of the Jews and Jewish life in Europe by Nazi Germany, drawing on history, literature, and film.

**1814 - Santa Cruz Shakespeare 2018**

March 27, April 3, 10, 17, 24 10-noon

Location: Museum of Art and History, 705 Front St.

Instructor: Michael Warren

Michael Warren will be discussing the two plays that Santa Cruz Shakespeare will be presenting next summer. The plays will be announced before the beginning of this course.

**1815 - Genesis Stories**

April 4, 11, 18 10-noon

Location: Museum of Art and History, 705 Front St.

Instructor: Gildas Hamel

This class will present the best known stories of Genesis 1--11 in three meetings: the creation of the world and the Garden of Eden (Gen 1--2:4a; 2:4b--3:24), Cain and Abel (Gen 4), the flood and the tower of Babel (Gen 6--9; 11). We will discuss the historical and mythological background.

**1816 - Two Works by Melville, *Bartleby*, *The Scrivener Benito Cereno***

May 1, 8, 15, 22 10-noon

Location: Lounge, Peace United Church. 900 High St.

Instructor: Forest Robinson

A close analysis of two classic short tales by the great American master. We'll start with an overview of Melville's life and work, followed by two sessions each on the stories

### **1817 - Tom Jones and the Origins of the Novel**

March 12, 19, 26, , April 2 10 am -12pm  
Location Museum of Art and History 705 Front Stree  
Instructor William Park

There are many works of fiction from the seventeenth and early eighteenth century that we would today term novels. But it was not until the appearance of Richardson's Pamela (1740) the reading public became aware of what they termed a "new species of writing." At this point Henry Fielding brought his own extraordinary talents to play. In this course we will examine his masterpiece, Tom Jones (1749).

### **1818 - The Beauty of Mathematics: Square The Circle, Trisect an Angle, Double the Cube**

May 2, 9, 16, 23 10 a.m. to noon  
Location: Museum of Art and History, 705 Front St.  
Instructor: Peter Farkas

We will study a particular type of problems in elementary geometry: doing constructions with a straightedge and a compass. This type of problems were first asked and solved in antiquity, in Greece. Some construction problems were stated in antiquity, but mathematicians were unable to solve them for hundreds of years. They were finally settled in the 19th century. The aim of this class is to familiarize the listeners with the problems, and to convey the ideas which finally yielded the answers.

### **1819 - An Introduction to Wagner's Ring**

April 9, 16, 23, 30. May 7, 14 10 a.m. to noon  
Location: Museum of Art and History, 705 Front St  
Instructor: Phyllis Neumann

"An Introduction to Wagner's Ring," is intended for those who have never experienced a "Ring Cycle," or who have felt too intimidated by its length, complexity and cost to attend a live performance. It is also for those already familiar with "The Ring" who want to delve a bit more deeply into the story, the music, the characters and the leitmotifs.

### **1820 - Spotlight III: Theater and Its Elements**

March 19, 26, Apr 2,9,16, 23 10 a.m. to noon  
Location: Broadway Playhouse, 526 Broadway, Santa Cruz  
Instructor: Margot Hoffman

Come and learn about all things theater, onstage and off. Under the expert direction of Margot Hoffman, we will explore technical, literary and performance elements of theater. This course will kindle your creativity and build confidence.

## **1821 - Food and BioChemistry**

May 5, 12, 19, 26 10:30 a.m. to noon

Location: Physical Sciences Building, Room 240, UCSC Campus

Instructor: Barry Bowman

Our food is composed of thousands of different kinds of chemicals. We use these chemicals to make the parts of our body and to provide the energy to move, to stay warm and to think. In this course we will examine the chemical differences in different types of food.