

Osher Lifelong
Learning Institute at
UCSC
December 2016



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1708 – Better Living through Chemistry

January 7, 14, 28; 10 am - 11:30 am

Location: Physical Science Building,
Rm 240 UCSC

Instructor: Various Professors

Better Living Through Chemistry is a new OLLI course covering new developments in Chemistry and Biochemistry and how our lives benefit by them, taught by UCSC faculty. No prior chemistry background is required; the instructors will develop the background. The class will meet at the UCSC Physical Sciences Building on Saturdays at 10am on January 7, 14, and 28. (Same place that Modern Molecular Biology met in the Fall.)

Jan 7, 2017

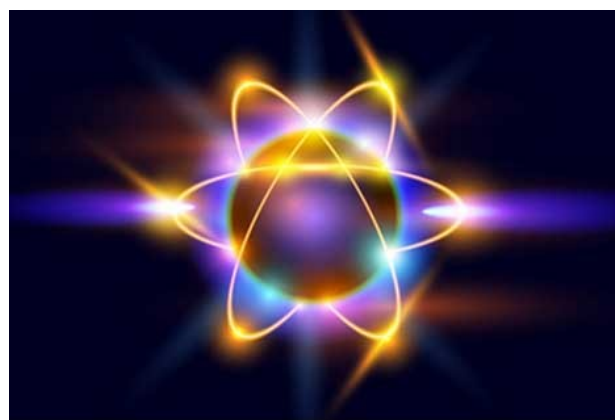
Professor Bakthan Singaram, "Sugar and Spice and Everything Not Nice. Development of Boronic Acid Based Fluorescent Assay for measuring Blood Sugar and Gut permeability"

Sugar is connected with Type I and Type II diabetes and spice/curry is believed to cause gut inflammation/permeability/leak. We have developed an efficient way to measure sugar in flowing blood and sugar gut bi-

omarkers in urine, This talk that will cover our continuous glucose sensing technology and mapping gut permeation using multi-well plate technology using our boronic acid based sugar sensor.

Jan 14, 2017

Professor Rebecca Braslau, "More than Just One Word Plastics"



Plastics: we love them and hate them. Organic chemistry professor Rebecca Braslau will discuss the history of plastics, what they are made of, health, environmental and societal issues, and exciting developments in emerging bio-sourced and biodegradable plastics.

Jan 28, 2017

Professor Scott Oliver, "Porous Solids and their Applications"

This class will cover the material science of solid state structures that are

For more information:

[ucsc-
osher.wikispaces.com](http://ucsc-osher.wikispaces.com)

Course coordinator:

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extended in two or three dimensions. These solids occur naturally or can be synthesized in the lab. In some cases, the structures can be charged, allowing channels and pores to run through the crystal. These pores afford many uses such as catalysis, gas storage and water purification.

1709 - Yoga for Seasoned Adults

Jan 17, 24, 31, Feb 7, 14, 21 10 am – 11:15 am

Location: Yoga Santa Cruz, 428 Front St.
Instructor: Abbey Asher

The practice of yoga has been medically proven to enhance balance, protect joint health, inhibit weight gain, improve emotional well-being, and much, much more. Now, OLLI members are invited to their own six-week introductory Iyengar Yoga class, taught by UCSC's Abbey Asher. Students will learn basic postures, improve strength and flexibility, and be introduced to the philosophy that underlies this ancient practice.

Abbey Asher has studied and practiced yoga in the US and in India. She's been teaching for 15 years at UCSC and at Yoga Center Santa Cruz. She is passionate about yoga and looks forward to sharing her love of this practice with you.

"Yoga is a gift for older people. One who studies yoga in the later years gains not only health and



happiness, but also freshness of mind since yoga gives one a bright outlook on life. One can look forward to a more healthful future rather than looking back into the past. With yoga, a new life begins, even if started later. Yoga is a rebirth which teaches one to face the rest of one's life happily, peacefully and courageously."

Geeta S. Iyengar

1710 – Opera - Out of the Shadows

February 6, 13, 20,27, March 6 1 pm - 3 pm

Location: Lounge, Peace United Church
Instructor: Miriam Ellis

CELEBRATING THE CHORUS AND ITS VITAL ROLE IN OPERA

An integral part of opera since the art form's earliest days, the chorus is often overlooked or underestimated in performance, despite its valuable contributions to development of character and/or plot. We will be examining the history, form, and function of this important element of lyric theater and consider choral excerpts, ranging from works by Monteverdi, Purcell, Mozart, and Gluck, through examples from Verdi, the Romantics, French, German, & Russian composers, and conclude with verismo excerpts of the 20th century. We will also have a brief look at the challenges and experiences of choristers in one of the major houses in the US.

Miriam Ellis, Ph.D, has offered classes for Lifelong Learners and OLLI for many years, both before and since her retirement from UCSC, where she taught French language and theater, as well as other courses, for over 30 years. In 2001, with Language colleagues, she founded The UCSC International Playhouse (now the Miriam Ellis International Playhouse), which will be presenting its 17th annual season of multilingual theater in May, 2017. Her new book, *The Flexible Figaro* (with co-author Sherwood Dudley), an innovative piano-vocal score of Mozart's *Le nozze di Figaro*, has recently been published.



1711 – Shakespeare

February 28, March 7, 14, 21 10 am – 12 pm

Location: Museum of Art and History
Instructor: Michael Warren

We are fortunate to again have Prof. Michael Warren, a very knowledgeable and vastly entertaining Shakespeare scholar, presenting a course for us. His courses for OLLI for the previous six years have been enthusiastically praised by our members.

The four lectures will be devoted to the plays of the 2017 Santa Cruz Shakespeare season: *the Two Gentlemen of Verona* and *Measure for Measure*. *Two Gentlemen* is one of the earliest of the Shakespeare plays, a lively comedy of male friendship, young love, and betrayal. *Measure for Measure* is a great play that is performed too rarely. Written around the same time as *Othello*, it is a comedy both deeply serious and very funny, an unromantic exploration of sexual desire, law, justice, and mercy in a tough urban setting.



We will devote the first meeting and half the second to *Two Gentlemen*; the remaining hours will be devoted to *Measure for Measure*. Members of the course should read the first four acts of *Two Gentlemen* for the first class.

Michael Warren is Emeritus Professor of English Literature at UCSC. He serves as Textual Consultant and dramaturge for Santa Cruz Shakespeare. He is a past president of the Shakespeare Association of America.

1712 – Expressivo

March 9, 16, 23 10 am – 12 pm

Location: Music Room, Peace United Church

Instructor: Michel Singher

OLLI's special relationship with Maestro Michel Singher and his ensemble – Expressivo – A Small Intense Orchestra – will continue this Spring. Our members have been thrilled with the three Expressivo concerts and with the three courses Maestro Singher offered to OLLI

members.

In this course Michel Singher will introduce the Expressivo orchestra concert of March 30th – "An American Heritage." He will elucidate a work each by Charles Ives, Ned Rorem and Aaron Copland. In an additional talk, he will give an insider's view of what a conductor does.



1713 – Gravity

March 23, 30, April 6, 13, 20 10 am – 12 pm

Location: Museum of Art and History
Instructor: Roger Knacke

This course will explore our ideas about gravity, its role in the Universe, and the recent remarkable discoveries about Black Holes and Gravitational Waves. No background in Science is necessary.



Meetings:

- Newtonian Gravity
- Einstein's Relativity Revolution
- Black Holes and their Role in the Universe
- The Mystery of Dark Matter
- Gravitational Waves

Dr. Roger 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 interests are in interstellar matter and planetary atmospheres.

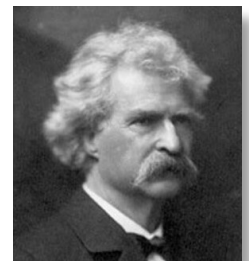
1714 - Mark Twain

April 24, May 1, 8, 15, 22, 29 10 am – 12 pm

Location: Lounge, Peace United Church

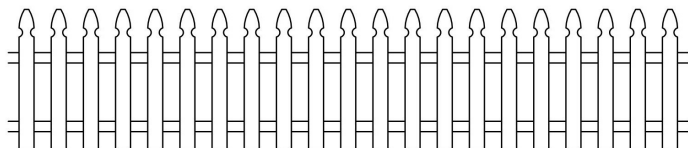
Instructor: Forrest Robinson

Tom Sawyer and Huckleberry Finn will be read closely and critically. Prof. Robinson will give special at-



tention to the ways in which the novels afford us a window on key issues and problems in the America of their day.

Forrest Robinson is Professor Emeritus of Distinguished Professor of Humanities Emeritus. He taught at UCSC for 44 years in literature and American Studies. He has written extensively about Twain and has offered both graduate and undergraduate courses on him and his work. His class on Melville's Moby Dick was well received this last Fall.



1715 – 2017 World Affairs Update

February 21, March 21
1 pm – 3 pm
Location: Fellowship Hall,
Peace United Church

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.

1716 - The Biochemistry of Food

Feb 18, 25 and Mar 4 10:30 am to 12:00 pm Location:
Physical Sciences Building, UCSC Instructor: Barry
Bowman

This course would address questions such as -

- How do we convert food to energy?
- What are the basic chemicals in our food?
- What are vitamins and what is their function?
- Why do we need omega3 fatty acids?



Winter & Spring Speakers

January (15th)

Flora Lu, Associate Professor in the Department of Environmental Studies at UC Santa Cruz and Colleges Nine and Ten Provost.

Topic: Native Amazonians, Cultural Change, and Oil Extraction in Ecuador's Biodiverse Rainforests

Over two decades ago Flora Lu began traveling to indigenous communities in the Ecuadorian Amazon, conducting studies about resource use, household economics, and social organization. In this talk, she shares some of her work and stories about a group of Waorani communities, whose contemporary dilemmas exemplify the challenges when indigenous territories, protected areas, and oil concessions overlap.

February (19th)

Kerstin Wasson, Research Coordinator Elkhorn Slough National Estuarine Research Reserve

March (19th)

Bruce Lyon, Professor of Ecology and Evolutionary Biology.

Topic: What can we learn about animal behavior by studying birds?

April (23rd)

Lee and Lincoln Taiz. Lee is a former Research Associate and Lincoln is Professor Emeritus

Topic: Flora Unveiled: Discovery and Denial of Sex in Plants.

May (21st)

To be announced.

All of the above meetings are at the Multipurpose Room, Colleges Nine and Ten, UCSC Campus.

Colleges Nine & Ten News

OLLI is very fortunate to have a cordial relationship with UCSC's Colleges 9 and 10. Among the benefits to OLLI are activities and events in which we can participate:

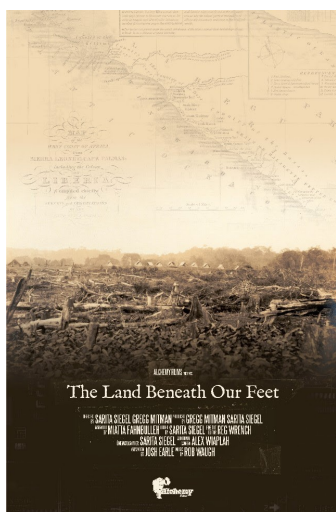
1. Alternative Spring Break with Colleges 9 and 10. We are seeking up to 10 OLLI members who will partner with Colleges 9 and 10 students during the week of the Alternative Spring Break, Sunday March 26 to Thursday March 30. If you are interested please contact Mark Gordon at mgordon@cruzio.com. In addition, there will be an ASB community forum on campus early in March where leaders of the Watsonville community will present perspectives pertaining to the ASB. Look for date and location details early in 2017.

This year again there will be a clothing drive for farm-worker families in Watsonville during the ASB in March. We will be collecting clean used clothing at our February meeting, as well as at a drop off location at Mary Carvalho's home. Drop off details will be sent out in February.

2. Colleges 9 and 10 CoCurricular program sponsors many events during the year.

The following pages are a few of the events that have been announced so far. We will list these on our website and update time and location info as it becomes available. The Colleges welcome OLLI members to attend any of these events.

Mark Gordon



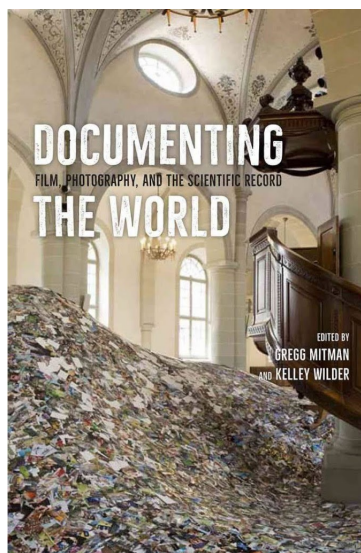
The Land Beneath Our Feet
Monday January 9, 2017
5:30-7:30PM
Location TBD

A film screening followed by a conversation with Gregg Mitman & Donna Haraway.

The Land Beneath Our Feet follows a young Liberian man, uprooted by war, who returns from the USA with never-before-seen footage of

Liberia's past. Depicting a 1926 corporate land grab, it is also an explosive reminder of eroding land rights. What can this ghostly footage offer a nation, as it debates radical land reforms that could empower communities to shape a more diverse, stable, and sustainable future?

For more information contact:
mfernan3@ucsc.edu or ihr@ucsc.edu



Film, Photography, and the Scientific Record

Tuesday January 10, 2017
11:30AM-1:30PM
Humanities 1, Room 210

A reading and seminar with Dr. Gregg Mitman.

Documenting the World concerns the material and social life of photographs and film made in the scientific quest to document the world. Mitman's chapter investigates the many lives of a 1926 Harvard expedition

film shot in Liberia; Ginsburg's chapter explores the repurposing of Nazi medical films by disability activists. Both chapters examine what can happen when colonial and totalitarian impulses to collect, classify, and control are repurposed by those whose ancestors were once the objects of that documentary gaze.

For the readings and more information, contact mfernan3@ucsc.edu



Muthaland

Wednesday January 25, 2017
7pm
Colleges Nine and Ten Multipurpose Room

Minita Gandhi performs as herself in an epic journey of coming of age for a first-generation Indian-American female. Her life is forever changed on a trip to India where she unearths family secrets and ultimately discovers her voice within a culture of silence.

The familiar and the foreign swap roles in this dark comedy about culture, identity, spirituality, and sexuality inspired by true stories.



#worldhijabday

World Hijab Day
Wednesday February 1, 2017

The Coco and MSA are collaborating on a Pop-Up outside the MPR and Dining Hall celebrating the right to choose how to dress and represent oneself. This world-wide event was created as a means to foster religious tolerance and understanding by inviting people to experience the hijab for one day. Learn about the significance of the hijab culturally, religiously, and politically.

Understanding Standing Rock
Friday February 3, 2017
4pm - 7pm
Colleges Nine and Ten Multi-purpose Room

A collaborative event focused on understanding the conflict surrounding the Dakota Access Pipeline and the next steps for earth justice activists.

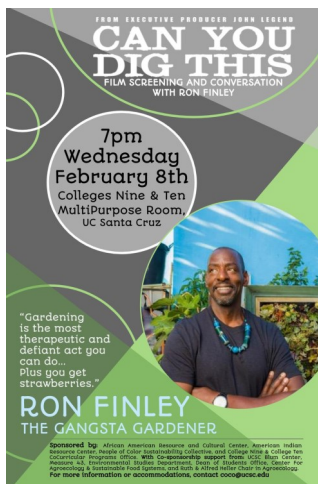


Gather in the Garden, La Via Campesina: Globalizing hope, globalizing the struggle!
Thursday February 23, 2017
afternoon, exact time TBD
Location TBD, Colleges Nine and Ten

La Via Campesina is an international movement of small farmers, womyn farmers, indigenous peoples, and landless people that work to defend food sovereignty against multinational corporations. This workshop aims to highlight the fight for food sovereignty and the fight against neoliberalist powers. Through role playing we will step into the shoes of those who have been a part of this mass movement, and as we reflect on their knowledge & experiences, we will begin to envision solutions to the struggles we face in our own communities.



Campus walk, UCSC



"Can You Dig This?" Film Screening and Conversation with Ron Finley.
Wednesday February 8, 2017
7pm - 9pm
Colleges Nine and Ten Multi-purpose Room

Ron Finley is the renowned "guerrilla gardener of South Central L.A." and an advocate of urban gardens as a way to address poverty, alleviate food insecurity, and promote community cohesion. With the help of activists and community members, he was able to legalize curbside gardening in the city of L.A. for community use.

Check out his TED Talk here, or watch the trailer for the film here.