

Academy for Lifelong Learning

A Program of the Oregon State University Alumni Association

Fall 2011 Schedule Of Classes

- ISSUES & IDEAS
- WORLD CULTURES:
ETHIOPIA
- ARTS
- HUMANITIES
- SCIENCE



CLASSES BEGIN SEPTEMBER 27

www.ALL-osuaa.org

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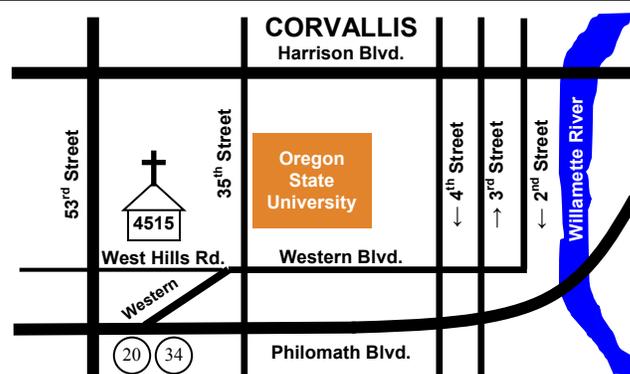
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WHAT IS ALL?

The Academy for Lifelong Learning (ALL), a program of the Oregon State Alumni Association, was established in 2002. ALL is a self-funded, peer-led membership organization. ALL embraces learning as a lifelong process. As such, members—now numbering more than 300—support the Academy’s objectives through their participation as students, as presenters, and generally in the successful operation of the program. In addition to the ALL Advisory Council, the administrative body, and the ALL Curriculum and Facilities Committees, there are several other committees essential to the total effort. *Your involvement in ALL beyond being a student is welcomed and encouraged. Please contact any member of the Advisory Council, Curriculum or Facilities Committee for additional information. Get ALL involved!* **You do not need to be an OSU alumnus or a retiree to be a member of ALL.** Periodic socials (coffee/tea) are held throughout the term in the Fireside Room before or after classes for people to visit and share ideas. There will be advance announcements of dates and times. Class suggestions are welcome and encouraged.

WHERE ARE THE CLASSES HELD?

Most ALL classes meet in the Meeting Room of the First Congregational Church, United Church of Christ. The Church is located at 4515 SW West Hills Road, about a mile west of 35th Street. The Church has ample parking behind the building. Headsets for enhanced hearing during the classes are available. Class attendees are asked to turn off (or set to vibrate only) all cell phones and pagers during classes.



HOW DO I JOIN?

Membership in ALL is **\$100** per year. While you do not have to be affiliated with OSU in any way, we encourage you to join the Oregon State Alumni Association (OSUAA). There is a five-percent discount in the ALL membership fee for those who are members of OSUAA. There are some excellent benefits for being a member as well; please check www.osualum.com under the benefits section for a full listing. You may attend as few or as many classes as you wish for a full year beginning the term in which you join. (Additional fees are charged for a few classes to cover books, travel, class materials, meals, etc.) If you attended just two out of every three classes offered, each class would cost less than **\$1** to attend—**What A Deal!!**

HOW DO I PAY?

You can pay either by personal check or with a credit card. Just enter the appropriate information in the specified area on the Registration Form (INSERT 1). Your personal information will be handled with care and without risk of identity theft or misuse of credit card information.

Please register as soon as possible, preferably before September 12th. Classes with limited enrollments may fill quickly. Having the anticipated class attendance helps with class planning. Join or register today!

WHAT IS THE CLASS CANCELLATION POLICY?

If weather is questionable, members must evaluate their personal risk in attending classes. It should be noted that in icy conditions, the better approach to the Church is from 53rd St. Classes will usually be held unless the presenter chooses to cancel. If a class must be canceled, ALL will inform members as soon as possible by sending an e-mail notice of cancellation and by placing a cancellation message on the ALL telephone message. **When in doubt, check your email or phone 541-737-9405.**

HOW DO I CONTACT ALL?

Address: Academy for Lifelong Learning
OSU Alumni Association
204 CH2M Hill Alumni Center
Corvallis, Oregon 97331-6303

Phone: **541-737-9405** and leave a message. We will try to return your call within 24 hours.

E-mail: admin@all-osuaa.org

Web: www.ALL-osuaa.org
(includes the current class descriptions and Registration Form)

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ADVISORY COUNCIL & MAJOR COMMITTEES

ADVISORY COUNCIL

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	Liaison	

CURRICULUM COMMITTEE

Arts	Issues & Ideas	Humanities	World Cultures	Science
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Tom Orwick	Ed Heath	Megha Shyam	Renate Schuller	Jean Peters
Erika Schoell	Bill Hohenboken	Cliff Trow		Bill Wickes
Susan Smyth Tucker	Bill Kemper			

Resource Members: Maxine Eckes and Judy Ringle

FACILITIES COMMITTEE

Keith Dunlap	Lloyd Swanson	Dan Youngberg	Bob Gisler, Resource Member
Denis Jarvis, Chair	Mark Tucker		

PUBLICATIONS EDITING & PUBLISHING: BILL KEMPER

SPECIAL CLASS

Bridge Seminar and Tour with the Portland Bridge Lady

Friday, September 30, 8:30AM-5:00PM 🚌

To learn why Portland is called “Bridge City,” join us on this day-long outing. Sharon Wood Wortman, author of *The Portland Bridge Book*, will first present her former Oregon Chautauqua program, *Bridge Stories—A Storytelling Slide Show*. After lunch, she will guide us through ODOT’s Willamette River Bridges exhibit in Old Town. By bus and on foot, we will then explore some of the largest, oldest, and the most number of unique bridges not just in Oregon, but the world. As a final treat, we will walk across the Veteran’s Hospital Skybridge and ride the \$57 million Portland Aerial Tram (the batophobic or gephyrophobic may sit out this part of the trip). Visit <www.bridgestories.com/contact.html> to get pre-acquainted with Sharon and the bridges of Portland. The cost of this trip is \$40, which includes a box lunch and all other expenses. Pre-registration is required; class size is limited to 45 participants. Register early to insure a place. The



\$40 cost per person includes all transportation fees (including riding the Tram), seminar, bridge tour, box lunch, and handouts. Meet at the church at 8:10AM for a prompt 8:30AM departure to Portland. We expect to return by 5:00PM. Wear comfortable shoes. Some walking is involved throughout the day, but the bus remains available for those who do not wish to walk on some segments. \$
Host: Bill Hohenboken

1. ISSUES & IDEAS

FALL 2011

Tuesdays, 9:30 - 11:30 AM unless otherwise noted in the class listing

Not Quite Adults: Why are 20-Somethings Delaying Adulthood?

Wednesday, September 28, 1:30

The media have flooded us with negative headlines about young people today, from their sense of entitlement to their immaturity. Rick Settersten, OSU Professor of Health and Human Sciences, will discuss the book *Not Quite Adults* (Random House), written by Settersten and co-author Barbara Ray. The book draws on a decade of scientific research to shatter many of these stereotypes and culminates in an unexpected message: a slower path to adulthood is good for all of us. For additional information see: www.notquiteadults.com

Host: Bill Kemper

The Evolution of Newport: Coast Resort to Marine Research Center

Tuesday, October 4, 9:30

Matt Spangler, North Coast Representative, Department of Land Conservation and Development, and formerly long-term Lincoln County Planning Director, will trace the evolution of Newport—from its origin as an ocean port, to its early development for beach and coastal recreation, to its mid-20th-century domination by wood products and marine industries, to its more recent emergence as a center for marine science research. He will focus on the major economic, demographic, and land development trends of the past century.

Host: Marv Gloege

ViewPlus: Maps, Charts, Diagrams, Blind People, Present and Future

Tuesday, October 11, 9:30

In 2011, most blind people (except people too old to have become part of the computer-literate generation) have reasonably good access to words in electronic documents, e-mail, and many web sites. Math and graphics have not been so accessible. Graphics are important to everybody. Nobody can fully access modern literature if she cannot read the charts, maps, and diagrams that appear in nearly everything written today. In fact this was the reason ViewPlus was founded. John Gardner, OSU Professor Emeritus of Physics and ViewPlus President and CTO, will review historical events, including the founding and growth of ViewPlus, leading to the ViewPlus Tiger embossing and IVEO software technologies that make accessible graphics possible. Authoring and reading of accessible graphics will be demonstrated.

Host: Bill Kemper

How to Know It’s a Community College—from LBCC’s 7th President

Tuesday, October 18, 9:30

Greg Hamann, LBCC President, will share how LBCC creates critical pathways for all of us to benefit from and contribute to the economic and cultural vitality of the Linn-Benton community. Formed by the Linn-Benton community in 1966 and governed by a community-elected Board for all of the 44 years since that time, LBCC continues to be passionate about its commitment to community: we continue to believe that our communities are better places to live and to work because of what we do.

Host: Marv Gloege

Understanding How Surveys Work**Tuesday, October 25, 9:30**

We read or hear about results of a poll or survey conducted on the general public nearly every week in the news. Some results state that a certain candidate is in the lead, while another concludes the opposite. News organizations don't analyze and collect survey data in the same way. For example, should a telephone survey include called landlines and cellular phones? Virginia Lesser, Director, Survey Research Center at OSU, will discuss the methodologies involved in conducting high-quality surveys.

Host: Bill Kemper

Oregon's Demographic Trends**Tuesday, November 1, 9:30**

Kanhaiya Vaidya, Senior Demographer with Oregon's Office of Economic Analysis, will discuss historical and future trends of population in Oregon. Demographics influence all aspects of our lives and shape our reality. Population changes greatly influence state and local government budget allocations for public services. Age structure determines college and school enrollments, demand for jobs, and need for elder care. Race and ethnic composition changes the landscape in our work place and market place.

Host: Marv Gloege

Aprovecho Stove Project—All Stoves Considered**Tuesday, November 8, 9:30**

Wood-burning stoves contribute to ill health, watershed degradation, and social instability in developing countries. To mitigate these problems, Aprovecho Research Center in Cottage Grove has designed, tested, and delivered highly efficient biomass cooking technologies, garnering acclaim from the UN World Food Program and international media. Fred Colgan, Institutional Stoves Program Co-Director, will share their fascinating story, and his. Learn about Stove Camp, Stove-Tec, and Stove Factory-in-a-Box.

Host: Bill Hohenboken

**A2R Farms—Transitioning to Diversified, Integrated and Organic****Tuesday, November 15, 9:30**

Clint Lindsey of A2R Farms, Corvallis, will describe economic, social, and environmental challenges facing Willamette Valley grass-seed farms. His family is responding by diversification (adding flax, red wheat, beans and hull-less oats to their product mix), strategically reducing acreage under cultivation. They partner with like-minded farmers, adding product value by processing, contracting with specialty markets, and working towards organic certification—looking forward while modifying practices from the past.

Host: Bill Hohenboken

How Will Oregon Fare in the Next Earthquake?**Tuesday, November 29, 9:30**

The last earthquake of note that affected Oregon was over 300 years ago, and until about 1975 it was believed that the state was immune to such a disaster. Much of what we consider as essential for contemporary life was built more than four decades ago. How these and contemporary features will fare can only be evaluated by consideration of effects of seismicity elsewhere. Scott Ashford, head of the School of Civil and Construction Engineering at OSU, has been on professional reconnaissance teams to examine such post-seismic effects in Chile, New Zealand and Japan. His observations will provide a basis for a discussion of what we should expect when the 'big one' strikes Oregon.

Host: Colin Brown

The Israeli/Palestinian Conflict: A Personal View**Tuesday, December 6, 9:30**

Yigal Toister is a Corvallis realtor who was born in Israel and earned a law degree at the Hebrew University of Jerusalem. He will discuss the chain of events, twists of history, and complex nature of this intractable conflict. It is an interactive story of two peoples with opposing rights, assumptions, and aspirations, set in an explosive and vital world theater. Is there hope for a solution, or will it continue to be a saga of missed opportunities?

Host: Bill Hohenboken

2. ETHIOPIA

FALL 2011

Tuesdays, 1:30 - 3:30 PM unless otherwise noted in the class listing

The Ethiopians: A History from Biblical Times to the Present

Tuesday, September 27, 1:30



To open the series, Steven Rubert, OSU Associate Professor of History, will discuss Ethiopia's pre-Christian origins, the period of the establishment, spread and influence of Christian monasteries, as well as the continuous struggle between princes for control of the state, reunification in the 19th century, the rule of Haile Selassie from 1934 to 1974, and the post-Selassie period.

Host: Marie Mingo

Three Months of Sunshine

Tuesday, October 4, 1:30

A beautiful and unique country and one of the world's oldest Christian nations, Ethiopia is home to more than 150 language groups and has a rich cultural heritage. Jackie Farah, with a career in teaching and curriculum development, had the pleasure of living and working for five years with the Oromo people in the rural western highlands of Ethiopia, and she loves to share her experiences through stories, pictures, and artifacts.

Host: David Eiseman

View From the Afar: Six Million Years of Human and Primate Evolution in Ethiopia

Friday, October 7, 9:30



Sediments from the Afar region of Ethiopia provide one of the most important windows into six million years of Earth history. Drawing on his own and others' explorations, Stephen R. Frost, University of Oregon Professor of Anthropology, will examine what the fossil and archeological evidence tell us about human and primate evolution and some of the environments inhabited by past human species, with some observations on the relationship between climatic change and evolution.

Host: Marie Mingo

A Sister City Experience—Water and Wastewater in Gondar, Ethiopia

Tuesday October 11, 1:30

Rollie Baxter, retired city public works director, and Lee March, retired building official, will report on the work of the Corvallis-Gondar Sister City organization to improve water and wastewater facilities in Gondar, a city of 250,000. The presentation will be based on their visits to Gondar and will detail the projects undertaken, challenges encountered, and results achieved.

Host: Renate Schuller



YES WE CAN! Creating a Vision for Education in Ethiopia

Tuesday, October 18, 9:30

What is it like to take part in the Corvallis-Gondar Sister Cities Association's efforts to transform a traditional school into a model school? Maxine Prickel, retired Lane Community College ESOL instructor and former Professional Development Trainer, Oregon Department of Education, and Don Prickel, retired OSU Professor of Education, journeyed to Gondar and lived in a typical neighborhood. They will describe their daily life and lead discussion of their experience working as partners with an educational committee in Gondar and the students of Tsadiku Yohannes Elementary School. Included will be correspondence between students of three Corvallis schools and the Gondar students.

Host: Marie Mingo

Battle of the Books—Bibles and Korans of Ethiopia

Tuesday, October 25, 1:30



Christians and Muslims have lived side by side in Ethiopia for almost 1,500 years now. Both take great care in preparing their sacred texts. Though they have sometimes been at war with one another, mainly they have lived at peace, content to live out their differences in other ways. Their books reveal to us the heart and identity of each group—and their differences. Steve Delamarter, director of the Ethiopian Manuscript Imaging Project, will guide us through a multi-media tour of Ethiopia's book cultures.

Host: Renate Schuller



Water Conflict and Cooperation Along the Nile**Tuesday, November 1, 1:30**

Ethiopia contributes 75 percent of Nile flow and has been increasingly interested in developing its agriculture and hydropower potential. Downstream, Egypt has relied on a relatively unimpeded flow for millennia. This tension is formed by local, regional, and historical politics that has resulted in periods of intense conflict and regional cooperation. Recent development and political uncertainties suggest a critical time for decision making. Aaron Wolf, OSU Professor of Geosciences, and noted for his conflict resolution work with transboundary water conflicts, will share his experience with this Nile water issue.

Host: Marie Mingo

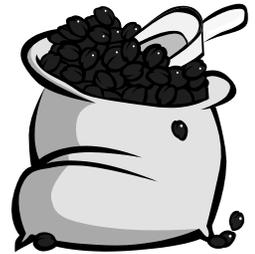
Family Life and Status of Women**Tuesday, November 8, 1:30**

The characteristic of the typical Ethiopian family structure in general includes an extended family with strong ties. Although not recognized as such, women play pivotal roles in the continuation and maintenance of the family structure. Yema Measho, Attorney at Law in Corvallis, will highlight the family structure in Ethiopia with special emphasis on women's standing in the family despite their critical role in sustaining the structure.

Host: David Eiseman

Gala Ethiopian Dinner**Wed., Nov. 9, No Host Bar 5:30PM - Dinner at 6:00PM****Salad:** Lentil Alecha Soup (lentil soup with carrots, onions, celery and herbs)**Main Course:**

Doro Wot with Berbere served on Injera (chicken stew in a spicy sauce served on a Teff Crepe)
Gomen (stewed collard greens)

Vegetarian Option: chick peas to replace chicken in stew**Dessert:** oranges, bananas, and papaya drizzled with lime-honey**Beverages:** sparkling mango juice, coffee, teas, spiced cider**No Host Bar:** red and white wine, beer, assorted soft drinks, with nuts**Location:** CH2M Hill Alumni Center, OSU
[Parking on campus: free after 5:00 PM]**Cost:** \$22, including gratuity**Submit Payment with Class Registration \$****Integrated Watershed Management and Agroforestry in Ethiopia****Tuesday, November 15, 1:30**

Badege Bishaw, OSU Instructor of Forest Ecosystems and Ethiopian native, and Ray William, OSU Professor Emeritus of Horticulture, will discuss deforestation and degradation on the Ethiopian Highlands. Drawing from Ethiopian history, culture, and natural resources management, the presenters will discuss worldwide agroforestry practices as they relate to Ethiopia and Gondar.

Host: Renate Schuller

Travel to Ethiopia**Tuesday, November 29, 1:30**

Ethiopia is a country with its own calendar and its own clock, the only African country never colonized and a timeline that extends back beyond any other country. It is a land of contrasts and challenges and is not for a relaxing vacation, but to venture out. David Fitchett, retired orthopedic surgeon, will provide a pictorial presentation of Ethiopia, from the historic cities of the north (Aksum, Lalibela, Gondar and Bahai Dar) to the tribes of the south (the Khonzo, Hamer, and Mursi).

Host: David Eiseman

Glimmer of Hope! Corvallis Volunteers Journey to Ethiopia**Tuesday, December 6, 1:30**

Most reference to Ethiopia is centered around economic poverty, although the country is a land of extremes in many ways. Robel Tadesse, from Gondar, Ethiopia, and Corvallis-Gondar Sister Cities Association board member, invites you to come and enjoy his personal perspective and facts about Ethiopia, as well as explore the exchanges made and lessons learned between Corvallis volunteers and Gondar, Ethiopia.

Host: David Eiseman

The Creative Process for Apparel Design

Wednesday, September 28, 9:30

After thirty years of teaching apparel design courses at Oregon State University and creating wearable art, Nancy Bryant, Professor Emeritus, retired to open a fiber arts studio in Corvallis in 2004. Currently she creates apparel and accessories in her studio. She will talk about the process of creating wearable art for competitions and exhibitions, followed by a discussion of the process by which she develops the clothing styles and accessories she now makes for sale. Nancy will bring some garments and accessories to illustrate her presentation.

Host: Nancy Groesz

Oregon Carousels, Featuring the Albany Historic Carousel and Museum

Wednesday, October 5, 9:30



Join the Albany Historic Carousel and Museum's Operations Manager, Tyson Brown, and Darrell Jebin, host of the Salem Public Access series, "Did you know...about Oregon," as they discuss the colorful past and promising future of Oregon's carousels through a DVD viewing and slide show. The Albany carousel project began in 2002 by volunteers of various skill levels. The anatomically correct carved/painted animals are meticulously done with hand tools. A 1909 Dentzel Carousel mechanism, possibly the last made by Gustav Dentzel, has been donated to drive the framework, incorporating not just the circular and vertical motion, but also lights and music.

Host: Nancy Groesz

OMG, tht woz nt a wrd lst yr: how peeps tlk n a bberry wrld (lol)

Wednesday, October 12, 9:30

We live in an age of 24/7 digital connectedness, but can we equate connectedness with communication. William Powers, in Hamlet's BlackBerry, provides an historical review of communications technology and concludes that disconnectedness is as important as connectedness, especially in what he terms "the age of screens." Art Bervin, retired English teacher, will review Powers' book and lead a discussion about the nature of communication and non-communication.

Host: Tom Orwick

ArtsCare in Our Community

Wednesday, October 19, 9:30

ArtsCare is a creative partnership between the Arts Center and Samaritan Health Services. There is a strong connection between art and healing in modern health care practices. Mary Van Denend, ArtsCare coordinator, will introduce us to this very successful program, which draws artists from all backgrounds to work with people who are going through physical challenges. The arts can bring healing and comfort in times of great stress. Also attending will be some of the artists who participate and bring their creative gifts of art to heal and empower.

Host: Dorothy Louis

Willamette STAGE Company

Wednesday, October 26, 9:30

Robert Delk Hirsh is Willamette STAGE Company's founding Artistic Director. Willamette STAGE Company brings provocative, professional live theatre to the mid-Willamette Valley. WSC gathers together the best theatre artists in the region to design and stage productions of award-winning plays by the best contemporary playwrights. The plays are chosen for their artistic quality and for their ability to challenge the conceptions and perspectives of the audience. Robert will preview the coming exciting season of WSC productions.

Host: Susan Smyth Tucker



Corvallis Youth Symphony**Wednesday, November 2, 9:30**

Charles Creighton, recipient of many statewide and national teaching awards, will give an overview of the Corvallis Youth Symphony. Charles started the CYS in 1982 and has been its music director for 29 years. Be prepared to enjoy some great stories about our Corvallis Youth Symphony.

Host: Tom Orwick

📺 A Sense of Place: Landscapes of the West**Wednesday, November 9, 9:30**

What compels an artist to engage a sense of place in his work? In his talk, nationally-known, local artist, Greg Pfarr, will explore his decision to work with the power, beauty, and contradictions of landscape, particularly landscapes of the West. A long-time hiker and backpacker, Greg will discuss how his own immediate engagement with a variety of wilderness areas—from the high Cascades to the deserts of the Southwest—has motivated his work. Greg's presentation will demonstrate his artistic process and will include etchings, drawings, and paintings.

Host: Dorothy Louis

Opium and the *Symphonie Fantastique***Wednesday, November 30, 9:30**

The French composer Hector Berlioz (1803-1869) wrote works that exerted a powerful influence on the music of the 19th century and beyond. The *Symphonie Fantastique* (1830) stands as the most remarkable first symphony ever written. David Eiseman, OSU Professor Emeritus of Music, will discuss this work in terms of its explicit autobiographical reference, its expression as relates to orchestral color, thematic transformation, and form.

Host: Nancy Groesz

Young at Heart**Wednesday, December 7, 9:30**

Get ready to rock out with the most entertaining “golden oldies” you will ever meet. This documentary video features a fun-loving senior citizen's choir called Young@Heart. This inspiring group of loveable seniors must learn a slate of new songs ranging from James Brown to Coldplay. They are led by a tireless musical director who takes them through chaotic rehearsals that climax in a triumphant performance that will leave you cheering. This film is a very appropriate lead-in to the hectic holiday season. Discussion, if desired, will follow the ninety-minute show.

Host: Dorothy Louis

CLASS THEMES

CURRENT THEME: For 2011, Communications has been the special class theme. This past spring, the uprisings in the Middle East have often been associated with both the enhanced usage of and crackdowns on the access to the Internet. ALL continues this theme this term. Classes designated with the icon 📺 have a significant communications element. Several classes in the two previous terms have explored both the technologies and the social implications of communications. This term will be the last term with classes highlighted for having a communications emphasis. ALL is hopeful that these classes have piqued your awareness and understanding of this theme.

FEEDBACK REQUESTED: ALL welcomes feedback on the adoption of past and future themes. Future themes need not be for a full year, but can be for a single term. Please give any suggestions for topics to a Curriculum Committee Member or via email to ALL@all-osuaa.org.



4. HUMANITIES

FALL 2011

Thursdays, 9:30 - 11:30 AM unless otherwise noted in the class listing

Take Your Brain Back.....to Class

Thursday, September 29, 9:30



Brain Science: “The most exciting frontier of human knowledge since the Renaissance.” “Lifelong Learning” opportunities offer remarkable neuroprotective benefits with its innovative topics, socialization, and more. Learn how a mature mind learns. With research findings shattering long held myths of aging, everyone is challenged to stay current. Roger Anunsen, creator of MemAerobics and host of the TV series, *Your mindRAMP to Brain Health*, will present this program providing a wealth of recent neuroscience research ranging from how to build your own cognitive reserve to “foods for thought.”

Host: Margaret Dutton

Mahatma Gandhi—Recollections from Members of my Family

Thursday, October 6, 9:30

ALL member Megha Shyam will share family memories of Gandhi. His father and maternal uncle became devout followers of Mahatma Gandhi starting in the mid-20s. His older brother joined the Ashram founded by Gandhi working on Nai Talim—i.e., Basic Education. The Ashram attracted nearly 1,000 people every year as residents to study the concepts of education; Megha’s brother later became the General Secretary for Gandhi Peace Foundation for over 25 years. His family all wrote extensively and edited journals devoted to Gandhi’s ideals. Megha will present a sample from these writings, have samples of their work, and show insights into the life of the Mahatma.

Host: Margaret Dutton



Family Life of Ava Helen Pauling

Thursday, October 13, 9:30

Mina Carson, OSU Associate Professor of History, will explore the life of Ava Helen Pauling, peace activist, humanitarian, and wife of Linus Pauling. Ava Helen Pauling, an Oregon native and graduate of OSU, created her own career as a peace activist and feminist advocate, yet functioned as a vital partner in a largely conventional marriage dominated by her husband’s career. Mina is writing a biography of this fascinating woman, and will share her insights about the Paulings’ relationship and their family life.

Host: Cliff Trow

The Corvallis Raging Grannies Offer “Edutainment”

Thursday, October 20, 9:30

Raging Grannies groups were started in British Columbia more than 25 years ago to protest the surprise appearance of a nuclear submarine in the harbor. Since then more than 100 Raging Grannies “gaggles” have been both humorous and outspoken as they perform at an array of functions. They care about health, peace, civil rights, the environment, climate change, governmental issues, and much more! They take these problems seriously and hope that we inspire others to express themselves in some way. Come and enjoy the Corvallis Raging Grannies!

Host: Ruth Arent

Kingfisher: Stories of Alsea

Thursday, October 27, 9:30

Local historian, Judy Juntunen, will be joined by Alsea High School teachers, Patsy Jones and Marcia McKittrick, in describing how the Kingfisher project began and how it has changed and impacted the Alsea community and its students. Kingfisher continues to be a yearly publication telling the stories of Alsea’s past and the interesting people who have lived there. Through interviews, students have been integrated into the community as they discover more about the history of the area. Kingfisher remains an historical archive that has been used countless times.

Host: Cliff Trow

Logging on Federal Forests: How Much Is Enough? How Much Is Too Much? Thursday, Nov. 3, 9:30

Controversy has raged for decades over timber cutting on Federal lands in Oregon. These forests constitute nearly two-thirds of the forests of Oregon. In this talk, Paul Harcombe, Professor Emeritus of Ecology at Rice University, will consider some of the issues behind the controversy. After many years of stalemate, there are several recent developments: the release of a new management plan for the Northern Spotted Owl, new planning rules for the U.S. Forest Service, and implementation of new pilot projects in southern Oregon. Can these developments result in a new compromise that will break the stalemate?

Host: Ruth Arent

Adventures in Improving Soil Biology**Thursday, November 10, 9:30**

Matt Slaughter received extensive training and mentoring from Elaine Ingham, former OSU Associate Professor of Botany and Plant Pathology and a worldwide authority on soil biology. Matt is the president and owner of Earth Fortification Supplies, a Corvallis-based company, that provides soil amendments, compost tea brewers, composting equipment, and educational literature. He will focus on the benefits and functions of soil biology and its relationship to plants, by giving examples of the biology itself, as well as practical steps needed to help improve the soil. He will discuss the importance of shifting our perspective in relationship to plants mostly from an agriculture perspective, but with useful views for horticulture as well. Examples of these principles at work in different parts of the world, such as Australia and Israel, will be shared. There will be plenty of time for Q & A.

Host: Megha Shyam

Wildlife Disease Ecology: Can It Be Related to Human Diseases?**Thursday, November 17, 9:30**

There is a significant reduction of animal species throughout the world. Does it matter? Rhea Hanselman will talk about wildlife disease ecology and its relationship to human health. She is currently doing research at Oregon State Department of Zoology and will focus on the “dilution effect,” whereby species diversity dilutes the risk of infectious disease present in an ecosystem. Severe ecosystem disturbance, which can be found right in our own backyards, can lead to infectious disease and health risks within the wildlife and human community.

Host: Margaret Dutton

Separation of Church and State: “The Second Disestablishment”**Thursday, December 1, 9:30**

As part of a two-part lecture series on the issue of the separation of church and state, Steven K. Green, Professor of Law and Adjunct Professor of History at Willamette University, will discuss his most recent book, *The Second Disestablishment: Church and State in Nineteenth-Century America* and relate his findings to the current legal battle over the church and state relationship.

Host: Cliff Trow

**A Different Perspective on the Establishment Clause****Thursday, December 8, 9:30**

As the second part of a two-part series on separation of church and state, Paul deLespinasse, Professor Emeritus of Political Science at Adrian College in Michigan, will explain how and why the words, “Congress shall make no law respecting an establishment of religion” were added to the original Constitution and will trace the interpretation placed on them by the Supreme Court.

Host: Cliff Trow

Robotic-Assisted Surgery in Gynecology**Thursday, September 29, 1:30**

For complex hysterectomies and other gynecologic procedures, robot-assisted surgery with the da Vinci[®] Surgical System may be the most effective, least invasive treatment option. Through just a few tiny openings, complex procedures can be performed with extreme precision. Linda Fox, of Samaritan Gynecology & Surgical Associates, was one of two surgeons who pioneered the use of this system at Good Samaritan. Linda will describe her experience (and passion) with this recently developed laparoscopic surgical technique.

Host: Ron Coffey

The Glory Days of Nuclear Engineering**Thursday, October 6, 1:30**

When nuclear energy was first discovered, there was a surge of interest to develop practical applications of this new power source. Len Maki, retired nuclear engineer, will describe some of the many different concepts that were proposed to generate commercial electric power. The early nuclear engineers also designed and built nuclear rockets, nuclear power plants for space applications, mobile nuclear power plants for the Army, as well as nuclear power plants for the Navy. These innovative reactors will be discussed as well.

Host: Ron Coffey

Exploring the Universe—An Amateur Astronomer's View**Thursday, October 13, 1:30**

The last 20 years have brought tremendous capability within reach of average astronomers. What was marginally visible to the planet's largest telescopes 20 years ago leaps off the computer screens of today's amateur astrophotographers. Renowned local astronomer, Tom Carrico, will discuss advancements in detectors, telescopes, and image processing, and how it is possible for anyone in the audience to capture beautiful images of the night sky. Tom will also show many of his own glorious images (see www.astronomytom.com).

Host: Bill Wickes

**Life in the Abyss: Technological Advances in the Study of Seafloor Ecology****Thursday, Oct. 20, 1:30**

The deep ocean covers more than 60 percent of the Earth's surface, but there are many inherent technical difficulties in studying the remote ecosystems that exist at extreme depths. However, new technologies allow scientists to characterize more of the processes that link the seafloor to surface climate variations and the importance of deep-sea ecosystems to the global ocean. This talk by Michael Vardaro, OSU Assistant Professor of Oceanic and Atmospheric Sciences, will cover the history of deep-sea research and some of the newest techniques used to study the abyss, from time-lapse cameras to manned and robotic submersibles to long-term ocean observatories.

Host: Bill Wickes

OSU Graduate Students Present Current Biology Research Projects**Thursday, October 27, 1:30**

Several students, invited by Kari van Zee, Program Coordinator for Scientists and Teachers in Education Partnerships (STEP) at OSU, will describe the projects leading to advanced degrees. Their research involves various fields of biology such as zoology, ecology, biochemistry, and molecular biology. It will be fascinating to learn about the techniques and purposes of research required for science graduate research. ALL participants will play a valuable role in providing feedback/mentoring to the graduate students on how to present their research to a public audience.

Host: Ron Coffey

Medical Curiosities Over a 35-year Career—The Lady or The Tiger?**Thursday, November 3, 1:30**

Michael Wong, Pediatrician, Corvallis Clinic, will describe several unusual cases seen over his career. Medical practice oftentimes involve situations that present as a medical mystery, because it is a common malady with atypical presentation or a rare entity presenting as a common disease. One must think of all possibilities.

Host: Denis Jarvis

Exploring DNA Fingerprinting in Forensics: Hands on Lab**Thursday, November 10, 1:30** 🚗

Kari van Zee, Program Coordinator for Scientists and Teachers in Education Partnerships (STEP) at OSU, will conduct a lab workshop for ALL. After an introduction to DNA, you will do some actual DNA fingerprinting. You will use standard lab procedures, but no experience is required. The lab environment imposes a limit of 24 participants, but, because Kari's workshops have been so popular, we will manage a reserve list to ensure that all 24 places are used. Car pooling will be organized from the Church parking lot to OSU. Details will be announced later.

Host: Denis Jarvis

**Exploring DNA Fingerprinting in Forensics: Classroom Followup to Lab****Thurs., November 17, 1:30**

Anyone attending the workshop will want to attend this class, but it is also open to all. Kari van Zee will summarize the lab work, show the results, and discuss usage in Forensics, so that you will benefit even if you could not attend the workshop.

Host: Denis Jarvis

Savory Science / Wine & Cheese Pairing**Thursday, December 1, 3:00-5:00** 🚗

Fellowship and fun with a selection of red and white wines and the choice of accompanying cheese varieties are included in this class. Oregon's "Mr. Cheese," OSU Professor Emeritus of Food Technology, Floyd Bodyfelt will enlighten. We will sample and savor these tasty applications of the fermentation sciences! Place: Corvallis Elks Lodge 1413, 1400 NW Ninth St. Cost: \$12. Prepay with registration or by November 10th.

Host: Jean Peters

📌 A New HP Seismic Sensor for Oil and Gas Exploration**Thursday, December 8, 1:30**

Rich Duncombe, Senior Strategist for Hewlett-Packard's Imaging and Printing Group, will describe a new inertial sensing (accelerometer) technology that has many potential applications. In a particular example, with their low cost, small size, and low power consumption, the sensors can be deployed on a large scale to reveal the locations of oil and natural gas deposits using three-dimensional images that have better resolution and fidelity than those from the geophones used today. This new micro-electro-mechanical systems (MEMS) device was developed at HP Laboratories and at HP's Corvallis site.

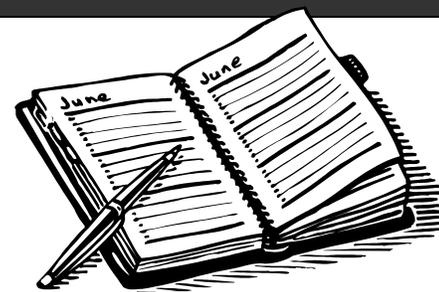
Host: Bill Wickes



CLASS SELECTION FALL 2011

YOUR COPY

Before sending in your registration form, take a moment and either make a copy of it or use this page to note which classes you selected. You will then have a record of your expressed intentions. Exceptional dates and times are in **Bold print**. If a  symbol is shown, the class/event is not at the First Congregational Church. Please plan transportation accordingly.



SPECIAL CLASS

Friday, Sept. 30, 8:30-5:00: Portland Bridges \$ 

1. Issues & Ideas

- Wednesday, Sept. 28, 1:30-3:30: Not Quite Adults**
- Tuesday, Oct. 4, 9:30-11:30: The Evolution of Newport
- Tuesday, Oct. 11, 9:30-11:30: ViewPlus 
- Tuesday, Oct. 18, 9:30-11:30: LBCC
- Tuesday, Oct. 25, 9:30-11:30: Understanding Surveys 
- Tuesday, Nov. 1, 9:30-11:30: Oregon's Demographics
- Tuesday, Nov. 8, 9:30-11:30: Aprovecho Stove
- Tuesday, Nov. 15, 9:30-11:30: A2R Farms
- Tuesday, Nov. 29, 9:30-11:30: Next Oregon Earthquake
- Tuesday, Dec. 6, 9:30-11:30: Israeli/Palestinian Conflict

2. Ethiopia

- Tuesday, Sept. 27, 1:30-3:30: The Ethiopians
- Tuesday, Oct. 4, 1:30-3:30: Three Months of Sunshine
- Friday, Oct. 7, 9:30-11:30: Evolution in Ethiopia**
- Tuesday, Oct. 11, 1:30-3:30: Sister City Experience
- Tuesday, Oct. 18, 1:30-3:30: Education in Ethiopia 
- Tuesday, Oct. 25, 1:30-3:30: Bibles and Korans
- Tuesday, Nov. 1, 1:30-3:30: Water Conflict and Cooperation
- Tuesday, Nov. 8, 1:30-3:30: Family Life & Status of Women
- Wednesday, Nov. 9, 5:30PM: Gala Dinner \$** 
- Tuesday, Nov. 15, 1:30-3:30: Agroforestry in Ethiopia
- Tuesday, Nov. 29, 1:30-3:30: Travel to Ethiopia
- Tuesday, Dec. 6, 1:30-3:30: Corvallis & Gondar

3. Arts

- Wednesday, Sept. 28, 9:30-11:30: Apparel Design
- Wednesday, Oct. 5, 9:30-11:30: Albany Historic Carousel
- Wednesday, Oct. 12, 9:30-11:30: OMG, tht woz nt a 

- Wednesday, Oct. 19, 9:30-11:30: ArtsCare in Our Community 
- Wednesday, Oct. 26, 9:30-11:30: Willamette STAGE Company
- Wednesday, Nov. 2, 9:30-11:30: Corvallis Youth Symphony
- Wednesday, Nov. 9, 9:30-11:30: Landscapes of the West 
- Wednesday, Nov. 30, 9:30-11:30: *Symphonie Fantastique*
- Wednesday, Dec. 7, 9:30-11:30: Young at Heart

4. Humanities

- Thursday, Sept. 29, 9:30-11:30: Take Your Brain Back.....  to Class
- Thursday, Oct. 6, 9:30-11:30: Mahatma Gandhi
- Thursday, Oct. 13, 9:30-11:30: Life of Ava Helen Pauling
- Thursday, Oct. 20, 9:30-11:30: Corvallis Raging Grannies 
- Thursday, Oct. 27, 9:30-11:30: Kingfisher: Stories of Alsea 
- Thursday, Nov. 3, 9:30-11:30: Logging on Federal Forests
- Thursday, Nov. 10, 9:30-11:30: Improving Soil Biology
- Thursday, Nov. 17, 9:30-11:30: Wildlife Disease Ecology
- Thursday, Dec. 1, 9:30-11:30: Separation of Church/State I
- Thursday, Dec. 8, 9:30-11:30: Separation of Church/State II

5. Science

- Thursday, Sept. 29, 1:30-3:30: Robotic Assisted Surgery
- Thursday, Oct. 6, 1:30-3:30: Glory Days of Nuclear Engineering
- Thursday, Oct. 13, 1:30-3:30: Exploring the Universe 
- Thursday, Oct. 20, 1:30-3:30: Seafloor Ecology 
- Thursday, Oct. 27, 1:30-3:30: OSU Graduate Students 
- Thursday, Nov. 3, 1:30-3:30: Medical Curiosities Over a 35-year Career
- Thursday, Nov. 10, 1:30-3:30: DNA Fingerprinting Lab 
- Thursday, Nov. 17, 1:30-3:30: DNA Fingerprinting Followup
- Thursday, Dec. 1, 3:00-5:00: Savory Science \$** 
- Thursday, Dec. 8, 1:30-3:30: HP Seismic Sensor 

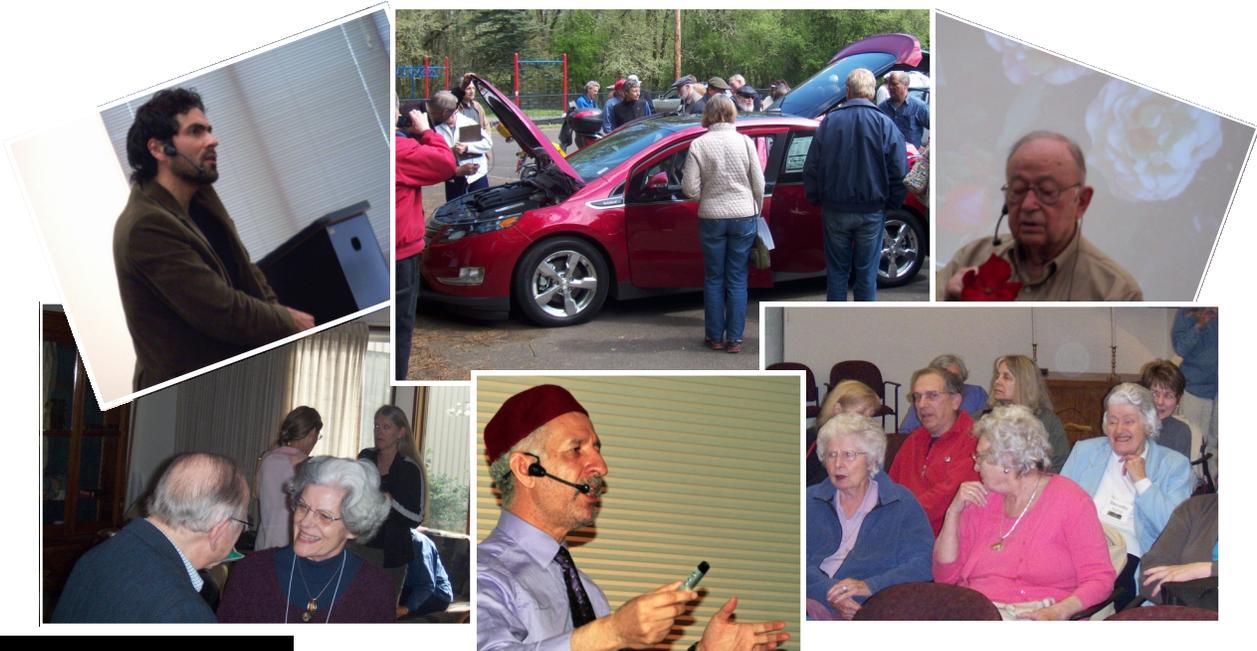
TUESDAY AM Issues & Ideas PM Ethiopia	WEDNESDAY AM Arts	THURSDAY AM Humanities PM Science	MONDAY/FRIDAY
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