

COURSE 1 RUSSIA AND US - SHIFTING ALLIANCE

Greg R. Lawson
Dr. Steven Miner
AM/PM on 10/13
AM 10/16, 23

Following the end of the Cold War, Americans believed that Russian-American rivalry was a thing of the past. Once again, however, Russia is often cast as a geostrategic threat. This four-hour course explores the history of Soviet-American relations, paying closest attention to WWII, when for four years the two countries were allied before the Cold War commenced. A brief overview of the Soviet era will be followed by a discussion of the Putin years and an examination of the continuities and differences between the present and previous decades.

Dr. Miner is Professor in the OSU Department of History and Director of the Contemporary History Institute. Dr. Miner is a specialist in recent Russian/Soviet and East European history. Greg R. Lawson, Research Fellow at The Buckeye Institute, is Buckeye's main liaison to the statehouse where he educates policymakers on free-market solutions to Ohio's challenges.

COURSE 2 THE AMERICAN MUSICAL

Dave Powers
AM/PM on 10/3, 10

American musicals have played a significant role in the culture of the United States influencing various styles, civics, social and political change. The goal of this course is to expose students to the interconnectedness of musicals and politics by highlighting composers such as George and Ira Gershwin, Richard Rogers, Jerome Kern, Cole Porter, and Irving Berlin. Students will gain historical perspective about the "show-tunes" of yesterday that are now classics by listening to performances and discussing how they now claim a place in the "Great American Songbook."

Dave Powers is a popular and accomplished local musician with a national reputation. He performs, appears on TV and serves as an adjunct faculty member of The OSU School of Music.

COURSE 3 MEDICAL DISCOVERIES. NEW TECHNOLOGICAL ADVANCES AND BIOETHICS

Dr. Gail Muchler
AM/PM on 10/19, 20

The wonders of technology have opened the world of medicine in ways never imagined. This course demonstrates how abstract math and "big data" have exponentially increased our abilities to apply mathematical knowledge to biology and personalized medicine. This dynamic course covers: Farm to Pharming (Pharmaceutical companies); Microbes- are they

our enemies or our friends; Genetics— natural vs. manipulated (gene engineering /editing); and Treatments- chemical vs. biologic vs. immunologic. Finally, the course will close with a discussion on ethics— providing students with a better understanding of how to manage the good vs. evil implied in these advances.

Dr. Gail E. Mutchler is a graduate of the Ohio State University. He recently retired from Ohio Health where he served as Medical Director and a member of the Ethics Committee.

COURSE 4 IMMIGRATION AND THE REFUGEE EXPERIENCE

Dr. Saleshi Asfaw Ayalew
Dr. Fazeel S. Khan and Dr. Romin Iqbal
AM/PM on 10/17, 24

Immigration is one of the most discussed political topics in America today. This course provides an overview as to why there are new waves of immigrants and refugees coming to America. It will provide a deeper understanding of the journey by addressing loss of identity, trauma, cultural challenges, misconceptions and changing policies that refugees experiences in assimilating. Finally, students will explore how American culture and community are enriched and impacted by the immigrants' presence among us. Deepening our understanding of the Immigrants' experience leads us to celebrate our collective humanity.

Dr. Saleshi Asfaw Ayalew, Executive Director of Ethiopian Tewahedo Social Services has a Doctorate of Medicine and Masters in Public Health Methodology, Education and Behavioral Sciences with extensive experience working with the Refugee and Immigrant community in Columbus. Fazeel S. Khan is a civil rights activist and a consumer protection attorney with several degrees, most recently an advanced law degree from Case Western Reserve University. Romin Iqbal is a civil rights attorney specializing in topics of concern to American Muslims. He obtained his law degree at the Ohio State University.

COURSE 5 VILLAINY AND THE PROBLEM OF EVIL IN SHAKESPEARE

Dr. Elise Ryan
AM/PM on 10/5, 6

Shakespeare created some of the most dastardly— and some of the most fun—villains for the stage. But these villains don't always see themselves as bad people. Their motivations are complex combinations of bad intent and honest hope for personal or social change. We'll examine some of Shakespeare's best-known villains and discuss how villainy and the questions of bad faith and wicked intentions were understood during the English Renaissance and how villainy occasionally intersects with Renaissance discourses of friendship and sixteenth century theories of class and

race. We'll also juxtapose villains with their more virtuous counterparts to map the contours of the moral worlds Shakespeare's plays create.

Elise Lonich Ryan, Ph.D. teaches courses on Shakespeare, medieval and Renaissance literature, and college writing in the Department of Writing, Philosophy, and the Humanities at Columbus College of Art and Design.

COURSE 6 HEALTH AND WELLNESS

Julie Nawalaniec, R.D. L.D.
AM/PM on 10/12, 26

Nutrition and Wellness is more than calories, carbs and protein. Knowledge is power in maintaining our bodies and brains. Students will spend two days exploring food safety covering what length is too long to keep deli meat, that mystery meat in the freezer, safe food preparation, super-foods - what they are and what they do for our body, label reading – is it a foreign language or should we be attentive to labeling? This course ends with Healthy eating to empower you to make healthy choices for a healthier you.

Julie Nawalaniec owns DiCon Health Services, providing consulting services to senior living communities in Ohio including wellness programs for independent and assisted living residents; comprehensive nutritional assessments receiving skilled nursing care, as well as, those receiving home health and hospice care and partnering with culinary services to assist them with meeting their department goals.

COURSE 7 EXPLORING EINSTEIN'S UNIVERSE

Dr. Barbara Ryden
PM on 10/2, 9, 16, 23

Albert Einstein published his theory of general relativity in 1915. However, it is only now, a century later, that some of the mind-bending results of the theory are being explored. This course will take students on an expedition through Einstein's universe. Einstein predicted that space could contain what we now call "dark energy," a component of the universe that makes its expansion speed up. This course will give students a greater understanding of the basic working principals behind gravitational lenses, black holes, gravitational waves, and dark energy. In 2011, the Nobel Prize in Physics was awarded to Einstein for the observational discovery that the expansion of the universe is (you guessed it!) speeding up.

OSU Professor Barbara Ryden, joined the Astronomy faculty after completing her PhD from Princeton and working at the Smithsonian Astrophysical Observatory and the Canadian Institute for Theoretical Astrophysics. Her focus is galaxy evolution and the largescale structure of universe.

BONUS COURSE CLIMATE CHANGE

Dr. Stacy Porter
AM on 10/2, 9

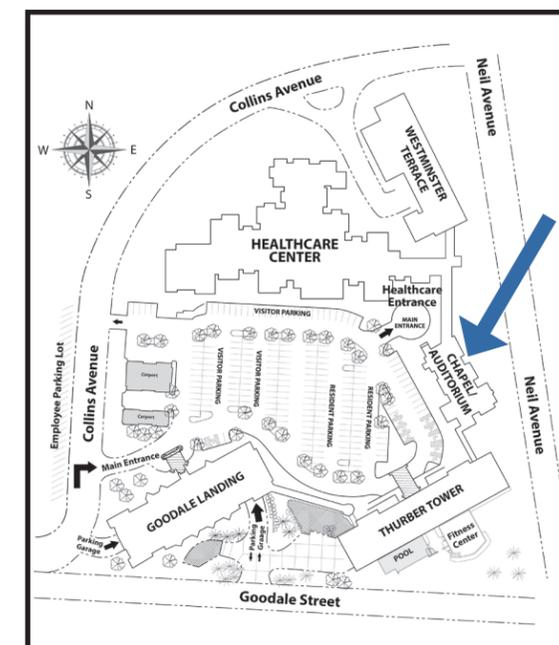
Free to the first 100 registrants!

Although global climate change is frequently in the news as a politically contentious issue, the scientific community is virtually unanimous on two points: (1) the Earth is warming, and (2) much of the warming since the 1950s is due to human activities. Many impacts of global climate change are already evident across our planet; for example, glaciers around the world are retreating, sea level is rising, the ocean is becoming more acidic, and weather patterns are changing. This course will explore the current state of the Earth's climate along with predictions for the future. Students will learn the fundamentals of ice cores collected from both polar and tropical, high-elevation ice fields to reconstruct past climates, and the logistics of field expeditions for ice core retrieval, transport, storage, and analysis.

Dr. Stacy Porter, a postdoctoral researcher at the Ohio State University currently studies climate science at the Byrd Polar Climate Research Center.

OWLS

on the campus of
Ohio Living Westminster-Thurber
in the Auditorium
717 Neil Avenue, Columbus, OH
614.228.8888
easy access with free parking on site



Morning Session: 10:00 AM to 12 Noon

Afternoon Session: 1:00 PM to 3:00 PM

October 2017



OWLS
 School for Older Wiser Lifelong Scholars
 Ohio Living Westminster-Thurber
 645 Neil Avenue, Box 107
 Columbus, Ohio 43215-1619

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Monday	Tuesday	Wednesday	Thursday	Friday
2 ★ Climate Change LUNCH 7 Exploring Einstein's Universe	3 2 The American Musical LUNCH lecture continuation	4	5 5 Villainy and the Problem of Evil in Shakespeare LUNCH lecture continuation	6 5 Villainy and the Problem of Evil in Shakespeare LUNCH lecture continuation
9 ★ Climate Change LUNCH 7 Exploring Einstein's Universe	10 2 The American Musical LUNCH lecture continuation	11	12 6 Health and Wellness LUNCH lecture continuation	13 1 Russia and US - Shifting Alliances LUNCH lecture continuation
16 1 Russia and US - Shifting Alliances LUNCH 7 Exploring Einstein's Universe	17 4 Immigration and the Refugee Experience LUNCH lecture continuation	18	19 3 Medical Discoveries, and Bioethics LUNCH lecture continuation	20 3 Medical Discoveries, and Bioethics LUNCH lecture continuation
23 1 Russia and US - Shifting Alliances LUNCH 7 Exploring Einstein's Universe	24 4 Immigration and the Refugee Experience LUNCH lecture continuation	25	26 6 Health and Wellness LUNCH lecture continuation	27

REGISTRATION MATERIAL ENCLOSED

For More Details www.OhioLiving.org/OWLS

OWLS 2017

The Course List



course #	course name
1	Russia and US- Shifting Alliance
2	The American Musical
3	Medical Discoveries and Bioethics
4	Immigration-History, Laws, Bans and Impact
5	Villainy and the Problem of Evil in Shakespeare
6	Nutrition and Wellness
7	Exploring Einstein's Universe
★	BONUS COURSE - Climate Change

It's a tradition! For more than 20 years **OWLS** has provided challenging college level courses for those who are eager to learn.

Classes are held on the campus of Ohio Living Westminster-Thurber in the Auditorium.

717 Neil Ave. Columbus, Ohio 43215
 Free Parking on Site

REGISTRATION MATERIALS and LUNCH OPTIONS ENCLOSED

Please share the **School for OWLS** link with your friends detailing all the information needed.

www.OhioLiving.org/OWLS

Have questions? Call 614-228-8888

For More Details www.OhioLiving.org/OWLS