

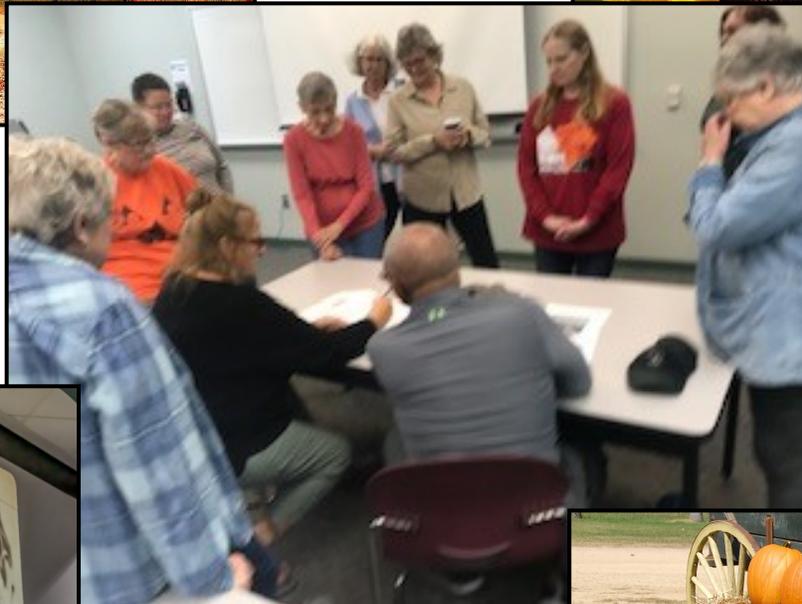


Oak Ridge Institute for Continued Learning

# Fall 2020

***ORICL - Enriching Lives Through Continued Learning***

September 14th through December 4th  
Online Registration Opens August 10  
Early Registration ends August 24



***ORICL...***



*“A perfect blend of those who love to learn with those who love to teach”*

# INFORMATION ABOUT ORICL

**Oak Ridge Institute for Continued Learning** is sponsored by Roane State Community College. ORICL is administered by a board of directors elected by the members. Roane State provides classrooms, an office, administrative and technical support.

Residents of Oak Ridge and the surrounding area of all backgrounds and educational levels are invited to become members of ORICL. Its programs are designed to respond to the interests of the participants, who may take courses, go on group trips, or join in other activities.

**In order to attend classes and activities**, it is necessary to join the Institute as a dues-paying member. The fee for membership is **\$100 for the full year's three terms beginning in September; \$80 for two terms beginning in February; and \$45 for the summer term only. We need two separate registrations from couples, even if both partners wish to take the same courses.**

Out-of-town guests may be class visitors for one session on a space-available basis. Call the office for availability, as seating space is sometimes limited.

Classes for the Fall 2020 term begin on Monday, September 14 and end on Friday, December 4. Online registration will open at 9:00 a.m. Monday, August 10; paper registrations mailed to the office will be processed in the order received beginning Tuesday, August 11. **Please keep a copy of the list of classes you requested so you can compare it to the schedule you receive. If a class is not on your schedule that means you are on a waiting list.** Registrants will be notified by phone if a space becomes available in a class for which they are on a waiting list.

Some art courses may entail additional fees for materials; the fees are non-refundable a week before class begins. **After receipt of acknowledgment that you are assigned to that art class, please send fees to the ORICL office by September 14.**

## **PLEASE READ — REGISTRATION PROCEDURES:**

**We have implemented a web-based registration program. You may initially register for up to 10 classes. You may register online or submit a paper registration to the office. Registrations turned into the office will not be put into the system until registration opens. Class fulfillment will be on a first come, first served basis. The earlier you submit your paper registration the better chance you will receive the classes you choose. If you previously registered by paper form and now wish to register online please call the ORICL office for further instructions.**

**Online registration will open at 9:00 a.m. on Monday, August 10. Paper registrations will be input beginning at 9:00 a.m. on Tuesday, August 11.**

**If you have any questions about the online registration process please call the office at 865-481-8222 or e-mail the office at [oricl@roanestate.edu](mailto:oricl@roanestate.edu). We will be glad to answer your questions.**

**\*\*Your \$100 membership fee is now due.\*\***

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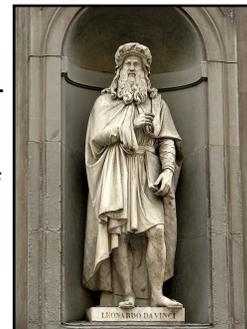
*Please be sure and thank the instructors for their time and effort in preparing and presenting for ORICL courses. Since they are not compensated monetarily their “pay” is through your interest and participation.*

# CLASSES

## ART & CULTURE

### 100 Leonardo da Vinci and the Italian High Renaissance

We continue with part 2 of “The Great Courses: Leonardo da Vinci and the Italian High Renaissance” taught by Professor George R. Bent and issued by the Teaching Company. The following is excerpted from the Teaching Company’s notes. “Leonardo da Vinci (1452-1519), was the consummate Renaissance man, a master of art, science, and engineering. He could cast figures in bronze, was sought out for his knowledge of warfare, was regarded as one of his day’s most insightful mathematicians, and knew more about the physics of motion, energy, and flight than anyone else of his age. In addition to these interests, he also produced some of the most important and famous artistic images of all time, including the portrait of the *Mona Lisa* and his mural of *The Last Supper*. This course examines the life and work of Leonardo da Vinci from all of these perspectives and also considers the context in which he lived, bracketing the period considered as the high renaissance.”



Professor Bent has taught in the Department of Art and Art History at Washington and Lee University since 1993. A two-time holder of Fulbright scholarships to Italy, Professor Bent received his PhD in art history from Stanford University in 1993.

*Murray Martin is the coordinator for this video presentation. He has enjoyed many of the Great Courses over the years and would like to share with you his enthusiastic response to this Teaching Company offering. Murray has previously taught and presented courses on music and travel.*

Six sessions: Mondays, 4:00 p.m. - 5:10 p.m., September 14, 21, 28; October 5, 12, 19

### 101 Circumnavigating Australia



In early December 2019 my wife Carol and I embarked on a 30-day round-trip cruise from Sydney, Australia. We traveled on Oceania’s “Regatta.” We circumnavigated Australia but also visited two locations in Papua, New Guinea, one on Komodo Island, and one in Bali. I will describe our experiences at the various ports of call and illustrate the lectures with photographs I took. Background information, such as relevant history will be included. Getting close to the legendary Komodo dragons was the highlight of the trip.

*Frank Plasil was born in Prague, Czechoslovakia, in 1939. He grew up in Geneva, Switzerland, attending the International School. He received a BSc from the University of London, and a PhD from the University of California at Berkeley. As a UT-Battelle Corporate Fellow, he retired from the Physics Division of ORNL in 2002. Both during his active scientific career and during retirement he has traveled extensively with his wife Carol. Exploring the world in its many aspects is a passion that the Plasils share.*



Two sessions: Mondays, 2:30 p.m. - 3:40 p.m., September 21, 28

## 102 A Visit to Berlin: Monuments, Culture and Some History

The city of Berlin is famous for its landmarks, galleries, museums and performing arts. Germany's capital was founded back in the 13<sup>th</sup> century. The city is full of monuments reminding us of its turbulent 20<sup>th</sup> century history, especially of WWI and WWII eras. The most memorable includes its Holocaust memorial, the Berlin Wall's graffitied remains, and "Checkpoint Charlie." Berlin was divided in 1971 during the Cold War into East and West Berlins, and then reunified in 1990 at the end of the Cold War. Its 18<sup>th</sup> century Brandenburg Gate has become a symbol of this reunification as well as the democratic Berlin itself.



Last year, my wife Ilana and I visited Berlin for the first time, and we were impressed during our ten days there by the city's many attractions, especially its numerous historical monuments. In this class I will first provide a brief historical background of Germany starting from the 18<sup>th</sup> and 19<sup>th</sup> centuries leading to its more recent unfortunate developments of the 20<sup>th</sup> century. I will then describe some of its many monuments and attractions, and briefly describe Germany's tremendous political and economic recovery after WWII and its successful integration (so far....) into the advanced Western alliances.

*Moshe Siman-Tov worked at ORNL from 1967 until he retired in 2000. He received his PhD in Engineering Mechanics from UT in 1975, MS from the University of Cincinnati in 1967, and BS from the Technion in Israel in 1961. He was born in Israel (under the British Mandate at the time) in 1935 and served in the Israeli Army from 1955 to 1957. He moved with his family to the USA in 1964. Moshe presented five ORICL classes in the past, including two on the Israeli/Palestinian conflict with Jim Harb in 2004 and one on the Middle East with Professor Bob Cunningham in 2015. He often visits Israel with his wife Ilana and keeps abreast of the developments in the region.*

Two sessions: Thursdays, 11:00 a.m. - 12:10 p.m., September 24; October 1

**This class will be conducted online only via Zoom.**

## 103 Fiber, Paper, Ink: Mixed Media & the Elements of Design

**Fee: \$10**



In this class students will learn about the elements of design: line, shape, form, value, space, color, and texture. We will use mixed media techniques to create art panels that combine these elements. Methods will include collage, drawing, paper weaving, texture rubbings, hand stitching, and fiber wrapping. Special emphasis will be placed upon incorporating fiber into the designs.

**Materials needed:** Students need to bring a pair of scissors suitable for cutting paper and fibers, a ruler, a large glue stick, and a good eraser. They should also bring images and text to incorporate into their creations. These may include photograph copies, old magazines, catalogs, newspapers, wrapping papers, etc. Topics may comprise anything that interests the student. Examples are travel, history, literature, science and mathematics, culinary arts, gardening, sports, studio arts, performing arts. Please do not bring valuable original photos. Fibers and additional materials and tools will be provided.

*Melissa Nelson was born and grew up in Huntsville, AL. She spent many happy weekends camping and hiking in the mountains of Tennessee and always knew that she would move here someday. Her academic background includes degrees in Biology, Liberal Arts, and Medicine. She has a particular interest in interdisciplinary studies. She was introduced to the joys of fiber arts at an early age. As her interest in other art forms has grown, she is always on the lookout for genre-bending mixed media experiments. Her interests in art history and in different cultures inform her explorations.*

Three sessions: Thursdays, 11:00 a.m. - 12:10 p.m., September 17, 24; October 1

## 104 Iceland - Land of Ice and Fire

This class will be a travelogue of our amazing hiking tour of Iceland. It will include some geology, history and mythology associated with this very unique island where new Earth-crust is being created “in front of our eyes” (so to speak).



*Ilana Siman-Tov earned a Masters in Engineering Science from the University of Tennessee, Knoxville. She retired from the Irradiation Engineering Group as a Project Leader in 1995.*

One session: Thursday, 1:00 p.m. - 2:10 p.m., October 1

**This class will be conducted online only via Zoom.**

## 105 Cheap and Cheerful Jewelry: Fun, Fall Earring Sets

**Fee: \$10**



Have an entertaining morning creating a trio of fun seasonally themed earrings. Earrings will feature candy corn, turkeys, and snowmen. This class is suitable for beginners. It will teach you the very basics of using a 1-step looper and proper opening and closing of jump rings. Students of all levels are welcome. All students will be able to complete 3 pairs of earrings during the class in time for their holiday gatherings. This fun and stress free class is a great way to ease into the fall and holiday season.

*Nicole Ferrara graduated in 2009 from California State University with a BA in Art History and a double minor in Philosophy and Studio Art-Painting. Ms. Ferrara has shown her personal art extensively in California, Washington, and New York.*

Oak Ridge Art Center, 701 Badger Avenue, Oak Ridge

One session: Friday, 10:00 a.m. - 1:00 p.m., October 2

## 106 Art a la Carte Film Series

*Art a la Carte* is a series of brown-bag luncheon learning programs designed for those interested in the arts – both artists and arts appreciators. Films concentrate on art history, museum collections, interviews with artists and/or demonstrations by various artists, and the creative muse or spirit. For the fall of 2020 we will be showing a film from the “Exhibition on Screen” series:



“Matisse” will feature the life and work of Henri Matisse with information from the MoMa and Tate Modern Museum. This film will be shown in September and October. Each of the films will be shown in two segments – ½ in each of two months with overlapping scenes to help relate the information to the viewers. In November, as a special holiday treat, we will view “Loving Vincent,” the first feature length, oil painted animated film in the world, in its entirety (95 minutes).



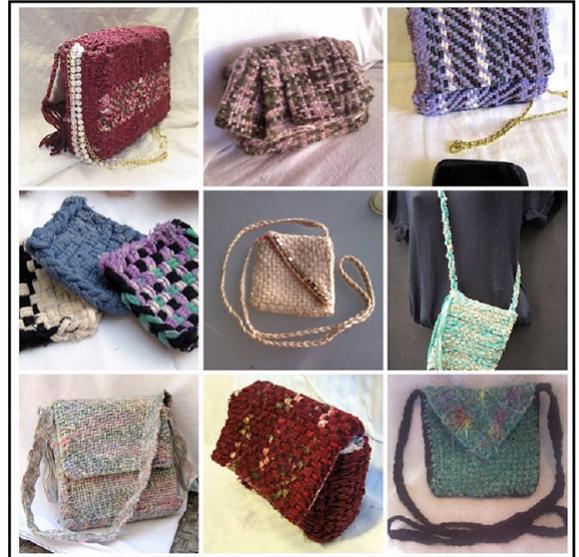
The beauty of the piece is that it is done in Van Gogh’s own style and the storyline and dialogue are drawn from his many letters and diary entries. This film was originally scheduled for the spring of 2020, but was missed due to the pandemic closure so we are happy to be able to share it this holiday season. The *Art a la Carte* series is held the fourth Friday of the month at 12:00 p.m.

Oak Ridge Art Center, 701 Badger Avenue, Oak Ridge

Three sessions: Fridays, 12:00 p.m. – 1:00 p.m., September 25; October 23; November 27

**107 Weaving with the Potholder Loom - Basic****Fee: \$40**

Did you ever weave potholders on a square loom when you were a child? Using this loom, students will start weaving potholders, then progress to working with the same loom to weave shaped pieces (squares, rectangles, triangles, and even circles) that they will join together to produce their choice of wallets, shoulder bags, bottle holders, caps, seat cushions, or even rugs. Samples of different items that can be made using this loom will be available at each class for examination. Students will be encouraged to take their work home and continue between classes. Initial materials, including the metal loom, loops and yarns, will be available at each class session through the instructor. Students desiring any additional weaving supplies or looms may purchase items directly from the instructor.



Basic materials fee is \$40 per student which includes \$15 for the loom. The loom can be returned at the end of class for a \$15 refund.

*Andy Lyle is a native of Oak Ridge, a member of the Elm Grove Elementary Alumni Association, and a graduate of UTK. She has been weaving using the potholder loom since she was a child, moving to larger looms in the 1980s. She is a member of the Foothills Craft Guild, the Kentucky Guild for Artists and Craftsmen, the Locally Grown Gallery in Oak Ridge and the Tuesday Weavers at the Appalachian Arts Craft Center in Norris.*

Four sessions: Wednesdays, 4:00 p.m. - 5:10 p.m., September 16, 23, 30; October 7

**This will be a hybrid course, some sessions will be in-person and some will be on-line.**

**108 Weaving with the Potholder Loom - Advanced****Fee: TBD**

This class is a continuation of the Basic – Weaving with the Potholder Loom class. Using the loom, students will start weaving potholders, then progress to working with the same loom to weave pieces (squares, rectangles, triangles, and even circles) that they will join together to produce their choice of wallets, shoulder bags, bottle holders, caps, seat cushions, or even rugs. Samples of different items that can be made using this loom will be available at each class for examination. Students will be encouraged to take their work home and continue between classes. Initial materials, including the metal loom, loops and yarns, will be available at each class session through the instructor. Students desiring any additional weaving supplies or looms may purchase items directly from the instructor.

The materials fee for the Advanced Weaving class will be determined prior to the class beginning between the student and the instructor based on the project chosen by the student.

*See bio for Andy Lyle above.*

Four sessions: Wednesdays, 4:00 p.m. - 5:10 p.m., October 14, 21, 28; November 4

**This will be a hybrid course, some sessions will be in-person and some will be on-line.**

## 109 Two Short Women Go Underground in Spain and France

Ever the students, in late September 2019, we joined a small group on a 13-day Archaeological Institute of American tour of the painted caves of Basque, Spain, and Bordeaux, France, led by Paul Bahn, archaeologist and author of *Cave Art*. The pre-historic art found in actual caves and replicas provided intriguing looks at paintings and engravings that have fascinated all who visit and study them. In addition to about a dozen cave tours, we also visited several museums devoted to prehistoric artifacts in wonderful villages and cities along the way. We will share what we saw and learned about the cave art, including an overview of how widespread the paintings are; the techniques used; and how the academic world interprets what we saw. The drawings themselves are art in every sense of the word. Those people are us.



*Elane Streets and Harriet McCurdy met in the ORICL Shakespeare Out Loud class and discovered that they both wanted to visit Scotland. Harriett is a seasoned international traveler, having spent most of her adult life in biological research and teaching in international schools from Costa Rica to Myanmar with many stops in between. Elane lived and worked in England from 1972 to 1974, and over the years has traveled for business and pleasure to five of the seven continents. This was their second trip together.*

One session: Thursday, 11:00 a.m. - 12:10 p.m., December 3

**This class will be conducted online only via Zoom.**

## 110 Making Gnomes as Home or Christmas Ornaments

**Fee: \$50**



Build a mythical creature called Gnome. A diminutive spirit in Renaissance magic and alchemy, gnomes were first introduced by Paracelsus in the 16<sup>th</sup> century and later adopted by more recent authors including those in modern fantasy literature. Students in the class will create their own Gnome and have it ready to go on the mantel or hang from or go under the Christmas tree. Once created, the piece will be bisque fired before students glaze and then will be fired again. The class will agree on a day to pick up the completed pieces. Classes will meet in the pottery studio at the Oak Ridge Art Center, 201 Badger Avenue, Oak Ridge. Students should wear washable clothes and shoes and be prepared to play in the "mud."

*Bill Capshaw is a member of the Advisory Board of the Oak Ridge Art Center, where he oversees the planning and operation of the pottery studio and teaches beginning to advanced classes. He received a Bachelor of Fine Arts (Ceramics) in 1971 and a Master of Fine Arts (Printing Process) in 1974. In addition to teaching at the Art Center, he has given workshops at facilities such as the Appalachian Center for Crafts, Arrowmont, John C. Campbell Folk School, and Vanderbilt University. As a professional artist, he competes locally and on a national level, has received many awards, and is represented in many museum collections.*

Oak Ridge Center, 701 Badger Avenue, Oak Ridge.

Four sessions: Thursdays, 9:00 a.m. - 12:00 p.m., October 8, 15, 22, TBD

**Please remember that online registration opens August 10 Paper registrations will be input beginning August 11.**

**The earlier you register the better chances you have for getting the classes you request!**

**Paper registrations are input in the order received.**

## 111 Wheel Throwing Demonstration with Hands On!

**Fee: \$50**

This demonstration will show various aspects of wheel throwing. When Bill pulls up a pot, it is magic. It flows from the surface of the wheel to his hands, making it seem effortless. In this demonstration class, students will get the chance to learn the basic elements of wheel throwing – first watching, then trying. Each person will receive hands-on instruction of his six-step lesson to throw on the wheel. The emphasis of this class is to try the process rather than to make pieces. It will give you a real appreciation for the skill and experience it takes to control the clay and form it into a shape you desire. Ideal for the person who has wanted to try this craft but was afraid to invest in a long-term class. Classes will meet in the pottery studio of the Oak Ridge Art Center, 201 Badger Avenue, Oak Ridge. Students should wear washable clothes and shoes and be prepared to play in the “mud.”



See bio for Bill Capshaw on page 8.

Oak Ridge Art Center, 701 Badger Center, Oak Ridge

Two sessions: Thursdays, 9:00 a.m. – 12:00 p.m., November 5, 12

# FINANCE

## 200 Stock Option Investing for Income



This class will cover low defined risk – defined reward stock market option and investing strategies for short term income that can be used in bullish, bearish, and sideways markets. Income strategies to be covered are: covered calls, cash secured puts, and verticals (verticals consists of 2 options traded as one item). The course will start with definition of stock options to provide a basis of understanding. Practice options examples will be managed through the class using TD Ameritrade’s PaperMoney platform that simulates real trading. The course will start with a definition of what stock options are, the types to be discussed and presented in class with handouts containing summaries of the information. Students will be able to keep and use for reference as well as information on where students may get additional knowledge on options trading. Students will be encouraged to download the PaperMoney platform and practice options trading based upon class information. Students will be encouraged to share their results and pursue questions in class. Real-life options trading examples and results from the instructor’s trades will be shared in class.

*Steven Earhart is a private investor who manages his own portfolio. He belongs to an investing group and has shared his successful strategies with them and now wants to share them with ORICL members. Steven is not a financial advisor or employed with a brokerage or investing company but has learned strategies that have been successful in his own investing. He has a BS in Business Administration and a BS of Engineering Technology from ETSU and a MA in Business Administration from Elon College.*

Eleven sessions: Tuesdays, 2:30 p.m.– 3:40 p.m., September 15, 22, 29; October 6, 13, 20, 27; November 3, 10, 17, 24

**This class will be conducted online only via Zoom.**

## 201 Annuities: The Good, the Bad, and the Misunderstood

In this class you will learn why some people love annuities while others seem to hate them. If you own an annuity you will not want to miss this opportunity. In this three week class we will discuss: different types of annuities such as fixed, indexed, variable, and payout; common misconceptions about annuities, and the different and most common fee structures found with annuities.

*Brian Mullins is the Founder and President of Mullins Wealth Management, located in the "Secret City" of Oak Ridge, TN. As a financial advisor and registered representative he has practiced in Oak Ridge for over a decade, opening his private practice in June of 2014. Mullins Wealth Management serves hundreds of clients and households throughout Roane and Anderson counties. In 2013, he was named in Bank Investment Consultant's Magazine's Top 100, ranking number 78 nationwide. His clients include engineers, scientists and researchers, as well as homemakers and retirees from all walks of life. Brian works closely with local tax and legal professionals to provide complete and well informed advice and solutions to the variety of financial needs his clients face.*



Three sessions: Thursdays, 9:30 a.m. - 10:40 a.m., October 1, 8, 15

## 202 Post-Covid Investing and Financial Markets

This class will address the stock market's reaction to the COVID-19 pandemic and the impact of the federal government's response. We will discuss various related investment strategies and considerations. Be prepared for open discussion with less structure.

See bio for Brian Mullins above.

Two sessions: Thursdays, 9:30 a.m. - 10:40 a.m., October 22, 29



### Class Assistants Needed!

When filling out your registration form, please consider checking the box that says you would be willing to be a class assistant for one or more classes. We really could use a larger pool of class assistants, so please consider offering to help.

# HISTORY

## 250 How Winston Churchill Changed the World, Part II



This course follows Winston Churchill's career from its beginning in the early 1900s to its peak in the 1940s and to his last time as prime minister in the 1950s. It also takes a look at Churchill's interwar years. Much of the course focuses on the crucial part that Churchill played in World War II. An early opponent of Nazi Germany, he did more than any other British politician to denounce Hitler's rise and to encourage military preparations to meet the growing German threat.

This Great Courses DVD is authored by Michael Shelden, Professor of English at Indiana State University, where he has won the top award for excellence in scholarship. He earned his PhD in English from Indiana University.

*Dan Robbins retired from B&W Y-12 in 2013 after 47 years of company service. At Y-12 he was the director of the analytical laboratories. He is a chemistry graduate of UNC, Chapel Hill and a Princeton PhD.*

Seven sessions: Wednesdays, 1:00 p.m. – 2:10 p.m., September 16, 23, 30; October 7, 14, 21, 28

## 251 More Stories from the Secret City

This class will be a discussion of Oak Ridge history in a question and answer format with visual images of historic photographs and with documentary films. Emphasis will be placed on the early history of Oak Ridge but will include more recent history and discussion of the Manhattan Project National Historical Park and of possible future science exhibits and heritage tourism efforts.



*Ray Smith is an Oak Ridge City Historian, Tennessee Historical Commissioner, and retired Y-12 Historian with 48 years' experience living and working in Oak Ridge. He has authored 18 books of "Historically Speaking" newspaper columns published over the last 13 years. Ray has published ten books of local nature photographs, produced a 40-image photographic show, and was chosen as the exclusive source to provide photographs to decorate the TownePlace Suites as well as a portion of the Y-12 Federal Credit Union. He has produced 12 documentary films. Ray routinely leads tours of Oak Ridge and presents Oak Ridge history lectures an average of 40 times per year at conferences, schools, senior living centers, technical societies, historical groups and festivals. Ray has taught several ORICL classes on Oak Ridge history and the Manhattan Project National Historical Park.*

Three sessions: Wednesdays, 9:30 a.m. - 10:40 a.m., September 16, 23, 30

**This class will be conducted online only via Zoom.**

## 252 The Great Monsters of the 20th Century

The greatest mass killings in all history took place in the 20<sup>th</sup> century. The responsibility for this carnage rests primarily on three men, Adolph Hitler, Joseph Stalin, and Mao Zedong. In these lectures we will explore the particular brand of evil that each one wrought upon the world. We will examine their path to power, their utopian designs and the bizarre hold each had on their people.

*David Holman, a native of California, earned his BA in History from Cal State East Bay, and has taught middle school and high school for 25 years. David is now working as a teaching assistant at Oak Ridge High School.*



Four sessions: Thursdays, 4:00 p.m. - 5:10 p.m., September 17, 24; October 1, 8

## 253 Our Native American History: Heritage and Horrible Happenings

This class will cover a different topic each week concerning our Native American history.

Sequoyah and his syllabary  
 Cherokee Culture and what it means to live in a matrilineal society  
 The first Thanksgiving and King Philip's War  
 The Indian Removals: legal aspects  
 The Indian Removals: the actual journey  
 Columbus 1492 – how this all got started  
 Sand Creek, Wounded Knee  
 Tecumseh and the "Red Sticks", Red Cloud defeats the US Army  
 The War(s) for the Plains

*Wes Hibbert's interest in Native American history began while in college studying history. He earned his BA in history, political science and education from Kansas Wesleyan University. He spent a brief period teaching and then moved on to a career in contract management at several hospitals. Since retirement he has continued to learn and teach history of the Native Americans. He has shared his presentations at many locations in New Jersey and now in Tennessee.*

Nine sessions: Tuesdays, 9:30 a.m. - 10:40 a.m., September 15, 22, 29; October 6, 13, 20, 27; November 3, 10

**This class will be conducted online only via Zoom.**



## 254 The United States and the World since 1945: A Prologue to the Present

This course will seek to make sense of our puzzling present by exploring key influences on US history and how they evolved and shaped two misunderstood eras. The three decades after World War II were both “great” and an aberration. Since then, Americans have struggled to deal with a return to more “normal” circumstances – particularly the mixed effects of globalization in its array of forms. Perhaps a more accurate, informed understanding of “how we got here” may better equip us for these challenges and history’s incessant churning.



*Mark Banker is retired from Webb School in Knoxville, TN. He was a teacher of Advance Placement US History, Tennessee History, and Southern Appalachia history. He has taught at both the high school and college levels. Mark has received several awards and has published Appalachians All: East Tennesseans and the Elusive History of an American Region (University of Tennessee Press, 2010) and many articles.*

Eleven sessions: Fridays, 9:30 a.m. - 10:40 a.m., September 18, 25; October 2, 9, 16, 23, 30; November 6, 13, 20; December 4

### ORICL Class Disclaimer

**The course content provided in these classes is for information purposes only, and may not apply to your individual situation. ORICL and the staff provide no warranty about the content or accuracy of subject matter presented. Information provided is subjective. Keep this in mind when attending these classes. Any individual actions taken as a result of courses should be reviewed with competent authority. Please contact the ORICL office if you have any questions.**

### REMEMBER!

Roane State Security will issue a \$20 ticket if you are not parked in a legal parking space with a current ORICL hang tag on your rear-view mirror. This means no parking in driving lanes, spaces marked “visitor”, next to the curb, or “unpainted” parking spots. If you forget your hang tag (which enables you to park in the faculty lots A and B), you will need to obtain another parking sticker in the office. If you are new to ORICL, come by the office to get a hang tag if you would like to take advantage of this benefit.

Your parking permit sticker will be mailed with your class schedules in August. Then your permit will be valid until the beginning of Fall semester 2021.

# LANGUAGE

## 300 Russian I

This course will be a continuation of Russian I which was offered in the summer 2020 term. We will pick up where that class left off and continue. Students familiar with Russian are welcome to join us but should be aware that we will be at a rather basic level, probably with the genitive case and past tense. We will continue to use *The New Penguin Russian Course* by Nicholas J. Brown (ISBN 978-0-140-12041-7). It's available online at Amazon, Barnes & Noble, and Books-a-Million, and the local BAM can order it. There will be homework, perhaps an hour or 90 minutes per week.



*Karen Davis worked for the federal government for 42 years and all of that time was spent speaking or translating Russian or Ukrainian. For the last 12 years she has taught languages to DOD personnel. She scored 4s out of 5s in reading on the Interagency Language Roundtable scale (near-native) in both languages.*

Eleven sessions: Mondays, 12:00 p.m. - 1:00 p.m., September 14, 21, 28; October 5, 12, 19, 26; November 2, 9, 16, 23

**This class will be conducted online only via Zoom.**

## 301 Russian II



This course will be a continuation of Russian II which was offered in the summer 2020 term. We will pick up where that class left off and continue – most likely from instrumental case and a thorough review of aspect. Students familiar with Russian are welcome to join us. We will continue to use *The New Penguin Russian Course* by Nicholas J. Brown (ISBN 978-0-140-12041-7). It's available online at Amazon, Barnes & Noble, and Books-a-Million, and the local BAM can order it. There will be homework, perhaps an hour to 90 minutes per week.

*See bio for Karen Davis above.*

Eleven sessions: Mondays, 1:00 p.m. - 2:10 p.m., September 14, 21, 28; October 5, 12, 19, 26; November 2, 9, 16, 23

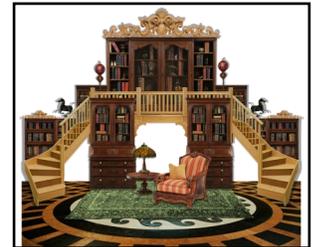
**This class will be conducted online only via Zoom.**

**Please note: Every person registering for Fall 2020 must pay the \$100 registration fee. We cannot process your paper registration without the accompanying fee; however, please do not pay class fees or trip fees until you receive your schedule signifying that you are enrolled.**

# LITERATURE

## 350 Fiction Book Group

The Fiction Book Group encourages its members to read and discuss together the fiction of the last several decades. We read recent winners of the National Book Award, the Pulitzer Prize, the Booker Prize, the PEN/Faulkner Award, and other literary prizes. Members recommend books they have read and the final selections are made by majority vote. Join us to discover some new authors and titles to enjoy. You'll like the lively, informal discussions and the insights offered by the avid readers in this group.



September: *The Book Woman of Troublesome Creek* by Kim Michele Richardson

*Class coordinator is Kay Moss.*

Three sessions: Thursdays, 1:00 p.m. – 2:15 p.m., September 24; October 22; December 3

**This class will be conducted online only via Zoom.**

## 351 Nonfiction Book Group



Nonfiction ranges widely: politics to biography; history to natural science; adventure to psychology; sociology to business – we read them all. Here's an opportunity to discover the ever-changing and evolving "facts" (and opinions) expressed by "experts" in subjects of personal and/or great interest. Members recommend books they have read with final selections made by majority vote. Come join us and surprise yourself by reading some titles you might never have considered – PLUS enjoy lively discussions that often stimulate additional thoughts on these subjects from a plethora of members' experiences and viewpoints!

September: *The Last Castle (Biltmore)* by Denise Kiernan

*Class coordinator is Denny Lay.*

Four sessions: Thursdays, 10:00 a.m. - 11:30 a.m., September 17; October 15; November 19; December 17

**This class will be conducted online only via Zoom.**

There are three categories of ORICL membership. Regular memberships are currently \$100 per year. **Sustaining Members** contribute a minimum of \$25 more than the otherwise applicable membership fee. **Sponsor Memberships** are available for \$50 or more above regular memberships. Sustaining and Sponsor Memberships are intended to provide additional funds for purposes beyond ordinary operating costs..

The additional donation above the regular membership amount is tax deductible.

## 352 Let's Read a Mystery

Why do we love a mystery? For some it is the process of watching something so artfully concealed be slowly revealed. Many of us like a genuine surprise, something we didn't see coming; yet something, once it is revealed, we realize is inevitable. We appreciate an interesting crime that needs resolution. We crave the intellectual challenge of solving a puzzle. We enjoy being caught up in the cat-and-mouse game between the "good guys" and the villains in a thriller. We appreciate following the protagonist through dangerous situations, knowing we are safe. For our mystery group murder and mayhem can be lots of fun! Join us if you dare.



September: *The Ice House: A Novel* by Minette Walters

October: *The Silent Patient* by Alex Michaelides

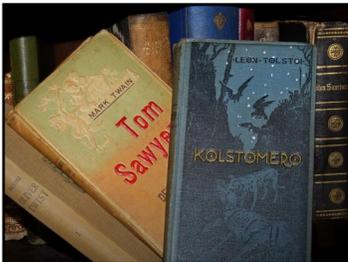
November: *Bruno, Chief of Police: A Mystery of the French Countryside* by Martin Walker

*Class coordinator is Katherine Smith.*

Three sessions: Tuesdays, 4:00 p.m. – 5:10 p.m., September 22; October 27; November 24

**This book group will be conducted online only via Zoom.**

## 353 Classic Literature Revisited



Are there well-known books considered classics that you haven't read but would like to explore? Might there be some lesser known titles by well-known authors that could be added to the list of their more famous works? What do these books and authors say to you now? Do they have a timelessness that applies to today's life and times or are/were they just a good story? What makes a book a classic, anyway? Perhaps there is no definitive answer.

Join the Classics book group to read and discuss classic literature with the view of challenging each other for new insights into old favorites. The group reads mainly novels first published fifty or more years ago that are still in print and/or easily obtained, usually from several sources and in various formats and/or editions, often free. We read prize-winning books by prize-winning authors. We read books that were best-sellers in their time, were recognized as best then and often still are. Come join us and bring your own suggestions of books and authors for future reading!

September: *The Magnificent Ambersons* by Booth Tarkington

October: *The Master and the Margarita* by Mikhail Bulgakov

November: *Franny and Zoey* by Pierre Sallinger

December: *The Sun Also Rises* by Ernest Hemingway

*Class coordinator is Janice Watkins.*

Four sessions: Mondays, 1:30 p.m. – 2:40 p.m., September 14; October 12; November 9; December 14

**This book group will be conducted online only via Zoom.**

## 354 The Poem as Experience

Reading (not writing) poetry. You will receive a plain copy of the poem which we will read in silence for ten minutes, followed by a discussion, using a technique of personal sharing which I will explain in detail. We will usually read only one poem per 70 minute session. You may bring a poem for reading, to later sessions of the class. Difficult poems, poems in foreign languages, and scriptural texts are encouraged. Poets read in past classes have included W. B. Yeats, Emily Dickinson, Wallace Stevens, Dylan Thomas, Rainer Maria Rilke, Robert Browning, John Keats, and G.M. Hopkins.



*Bob Richmond invented this reading format, and has taught it a number of times, several years ago in a Quaker setting (though it has no overt religious content), and more than once at ORICL in recent years. Bob is a retired physician who majored in German at Harvard in the 1950s. He has read a great deal of poetry before and since then.*

Eleven sessions: Thursdays, 1:00 p.m. - 2:10 p.m., September 17, 24; October 1, 8, 15, 22, 29; November 5, 12, 19; December 3

**This class will be conducted online only via Zoom.**

## 355 Shakespeare Out Loud

“Life every man holds dear, but the dear man holds honor far more precious-dear than life.”

Hector, in Act 5, scene 3, *Troilus and Cressida*



This class typically reads a comedy in the summer, but this term we will vary our schedule by reading Shakespeare’s tragedy *Troilus and Cressida*. It is set during the latter years of the Trojan War and follows the plotline from the *Iliad*. This play will start with Achilles’ refusal to fight in the war and end with Hector’s death. A second plot in the play is the doomed love affair between Troilus, a son of the Trojan King, Priam, and Cressida, another Trojan. The play also gives us Cressida’s uncle Pandarus who serves as a go-between for his niece and her amours. He leaves his name, thanks to Chaucer and Shakespeare, in the verb “to pander.”

The groups reads orally in round-robin manner, stopping for informal discussions as the group desires. Mispronunciations welcome! Bring your own unabridged copy of the play. Various editions pose no problems.

*Nancy Burwell and Barbara Bundy are retired educators who know the best way to learn is to teach. They enjoy organizing the class and absorbing Shakespeare along with the readers. They like to have fun while learning and have discovered that the more people reading the play to one another, the more fun!*

Eight sessions: Tuesdays, 1:00 p.m. - 2:10 p.m., September 22, 29; October 6, 13, 20, 27; November 3, 10

**This class will be conducted online only via Zoom .**

## 356 Writing Your Memoir



This interactive class focuses on the process of developing, planning, and writing personal and family stories. It's designed to meet the interests and goals of each participant, whether they're in the early stages of thinking about a memoir, have already written some material, or are close to a full manuscript. Course material covers a range of topics – how to get started, writing a passage or a narrative, organizing writing, individual differences among writers, writing tools and strategies, and writing styles. You will enjoy lively class discussion about the above as they pertain to your writing ideas. Individualized attention is the centerpiece of

the class and will include opportunities for all participants to share their ideas or written work, respond to writing, and receive feedback. The class is appropriate for continuing and new participants.

*Dr. Linda Best was born and raised in Stamford, CT. She graduated from Ladycliff College in Highland Falls, NY; holds a Master's in Education from Boston University; and earned an EDD in Cognitive Development/ The Writing Process from the University of Rochester. Linda has 38 years' experience in the teaching of writing; her publications include numerous articles and book chapters on teaching and learning, her dissertation, two textbooks (Journeys Near and Far, Parts I and II), a collective memoir, and Iron and Steel: A Memoir on Living Dreams, a hybrid bio-memoir written with the individual whose story the book shares. Her current writing project is historical fiction loosely based on her father's story as an immigrant to the U.S. from Italy and as a WWII war hero as a non-citizen serving in the U.S. Army. Linda retired from Kean University in 2012 as a Professor Emerita/English and relocated to east TN with her husband that same year. She enjoys time with her grandchildren, international travel, gardening, and hiking.*

Six sessions: Tuesdays, 11:00 a.m. – 12:10 p.m., September 15, 29; October 13, 27; November 10, 24

**This class will be conducted online only via Zoom.**

## 357 Symposium of Stories

Wherein we discuss folktales and fairytales from many different countries and traditions. For this session, I am especially drawn toward stories that have given comfort and uplifted my spirit over the years, sometimes since childhood. As usual, I will tell the stories aloud to the class; no reading is required. Early on, we'll consider ways in which class members might introduce favorite stories of their own.



*Kathleen Mavournin grew up in Minnesota fascinated by myths, folktales and fairytales. She has lived more than 45 years in East Tennessee, holds a PhD in Microbiology from UT, and worked 20+ years at ORNL. On retirement 15 years ago, she turned into a professional storyteller. Her repertoire includes rarely heard stories from remote places as well as Appalachian, Native American, and European tales. She's a graduate of the School of Sacred Storytelling and a member of the Healing Story Alliance. She leads workshops on telling life stories, creating fairytales from personal experience, or goddess mythology; she teaches storytelling to children and teaches teachers to teach storytelling to children.*

Eleven sessions: Thursdays, 2:30 - 3:40 p.m., September 17, 24; October 1, 8, 15, 22, 29; November 5, 12, 19; December 3

**This class will be conducted online only via Zoom.**

**Remember, if any scheduling changes have to be made after the catalog goes to print, they will be in your printed schedule. The most up-to-date calendar and class location list will be posted online and on the hallway bulletin board outside the ORICL office. Please keep your schedule with your catalog so you can refer to it.**

## 358 *Huckleberry Finn*

Before there was *Huckleberry Finn*, there was *Tom Sawyer*. And before *Tom Sawyer* there was the so-called “Boy’s Manuscript” and Mark Twain’s letter to Will Bowen in which he recalled their Hannibal days. After *Huckleberry Finn* there came four sequels—two published and two unpublished. This course will touch on all of these but will primarily focus on *Huckleberry Finn*, looking at the St. Petersburg section; Huck and Jim floating down the river; the Grangerford-Shepherdson feud; the King and the Duke; the camp meeting; the Wilks family; the Phelps Farm; and finally, Huck’s lighting out for the territory. Few American novels have been so much praised and so much condemned. Is something to be said for both views? Read it and draw your own conclusions.



Allison Ensor, a native of Cookeville, received his PhD from Indiana University where he wrote his dissertation on Mark Twain and the Bible, later published by the University of Kentucky Press. He taught at the University of Tennessee, Knoxville, for forty years. His Norton Critical Edition of Twain’s *A Connecticut Yankee in King Arthur’s Court* was in print and widely used for over 30 years.

Five sessions: Fridays, 9:30 a.m. - 10:40 a.m., September 18, 25; October 2, 9, 16

**This class will be conducted online only via Zoom.**

## 359 Homer’s *The Odyssey*: A Group Reading

“Sing to me of the man, Muse, the man of twists and turns...”

*The Odyssey*, Book One, Opening lines (Fagles translation)



In this course we will read and discuss *The Odyssey*, Homer’s *nostos* epic (or return). Troy has fallen, and Odysseus is a soldier wanting to return to peace, order, and his family. An ordinary man, he experiences extraordinary adventures. Although the themes are remarkably sophisticated, they are told in experiences that are accessible to both children and adults – the blinding of Cyclops, Circe turning men into swine, the Lotus Eaters, the Sirens’ Song. These episodes can be read as simple adventures. They also embody the clash between civilized values and barbarism in a time when legalities were uncoded. Beyond the allegorical, *The Odyssey* is also the story of an individual striving to maintain his identity and self-awareness. His is a universal struggle, one that evokes everyone’s journey through life.

The class sessions will include 1) a round-robin oral reading by class participants, and 2) a follow-up group discussion of the text (plot, themes, history of the times, character analysis). Because this is a semester course meeting weekly for 13 sessions, we will not be able to read all 24 books aloud in class; therefore, participants will read sections of the text outside of class. The 24 books (chapters) are estimated to be twenty reading hours.

Participants must have their own copy of the Fagles translation to read and reference. (Fagles, Robert, trans. *The Odyssey*. New York: Penguin USA 1996.)

*Nancy Burwell and Tom Tague are class leaders, not classical scholars. They had STEM-related careers (Nancy as a math prof and Tom as an engineer), but both began as English majors. They are for now, once again, “following their bliss,” and looking forward to leading, and learning from, the other readers in the class.*

Thirteen sessions: Tuesdays, 11:00 a.m. - 12:10 a.m., September 15, 22, 29; October 6, 13, 20, 27; November 3, 10, 17, 24; December 1, 8

**This class will be conducted online only via Zoom.**

## MEDICINE AND HEALTH

### 400 Thriving as a Dementia Care Partner

This class is intended for current family dementia caregivers. Caregiving can be exhausting emotionally, mentally, and physically. Learn about the significance of and tips for caregiver self-care and ways to improve resilience. We will also explore activities and techniques to assist with meaningful engagement for persons living with dementia, including use of Montessori Methods as applied to dementia care. Join us to gather ideas for your “caregiver toolbox” towards time well spent.



*Elaine D. Wilson, LCSW, CCM, is Director of Outreach for Choices in Senior Care, LLC. She is responsible for community education, marketing and caregiver support services. She received her Bachelor of Science in Speech and Hearing with a Minor in Psychology from Ithaca College, Master of Science in Audiology from Syracuse University, and a Master of Science in Social Work with Gerontology Certificate from University of Tennessee.*

*Melanie Cahill, MS CCC-SLP is the Community Education and Cognitive Program Coordinator at Care Around the Block. She has a master’s degree in Speech Language Pathology. After several years working in adult neurological rehabilitation, she took a break to raise her four boys. Her previous experiences as a speech-language pathologist coupled with recent family experiences with dementia, have rekindled her desire to help people and their families who are living with dementia. She is also passionate about educating herself and others in ways to keep mentally fit. Melanie develops and implements Cognitive Stimulation Programs for our clients living with dementia and coordinates our Community Education Program.*

Two sessions: Wednesdays, 9:30 a.m. - 10:40 a.m., October 7, 14

**This class will be conducted online only via Zoom or other platform.**

### 401 Taking Charge as a Medical Advocate



This class focuses on practical steps that individuals can take before, during, and after medical treatment to ensure better outcomes for themselves or for ones they love and attend. Topics include personal medical information, communication with medical providers, inpatient hospitals and rehabilitation centers, skilled nursing facilities, home health care, outpatient treatment, physical and occupational therapy, long-term care, and billing, as well as insurance claims, extensions, and appeals. The instructor will also discuss her personal experience with goal-setting and overcoming medical trauma.

*Gay Marie Logsdon speaks from experience following a head-on car wreck in 2016 and from experience of family and friends over 30 years. Months of in-patient and out-patient medical care, torrents of insurance claims, and gradual ongoing recovery have helped shape her perspective, which is fortified by a meditation practice of many years. Gay Marie taught English at several universities and language institutes, and she served as a technical editor and writer at ORNL until retirement. Afterwards, she revived her aquatic and safety skills by working out with Swimmin’ Wimmin,’ competing in Senior Olympics, and obtaining Red Cross certification to teach swimming, CPR, AED, and first aid.*

One session: Thursday, 1:00 p.m. - 2:10 p.m., September 17

**This class will be conducted online only via Zoom.**

**402 Body Menders****Fee: \$5**

This is a fitness program designed specifically for seniors, using chairs, bands, balls, mats (to teach getting up and down from the floor correctly), but meets the needs of everyone – the overweight, sedentary, heart patient, diabetic, those recovering from illness or injury, and the athlete. Classes offer moderate approach to deliver agility, flexibility, strength, better circulation, improved balance and coordination, and reclaiming of lost skills and comfort. Please dress appropriately for exercising.

*Frances Gross has exercise certifications in the following areas: Energizing Exercises, NDEITA (National Dance Instructor Association Jazz Dancercise), Instructors Training Clinic & Choreo-Aerobics – Georgia State University, Exemplary Certification Body Recall, Inc., Certified Trainer/Body Recall/Special Populations, Tennessee Elderhostel, Advanced Fitour Pilates, and Fitour Yoga.*

Eight sessions: Thursdays, 9:15 a.m. - 10:30 a.m., September 24; October 1, 8, 15, 22, 29; November 5, 12

This class meets at the Children's Museum of Oak Ridge, 461 W. Outer Drive, Oak Ridge.

**403 Inflammatory Bowel Diseases of the Colon: Diagnosis and Management**

This class will cover the following topics:

- Amoebic Colitis
- Bacterial Diseases
- Pseudomembranous Colitis
- Ischemic Colitis
- Ulcerative Colitis
- Crohn's Disease



*Kenneth F. Luckmann, MD is a retired gastroenterologist who founded Oak Ridge Gastroenterology Associates. He earned his BA (Biology) from Johns Hopkins University, and his MD from Vanderbilt University School of Medicine. He completed his Internal Medicine/Residency at Vanderbilt University Medical Center and a Gastroenterology Fellowship at the University of Texas, Health Science Center, San Antonio, TX. Dr. Luckmann is a member of Oak Ridge Sister City Support Organization; Roane-Anderson County Medical Society, American Gastroenterological Association, and American College of Physicians. He also participates at the Free Medical Clinic of Oak Ridge.*

One session: Monday, 9:30 a.m. - 10:40 a.m., September 21

**This class will be conducted online only via Zoom.**

## 404 Current Medical Topics

This class will cover a different topic each week for six weeks. Topics to be discussed by Dr. Bunick include:

- Coronavirus Update
- Viral Infections
- Causes of Cough besides Infection
- Vaccines
- Emergency Preparedness
- Travel Medicine



*Dr. Elaine Bunick received her MD in 1973 from the Medical College of Pennsylvania. She is board certified in Endocrinology and Internal Medicine. She was in private practice for 41 years. Dr. Bunick is a member of the Rotary Club and has participated in many medical mission trips.*

Six sessions: Tuesdays, 4:00 p.m. - 5:10 p.m., September 15, 22, 29; October 6, 13, 20

**This class will be conducted online only via Zoom.**

## 405 CBD



Hemp is classified by the U.S. government as any cannabis plant containing less than 0.3% of the psychoactive compound, THC. As of the 2018 Farm Bill, this product has been legalized nation-wide for use in textiles, manufacturing, and human consumption; and many states require thorough testing of this plant for possible harmful contaminants to certify the content of potentially beneficial CBD. Unfortunately, due to the complexity of the material itself, cannabis is a notoriously difficult product to analyze for such things as pesticides, residual solvents, terpenes, and CBD. In this talk we will discuss the difficulties of analyzing

this material and show how Galbraith Laboratories is leveraging our experience in the regulated testing industry to overcome these problems and ensure high quality certifications are provided to hemp growers and consumers.

Note: Galbraith Laboratories is an analytical testing laboratory and not a medical research facility or medical provider. This means we certify only the presence and quantity of compounds found in hemp, and we can make no claims for or against the proposed efficacy of CBD or any other hemp derived compound. We will not be addressing the current state of medical research on such products.

One session: Thursday, 1:00 p.m. - 2:10 p.m., November 5

**You may register for classes after the term has begun if classes are not full. We discourage participants showing up to classes without being registered for several reasons. The class may be full or there may not be enough handouts. If you are not registered, you will not be notified if the class cancels or the start date or location of the class changes. Please respect the wait list process. If a spot becomes available for a wait list class we will notify the next person on the list. Please don't "jump ahead" of someone else. Thank you for your cooperation.**

## 406 Exploring the Relationship between Hearing Loss and Cognitive Decline



The relationship between hearing loss and cognitive loss will be explored including a review of the latest research, assessment and treatment techniques, and lifestyle changes that can maximize cognitive strength.

*Carrie Mills, PhD, has 23 years of experience with speech-language pathology, specializing in swallowing and cognitive impairment. She works full time at Wellpark at Shannondale.*

*Dr. Jan Dungan, AuD, CCC.A taught at UT from 1990-2005 and is owner of Appalachian Audiology in Knoxville.*

One session: Thursday, 2:30 p.m. – 3:40 p.m., October 15

## 407 Tinnitus: An Uninvited Guest

The National Institutes of Health has just published draft recommendations for the treatment of tinnitus. This lecture will review the types of tinnitus, the causes, how it is evaluated, standard and alternative treatments. Tinnitus is the #1 disability in the military. Most audiologists who treat tinnitus expect their patients to experience 90-95% relief.



*Dr. Jan Dungan is a clinical audiologist who has served on the Board of Directors of the American Tinnitus Association.*

One session: Thursday, 2:30 p.m. – 3:40 p.m., October 22

### IMPORTANT INFORMATION REGARDING CLASSROOMS FALL TERM 2020

**The following information is directly from Roane State Community College:**

**Roane State Community College will have on campus classes during the fall semester and will incorporate face covering requirements, wellness checks, physical distancing, and frequent cleaning of facilities. RSCC will continue to seek guidance from the CDC, the Tennessee Department of Health and the local health departments as well as the Tennessee Board of Regents.**

**Please note that ORICL classes meeting in-person will have smaller class sizes to accommodate the social distancing rules.**

# PHILOSOPHY

## 470 Friday Lecture Series

The lecture series will continue to explore useful knowledge and the integrations of the sciences. The presentations and stimulating discussions will continue in the areas of physical science, engineering, medical science, natural science, and social science.

There will be no fixed subject or topic. Any topic in the sciences will continue to be fair game; however, we will still leave politics and theology to other classes. The lecture series will have no permanent instructor. Members and guest speakers who are knowledgeable in the topic for that session will make presentations.



*Class moderator is Bob Olson.*

Eleven sessions: Fridays, 11:00 a.m. - 12:10 p.m., September 18, 25; October 2, 9, 16, 23, 30; November 6, 13, 20; December 4

**This class will be conducted via Zoom.**

## 471 Where Wisdom is Found



This course seeks to collect wisdom from practical philosophers of the past and the present. Using wisdom drawn from practical philosophers like Viktor Frankl, Aristotle, Marcus Aurielius, Epictetus as well as from the stories shared by students in the class, we will talk about life and death, love gained, love lost, love maintained, money, disappointment, success, youth being a part of the tribe of Elders, children, and more. Short readings will be assigned from the wise ones of the past; story telling will be encouraged from the wise ones in the classroom.

*Dr. Ray Penn is a retired United Methodist pastor and retired university professor (Radford University; Lincoln Memorial University). He has earned seven degrees, four in religious studies including the PhD and three in English and Speech Communication including the PhD.*

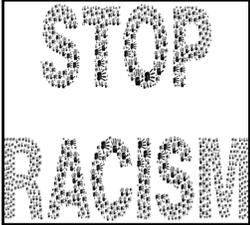
*His sermons have appeared in The Disciple, The Christian Ministry, and Pulpit Resources. His academic articles have appeared in The Journal of Communication and Religion, Best in Theology, Studies in Popular Culture. His speeches have been published twice in Vital Speeches of the Day as well as being reproduced in two public speaking textbooks.*

*His first dissertation (Northwestern University) examined the persuasive strategies of the Protest Women's Inclusive Language Movement while his second dissertation (Graduate Theological Foundation/Oxford University) sought to define the nature of the soul using insights about consciousness from brain science and philosophy. He is married to Gretchen Hakola and together they share their "kennel" with six dogs.*

Twelve sessions: Wednesdays, 11:00 - 12:10 p.m., September 16, 23, 30; October 7, 14, 21, 28; November 4, 11, 18; December 2, 9

## RELIGION & SPIRITUALITY

### 500 Racism: America's Original Sin, Part II



This class is Part II of a study of American racism, a continuation of our fall 2019 class. While legal slavery came to an end with the Civil War, anti-black racism and theological/religious/social justification became a distinct culture of Christian churches and denominations. C. Vann Woodward *The Strange Career of Jim Crow* makes a case for Jim Crow origins in the North before organized legal discrimination against African Americans became the crown jewel of the Lost Cause culture of the New South. Racial violence identified with the Ku Klux Klan was intermittent throughout the postbellum years but exploded in the era following World War I. Thomas Dixon's 1905 book *The Clansman* and D. W. Griffith's 1915 film "Birth of a Nation" stirred racial fear and gave the Klan a second birth. The Tuskegee Institute recorded 3,446 lynchings of African Americans in the years 1883-1968.

*Larry Dipboye holds a BA from Baylor University and three seminary degrees, including a PhD from Southern Baptist Seminary in Louisville, KY, where he also served as adjunct professor of theology while pastoring a Louisville church. From 1984-1988 he served on the ecumenical panel for the Louisville, KY, weekly TV and radio show "The Moral Side of the News" for WHAS-TV and radio that also distributed funds for the annual Kentucky "Crusade for Children." The Dipboyes have lived in Oak Ridge since 1988. With wife, Carolyn, and friends in science he was a founder of the OR Forum on Religion and Science, and he has served on the ORAU/ORNL Oak Ridge Site-Wide Institutional Review Board for human subject research since 1995. Since 1962, Larry has been pastor of six churches in four states. Larry is now retired.*

Five sessions: Thursdays, 11:00 a.m. - 12:10 p.m., October 8, 15, 22, 29; November 5

**This class will be conducted online only via Zoom.**

### 501 History of Israel: From Beginning to 586 BCE

This class will review the history of biblical and pre-biblical Israel using primary and secondary sources.

*Dr. Raphael Panitz received his BA from New York University in 1972. While attending NYU, he also took courses in Hebrew Bible, the Ancient Near East, and Jewish History at the Teacher's Institute of the Jewish Theological Seminary of America. He received his PhD from the University of Pennsylvania in 1983. After spending a few years teaching, Raphe switched careers and joined the staff of US Congressman Robert A. Roe as a Legislative Assistant. After Mr. Roe retired in 1993, Raphe went back to school, earning a Master's Degree in Library Science from the University of Maryland in 1995. He then spent fifteen years working as a legal librarian for Washington law and business firms. In 2012, Raphe and his wife retired to Knoxville. Raphe served as the President of Congregation Heska Amuna from 2013-15 and is a part time lecturer in the Department of Religious Studies of the University of Tennessee.*



Ten sessions: Thursdays, 2:30 p.m. - 3:40 p.m., September 17, 24; October 1, 8, 15, 22, 29; November 5, 12, 19

**This class will be conducted online only via Zoom.**

## 502 LovingKindness and Unbounded Friendliness

*Metta* is part of the Buddha's heart teachings about lovingkindness, or the Brahma Viharas – compassion, sympathetic joy, equanimity, and “unbounded friendship” – often called the “Heavenly Abodes.” This practice will bring participants into experiences of lovingkindness and focus on how to bring about these Heavenly Abodes in one's daily life. We will look at *sila* (virtue), *Samadhi* (concentration), and *pañña* (wisdom) as they relate to lovingkindness. Since our intention is to cultivate lovingkindness and good will, the workshop will be of benefit to anyone who is interested in the topic no matter what spiritual tradition you might be interested in, or for that matter, whether you are interested or involved in any spiritual tradition at all. The focus will simply be on how a person can cultivate a felt sense and attitude of lovingkindness toward oneself, others, and all beings everywhere.



*Fred Martinson is an art historian (PhD, University of Chicago) who taught at the University of Tennessee-Knoxville for 30 years. He has a special interest in the iconology of Buddhist Art (“meaning” as well as style and context.) After studying the meaning of Buddhist subjects he has studied with a number of different teachers and participates in a half-dozen meditation and study groups in the Knoxville area including one on suttas (the Buddha's Discourses).*

Twelve sessions: Mondays, 11:00 a.m. – 12:10 p.m., September 14, 21, 28; October 5, 12, 19, 26; November 2, 9, 16, 23, 30

**This class will be conducted online only via Zoom.**

## 503 The Grace in Living, Aging, Dying, & Beyond A Tribute to the Life and Teachings of Kathleen Dowling Singh



In this course we will examine the four books of noted author/teacher Kathleen Dowling Singh: 1) *The Grace in Living*, 2) *The Grace in Aging*, 3) *The Grace in Dying*, 4) *Unbinding: The Grace Beyond Self*. Most of these books were written while Singh was terminally ill. Towards the end she wrote “The three greatest tasks of the human life are confronting our morality, stilling the mind, and opening the heart.” We will consider each of these tasks and each of the four books in our own lives, spiritual paths and beyond.

No book purchases are required. Class handouts of the books will be distributed although book purchases are recommended for reading at home.

*Dr. Quinton Wacks, retired professor of psychology at Lincoln Memorial University, has taught courses on various facts of “psycho-spirituality” for over 40 years including gerontology (aging and old age), thanatology (death and dying), eschatology (life after death), spiritual direction, and other related non-credit courses for ORICL, and previously for the University of Tennessee. He is a certified Spiritual Director with a practice at the Oasis Institute in Knoxville.*

Five sessions: Fridays, 1:00 p.m. - 2:10 p.m., October 2, 9, 16, 23, 30

## SCIENCE & TECHNOLOGY

### 550 In Their Own Words: Contemporary Mathematicians Speak



Is mathematics an art or a science? Are computer-aided proofs really proofs at all? Is the “new math” an effective tool for teaching mathematics to beginners? This course presents discussion of these questions and others like them in the words of contemporary mathematicians taken from their own writings: hence the title “In Their Own Words.”

The course mainly deals with human interest and biographical information but there is a little easy math.

My written lecture notes will be distributed by e-mail to the participants, so copious note-taking can be avoided.

*Lawrence Dresner came to Oak Ridge in 1954 to work at ORNL. He has a PhD in physics from Princeton University. Since his retirement in 1994, he has occupied himself with recreational mathematics. He has been a frequent lecturer at ORICL over the years.*

Six sessions: Thursdays, 1:00 p.m. - 2:10 p.m., October 1, 8, 15, 22, 29; November 5

### 551 The Scientific Wonder of Birds

Birds are living, breathing dinosaurs in our backyards. This course will explore the origin, biology, and behavior of birds.

Flight seems almost magical, but the course’s examination of lift – the force that keeps birds aloft – shows how it results from the dynamics of air moving past a shape called an airfoil, the asymmetrically curved surface of the wings of both birds and Boeings. Once in the air, birds have an uncanny ability to tell where they are and where they are going. The course’s examination of navigation covers the way birds use the position of the sun and stars, magnetic fields, and geographic features like rivers and mountains in the course of their annual migration.



This class will use a DVD from the Great Courses series by Bruce E. Fleury, Senior Professor in the Department of Ecology and Evolutionary Biology at Tulane University where he taught more than 10,000 students before he retired. He earned his MS and PhD in Biology from Tulane, his BA in Psychology and General Science from the University of Rochester, and his MA in Library, Media, and Information Studies from the University of South Florida.

*Dan Robbins retired from B&W Y-12 in 2013 after 47 years of company service. At Y-12 he was the director of the analytical laboratories. He is a chemistry graduate of UNC-Chapel Hill and a Princeton PhD.*

Six sessions: Wednesdays, 11:00 a.m. - 12:10 p.m., September 16, 23, 30; October 7, 14, 21

## 552 Technical Book Group

Would you like to learn more about science and technology? Much is changing rapidly. The members read and discuss books on science and technology topics of interest, biographies of experts in a given field or historical accounts of key discoveries. Join the group and share your perspective. Input from every member is encouraged. The group meets once a month and discusses that month's book. Books are recommended and selected by the members. Books usually are recently published works written for the lay reader.



*Jim Rushton is the class facilitator.*

Three sessions: Mondays, 4:00 p.m. – 5:10 p.m., September 28; October 26; November 30

**This book group will be conducted online only via Zoom.**

## SOCIAL SCIENCE & ECONOMICS

### 600 Anderson County Law Enforcement Efforts in Combatting Elder Abuse

This interactive lecture is a continuation of a previous lecture that stated elder abuse is one of the fastest-growing crimes in the United States. Crimes against our elderly and vulnerable citizens can include neglect; physical, emotional, or sexual abuse; and fiduciary abuses including scams, improper use or forged power of attorneys, or theft of funds, which costs our seniors a loss of over \$36.5 billion dollars a year. Per Tennessee Commission on Aging and Disability, one out of ten seniors is a victim of elder abuse, but only one out of fourteen report it to authorities.



Oak Ridge Police Department will introduce other local, state, and federal agencies who partner to combat elder abuse. Many partners are dealing with the elder community as a network that “surrounds our seniors” versus just handling the issues of a crime. Anderson County law enforcement wants to educate our community and senior population, and connect them with programs they need to survive, heal, and continue to live well. We learn from each other how to better our community in Oak Ridge and Anderson County. We are a much stronger community when we advocate, educate, and work together to “surround our seniors” (S.O.S.).

These lectures will highlight the progressive ways Anderson County is working towards providing excellent services to enhance public safety for our elderly and vulnerable community members. These classes will be interactive, answer questions, and get feedback and ideas on how to provide help to the seniors in our community.

*Wendy Zolkowski has been with the Oak Ridge Police Department since February 2018, working as a detective focusing on elder abuse cases. Before this appointment, she worked with the Los Angeles County Sheriff's Department in the jails, patrolling in South Central Los Angeles, as a detective involved in many types of crimes including gangs, identity theft, arson and explosives cases, and assisting in handling cases involving theft, and murders. In 2020 she will start her 30<sup>th</sup> year in law enforcement. She has a master's degree in Public Administration.*

Four sessions: Thursdays, 4:00 p.m. - 5:10 p.m., October 15, 22, 29; November 5

## MISCELLANEOUS

### 650 Cryptic Varietal Crossword Puzzles

Mental exercise (such as working crosswords) is thought to benefit older brains by keeping them agile. In cryptic crosswords, each clue is a puzzle in itself. Cryptic crosswords have an added layer of logic, so cryptic varietal crosswords are like crosswords on steroids! They combine cryptic clues with variation on the construction and the intent of the puzzle authors is to entertain with novelty. Since we began this class a core group of addicted, self-selected masochists has developed. We welcome new class members and will teach them the skills that veterans have learned. We begin with an introduction about the history and culture of these puzzles and then we solve puzzles together as a class. We use U.S. varietal crossword puzzles to learn how to solve cryptic clues and to deduce the wordplay of varietals. They will seem impossible at first! Vocabulary skills are regular crossword assets but are not nearly as important as mental flexibility and clue type recognition. Come join the fun!



*Elane Streets began learning to solve cryptic crosswords as a newlywed in England in the early 1970s, and although the shock was severe in the beginning, she has learned to treasure them much more than even the toughest U.S. regular puzzles. Cryptic varietals are fun to work on by oneself or as a team member.*

Twelve sessions: Tuesdays, 2:30 p.m. – 3:40 p.m., September 15, 22, 29; October 6, 13, 20, 27; November 3, 10, 17, 24; December 1

**This class will be conducted online only via Zoom.**

### E-mail Addresses

**Please make sure the ORICL office has your up-to-date e-mail address. E-mail communication is the primary way information is disseminated to the collective group and individual members.**

**It is a new academic year. Your membership fee is now due.**

**The fee of \$100 covers all three terms in the year —  
fall, winter/spring and summer.**

**Please pay online with a credit card OR  
pay with a check via first class mail.**

**Your support of ORICL is appreciated. Thank you!!!!**

## 651 Not Making Your Phone Ring More



There is a difference between a scammer and a telemarketer. There is not much you can do to make scammers call less BUT you can avoid certain actions so your phone does not ring by as many telemarketers, AND you do have recourse against many telemarketers that won't quit calling!

*David Vudragovich has had experiences with the Do Not Call laws since the mid 1990's and wants to help people not have their identity stolen. He has been a local licensed insurance agent since 2007. He has taught ORICL classes since Fall 2013.*

One session: Wednesday, 2:30 p.m. - 3:40 p.m., September 30

## 652 Speak Up!

This workshop is for those who need help getting on their feet in front of a group of people. Maybe you are an officer of a local club or have been asked to participate in a church service. Or, at work, you have to make sales presentations in front of the customer. Department heads and human resources personnel often have to create and deliver training sessions. Or, maybe your brother is getting married and you have to make a toast. Learning the basic skill of speaking can help you in career advancement; can boost your confidence in social situations; can build leadership skills. Then there is the personal satisfaction of knowing you know how to prepare for these situations.

This is a hands-on workshop where you will get actual practice of the skills we discuss. Come prepared to participate and practice in a supportive non-threatening environment.

*Linda Smalley has been a professional speaker her entire life. She has spoken in front of groups as small as 2 people and as large as 3,600. Linda wrote and taught a course on presentation skills and public speaking. She looks forward to helping you reach your speaking goals.*

Eight sessions: Wednesdays, 2:30 p.m. - 3:40 p.m., October 7, 14, 21, 28; November 4, 11, 18; December 2

## 653 Family History for Beginners

Researching one's family story over the generations is a fascinating journey. This course is intended to provide the beginning family historian/genealogist with the knowledge to assist in that endeavor.

The material will be presented in eleven sessions. The first five sessions will deal with the basics of family history/genealogy and will explore the records our ancestors left behind. The next four sessions will deal with use of personal computers for organizing and reporting information and using the internet as a means for seeking out important data regarding one's ancestors. The final two sessions will focus on research strategies and addressing specific issues from attendees in the development of their family trees and answering issues not addressed in previous sessions.



*Chuck Palmer is a retiree from the nuclear industry. Prior to retiring, he began research into the origins of his family and the family of his wife, Deborah. This has led to an extended family tree of over 15,000 members. Chuck is eager to share the lessons learned during his research.*

Eleven sessions: Tuesdays, 1:00 p.m. - 2:10 p.m., September 15, 22, 29; October 6, 13, 20, 27; November 3, 10, 17, 24

## **IMPORTANT INFORMATION REGARDING CLASSROOMS FALL TERM 2020**

**The following information is directly from Roane State Community College:**

**Roane State Community College will have on campus classes during the fall semester and will incorporate face covering requirements, physical distancing, wellness checks, and frequent cleaning of facilities. RSCC will continue to seek guidance from the CDC, the Tennessee Department of Health and the local health departments as well as the Tennessee Board of Regents.**

**Please note that ORICL in-person classes will have smaller class sizes to accommodate the social distancing rules.**

**Due to the unknowns of the continuing virus please know that at any time RSCC may decide to go to online classes for their students and in-person classes may be cancelled.**

**Thank you for contacting the ORICL office when you cancel a class or trip. It is a courtesy to the class instructors, the trip leaders, the office staff and especially to those on the waiting list.**

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**THANKS!!**

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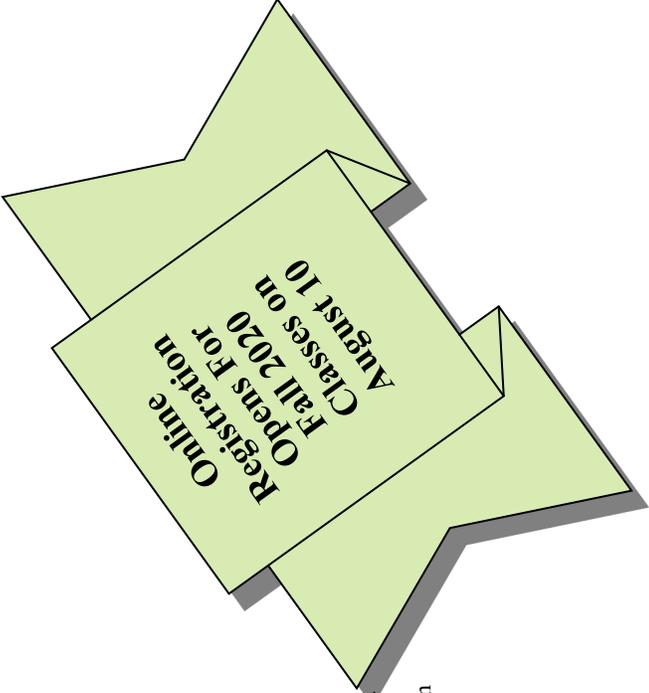


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