Registration and Class Schedule

Fall 2018
October 15-November 8
About WALLA

The mission of the Wabash Area Lifetime Learning Association, Inc. (WALLA) is to offer intellectual, cultural, and social opportunities for individuals 50 years of age and older. Classes have been offered since the spring of 1993. There are no educational prerequisites to participate. WALLA volunteers plan and coordinate classes, seminars, tours, and social events. WALLA is a long-time member of the Road Scholar Institute Network (Elderhostel.)

Classes are offered in a variety of subjects for a period of four weeks each spring and fall. Participation in WALLA is open to anyone in Tippecanoe County and the surrounding counties.

WALLA, incorporated as a not-for-profit corporation, is governed by an area-wide, twenty member, volunteer Board of Directors. The Curriculum Committee plans each session of classes. Presenters, drawn from Purdue University and the surrounding communities, volunteer their time and expertise. Several classes are peer-led.

Purdue University coordinates the WALLA program through the Office of Engagement.

The 2018 Wabash Area Lifetime Learning Association, Inc. (WALLA) fall classes will be October 15 through November 8.

WALLA classes will again be housed at St. Andrew United Methodist Church, 4703 N 50 W, West Lafayette. This site is easily reached by driving north on Salisbury in West Lafayette to the Church entrance on the east side of the road. The large parking lot on the south side of the building has the easiest accessed door to our classrooms. The parking spaces for handicapped registrants are close to the building.

Please do not hesitate to ask questions. Those should be addressed to the WALLA office or to Mary Gardner, NOT to the Church office.
Pertinent phone numbers can be found on the last page of this brochure. The WALLA office will remain in room 209 at Morton and is staffed by volunteers most weekday mornings except during the weeks of classes. During those weeks continue to use 746-2006 to leave phone messages.

Registrations are due by Monday, October 1. When registering please send both pages of the registration form found in the center of this brochure.

A $75 fee allows you to register for up to 13 classes. There are 32 classes, 15 of which are mini-courses. Watch the start-up dates carefully for the class(es) you choose. If the dates aren’t listed with the title, this indicates a full eight-session class on either Monday/Wednesday or Tuesday/Thursday. Specific dates are listed with each mini-course.

Space restrictions make it necessary to handle all registrations on a first-come, first-served basis including those with a size limitation already imposed on the class. Waiting lists will be maintained.

We have scholarship monies available. For further information, call Mary Gardner at (765) 494-5760 or (800) 359-2968, or e-mail megardner@purdue.edu

Two luncheon programs are scheduled this fall and will be held at 11:45 a.m. Tuesday, October 23, Joan and Joseph Briller will present “Meet Mary Lincoln.” On Wednesday, October 31, Dwayne Daehler will give a visual program “Guatemala’s Enchanted Cities: Antiqua and Panajachel.”

Each luncheon costs $9 which should be included with your class registration. To be eligible for reimbursement for missed reservations, cancellations must be made at least one week in advance. To cancel a reservation, call Gail Beck (703) 743-9920.

Brown bagging is always an option with only a small amount of refrigerator space available.

Purdue University is an equal access/equal opportunity university.
Course Descriptions

Monday/Wednesday 9-10:15 a.m.

Pumping Rust

Charlene Watson, coordinator and presenter

Registrants will be led in a variety of age-appropriate activities to help with flexibility, balance, agility, coordination, strength and (on a lesser level) cardiovascular endurance. No special clothing is required.

Charlene will also be teaching Tuesday/Thursday at 2:45 p.m. You may register for both classes.

Monday/Wednesday 9-10:15 a.m.

Soil and Civilization

Jim Moore, coordinator

Gary Steinhardt, professor of agronomy, will lead this course which will show the relationship between soil and human civilization, both ancient and modern. All life on earth depends on soil not just for food but for wood products, foundation for all buildings, source of fibers for clothing, and is the key component of sewage systems. A knowledge of soils can help form educated opinions on public policy which can be useful for the current environment and for preservation for future generations.

10/15 What Is Soil?
10/17 Soil and the Dawn of Agriculture
10/22 The Hydraulic Civilizations
10/24 Erosion and the Death of Empires
10/29 What Happened When Columbus Crossed the Ocean Blue
10/31 The Dust Bowl
11/5 The Day the House Fell
11/7 Haber/Bosch Process and the Environmental Implications of a More Productive Soil
Monday/Wednesday 9-10:15 a.m.

Writing a Memoir (a repeat course)

John Veach, coordinator and presenter

Memoirs—a great way to pass along snippets of your life memories to your children, grandchildren and beyond. Written in your own words, recreate significant events in your life as you remember them.

10/15 What is a Memoir? Why should I create one?
10/22 Research – Fact versus Recollection. Your perception is your reality.
10/24 Point of View and other suggestions
10/29 Things to consider – Ethical potholes. Your perception compared to others. Naming names. Getting feedback.
10/31 Let's write something! Pick an event in your life you want to pass on to future generations. Then write about it!
11/5 Sharing your memoirs
11/7 Next steps – motivation to keep going. Pick another event to share. Share it. Repeat.

Monday/Wednesday 9-10:15 a.m.

The Science of Flight

Ned Derhammer, coordinator and presenter

Many of us board a plane without understanding what a truly extraordinary experience flight is: suspended 30,000 feet or more in the air, propelled to our destination at close to the speed of sound, protected from extreme cold and low pressure by the thin skin of the aircraft. We realize it’s complicated, but few of us know how it works. Even more remarkable is space flight, the “rocket science” that we use as a benchmark of difficulty or complexity. The Smithsonian joined forces with The Great Courses to prepare the lectures that will be featured in this class.
Laughter is Good for Your Health
Marylin and Jim Ross, co-coordinators and presenters
Join us for a virtual day’s drive north to enjoy humor, wit and comedy as we view Stratford Festival productions from the likes of Gilbert and Sullivan, George Bernard Shaw and Dan Needles. See how one man’s vision has grown to one of the premiere entertainment centers of North America.

Making Whiteness Visible
Adelia Sorge, coordinator
Barbara Kerkhoff and Keturah Nix will return for this companion to a previous WALLA course. They will explore the history, development and ongoing maintenance of white privilege in the United States. Understanding white culture, along with its embedded historical and associated privileges, provides insight into integral parts of a larger system of inequity. Limited to 20 who will use World Trust Films, small and large group activities, readings and dialogue to transform white privilege in daily life. Barbara Kerkhoff and Keturah Nix will return as presenters
10/15 through 10/24 Mirrors of Privilege: Making Whiteness Visible
10/29 through 11/7 Cracking the Code: The System of Racial Inequity
Key components of the 2017 Tax Cuts and Jobs Act will be reviewed, with emphasis on tax code changes of relevance to seniors. Sample tax scenarios will be presented that help identify those changes critical in determining if one’s taxes will decrease or increase. Changes peripheral to the tax computation, such as the 529 plan expansion and the new 1040SR will also be covered. Topic suggestions/expansions and questions to be addressed during the second week of the course will be solicited.

Addiction touches every person either directly or indirectly. A complicated social problem with no easy answers, we will expose you to one tool in the battle against addiction. This will be a short introduction to the twelve-step group based on the principles of Alcoholics Anonymous for the family, friends and loved ones of addicts. It will offer an overview of addiction and the far-reaching effects on family and society. We will have a recovering addict who will present her story of recovery. Recognizing that we didn’t cause this, we can’t control it and we can’t cure it, NAR-ANON helps us focus on our recovery and offers hope for creating healthy boundaries in our relationships with the addict.
Monday/Wednesday 1:15-2:30 p.m.

Hot Spots, Rifts and Island Building

Dorothy Jones, coordinator and presenter

This course takes learners around the globe to some of the world’s most amazing geological wonders with Great Course professor Michael E. Wysession of Washington University in St. Louis. We’ll use contemporary understanding of earth’s core and tectonic plates to make sense of how these geologic features came to be.

10/15 Santorini. This giant caldera is a favorite of eastern Mediterranean cruises.
10/17 Mount Fuji-Sleeping Power. The Pacific “Ring of Fire” and plate subduction
10/22 Galapagos Rift. “The Enchanted Isles” were made famous by Charles Darwin.
10/24 African Rift Valley. Thought to be the cradle of humanity, this famous valley may signal a continental split.
10/29 Hawaii-Volcanic Island Beauty. The islands reveal the movement of the Pacific Plate.
10/31 Yellowstone-Geysers and Hot Springs. Geologists say our first National Park lies over an inland hot spot.
11/5 Iceland-Where Fire Meets Ice. A few WALLA participants remember the formation of Surtsey. A volcano erupted from the ocean floor to become a new island.
11/7 The Maldives-A Geologic Paradox. Sinking islands, rising coral reefs. This nation of 1192 islands in the Indian Ocean will have to move. Eighty percent of the land is less than one meter above sea level.

Monday/Wednesday 1:15-2:30 p.m.

Expanded Consciousness in Everyday Life

Ron Andres, coordinator

Starting with a general consideration of consciousness the course will explore different types of expanded consciousness along the continuum of ordinary consciousness to full scale expanded or peak consciousness. John Lilly’s map of consciousness from his autobiography, Center of the Cyclone, will serve as a principal guide. Several other models for consciousness will also be explored. Class members will learn how to evaluate and map their own levels of expanded consciousness, including subtleties in ordinary life. A person’s highest expanded attainment can help inform lower

Continued next page
expanded consciousness skills and practices can be applied in ordinary situations to gain a happier state of mind. David McCain will be the presenter.

10/15 Lilly’s Map of Consciousness
10/17 Knowing Your Expanded Consciousness in Daily Experience
10/22 Programming and Metaprogramming in the Human Biocomputer
10/24 The Role of Body in Expanded Consciousness
10/29 The Role of Symbols in Expanded Consciousness
10/31 Energetics: Body and Mind in Concert
11/5 Synergy, the Zone and Perfect Timing
11/7 Daily Reflections of the Oneness of All Things

Monday/Wednesday 1:15-2:30 p.m.

The History of Jim Crow

Gail Beck, coordinator and presenter

10/15 The Civil War’s Racial Wake: Reconstruction and the Origins of Jim Crow
Robert May, professor emeritus of history

10/17 PBS Documentary The Rise and Fall of Jim Crow, part I – “Promises Betrayed”

10/22 “Fighting Back”

10/24 “Don’t Shout Too Soon”

10/29 “Terror and Triumph”

10/31 Growing Up in Lafayette With Jim Crow
Sam Smith, retired Federal Civil Servant; Gordon Amos, Eli Lilly retiree

11/5 Growing Up in St. Louis with Jim Crow
Jane Franklin, retired social worker; Growing Up in Chicago and Louisiana with Jim Crow, Sana Booker, West Lafayette City Clerk

11/7 Black and Proud – Preserving Black Heritage Through Literature, Art, Music and Food
Monday/Wednesday 2:45-4 p.m.
MINI-COURSE: October 15, 17, 22, 24

Lord Dunmore’s War
Steven Simms, coordinator

The last royal governor of the Virginia Colony, the fourth Earl of Dunmore, John Murray, led militia forces against the Shawnee during the summer of 1774 to protect settlements in western Virginia and Kentucky. The campaign culminated at the junction of the Kanawha and Ohio Rivers in the battle of Point Pleasant. Jim Turley will be the presenter.

10/15 The Setting: Virginia’s Historic Triangle of Jamestown, Williamsburg and Yorktown
10/17 Tensions on the Frontier: Effects of the Proclamation of 1763, migration and conflict including the slaying of James Boone. Dunmore organizes his force and takes the field.
10/22 The Battle of Point Pleasant and its Aftermath
10/24 Colonial Williamsburg and the “Story of a Patriot.”
Preview at History.org

Monday/Wednesday 2:45-4 p.m.
MINI-COURSE: October 15, 17, 22, 24

A Special Memory
Donna Stonehill, coordinator and presenter

Have you got a stack of theatre tickets, wedding mementos, kindergarten drawings or vintage photos? I’ll show you how to cull those items down to form artistic displays for yourself or someone special. We’ll have real examples of shadow boxes, memory boxes, table toppers and junk journals.

We’ll take a plain white box (approximately the size of a shoebox), and fill it with mementos you’d like to pass on, i.e. pictures, jewelry, essays, cards or small toys. We’ll decorate the outside of the box appropriately for the person you have selected. You don’t need any skill for this project. Come join us for FUN! Limited to 12. Cost $15.
Monday/Wednesday 2:45-4 p.m.
MINI-COURSE: October 29, 31, November 5, 7
Two Films by Preston Sturges
Marshall Deutelbaum, coordinator and presenter

A successful Hollywood screen writer during the 1930s, in 1940 Preston Sturges convinced Paramount to allow him to direct a script he wrote by selling it to the studio for $10.00. He directed only twelve films, the best eight of them for Paramount between 1940 and 1944. One critic piled up adjectives to describe the world of his films: “rumbustious, casual, noisy, intelligent, vibrating with surplus energy, his best films leap plot chasms of improbability and (in 1940’s terms) impropriety by sheer force of momentum and manic “dynamism”. As you’ll discover, the films are funny, too (in 1940’s terms).

Monday/Wednesday 2:45-4
MINI-COURSE: October 29, 31, November 5, 7
2018 Update on Smart Phones/Tablets, Electronic Gadgets and Software Applications
Jim Moore, coordinator

Newest released electronic devices, applications, wireless technologies and how they can save time, improve efficiency, and make one's daily life easier will be presented. Registrants are encouraged to submit questions and tell of their associated experiences and problems. Mark McQuinn will be assisted by Nancy Hartman and Jim Moore.

10/29 Factors to consider in making a purchase: your location, needs, vendors, carriers, areas of coverage and cost.
10/31 Latest released Smart phones and their capabilities; APPLE iPhone, Samsung Galaxy and Galaxy Note, GOOGLE Pixel phone, Huawei, HTC, LG and Motorola phones
11/5 Basic and advanced applications (device software) that everyone needs—what they do.
11/7 New Tablets and other gadgets; security of your phone/tablet; protecting your privacy at home and away.
Registration Form

Fall 2018
October 15-November 8

Please return the entire completed center section with your check by Monday, October 1.
To complete your enrollment, please fill out the form below, indicating on the following pages the class(es) you wish to take. The $75 fee allows you to register for up to 13 classes, but only one class per time slot. Watch the class dates carefully. Some class sizes are limited, and registrations are accepted on a first-come, first-served basis. Complete the registration form and return the entire form with your payment by Monday, October 1, to:

WALLA
Mary E. Gardner, Coordinator
Office of Engagement
Stewart Center, Room 116
128 Memorial Mall
West Lafayette, IN 47907-2034

Name ____________________________________________

Daytime Phone (___________) __________________________

Address __________________________________________

City _______________________________________________

State_________________________ ZIP________________

E-mail _____________________________________________


Please give us an emergency contact:

Name ____________________________________________

Phone ____________________________________________

☐ Request handicap parking space.

Fees

☐ Class(es) Registration $75__________

☐ Tuesday, October 23, Lunch $9___________

☐ Wednesday, October 31, Lunch $9___________

☐ WWII War Crimes Trial - book $6__________

☐ Ribbon Weaving $5___________

☐ A Special Memory $15___________

Total enclosed $___________

Make check payable to WALLA and return by Monday, October 1.

Purdue is committed to making its programs accessible to individuals with disabilities. If you require an accommodation or special assistance for this program due to a disability, please contact us at 765-494-5760.
<table>
<thead>
<tr>
<th>Time</th>
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| **Morning 9-10:15 a.m.** | Pumping Rust  
 or  
 Soil and Civilization  
 or  
 Writing a Memoir (a repeat course)  
 or  
 The Science of Flight |
| **Morning 10:30-11:45 a.m.** | Laughter is Good for Your Health  
 or  
 Making Whiteness Visible  
 or  
 MINI-COURSE: October 15, 17, 22, 24 Taxes More or Less  
 or  
 MINI-COURSE: October 29, 31, November 5, 7 NAR-ANON: Hope for Family and Loved Ones of Addicts |
| **Afternoon 1:15-2:30 p.m.** | Hot Spots, Rifts and Island Building  
 or  
 Expanded Consciousness in Everyday Life  
 or  
 The History of Jim Crow |
| **Afternoon 2:45-4 p.m.** | MINI-COURSE: October 15, 17, 22, 24 Lord Dunmore’s War  
 or  
 MINI-COURSE: October 15, 17, 22, 24 A Special Memory  
 or  
 MINI-COURSE: October 29, 31, November 5, 7 Two Films by Preston Sturges  
 or  
 MINI-COURSE: October 29, 31, November 5, 7 2018 Update on Gadgets |
| **Tuesday/Thursday**  |                                                                                |
| **Morning 9-10:15 a.m.** | What’s Not to Like About Opera? An Introduction For the Novice  
 or  
 Local Environmental Organizations  
 or  
 MINI-COURSE: October 16, 18, 23, 25 Under-Appreciated Persons in American History |
| **Morning 10:30-11:45 a.m.** | Visiting National Parks of the Southwest  
 or  
 Sapiens: The History of Our Species  |

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Special Events: Box Lunches

Choose either date or both. Please indicate sandwich choice.

☐ Tuesday, October 23, 11:45 a.m.
Cost: $9 per person
To cancel, call 765-743-9920 by 4 p.m., October 16.
☐ Roast Beef
☐ Turkey
☐ Ham
☐ Vegetarian

☐ Wednesday, October 31, 11:45 a.m.
Cost: $9 per person
To cancel, call 765-743-9920 by 4 p.m., October 24.
☐ Roast Beef
☐ Turkey
☐ Ham
☐ Vegetarian

Please send a brochure to:
Course Descriptions

Tuesday/Thursday 9-10:15 a.m.

What’s Not to Like About Opera? An Introduction For the Novice

Kristine Anderson, coordinator and presenter

Opera is often thought of as entertainment for snobs. Yet it has been wildly popular for more than 400 years. Drawing on excerpts from Robert Greenburg’s Great Course How to Listen To and Understand Opera, this course will examine what makes opera unique and arm novices with some basic tools to enhance their enjoyment. We will cover essential vocabulary and how to use librettos and scores, taking examples from familiar and widely available operas. After learning some basic concepts, we will view the film Moonstruck which features the experience of attending an opera at the Met. Then we will practice our newly honed skills by viewing a filmed version of the opera featured in Moonstruck – La Boheme – in its entirety. Attendees will finish this course with an appreciation of opera and its relevance to the popular culture we all know and love.

Tuesday/Thursday 9-10:15 a.m.

Local Environmental Organizations

Nick Harby, coordinator and presenter

In this course we will learn about several of the organizations in the Lafayette area that promote a better environment. Each day of class will focus on one organization including a speaker to tell us details of their activities plus time for class discussion and questions. The following organizations will be highlighted:

- Zonda Bryant’s group, giving children the chance to play in the woods and elsewhere in the natural world.
- Wabash River Enhancement Corporation (WREC), which has a mission to enhance the quality of life in the Wabash River Corridor.
- Americus Area Community Coalition (AACC), which was formed in opposition to the development of a quarry mining operation along the Wabash River near Americus. Speakers: Kay and Bill Miller.
- NICHES Land Trust, which manages properties of significant natural beauty in a 13 county area of West Central Indiana. Speaker: Gus Nyberg

Continued next page
Local Environmental Organizations (continued)

- Sycamore Audubon Society and instead include: Environmental and sustainability Committee of Leagure of Women Voters. Speaker: Liz Solberg
- Indiana Native Plant and Wildflower Society (INPAWS), teaching about Indiana’s native plants, protecting their habitat and encouraging gardening with native plants.
- A local Cooperative Invasive Species Management Area (CISMA) being formed which will deal with the problem of invasive plants in our area. Speakers: Amber Slaughterbeck and Patty Jones
- Wabash Riverkeeper/Banks of the Wabash, advocating for the protection of the Wabash River and its watershed. Speaker: Rae Schnapp

Tuesday/Thursday 9-10:15 a.m.
MINI-COURSE: October 16, 18, 23, 25
Under-Appreciated Persons in American History
Jim Garland, coordinator and presenter

This course will cover seven men who have played critical roles in American history but are not among those who have become giants in the eyes of the public. Gouverneur Morris, Alexander Hamilton, Samuel Chase, John Marshall, John Tyler, James K. Polk and Teddy Roosevelt all made major contributions to the history of our nation but are not as well-known as Washington, Jefferson, Lincoln or FDR.

Tuesday/Thursday 10:30-11:45 a.m.
Visiting National Parks of the Southwest
Dwayne Daehler, coordinator and presenter

Some of America’s most striking and distinct national parks are located in the American Southwest—Utah, Arizona, Colorado. In this class we will talk about planning trips to the following national parks: Arches, Bryce, Canyonlands, Capital Reef, Grand Canyon, Mesa Verde, and Zion, as well as Monument Valley. We will cover best times to visit the parks, lodging, travel between the parks, weather, park rules and regulations, what to see and do at each park, unique features of each park and photography tips. Videos and photos of several will be shown. Much of what is presented will be based on the presenter’s research of and visits to the parks in 2016. We will also draw on the experiences of any participants who

Continued next page
have visited the parks. Whether you are considering a visit to these parks, or simply want to learn about them, or have already visited and want to refresh or celebrate your memories of these parks, you will find this a fascinating course.

Tuesday/Thursday 10:30-11:45 a.m.
Sapiens: The History of Our Species
Mark and Sarita Levinthal, co-coordinators and presenters

Our species is about 400,000 years old. Until 70,000 years ago, we were in the middle of the food chain, scavenging the remains of prey killed by top predators. Today, sapiens are the top predators. Our class will present recent scientific research from biology, anthropology and social science concerning how this transformation occurred. We will focus on our hunter-gatherer past, the development of consciousness, the agricultural revolution and the scientific revolution.

10/16 through 10/25 The Evolutionary History of our Genome (3.8 million years ago to 100,000 years ago)
10/30 through 11/8 The Anthropocene Age (70,000 to present)

Tuesday/Thursday 10:30-11:45 a.m.
MINI-COURSE: October 16, 18, 23, 25
Our Ears: Hearing and Balance
Sally Gustafson, coordinator

Hearing loss affects approximately 20% of all Americans. Over the age of 65, one out of every 3 people has hearing loss. Hearing loss is the third most common health disorder in the U.S., following diabetes and arthritis. People with hearing loss in the work force typically have significantly lower financial compensation compared to their normally hearing peers. Such loss has been linked to increased risk for depression, isolation and dementia. Tinnitus (noises in ears), dizziness and balance disorders are also common. Our goal is to provide some basic information regarding hearing and balance as well as rehabilitative options. Melissa Newell, clinical professor, department of speech, language and hearing sciences will be the presenter.

10/16 Dizziness and Balance
10/18 Hearing Health Care in General
10/23 Hearing Aid Technology
10/25 Communication Strategies

Visiting National Parks (continued)
Tuesday/Thursday 10:30-11:45 a.m.
MINI-COURSE: October 30, November 1, 6, 8
Ribbon Weaving: It Is All In the Fingers
_Nancy Hartman, coordinator and presenter_

Ribbon lei making with two and three ribbons is the inspiration for this course. Fingers are the basic equipment needed. A two ribbon bookmark will be the first project, followed by a two ribbon lei; then a three ribbon lei. Matching earrings or a bracelet will be taught if time permits. Dianne Talbott, talented bead weaver and collage maker, will assist. Cost is $5.

Tuesday/Thursday 1:15-2:30
Exoplanets in the Milky Way
_Jim Plassard, coordinator_

During the past two decades there has arisen a new field of Astronomy concerned with the study of planets orbiting stars other than our Sun and the search for other life.

In searching for non-terrestrial the first place to look is obviously among our terrestrial planets. The fall back position being the planets non-solar stars. However, since the nearest non-terrestrial is four light years away (about 250,000 times the Earth-Sun distance) a direct/approach seems to be hopeless. But in 1995, after several false starts, a Jupiter-like planet was discovered in the constellation Pegasus. The discovery was readily confirmed and other astronomers took up the quest. At the turn of the century over 200 exoplanets were known and the KEPLER space telescope was dedicated to exoplanet research. By 2007 several thousand had been tabulated and the search for other life forms initiated.

Selections of Professor Alex Flippenko’s Great Course lectures will be featured followed by discussion led by emeritus professor Sol Gartenhaus.
Cecelia Greiner will be teaching this course about the deuterocanonical or apocryphal Book of Tobit. It is one of the most intriguing and charming tales from the Bible. Probably originally written in Hebrew or Aramaic early in the second century BCE, the Greek version has served as the basis for most translations until the discovery of fragments among the Dead Sea Scrolls. In addition to reading and discussing the text with its fascinating characters including Tobit, his wife, his son, the companion on the journey Azariah/Raphael, the little dog, and the beautiful Sarah, we will note the brilliant narrative techniques of the unknown author. This novella paints a vivid picture of Jewish life in Nineveh during the Exile as well as an intimate portrait of family life. We will view some slides of the historical background and illustrations of the text. Participants may read the text in any version, but a handout of the Revised Standard will be used in class.

The thin atmospheric layer of gases that surrounds the planet Earth protects life. One of the critical mechanisms is the greenhouse effect. Human activities, mainly the burning of fossil fuels and clearing of forests, have strengthened the greenhouse effect and caused global warming. Several states and cities have committed to phasing out carbon emissions by 80-100% by 2050. Indiana scientists working on the Indiana Climate Change Impacts Assessment have prepared a series of reports that shows how the changing climate will affect state and local interests including the impact on Hoosier families' health, agriculture, forests and more. The impact of climate change on agriculture and the evaluation of the total damage from additional CO2 emissions used in the quantification of emission reduction benefits will be presented.

10/16  The State of the Atmosphere
Jacques Delleur, emeritus professor, Lyles School of Civil Engineering

10/18  Our Past and Future Climate From the Globe to the Hoosier State
Jeffrey Dukes, director, Purdue Climate Change Research Center

Continued next page
**The State of the Atmosphere (continued)**

10/23 Impact of Climate Change and Mitigation Policies on Global Agricultural Sustainability  
Thomas Hertel, distinguished professor and executive director, Center for Global Trade Analysis, agricultural economics

10/25 Consequences of Indiana’s Changing Climate  
Melissa Widhalm, operation manager, Purdue Climate Change Research Center

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**Tuesday/Thursday 1:15-2:30 p.m.**  
**MINI-COURSE: October 30, November 1, 6, 8**

**The Elegy: Yeats and Auden**  
*Margaret Rowe, coordinator and presenter*

The elegy offers a place for meditation and remembrance. Both activities appealed to W. B. Yeats and W. H. Auden who wrote some of the twentieth century’s most celebrated elegies. With biographical and historical perspectives, we will read several of their most famous elegies, among them Yeats’ “In Memory of Major Robert Gregory” and “The Municipal Gallery Revisited” and Auden’s “In Memory of W. B. Yeats” and “Musée des Beaux Arts.”

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**Tuesday/Thursday 1:15-2:30 p.m.**  
**MINI-COURSE: October 30, November 1, 6, 8**

**Cancer Research at Purdue**  
*Jacques Delleur, coordinator*

As stated in its 2016 annual report, the Purdue University Center for Cancer Research focuses on basic discovery, the foundation for innovative cancer solutions. It is one of only seven centers in the United States designated by the National Cancer Institute as a basic cancer center. The center focuses on research areas such as cell identity and signaling, chemical and structural biology, drug delivery and molecular sensing and medicinal chemistry. Five discovery groups focus on bladder, brain, breast and prostate cancer, and the relationship between cancer and obesity.

10/30 Overview of Cancer Research at Purdue University  
Andrew Mesecar, professor, biochemistry and deputy director, Center for Cancer Research

11/1 RNA-dependent enzymes as tools for investigating recalcitrant small cell lung carcinoma  
Elizabeth Tran, professor, biochemistry

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*Continued next page*
Tuesday/Thursday 2:45-4 p.m.

Pumping Rust

Charlene Watson, coordinator and presenter

Registrants will be led in a variety of age-appropriate activities to help with flexibility, balance, agility, coordination, strength and (on a lesser level) cardiovascular endurance. No special clothing is required.

Charlene will be teaching Monday/Wednesday at 9 a.m. You may register for both classes.

Tuesday/Thursday 2:45-4 p.m.

World War II War Crimes Trials

Joe Krause, coordinator and presenter

The horrors and atrocities of WWII perpetrated by the Axis military and civilian leaders shocked the victorious Allies. There was widespread support for some type of accounting for those horrible deeds. The victors responded with a series of war crimes tribunals centering around Nuremberg, Germany. There were several distinct trials such as separate ones for political and military leaders, manufacturers, doctors and judges. But there was criticism then, as well as more recently, that these trials were a “victor’s justice,” that the judgments were “ex post facto,” and that there were atrocities by all sides during the war. Two Indiana jurists served on these tribunals. One became a model judge for the acclaimed film Judgment at Nuremberg which will be shown in its entirety. Subsequent lectures will deal briefly with the Tokyo War Crimes Trials and even a Vietnam War Crimes trial. There will be an accompanying book Hoosier Justice at Nuremberg by Susan Bellamy. Cost:$6.

10/16  Major War Criminals: Twenty-two leading Nazi figures
       Joe Krause, retired world history teacher

10/18  Hoosier Justice Curtis Shake and Military Justice and “The Farben Case”
       Joe Bumbleburg, attorney

Continued next page
**WWII War Crimes (continued)**

10/23  Hoosier Justice Frank Richman and The Trial of German Industrialists—“Th Flick Case”
       Joe Krause

10/25  Introduction to the film *Judgment at Nuremberg*
       Marshall Deutelbaum

10/30  *Judgment at Nuremberg II*

11/1   *Judgment at Nuremberg III* and post film discussion

11/6   Tokyo War Crimes Trials

11/8   Post WW II War Crimes Trials: Africa, Serbia, Vietnam
       Panel: Joe Bumbleburg, Joe Krause, others

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**Tuesday/Thursday 2:45-4 p.m.**

*The Rise of Christianity*

*Sally Gustafson, coordinator*

This course traces the development of various Christian trajectories (or streams) through the first centuries. It will identify its leaders and followers, including their contributions to Christian thought and literature. Dave Schmidt, retired United Methodist minister will lead the examination and discussion of these streams of the Christian movement.

10/16  The Rise of Jewish Christianity from Pentecost through Council of Jerusalem

10/18  The continued development of Christian Jews into the Ebionites and possible connection to Mohammad

10/23  The Rise of Gentile Christianity with Paul and Beyond

10/25  Development of the New Testament

10/30  The Impact of Gnostic Christianity and Heresies

11/1   Proto-orthodoxy of Apologists and Early Church Fathers

11/6   The Success of Orthodoxy Arriving at Constantine and Council of Nicaea, 325 CE

11/8   Church Councils Define Orthodoxy
Tuesday/Thursday 2:45-4
MINI-COURSE: October 16, 18, 23, 25

The Metropolitan Opera’s 2018
Live In HD Productions

Kristine Anderson, coordinator

Joyce Field, Met Opera Ambassador for Live in HD, will lead the discussion about four operas that will be shown in the 2018-19 Live HD series: Verdi’s Aida (shown October 6), Puccini’s La Fanciulla del West (shown October 27), Cilea’s Adriana Lecouvreur (shown January 12), and Donizetti’s La Fille du Régiment (shown March 2). In addition to discussions of the current opera, Joyce will review relevant facts of the lives of the composers as well as their major operatic compositions. These four operas represent different “styles” and discussions will enhance the viewing and listening of these operas in the forthcoming Met productions.

Tuesday/Thursday 2:45-4 p.m.
MINI-COURSE: October 30, November 1, 6, 8

Where American Symphonies and Folk Music Meet
Joan Briller, coordinator and presenter

Our American born classical composers often used folk songs in their works to add flavor and zest. Registrants will enjoy an “ear treasure hunt” as Joan brings old favorites like “Turkey in the Straw,” “When Johnny Comes Marching Home,” into symphonic pieces. Composers will include Aaron Copeland, Ruth Crawford Seeger, Roy Harris and others.

10/30 Joan Briller
11/1 Joan Briller
11/6 Lafayette Symphony Orchestra speaker
11/8 Nick Palmer, conductor Lafayette Symphony Orchestra
**WALLA**

**2016-2017 Board Members**

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<td>John Veach</td>
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**WALLA Committees and Chairpersons**

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<tr>
<th>Committee</th>
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<tbody>
<tr>
<td>Curriculum</td>
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<td>Tom Schott</td>
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<td>Historian</td>
<td>Sarita Levinthal</td>
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For more information on WALLA, contact:

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