



LLI Summer 2019 Catalog

Class: 19SU01 **Hands-On Chinese Painting (1 Session)**

Learn about the history of Chinese painting as you learn the strokes and techniques of this ancient art form. Using Chinese paint brushes, ink, and rice paper you will create your own Chinese paintings to take home. Instructors from the Confucius Institute at George Mason University will lead this introductory class on Chinese crafts.

Supplies will be provided at no cost.

Date/Time: Wed, May 29, 10:00-11:30

Location: Confucius Institute at George Mason University

Class Size: Min. 5, Max. 15

Coordinator: Anna Dixon

Instructor: **DAI GU** is a visiting scholar at the Confucius Institute at George Mason University. She graduated from Beijing Language and Culture University with a masters degree in applied linguistics.

The Confucius Institute is located in the East Building on the north side of the George Mason University (GMU) Fairfax campus at 4400 University Drive. The closest parking is at the Rappahannock River Parking Deck. Visitor parking is located on the lowest level. Do not enter through the "Permit Parking" entrance. Parking is \$3 per hour. Please pay for enough time when you arrive so you don't incur a parking ticket. It is a 5-minute walk to the East Building. For GPS directions, use "Rappahannock River Parking Deck" (not Garage) at GMU. Also note the location of the East Building on that page. For detailed directions, see "Directions to Class & Sig Locations" at <https://lilnova.org/index.php/courses/directions/>. A GMU campus map is available at the GMU web page, <https://info.gmu.edu/campus-maps-and-directions/>

Class: 19SU02 **The Ghost of Hitler and the Return of Anti-Semitism (1 Session)**

This LLI class is back by popular demand! Join Professor Moore for his survey of the resurgence of Nazism in America and around the world and a discussion of how to set the record straight on Adolf Hitler and his role in the Holocaust by diving into Hitler's biography.

Date/Time: Mon, Jun 3, 1:30-3:00

Location: NOVA Nursing Bldg (CN) (Room 103)

Class Size: Min. 10, Max. 100

Coordinator: Nan Peck

Instructor: **NATHAN MOORE** teaches Western civilization at NOVA and attends American University where he is pursuing a Ph.D. in European history. Moore is studying British communism and the Soviet Union in the interwar period.

Class: 19SU03 Honoring Those Who Served During The Civil War (1 Session)

The unprecedented number of soldiers' deaths during the Civil War resulted in efforts to respect and honor the men who had died far from home. Thousands of known and unknown soldiers were hastily buried in shallow graves on the battlefields. In July, 1862, the U.S. Congress authorized President Lincoln to purchase grounds to establish cemeteries for those who died fighting on behalf of the United States. As a result Alexandria National Cemetery was created in 1862 as one of the fourteen original national cemeteries. When full capacity was reached Quartermaster General Montgomery Meigs founded Arlington National Cemetery on the Custis-Lee Mansion property in 1864. Through the years governments and communities have constructed cemeteries to honor both Union and Confederate soldiers. Learn about these cemeteries and how they were established.

Date/Time: Tue, Jun 4, 10:00-11:30

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 10, Max. 90

Coordinator: Arlene Gribben

Instructor: **MARY BUCKINGHAM LIPSEY** earned a B.A. in history and sociology from Mary Washington College, and a Masters in middle school education from Virginia Tech, and retired after teaching seventh grade American history for almost 30 years. She has been a volunteer docent at the Smithsonian National Museum of American History since 1980 and the National Archives since 2004. Mary is a member of the Fairfax County History Commission. Her interest in history has found an outlet through researching, writing, and speaking to community groups. Her published works include: *Braddock's True Gold: 20th Century Life in the Heart of Fairfax County* (2006; co-authored with Marion Meany), *A Christmas Flight: Aviation Pioneer, Dr. William Christmas* (2013), and *Aviation: From Curiosity To Reality* (2018).

Class: 19SU04 Retirement Life in China (1 Session)

In the Chinese government system people in China retire in their fifties or sixties. What is life like for retired people in China? Some people choose to live with their children and help look after their grandchildren. Others choose to travel. Some enjoy working and choose new avenues to continue their work life. Learn about retired life in China through the personal stories of several Chinese senior citizens.

Date/Time: Wed, Jun 5, 1:30-3:00

Location: NOVA Nursing Bldg (CN) (Room 103)

Class Size: Min. 5, Max. 80

Coordinator: Anna Dixon

Instructor: **HUA LI** is a visiting scholar from Beijing Language and Culture University where she is a faculty member. She received her Ph.D. in applied linguistics. Dr. Li teaches Chinese language, calligraphy, and culture classes at the Confucius Institute at George Mason University.

Class: 19SU05 Mosquitoes and Ticks: Identification, Lifecycles, and Controls (1 Session)

In the warmer months we must prepare for mosquitoes and ticks but there is no reason to stay inside or use heavy chemicals to control them. Join us and learn how to identify and control mosquitoes and ticks in an environmentally safe manner. This interactive presentation will provide information on mosquitoes including: the most common mosquitoes in VA, their lifecycle, and when and where they're most active; the most effective way to reduce mosquito populations without chemicals; the best ways to protect yourself against mosquito bites; and how to protect pollinators and other beneficial critters from harm while dealing with unwanted mosquitoes. We'll also learn about ticks: key identification information for the most common ticks in VA and their lifecycles; how they spread disease; the safest ways to avoid and repel them; and what to do if you find a tick on a person or a pet.

Date/Time: Fri, Jun 7, 1:30-3:00

Location: NOVA Nursing Bldg (CN) (Room 126)

Class Size: Min. 5, Max. 25

Coordinator: Nan Peck

Instructor: **KASHA HELGET** is a master naturalist and board member of the Arlington Regional Master Naturalists (ARMN). She researched and assisted in developing outreach materials involving mosquitoes and ticks with the Virginia Cooperative Extension Service, members of the Master Gardeners of Northern Virginia and ARMN. A retired attorney with the Federal Energy Regulatory Commission, Kasha is a strong environmental supporter with a focus on native plants for wildlife.

Class: 19SU06 Senior Living: Staying Safe, Staying Active--Not Just for Seniors! (1 Session)

Interior design enhances the way people live. Many of us are making changes in our homes to enhance the senior living experience. This course explores issues for seniors wishing to "age in place" or relocate to a new environment. Topics will include: what to look for in a new housing type or how to adapt and remodel your current home for safety, lighting, and universal design.

Date/Time: Tue, Jun 11, 10:00-12:00 (Note time)

Location: NOVA Nursing Bldg (CN) (Room 203)

Class Size: Min. 7, Max. 30

Coordinator: Nan Peck

Instructor: **ANN NICHOLS** earned her M.A. in interior design and has been a professional interior designer (not decorator!) for 45 years. She is a member of the American Society of Interior Designers. Ann retired from teaching interior design at NOVA's Loudoun Campus.

Class: 19SU07 Afternoon Tea (1 Session)

What is more delicious and fun than an afternoon tea party? Chef Cal will present an array of tea sandwiches, sweets, and scones with clotted cream. This class will include instruction and an afternoon tea.

Please mail the \$15 fee to Bonnie Hopley by Jun 5 (see members section at LLINOVA.org for address). If you cancel with less than four days notice, in accordance with LLI policy, you will forfeit the fee unless another participant is able to take your place.

Date/Time: Wed, Jun 12, 1:30-3:00

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 10, Max. 25

Coordinator: Bonnie Hopley

Instructor: **CALVIN KRAFT** attended *L'Academie de Cuisine* and The Culinary Institute of America and has taught culinary classes. He worked in the corporate world of the travel and hospitality industry for 30 years. After retiring, he was the owner and executive chef of Dinner Is Served LLC, a personal chef/catering operation.

Class: 19SU08 Music of China (1 Session)

Learn about ancient and modern Chinese music. The lecture will begin with a brief introduction about music in ancient China and a description of traditional Chinese musical instruments. Contemporary music genres such as pop music and rock and roll will be presented as well as folk songs, traditional Chinese opera, and the music of some of China's minority ethnic groups. Learn about the wide variety of music enjoyed by people in China today.

Date/Time: Wed, Jun 12, 1:30-3:00

Location: NOVA Nursing Bldg (CN) (Room 103)

Class Size: Min. 1, Max. 80

Coordinator: Anna Dixon

Instructor: **DAI GU** is a visiting scholar at the Confucius Institute at George Mason University. She graduated from Beijing Language and Culture University with a masters degree in applied linguistics.

Class: 19SU09 The Past, Present, and Future of MD and VA Barrier Islands (1 Session)

The Mid-Atlantic barrier coasts many of us have come to love, such as Fenwick Island, Ocean City, and Assateague Island, are byproducts of a slowly rising sea and ample shelf sediment (sand). In the past century, these attractive ribbons of vegetated sediment and cool breezes have become sites of extraordinary population growth, development, and commercial value. Despite the fact that we treasure them, they will be in increasing jeopardy during the coming decades. The geologic origin and dynamics of natural barrier coasts and the ways in which humans have impacted them – virtually “loving them to death” -- will be discussed. Several factors involved in their coming existential dilemma will be highlighted: they are made of sand, the sedimentary particle most prone to movement; sea level is rising, more rapidly than it has in at least 3,000 years; the continental shelf on which they are found is sinking; and erosive storms are becoming stronger, superimposed on a rapidly rising sea level. The coming decades will prove a struggle with many hard choices to make.

Date/Time: Fri, Jun 14, 1:30-3:00

Location: NOVA Nursing Bldg (CN) (Room 126)

Class Size: Min. 10, Max. 50

Coordinator: Nan Peck

Instructor: **KEN RASMUSSEN** is a Geological Oceanographer specializing in marine and lacustrine (lake) sedimentary responses to changing climate. He has led several international field-research expeditions – both underwater and on land – to St. Croix, the Bahamas, Belize, Hungary, and Kyrgyzstan, and authored numerous peer-reviewed articles, book chapters, and reports on each. He was a Researcher in the Smithsonian Institution Department of Paleobiology from 1989-2006, and joined NOVA (Annandale) in 1992, where he currently teaches. Dr. Rasmussen has won the NOVA “Faculty of the Year Award” (1995), the National Association of Geoscience Teachers “Award for Excellence in College Teaching” (2009), and the State Council for Higher Education in Virginia “Virginia Outstanding Faculty Award” (2011). Beyond teaching courses in geology and oceanography, Rasmussen has created and run eight different field-courses including “Barrier Island Geology and Oceanography” (GOL295-52N).

Class: 19SU10 The United States in Cuba and the Caribbean (1 Session)

For many years we have been involved with the Caribbean nations. Sometimes our interventions were benevolent and other times they were not. Learn about these relationships, especially with Cuba, and the changes that have occurred over time.

Date/Time: Mon, Jun 17, 10:00-11:30

Location: Greenspring Village (Village Square Theater)

Class Size: Min. 15, Max. 55

Coordinator: Doug Johnson

Instructor: **CHARLES McCLELLAND** grew up in the Panama Canal Zone. He has traveled extensively throughout Latin America and the Caribbean. He has studied in Mexico and was a Peace Corps volunteer in Colombia. Charles is a professional instructor and adjunct professor at Georgetown University. In his spare time he is a guest lecturer on several cruise lines.

Class: 19SU11A Flutter by, Butterfly! (2 Sessions)

In this class we hope to cover everything you've ever wanted to know about important pollinators: butterflies and moths. So many say “ugh” to insects, but this class will talk about the important order of *Lepidoptera*, which includes butterflies and moths. We'll talk about their life cycle, how to differentiate the two, interesting defense mechanisms, and ways that the earth is losing these important kinds of insects, from the Monarch to the Baltimore Checkerspot.

This is the first of 2 sessions. This class will be at St Matthews. The second session will be a field trip to Meadowlark Gardens. See Class 19SU11B.

Date/Time: Tue, Jun 18, 10:00-11:30

Location: St. Matthew's United Methodist Church (Rm 304)

Class Size: Min. 5, Max. 20

Coordinator: Delsa Hildebrandt

Instructor: **MARY ALEXANDER** is a roving naturalist for the Fairfax County Park Authority, a second career after 35 years doing public policy work with the US Government. Mary has a Natural History Field Studies certificate from the USDA Graduate School and is a Virginia Master Naturalist. She has worked at a number of Virginia and Maryland nature centers and parks and has conducted numerous nature walks over the years. In 2015 Mary and her husband portrayed Oregon Trail pioneers, presenting all the interpretive programs at a state park along the Snake River in Idaho. In 2016 she was an interpretive park ranger at the Grand Teton National Park in Wyoming. She has had a special interest in butterflies for more than 20 years and for more than 10 years she led monthly butterfly walks at Sky Meadows State Park in Virginia.

Class: 19SU11B Flutter by, Butterfly! (2 Sessions)

See Class 19SU11A. This session is a field trip to Meadowlark Gardens to observe and identify common butterflies found in our gardens.

This is the second of two classes. The first session is a class at St. Matthew's.

Date/Time: Wed, Jun 19, 10:00-11:30

Location: Meadowlark Botanical Gardens

Class Size: Min. 5, Max. 20

Coordinator: Delsa Hildebrandt

Instructor: **MARY ALEXANDER** is a roving naturalist for the Fairfax County Park Authority, a second career after 35 years doing public policy work with the US Government. Mary has a Natural History Field Studies certificate from the USDA Graduate School and is a Virginia Master Naturalist. She has worked at a number of Virginia and Maryland nature centers and parks and has conducted numerous nature walks over the years. In 2015 Mary and her husband portrayed Oregon Trail pioneers, presenting all the interpretive programs at a state park along the Snake River in Idaho. In 2016 she was an interpretive park ranger at the Grand Teton National Park in Wyoming. She has had a special interest in butterflies for more than 20 years and for more than 10 years she led monthly butterfly walks at Sky Meadows State Park in Virginia.

Class: 19SU12 Financial Planning in a New Tax Reality II (1 Session)

This class was presented in July 2018 highlighting tax changes. It looks at ways to minimize adverse tax changes. This session will look at options such as lumping, qualified charitable distributions, donor advised funds, and other strategies for a lower tax bill.

Date/Time: Tue, Jun 25, 1:30-3:00

Location: St. Matthew's United Methodist Church (Rm 304)

Class Size: Min. 10, Max. 40

Coordinator: Scott Pinckney

Instructor: **EVAN BEACH** is the Director-Wealth Management Advisor at Campbell Wealth Management. He is a Certified Financial Planner (CFP) and an Accredited Wealth Management Advisor (AWMA). He holds an Executive Certificate in Financial Planning from Georgetown University. Evan is a frequent financial management instructor at LLINOVA.

Class: 19SU13 Unpacking the Science of Evolutionary Biology (2 Sessions)

Evolutionary biologist Theodosius Dobzhansky said, “Nothing in biology makes sense except in the light of evolution.” Indeed, evolution has been and continues to be a foundational principle of modern biology. However, since the Scopes trial in 1925, teaching and learning about evolution in the nation’s public schools has resulted in political and legal challenges at the local, state, and national levels that continues today. In two sessions we will explore the controversies related to evolution science, examine what constitutes scientific evidence, how scientific hypotheses and evidence are developed, and discuss why the study of evolution is a bona fide branch of science. **Note:** As background reading, participants are asked to download (without cost) and read through *Science, Evolution, and Creationism* from the National Academy of Sciences and Institute of Medicine (<https://www.nap.edu/catalog/11876>) prior to class.

Dates/Time: Mon, Jul 8; Jul 15, 10:00-11:30

Location: St. Matthew's United Methodist Church (Rm 304)

Class Size: Min. 10, Max. 40

Coordinator: Philippa Centini

Instructor: **JAY B. LABOV**, Ph.D., served as Senior Advisor for Education and Communication at the National Academies of Sciences, Engineering, and Medicine in Washington, DC before retiring in 2018. He has directed or contributed to some 30 National Academies reports on K-12 and undergraduate, teacher, and international education. He was Director of the National Academies’ Teacher Advisory Council, directed the committee that authored *Science, Evolution, and Creationism*, and oversaw efforts to confront challenges to teaching evolution in the nation’s public schools. He currently serves as a Woodrow Wilson Visiting Fellow. Dr. Labov has been named an Education Fellow by the American Association for the Advancement of Science (AAAS), is a Lifetime Honorary Member of the National Association of Biology Teachers, is an Education Fellow of the AAAS, and received the National Science Teacher Association’s Distinguished Service to Science Education award. He remains active on the AAAS Council’s Executive Committee.

Class: 19SU14 Ice Age Cave Art (1 Session)

Mammoths and bison and bears (oh my!) are dramatically illustrated in Ice Age Cave Art. Spanning 32,000 to 12,000 years ago, Paleolithic peoples created the first of humankind's most sophisticated art. Their purpose remains one of history's great mysteries. This presentation will focus on the cave art from France, including Lascaur, called the most spectacular of all Ice Age art yet found.

Date/Time: Tue, Jul 9, 10:00-11:30

Location: NOVA Nursing Bldg (CN) (Room 126)

Class Size: Min. 8, Max. 35

Coordinator: Judy Robison

Instructor: **BONNIE BECKER** has had a long-time interest in pre-history and recently experienced an immersion course in Ice Age cave art on location in the Dordogne area of France with international authority Paul Bahn. Previously, she visited Olduvai Gorge in Tanzania and Oetzi, the Ice Man, in Italy. As a human relations specialist for Fairfax County Public Schools for 27 years, she made many presentations on history, social studies, and cultural diversity.

Class: 19SU15 Picnic In The Park (1 Session)

In the summer many people enjoy a picnic meal in an outdoor location. This class will give you ideas, tips, and recipes for a delicious picnic in the park.

NOTE: A \$5 fee will be collected in class (exact change, please).

Date/Time: Wed, Jul 10, 10:00-11:30

Location: St. Matthew's United Methodist Church (Rm 304)

Class Size: Min. 10, Max. 25

Coordinator: Bonnie Hopler

Instructor: **CALVIN KRAFT** attended *L'Academie de Cuisine* and The Culinary Institute of America and has taught culinary classes. He worked in the corporate world of the travel and hospitality industry for 30 years. After retiring, he was the owner and executive chef of Dinner Is Served LLC, a personal chef/catering operation.

Class: 19SU16 A Whole Lot of Fracking Going On (1 Session)

Fracking is a controversial topic but is here to stay as a major source of energy. It probably has more critics than proponents. In this class we will examine in detail the process of fracking, its antecedents, its benefits, and its environmental costs.

Date/Time: Wed, Jul 17, 10:00-11:30

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 10, Max. 90

Coordinator: Philippa Centini

Instructor: **BARRY CENTINI** has a Ph.D. in geology from the University of North Carolina, Chapel Hill. He has been offering geology and science classes to LLI members for several years and is an LLI member.

Class: 19SU17 Richard Risk's Poetry and You (4 Sessions)

Join us for one of LLI's long-time favorite courses and learn that poetry can enrich your life. We share poems -- contemporary or classic -- illustrating a theme, occasion, form or school/movement or we may read and discuss poems by the same poet, as selected the prior week by the class. This class is dedicated to the memory of Richard Risk who established Poetry and You and was one of LLI's original founding members.

Dates/Time: Fri, Aug 2; Aug 9; Aug 16; Aug 23, 1:30-3:30 (Note time)

Location: Little River United Church of Christ (Room 8)

Class Size: Min. 10, Max. 25

Coordinator: Marianne Moerman

Instructor: **KATHRYN O'TOOLE** currently serves on LLI Board of Directors, is Co-Chair of the Automation Committee and serves as web editor for the LLI website. She received her B.A. from the University of California. Kathryn joined LLI in 2011 and of LLI's courses, she is especially fond of its poetry offerings. She is an avid reader and theater-goer, National Parks enthusiast and loves many musical genres.

Class: 19SU18 Simple Meals (1 Session)

By popular request Chef Cal will present meals which use four ingredients or fewer. We're sure some of these recipes will become among your favorites to prepare and share.

NOTE: A \$5 fee will be collected in class (exact change, please).

Date/Time: Wed, Aug 7, 10:00-11:30

Location: St. Matthew's United Methodist Church (Rm 304)

Class Size: Min. 10, Max. 25

Coordinator: Bonnie Hopley

Instructor: **CALVIN KRAFT** attended *L'Academie de Cuisine* and The Culinary Institute of America and has taught culinary classes. He worked in the corporate world of the travel and hospitality industry for 30 years. After retiring, he was the owner and executive chef of Dinner Is Served LLC, a personal chef/catering operation.

Class: 19SU19 Watercolor Lessons – Painting Heads and Faces (1 Session)

Flummoxed by faces? Weary of watercolor? No problem. Watercolor artist Donna Finnegan will guide you through the composition of heads and faces and instruct you on the color values intrinsic in face and head shading. The instructor will be available until 2:30 to guide you.

Students may bring some black and white or color photos of faces they can use as subjects to draw and paint. Others will be available. Watercolor brushes will be provided or you can bring your own.

For \$4 per student, the instructor will provide the materials including watercolor paints, pencils, watercolor paper, and drawing paper. No charge for students who bring their own.

Date/Time: Thu, Aug 8, 10:30-2:30 (Note time)

Location: Fairfax Art League Gallery

Class Size: Min. 6, Max. 12

Coordinator: Anna Dixon

Instructor: **DONNA FINNEGAN** of the Fairfax Art League is a watercolor artist who has been painting for most of her life. She attended the University of Minnesota and Iver Hills Community College in St. Paul but has found the workshops and courses taken from other excellent artists have proven most valuable since they provided instant feedback and guidance. She is a long-standing member of the Fairfax Art League and the Potomac Valley Watercolorists. Donna's beautiful work can be seen at <https://www.fairfaxartleague.net/donna>

Free parking is available in the garage at 3950 University Drive and on the corner of Old Lee Highway and 236 and Old Lee Highway and North Street.

Class: 19SU20 Park Ranger Grab Bag: Four U.S. Presidents (Part 1) (1 Session)

By popular demand join the National Park Service to learn about four U.S. presidents whose stories are relatively unsung: James K. Polk, Franklin Pierce, James Buchanan, and Grover Cleveland. Park Service rangers will peel back the layers of history and investigate the administrations of these chief executives of the 19th century. Note: specific content of each class depends on Ranger availability.

Date/Time: Wed, Aug 21, 1:30-3:00

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 20, Max. 90

Coordinator: Debi Hunsberger

Instructor: **BRAD BERGER** has a B.A. in European history and an M.A. in American colonial history. Brad served in the Federal Republic of Germany as a security specialist in the U.S. Air Force and interned for the National Park Service at Harpers Ferry National Historic Park. Ranger Berger currently serves at the National Mall and Memorial Parks in Washington, D.C., where he helps coordinate operations for presidential inaugurations, annual national Independence Day celebrations, and National Cherry Blossom Festivals. (202) 438-4173 brad_berger@nps.gov

BETHANY BAGENT began her National Park Service career at the Jefferson National Expansions Memorial where she spent two summers as a seasonal. In March 1999, she joined the staff at the National Mall and Memorial Parks. Bethany is currently involved in various projects ranging from event planning to education programs. (202) 359-1529 bethany_bagent@nps.gov

HEIDI DIETZE is a Minnesota native who spent much of her childhood traveling through several Midwestern states, visiting sites from the Santa Fe Trail to the Corn Palace. From this random trundling, she developed an interest in history that led to an undergraduate degree in holocaust studies and a graduate degree in film history. Ranger Dietze came to National Mall and Memorial Parks as a park ranger in 2002 following two years at the United States Holocaust Memorial Museum. (202) 438-7033 heidi_dietze@nps.gov

JERRY HAWN has a B.A. in history from Wake Forest University, and an M.A. in public administration from the University of North Carolina, Charlotte. Jerry began work as a park ranger with the National Park Service in 1992. He has worked at the Guilford Courthouse National Military Park (Greensboro, NC), Independence National Historical Park (Philadelphia, PA), The Carl Sandburg Home National Historic Site (Flat Rock, NC), and the Jefferson National Expansion Memorial (the Gateway Arch in St. Louis, MO). Since June 1998, Jerry has been working with the National Mall and Memorial Parks in the Division of Interpretation and Education, where he serves as the Mall's VIP tour coordinator. (202) 359-6982 jerold_hawn@nps.gov

LAURA ABBOTT grew up in southern Minnesota and obtained her first job with the National Park Service as a military history intern in the Marin Headlands, a part of the Golden Gate National Recreation Area in San Francisco. Ranger Abbott holds a masters in American history from George Mason University and has been working on the National Mall since 2010. (202) 570-2785 laura_abbott@nps.gov

Class: 19SU21 80 Years of Computer History (3 Sessions)

Computers have an astonishing impact on our lives. How did we get from the crude electronic machines used in World War II to mainframes, supercomputers, minicomputers, personal computers, the Internet, and the Internet of Things? What computer companies have come and gone? How did the Internet and the World Wide Web come about? What is software and how is it developed? What are computer languages? What are operating systems (Unix, Linux, Windows, and macOS) and how do they compare? How did the phenomenal growth of computer power and the dramatic decrease in computer prices come about? Who have been the major personalities involved in this incredible technology? These and other relevant topics will be discussed.

Dates/Time: Thu, Aug 22; Aug 29; Sep 5, 1:30-3:00

Location: St. Matthew's United Methodist Church (Rm 304)

Class Size: Min. 10, Max. 40

Coordinator: Paul Hopler

Instructor: **LORRIN GARSON** was involved for 30 years at the American Chemical Society with the development of methods to acquire and disseminate chemical information electronically. He is an expert in database development, traditional online systems, optical media, the World Wide Web, and related areas. During this period and after retirement in 2004 he used several types of computers (AMOS, Unix, Windows, and macOS) and programmed in several languages. He holds a B.A. in chemistry from the University of California at Riverside, and an M.S. and Ph.D. in chemistry from the University of Maine.

Class: 19SU22 Park Ranger Grab Bag: Four U.S. Presidents (Part 2) (1 Session)

See Class 19SU20, "Park Ranger Grab Bag: Four U.S. Presidents (Part 1)", for class description. Note: specific content of each class depends on Ranger availability.

Date/Time: Fri, Aug 23, 1:30-3:00

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 20, Max. 90

Coordinator: Debi Hunsberger

Instructor:

Class: 19SU23 Park Ranger Grab Bag: Four U.S. Presidents (Part 3) (1 Session)

See Class 19SU20, "Park Ranger Grab Bag: Four U.S. Presidents (Part 1)", for class description. Note: specific content of each class depends on Ranger availability.

Date/Time: Wed, Aug 28, 1:30-3:00

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 20, Max. 90

Coordinator: Debi Hunsberger

Instructor:

Class: 19SU24 Park Ranger Grab Bag: Four U.S. Presidents (Part 4) (1 Session)

See Class 19SU20, "Park Ranger Grab Bag: Four U.S. Presidents (Part 1)", for class description.

Note: specific content for each class depends on Ranger availability.

Date/Time: Fri, Aug 30, 1:30-3:00

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 20, Max. 90

Coordinator: Debi Hunsberger

Instructor:

Class: 19SU25 Digital Literacy: TV and Beyond (1 Session)

Digital Literacy is the set of skills needed to survive in the Information Age. Becoming digitally literate requires an understanding of the vast and ever-changing array of information sources, how to manage or cope with technology delivering the information, and how to make sense of the huge amount of information that we are subjected to each day. Television, radio, newspapers, magazines, social media and, of course, the Internet are increasingly important sources of information necessary to our daily lives. The Fairfax County Department of Cable and Consumer Services will discuss how to evaluate the information sources and delivery technologies available today with a goal toward helping you effectively use technology to find, identify, critically analyze, and use information in the digital age.

Date/Time: Tue, Sep 3, 10:00-11:30

Location: Mason District Governmental Center (Community Rm)

Class Size: Min. 10, Max. 90

Coordinator: Philippa Centini

Instructor: **DOUGLAS POVICH** is a management analyst in the Communications Policy and Regulation Division of Fairfax County's Department of Cable and Consumer Services where he works on cable TV, media and technology issues. Before joining the County in 2017, Doug practiced telecommunications and technology law for over thirty years, focusing on regulatory and transactional matters in the wireline, wireless, and public safety communications sectors. He holds a B.A. in english and philosophy from Union College (1982) and a J.D. from Georgetown University Law Center (1985).



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19SU13	Unpacking the Science of Evolutionary Biology	Mon, Jul 8, Jul 15
19SU16	A Whole Lot of Fracking Going On	Wed, Jul 17
19SU21	80 Years of Computer History	Thu, Aug 22, Aug 29, Sep 5
19SU25	Digital Literacy: TV and Beyond	Tue, Sep 3

Social Science

19SU04	Retirement Life in China	Wed, Jun 5
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19SU06

Senior Living: Staying Safe, Staying Active--Not Just for Seniors!

Tue, Jun 11



LLI/NOVA Class Planning Worksheet Summer 2019

Class Number	Class Title	Fees	Date(s)	Time	Status
19SU01	Hands-On Chinese Painting		Wed, 5/29/2019	10:00-11:30	
19SU02	The Ghost of Hitler and the Return of Anti-Semitism		Mon, 6/3/2019	1:30-3:00	
19SU03	Honoring Those Who Served During The Civil War		Tue, 6/4/2019	10:00-11:30	
19SU04	Retirement Life in China		Wed, 6/5/2019	1:30-3:00	
19SU05	Mosquitoes and Ticks: Identification, Lifecycles, and Controls		Fri, 6/7/2019	1:30-3:00	
19SU06	Senior Living: Staying Safe, Staying Active--Not Just for Seniors!		Tue, 6/11/2019	10:00-12:00 (Note time)	
19SU07	Afternoon Tea	\$15.00	Wed, 6/12/2019	1:30-3:00	
19SU08	Music of China		Wed, 6/12/2019	1:30-3:00	
19SU09	The Past, Present, and Future of MD and VA Barrier Islands		Fri, 6/14/2019	1:30-3:00	
19SU10	The United States in Cuba and the Caribbean		Mon, 6/17/2019	10:00-11:30	
19SU11A	Flutter by, Butterfly!		Tue, 6/18/2019	10:00-11:30	
19SU11B	Flutter by, Butterfly!		Wed, 6/19/2019	10:00-11:30	
19SU12	Financial Planning in a New Tax Reality II		Tue, 6/25/2019	1:30-3:00	
19SU13	Unpacking the Science of Evolutionary Biology		Mon, 7/8/2019 7/15/2019	10:00-11:30	
19SU14	Ice Age Cave Art		Tue, 7/9/2019	10:00-11:30	
19SU15	Picnic In The Park	\$5.00	Wed, 7/10/2019	10:00-11:30	
19SU16	A Whole Lot of Fracking Going On		Wed, 7/17/2019	10:00-11:30	

Class Number	Class Title	Fees	Date(s)	Time	Status
19SU17	Richard Risk's Poetry and You		Fri, 8/2/2019 8/9/2019 8/16/2019 8/23/2019	1:30-3:30 (Note time)	
19SU18	Simple Meals	\$5.00	Wed, 8/7/2019	10:00-11:30	
19SU19	Watercolor Lessons – Painting Heads and Faces		Thu, 8/8/2019	10:30-2:30 (Note time)	
19SU20	Park Ranger Grab Bag: Four U.S. Presidents (Part 1)		Wed, 8/21/2019	1:30-3:00	
19SU21	80 Years of Computer History		Thu, 8/22/2019 8/29/2019 9/5/2019	1:30-3:00	
19SU22	Park Ranger Grab Bag: Four U.S. Presidents (Part 2)		Fri, 8/23/2019	1:30-3:00	
19SU23	Park Ranger Grab Bag: Four U.S. Presidents (Part 3)		Wed, 8/28/2019	1:30-3:00	
19SU24	Park Ranger Grab Bag: Four U.S. Presidents (Part 4)		Fri, 8/30/2019	1:30-3:00	
19SU25	Digital Literacy: TV and Beyond		Tue, 9/3/2019	10:00-11:30	