



LLI Summer 2020 Catalog

Class: 20SU01 **Unpacking the Science of Evolutionary Biology (ONLINE) (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 which continue today. In these sessions we will explore the “controversies” related to the science of evolution, examine what constitutes scientific evidence, determine how scientific hypotheses and evidence are developed, and discuss why the study of evolution is a bona fide branch of science. **This is a reprise of the same class taught in Summer 2019.**

NOTE: Please 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 the class.

Dates/Time: Tue, Jun 2; Jun 9, 10:00-11:30

Location: ONLINE

Class Size: Min. 10, Max. 45

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, D.C., 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: 20SU04 **Impact of White-Tailed Deer in Northern Virginia Ecosystem (ONLINE) (1 Session)**

Deer are a beautiful part of our landscape and they provided an ample source of food for the early European settlers. In Virginia we practically drove the deer population to extinction by the early 20th century, though it has recovered since then and approaches nearly a million today. Indeed, the deer numbers are so high now that they are endangering our forests and destroying habitat for other wildlife.

In this class we will talk about how this population cycle has occurred and what it means for our parks, forests, and neighborhoods. We will also discuss the implications for continuing to ignore the increase in the number of deer, especially in Northern Virginia, and how some of our neighboring jurisdictions have chosen to approach the problem.

Date/Time: Wed, Jun 10, 1:30-3:00

Location: ONLINE

Class Size: Min. 3, Max. 50

Coordinator: Nan Peck

Instructor: BILL BROWNING has been a certified Virginia Master Naturalist (a Virginia Cooperative Extension program) since 2013, and completed the Audubon Naturalist Society Natural History Field Studies program in 2018. He is passionate about working to help rehabilitate our local forests and making them better habitats for native flora and fauna.

Class: 20SU05 The SECURE Act: Retirement Savings Impact (ONLINE) (1 Session)

According to the Wall Street Journal: "...the (Act) upends 20 years of retirement planning and sticks it to the middle class." "New law set to devastate your 401(k)s, IRA, and Roth IRAs." This class will tell you what you need to know and what options you have. Suggestions will be made for you to consider in updating your retirement planning. For example, converting an IRA to a ROTH IRA.

Date/Time: Thu, Jun 11, 10:00-11:30

Location: ONLINE

Class Size: Min. 10, Max. 97

Coordinator: Scott Pinckney

Instructor: EVAN BEACH received his Financial Planning Executive Certificate from Georgetown University. He has published two articles in Kiplinger Magazine on the significant disruptions the Secure Act may impose on one's retirement funds. Evan is a regular financial planning instructor at LLINOVA.

Class: 20SU06 Voice-Overs...Now Is Your Time! (WEBINAR) (1 Session)

This could be the most enlightening two hours you've ever spent! This class will show you how you can actually begin using your speaking voice for commercials, films, videos, and more. Most people go about it the wrong way. You will learn about a unique, outside-the-box way to break into this creative, fulfilling, and potentially lucrative industry. Voice-overs can be managed on your own terms, on your own turf, in your own time, and with minimal overhead! Whether you choose to pursue voice-overs part-time or full-time, this could be the game changer you've been looking for.

Date/Time: Mon, Jun 15, 10:00-12:00 (Note time)

Location: ONLINE

Class Size: Min. 4, Max. 97

Coordinator: Richard Robison

Instructor: NICOLE PORCHE is a native New Orleanian who has starred in series on the major networks Lifetime, The Food Network, and Spike TV. Her years of experience in the film industry have afforded her the opportunity to teach others. Nicole earned her credits as an acting coach, casting director, producer, and film director. She has been featured in Rolling Out and Celebrity Net Worth "The Richest". Nicole is living her dreams by helping others figure out how to live theirs. She built her career as a professional film, television, theater, and voice-over actor by demystifying the casting process and illuminating the business side of pursuing a creative career.

Class: 20SU08A More Flutter by, Butterfly! (ONLINE) (2 Sessions)

After reviewing the basics on butterflies and moths, this class will add to the presentation given in 2019 with more "fun facts" regarding these important pollinators. In the second session we will visit Meadowlark Botanical Gardens to find butterflies (and other interesting insects). **Note: Registration is only required for the first session.**

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 20SU08B.

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

Location: ONLINE

Class Size: Min. 5, Max. 20

Coordinator: Philippa Centini

Instructor: **MARY ALEXANDER** is a roving interpreter for the Fairfax County Park Authority. She has a Natural History Field Studies certificate from the United States Department of Agriculture/Audubon Naturalist Society Graduate School and is a Virginia Master Naturalist. Mary has worked or volunteered at a number of nature centers and parks including Sky Meadows State Park (Delaplane, VA), a state park along the Oregon Trail (Idaho), and Grand Teton National Park. Butterflies have been of special interest for more than twenty years and inspired Mary to teach classes on Lepidoptera (an order of insects that includes butterflies and moths) and guide field trips to find butterflies. Mary is an LLI member.

2d session live only.

Class: 20SU08B More Flutter by, Butterfly! (LIVE ONLY) (2 Sessions)

See Class 20SU08A. This session is a field trip to Meadowlark Gardens to observe and identify common butterflies found in our gardens. **NOTE: PLEASE MAINTAIN SOCIAL DISTANCE (AT LEAST 6 FEET SEPARATION AND WEAR A FACE MASK. ANYONE WITHOUT A FACE MASK WILL NOT BE ADMITTED.**

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

Date/Time: Thu, Jun 18, 11:00-12:30 (Note time)

Location: Meadowlark Botanical Gardens

Class Size: Min. 5, Max. 20

Coordinator: Philippa Centini

Instructor: **MARY ALEXANDER** is a roving interpreter for the Fairfax County Park Authority. She has a Natural History Field Studies certificate from the United States Department of Agriculture/Audubon Naturalist Society Graduate School and is a Virginia Master Naturalist. Mary has worked or volunteered at a number of nature centers and parks including Sky Meadows State Park (Delaplane, VA), a state park along the Oregon Trail (Idaho), and Grand Teton National Park. Butterflies have been of special interest for more than twenty years and inspired Mary to teach classes on Lepidoptera (an order of insects that includes butterflies and moths) and guide field trips to find butterflies. Mary is an LLI member.

Class: 20SU09 All Men Are Created Equal? The Legacy of Racism in the United States (ONLINE) (1 Session)

America's racial tensions have recently been thrust back into the news. Whether in debates over Confederate monuments, reparations for slavery, the rise of white nationalists, or the increased visibility of police shootings and brutality, there is an increasing recognition that these topics cannot be ignored, but must be addressed. This presentation will seek to join this national conversation by placing these current events in a historical context, and by surveying the long history and legacy of racism in the United States.

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

Location: ONLINE

Class Size: Min. 20, Max. 97

Coordinator: Nan Peck

Instructor: **NATHAN MOORE** teaches ancient and modern history at NOVA and attends American University where he is pursuing a Ph.D. in European history, studying British communism.

Class: 20SU11 Mosquito & Tick Management: Pesticide Reduction for Pollinator Protection (ONLINE) (1 Session)

In this class learn how to identify the most common mosquitoes, reduce mosquito populations without chemicals, protect yourself against mosquito bites, and protect pollinators and other beneficial critters while dealing with unwanted mosquitoes. We will identify the most common ticks in Virginia, learn how they spread disease, discover the safest ways to avoid and repel them, and ascertain what to do if you find a tick on a person and/or pets.

Date/Time: Tue, Jun 23, 1:30-3:00

Location: ONLINE

Class Size: Min. 5, Max. 97

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.

Class: 20SU13 The Sovereign Families of Europe (ONLINE) (1 Session)

This class provides an historical, legal, and institutional overview of the ten royal families of Europe: Belgian, Danish, Liechtensteiner, Luxembourger, Monegasque, Dutch, Norwegian, Spanish, Swedish, and English. It compares the internal variations in their assigned civil and ecclesiastical roles, attempts to explain the sources of these variations, and reflects upon the surprising endurance of monarchy in an era of profound democratic-egalitarian transformation.

Date/Time: Fri, Jun 26, 10:00-11:30

Location: ONLINE

Class Size: Min. 8, Max. 97

Coordinator: Nan Peck

Instructor: **MARK R. ROYCE**, Ph.D., is assistant professor of international relations at NOVA-Annandale and author of *The Political Theology of European Integration: Comparing the Influence of Religious Histories on European Policies*. His research interests focus on European political history, law, and international relations.

Class: 20SU18 Consumer Affairs 101 & Protecting Yourself from Identity Theft (ONLINE) (1 Session)

This class is a "twofer," covering two topics.

Consumer Affairs 101 will discuss what Consumer Affairs can do for you, including:

- The services Consumer Affairs provides for consumers, businesses, tenants, and landlords
- How the mediation process works
- What to expect when you file a complaint

The second part of the class, Protecting Yourself From Identity Theft, will:

- Provide an inside look at current scams and how scammers think
- Address how to safeguard against identity theft and fraud
- Highlight firsthand accounts from victims
- Explain what to do if you or someone you know has been a victim

Date/Time: Thu, Jul 16, 10:00-11:30

Location: ONLINE

Class Size: Min. 10, Max. 45

Coordinator: Philippa Centini

Instructor: **MICHELLE MARGEOTES** is a Consumer Specialist with the Fairfax County Consumer Affairs Office.

Class: 20SU21 Socialism and Radical Politics (ONLINE) (1 Session)

Socialism is perhaps one of the most misunderstood words in American political discourse. For many Americans it signifies a loss of freedom and a government take-over of their lives. Others associate the term with the atrocities of Stalin and Mao. However, recent polls have shown that younger Americans have a different view of the word and actually prefer socialism over capitalism. With the current popularity of Socialist politicians like Bernie Sanders and Alexandra Ocasio-Cortez, the word Socialism is back in the news and it is a great time to go back and look at the history of Socialism and radical politics in the United States to see where it all began.

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

Location: ONLINE

Class Size: Min. , Max.

Coordinator: Nan Peck

Instructor: **NATHAN MOORE** teaches ancient and modern history at NOVA and attends American University where he is pursuing a Ph.D. in European history, studying British communism.

Class: 20SU22 Great Decisions 2020 (ONLINE) (8 Sessions)

This class presents an in-depth discussion of eight major foreign policy issues facing the United States in 2020. Topics include: Climate Change and the Global Order; India and Pakistan; Red Sea Security; Modern Slavery and Human Trafficking; U.S. Relations with the Northern Triangle; China's Road in Latin America; The Philippines and the U.S.; and Artificial Intelligence. Classes will commence with a 30-minute video, followed by a one-hour discussion by class members based on the Foreign Policy Association briefing book.

Note: Total cost is \$33 for the briefing book and the video. Payment can be made using the LLI website or by enclosing a check payable to LLI/NOVA with your registration.

Reference: "The Foreign Policy Great Decisions 2020" book at https://www.fpa.org/great_decisions/?act=gd_about2

Dates/Time: Wed, Aug 5; Aug 12; Aug 19; Aug 26; Sep 15; Sep 22; Sep 29; Oct 6, 10:00-11:30

Location: ONLINE

Class Size: Min. 20, Max. 35

Coordinator: Nan Peck

Instructor: **CHUCK HULICK** has been a frequent instructor/presenter in previous Great Decisions classes. He holds an M.B.A. from American University and a B.S. in economics from the University of Pennsylvania. Chuck is an LLI member.

Class: 20SU23 Richard Risk's Poetry and You (ONLINE) (4 Sessions)

Join us for one of LLI's long-time favorite classes and learn how 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 7; Aug 14; Aug 21; Aug 28, 1:30-3:30 (Note time)

Location: ONLINE

Class Size: Min. 8, Max. 25

Coordinator: Marianne Moerman

Instructor: **KATHRYN O'TOOLE** currently serves on the 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 is especially fond of its poetry offerings.

Class: 20SU24 Close Looking: Exploring the Elements of Art (ONLINE) (1 Session)

Looking at art requires close examination, discussion, and thinking. Artists create with basic elements: line, shape, color, value, form, texture, and space. In this presentation we will first isolate the elements and then examine how they are unified to create effective compositions. Since this topic is incredibly broad, the focus will be on paintings. The analysis of chosen works will enable us to isolate the artist's tools, and subsequently learn new ways of looking and responding to art.

Date/Time: Mon, Aug 31, 10:00-11:30

Location: ONLINE

Class Size: Min. 10, Max. 45

Coordinator: Philippa Centini

Instructor: **SARA SHOOB** is a graduate of Boston University. She has a background in teaching and educational administration with an emphasis in history, social studies, and the arts. She currently enjoys her work as a docent at the Smithsonian American Art Museum and Renwick Gallery. Sara has presented a number of classes for LLI and loves sharing her passion for art.