

All classes are from 10:00 to 11 :30 unless otherwise indicated.

## MONDAYS

### 1. Holocaust Reflections

*June 5 and 19 at Tal/wood*

During the first session Rabbi Bruce Aft will recount some of the experiences and reactions of teen-agers he has escorted to Holocaust sites in Eastern Europe and to Israel each summer. The second session will be a discussion of the implications of the Holocaust for human understanding. Rabbi Aft is affiliated with the Congregation of Adat Reyim in Burke, Va., and has been a popular speaker at past LRI classes and special events.

### 2. Microelectronics

*June 5 and 12 at Tal/wood*

Today's microchips have millions of transistors on a piece of silicon the size of a fingernail. LRI member Ed LaClare will tell us about the ways they are used in digital computers to store data, perform calculations and conduct logic operations. These sessions should be of special interest to those who take the May 19 trip to the Microchip Fabrication Facility in Manassas as well as anyone with an interest in these modern wonders. Ed is a retired Army officer and CIA intelligence analyst with a master's degree in electrical engineering from Purdue University.

### 3. Beyond Barry Potter

*June 5, 12 and 19 at Lake Anne*

*Used Bookstore*

Explore the world of children's literature and recent trends in children's books as well as those classics you loved as a child. The presenters are LRI members Bunny Abel, Lydia Macdonald and Elaine Schwartz. One session will feature Reston children's librarian Yvette Koistrom. You will be provided with a list of suggested readings for various ages. Your grandchildren will think you are more rad than Captain Underpants (if you don't understand what that means, you'd better come to these sessions).

### 4. Fascinating Foreign Films

*1:00 p.m. June 5,12,19,26 at Johnson Center*

LRI has arranged to show four recent and vintage

foreign films. The films, free to LRI members, will be shown in the GMU theater in the Johnson Center. Close-by parking is available at the parking deck for \$1.25 per hour. Meet at 12:30 at Tallwood to carpool. The films, all of which have subtitles:



. *La Chevre* (The Goat),

a great French farce in which Gerard Depardieu and Pierre Richard travel in search of an accident-prone woman. (In French. 91 minutes)

. *Kolya*, a 1996 Oscar winner that takes a whimsical look at a bachelor and a six-year-old Russian abandoned by his mother in Prague. (In Czech. 105 minutes)

. *Buena Vista Social Club*, a Grammy award winner, featuring the recently rediscovered talents of Cuba's foremost musicians and their passion, pride and humility. (In Spanish. 105 minutes)

The fourth film will be a surprise. Call Joanne Becker (703-256-7097) if you have questions.

### 5. Panama Canal

*June 12 at Tal/wood*

Lt. Gen. D.P. McAuliffe, U.S. Army (Ret.) served in Panama as Commander in Chief of the U.S. Southern Command from 1975 to 1979 and then as administrator of the Panama Canal Commission from 1979 to 1989. With his long experience, he brings a unique background to this discussion of the transition of the canal from U.S. to Panamanian control.. He will talk about the impact on U.S. military and commercial interests and what he sees as the future for the region.

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6. The Doppler Effect

*June 19 and 26 at Tallwood*

What do the expanding universe, a carotid vascular test and police radar have in common? The answer is doppler shift. Discover how this principle is used to determine the rate of expansion of the universe, the existence of black holes, the amount of blockage to blood flow in an artery and the speed of a vehicle on the highway. Ed LaClare (see course number 2) will tailor his explanation of this important scientific principle to the layperson with curiosity.

7. T'ai Chi for Healthy Bodies, Calm Minds

*June 5,12,19 and 26 at 1:00*

*at Reston/Herndon Senior Center*

This exercise class uses ancient Chinese techniques often characterized as "meditation in motion." The emphasis is on balance, posture, breathing, concentration and relaxation, but you will also learn about the history and philosophy of T'ai Chi. Wear comfortable shoes and clothing. Class limit is 15. The teacher is Michelle Carlson, who started studying T' ai Chi five years ago. She is a graduate of the University of Chicago and taught in elementary schools for 30 years and in adult ed programs.

## TUESDAYS

8. Five by Shaw

*June 6, 13, 20 and 27 at Tallwood*

If you haven't taken one of Paula Schwartz's courses at LRI, you've missed a real treat. This term she is discussing plays by that most obstreperous, politically incorrect, original and startling contrarian, George Bernard Shaw. The class will read and discuss *Pygmalion*, *Major Barbara*, *Arms and the Man*, *Candida* and *Man and Superman*. All are available at Fairfax County libraries. If you want your own copies, two paperbacks are all you need. The first two plays are in a Bantam Classic, the rest are in a Signet Classic, *Plays by George Bernard Shaw*. Class members should read *Pygmalion* before the first class. A novel by Paula, *Miscalculations*, has just been published under the pseudonym Elizabeth Mansfield

9. Is the U.S. Trade Deficit Sustainable?

*June 6 at Tallwood*

Dr. Catherine L. Mann, Senior Fellow at the Institute for International Economics, recently completed a book with the same title as this lecture. She answers this question as well as other perennial questions about global integration and the U.S. economy: How does trade affect American

workers? What is the relationship between globalization and productivity growth? Is the external deficit caused by unfair trade practices? Do international capital markets determine a country's trade balance?

10. Poetry Workshop

*June 6, 13, 20 and 27 at Tallwood*

Attention aspiring poets of all persuasions: The Poets of Tallwood urge you to keep writing this summer and invite you to join them in their weekly workshops in June for friendly critiques of works in progress or finished poems. Your



unique views on any subjects are welcome with equal regard for serious or humorous poems, either in forms or in blank and free verse or in experimental efforts. The workshop has published two volumes of original poetry and is contemplating a third. The group has presented four annual poetry readings at LRI. Some members have won prizes in poetry competitions and have had poems selected for inclusion in a yearly regional anthology and other publications. Class

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limit is 20. Barbara Achilles, a published poet and a member of this LRI workshop for ten years, will lead the group again this term.

11. Forgotten Dranesville

*June 6 at Lake Anne*

Just a crossroads on Rte. 7 today, Dranesville enjoyed unusual prominence before and during the Civil War as a vital turnpike connection between Leesburg, Georgetown and Alexandria. Dranesville saw a minor Union victory in the dark December of 1861, the imprisonment of local citizens as traitors and murderers, frenzied family efforts to free them, bitter conflict between local loyalists and rebels, the passing of armies en route to the battles of Antietam and Gettysburg, and audacious exploits by Mosby's Raiders and Jeb Stuart's cavalry. LRI member Bob Webb will present a mapboard discussion and then lead a brief car-pool visit to the site.

12. Madagascar: Paradise Almost Lost

*June 6 at Lake Anne*

Madagascar is an island with a large diversity of plants and animals found nowhere else in the world. Dr. Carl Gallegos will discuss efforts to preserve the land and habitats in recently established parks and to conserve the biodiversity and natural resources of the country. Dr. Gallegos is with USAID, where he is the Africa Bureau Environmental Officer and Deputy Director for the Agriculture, Natural Resources and Rural Enterprise Division.

13. Deforestation and Flooding

*June 13 at Lake Anne*

Deforestation in the developing countries of the tropics has caused not only the destruction of habitats and threatened the existence of many plant and animal species but has also resulted in massive flooding and destructive landslides and erosion. Dr. Gallegos (see above) will discuss these problems, based on recent disasters in Central America, Venezuela, Mozambique and southern Africa.

14. Lost Civilizations

*June 13 at Tal/wood*

Joel Westbrook, president of Alexandria Productions, will talk about the making of his ten-part *Lost Civilizations*, a Time-Life video documentary that won an Emmy award in the Outstanding Informational Series category. The series explores ten of the greatest civilizations over the last 6,000 years. The 300-member crew was on location in 20 countries, many in out-of-the-way places rarely visited. Mr. Westbrook has made a six-hour documentary titled *The Glory That Was Rome*, which was shown recently on the Learning Channel. He will discuss many aspects of planning and conducting onsite work for his series.

15. Southeast Asian Americans

*June 13 at Lake Anne*

This year marks the 25th anniversary of the start of the exodus from Vietnam, Cambodia and Laos. Since 1975, well over a million refugees have resettled in towns and cities throughout the United States, including large numbers who now make Virginia their home. We will learn how successful and unsuccessful Southeast Asians have been in integrating into mainstream American society. The speaker will be Valerie Sutter, project manager for SEARAC's "Successful New Americans Project" (SNAP). She was for many years a university faculty member and administrator whose areas of teaching and research included refugee issues, multiculturalism and comparative and international education. Most recently, she served as a legislative aide in the Virginia General Assembly. She has a Ph.D. from the University of Virginia and is the author of *The Indochina Refugee Dilemma*.

16. My Shakespeare

*June 20 at Lake Anne*

As a prisoner in a Chinese labor camp, Dr. Ningkun Wu re-read *Hamlet* and experienced a new depth of meaning that had not been

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revealed to him at first study. Dr. Wu will explain what Shakespeare has meant to him personally over the years, recounting the story of his rekindled love of Shakespeare and the unusual circumstances that brought him to rediscover the works of the Bard. Dr. Wu is Professor Emeritus of English from Beijing and author of *A Single Tear: A Family's Persecution, Love and Endurance in Communist China*.

#### 17. The Basics of Buddhism

*June 20 at Lake Anne*

Whether you consider Buddhism a religion or a secular guide for living, it has much to offer us here and now. Mel Harkrader Pine, a writer, editor and corporate communications consultant, will discuss the basic tenets of Buddhism, along with a



brief account of the Buddha's life and a cookie meditation. Mr. Pine is president of the Unitarian Universalist Church in Reston, where he leads a weekly meditation group, and he is a student of Buddhist teachers Thich Nhat Hanh and Anh-Huong Nguyen. His Bud

dhist dharma name is Nectar of Compassion of the Source.

#### 18. Mercy Mission in Kosovo

*June 27 at Tallwood*

Debbie Tritle was a program consultant for Food for the Hungry in Kosovo. She will give us an overall view of the effects of the war in Kosovo on the land and people and describe the humanitarian efforts made to help the people rebuild and to stabilize the governing body. She has intriguing personal stories to tell.

#### 19. The Future of Weather Forecasting

*June 27 at Lake Anne*



Learn more about the history of weather forecasting, how it ... is done currently and what

technological advances are expected to provide ever more precise tools for accurate forecasts. The lecture will be presented by LRI member Charles Bristol, who had 37 years' experience in weather-related positions with the federal government. He has a master's degree in meteorology from MIT and received advanced training in numerical weather prediction at the University of Chicago.

#### 20. U.S. Geological Survey Tour

*June 27 at USGS*

The U.S. Geological Survey is the nation's largest water, earth and biological science, and civilian mapping agency. Together with other organizations, the USGS provides information used to minimize the loss of life and property from natural disasters, safeguard natural resources and enhance the quality of life through the careful monitoring of water, biological, energy and mineral resources. On this tour we will learn about materials and instruments used, participate in scientific experiments in the Hands-On Room, and have a guided tour of the agency's most popular attraction, the map printing plant. (This involves quite a bit of walking, but no stairs. ) We will meet at the Visitors Center on June 27 at 10:00. Directions will be included with your confirmation letter. Ample parking is available. You must bring a photo ID.

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## WEDNESDAYS

### 21. Education in Our Midst

*June 7 at Tal/wood*

The special guest for this lecture is Dr. Belle S. Wheelan, the new President of Northern Virginia Community College, the second largest multicampus community college in the nation. Dr. Wheelan will speak from an eclectic range of educational experiences. She will give an overview of how NOVA and target programs senior citizens thrive on as well as the role seniors play in college life. Dr. Wheelan's delivery is a sure-fire bet to provide fun and knowledge for us all.

### 22. Investment Forum

*June 7, 14, 21 and 28 at Tal/wood Also  
July 19 and 26, August 2, 9, 16, 23  
and 30, and September 6 and 13*

This ongoing investment discussion group will meet throughout the summer except on July 5 and 12, when the office is closed. As usual, the primary focus is on individual stocks. Other topics may be chosen from the entire field of investing. Sessions typically include both prepared presentations by members and extemporaneous discussion. Member participation is encouraged. Opinions expressed are strictly those of the members and do not represent endorsement by LRI. Thomas Crooker and Fred Bogar will again moderate the sessions. Both have a long-time interest in investment subjects.

### 23. The Life and Times of Herod the Great

*June 14 and 21 at Tal/wood*

This course deals with the time span from the death of Alexander the Great in 323 B.C. to the fall of Masada in 73 AD., during which Herod, the king of Judea and friend of Rome, was one of the more significant players in the drama of the Middle East. During the reign of this cruel and ruthless monarch, palace intrigues and assassinations were commonplace, but he also

outdid Rome in the construction of harbors, aqueducts, cities and fortresses. He enlarged and refurbished the Great Temple in Jerusalem. He had dealings with Mark Anthony, Cleopatra, Salome, several Caesars and the Roman Senate. Presenting the course will be LRI member Ray Solomon, who has studied biblical and Mayan archeology for 21 years.

### 24. Face the Artist

*June 7, 14, 21 and 28, 1:30 -3, at various sites*

Visit the studios of local Reston area artists. Learn how they work and what inspires them. We will visit the studio of Peter Ball, an LRI painting instructor, who will show us his studio and discuss his techniques. We will visit Lydia Macdonald's home to see her collection and hear art historian Louise Yale discuss the paintings, some done by Lydia's grandfather. At the third session, we will meet at the Arts Alliance Studio at Heron House in Lake Anne and see the work of several artists. The final session will be a surprise event. Class members will receive directions and the names and addresses of other class members so car-pooling can be arranged.



### 25. The Changing *Washington Post*

*June 14 at Lake Anne*

The revolution in communications is drastically changing the way we receive information and may one day doom the traditional newspaper and threaten the press's role as an independent observer, chronicler and watchdog. The transition from front-porch delivery to online delivery and the emergence of strange bedfellows in the news business will be discussed by Bob Webb, whose 32 years as an editor at the *Post* encompassed every story from Apollo to Watergate.



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26. So You Want to Make a Map

*June 21 at Lake Anne*

Ever wondered how topographic maps get made? You can find out in this session presented by Charlie Morrison, who spent his career as a cartographer and international program manager for the U.S. Geological Survey in both office and field work throughout the eastern U.S. and on foreign assignments. He and his family lived in more than 30 locations from the Everglades to the vast forests of northern Maine. He has slides and intriguing stories about his adventures with moonshiners, alligators, helicopters and moose.

austral summers (October through March). He will tell us about the problems positioning the South Pole, tracking satellites and living with penguins. His slides of the spectacular "Dry Valleys" and the ice-breaking activities will be a special treat.

27. Taking Good Pictures

*June 21 at Tallwood*

A father and son team, Saed Tariverdi and Eldar Tariverdi, will give us professional tips on getting good photos. They will compare different types of experienced nurse ITom the cardiac surgery team film, make suggestions on will guide the group through the surgery. You must be at the hospital no later than 7:20 a.m. Other subjects they expect are registered. Limit: 20. to cover are cropping and mounting, slides vs. prints, and traditional vs. digital cameras. The elder Tariverdi has been in the retail camera and processing business for 23 years. His son, a graduate of GMU, has been in the family business since he was 10 years old.



29. Watch Open Heart Surgery

*June 28 at Fairfax Hospital, 7:20-11:00 a.m.*

Have you ever wondered exactly how open heart surgery is performed? This visit to the Inova Heart Center Surgery Observation Dome will allow you to view heart surgery above the surgical suite and see close-up views of the surgery through closed circuit TV. You will learn about the roles of the surgery team, have an opportunity to handle instruments and supplies used in coronary artery bypass graft surgery and be able to ask questions about heart disease and risk factors. An experienced nurse ITom the cardiac surgery team will guide the group through the surgery. You must be at the hospital no later than 7:20 a.m. Further instructions will be mailed to those who out. registered. Limit: 20.

30. Japanese Flower Arranging

*June 28 at Tallwood*

Toku M. Sugiyama will lecture and demonstrate the principles of the Sogetsu school of Japanese flower arranging, creating six examples. During her 25 years as the executive director of Sogetsu U.S.A., she established 45 branches throughout the U.S. and in Bermuda and Canada. Her demonstrations will illustrate her belief that anyone, using any receptacle that suits the environment, can create a pleasing design.

28. Ice Is Nice Even Two Miles Thick

*June 28 at Lake Anne* At this session,

Charlie Morrison will relate his experiences mapping Antarctica during four

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## THURSDAYS

### 31. The Human Needs That Cities Fill

*June 8 and 15 at Tal/wood*

These presentations focus on a theory concerning usual instrumental combinations. This is the third what human needs cities should meet and have met time she has offered this class at LRI, drawing on or failed to meet in the past. The lectures by LR1 her extensive musical background.

member Jack Underhill will be augmented by slides

he took in North America, Europe, Soviet Union, 35. National Museum of the American Indian

Japan, China, Egypt and the Middle East. Jack

*June 15 at Tal/wood*

spent 33 years at the U.S. Department of Housing and Urban Development and has written books on National Museum of the American Indian (NMAI), French and Russian new towns and edited publications on planning and management of new towns.

seum in 2002. The museum will be the center for ceremonies, performances, educational services and exhibits of Indian arts and culture. Ms.

### 32. Understanding Secular Humanism

*June 8 at Tal/wood*

Lois Porter, one of the founders of the Washington Area Secular Humanists (WASH) and its current president, will lead a discussion about this often misunderstood concept. She will tackle such questions as what secular humanism is and how it got started. Has it played a role in the so-called moral decline of the American family and community life? Can one live an ethical life without religion? You'll have a chance to express your views.

Sandoval, a Chumash Indian and Acting Assistant Director for Community Services at NMAI, will show slides of items in the permanent collection and of the architecture of the museum.

### 33. Mapping From Space

*June 8 at Tal/wood*

One of the challenges of our global society is to assess and monitor the changing conditions of the Earth's surface to produce basic maps and to evaluate changes. Increasingly, this information is acquired using satellite systems via the science of remote sensing. This presentation by Professor Barry Haack of the GMU Department of Geography will include a description of the various satellite systems and examples of the type of imagery or data they provide as well as their applications.

### 36. The Automobile: Back to Ford

*June 22 at Tal/wood*

LR1 member Bill Deary will take us back in time as he discusses how Henry Ford left his mark on the 20th century with the mass production of the Model T. Ford's unique views on marketing the automobile had profound effects in the development of transportation. Charles Manns will bring some antique cars for us to see.

### 34. The Simple Pleasures of Music

*June 8, 15, 22 and 29 at Lake Anne*

Gloria Sussman will again lead the class in listening to a variety of recorded performances and dis-

### 37. Birding by Sight and Sound

*June 22 at Roosevelt Island, 8:00 a.m.*

This bird walk on Roosevelt Island near Key Bridge is for beginning and intermediate birders but also for non-birders who love the joys of nature. All will find that bird watching is rewarding even within the District of Columbia.

The walk will be about a mile and a half. The leader is Bill Dobbins, one of the leading birders in D.C., having identified 250 species of birds there. He is a



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retired professor of medicine at the University of Michigan. Participants should meet in the parking lot for Roosevelt Island at the pedestrian bridge. Bring binoculars. Class limit: 20.

38. The Balkans: Perennial Trouble Spot

*June 29 at Tal/wood*

By intervening with military force in the Balkans conflicts beginning in 1995, the United States followed the path of other great powers, all of which came to grief in the region. The Ottoman Empire collapsed there in 1912; the Austro-Hungarian Empire in 1918. Fascist Italy and Nazi Germany had costly misadventures in World War n and the crumbling of the Soviet Empire started with the loss of Yugoslavia in 1948. It is too early to say how the United States will conclude its involvement in the Balkans, but the record of the past is an ominous portent. Exploring these subjects for

us will be David Binder, who was on the Washington Bureau staff of the *New York Times* from 1973 to 1996 and now works for the *Times* on contract, specializing in coverage of Central and Eastern European affairs.

39. *Don Giovanni*

*June 29 at Tallwood*

Whether you are a newcomer to opera or a confirmed opera buff, you will enjoy this learning experience as we listen to selections from *Don Giovanni*. Combining the legend of Don Juan and the music of Mozart, this opera has widespread appeal. LRI member Helene Layman will help us look at the score, examine the source of the story and add to our knowledge of opera terminology. Helene studied voice in San Francisco and New York, was a professional opera singer for 12 years, and has taught music and languages.