

# ALRI

*Spring 2011  
Course Catalog*



Arlington Learning in Retirement Institute  
Arlington, VA

**FINE  
ARTS**

**THEATER  
&  
MUSIC**

**LAW,  
POLITICS  
& PUBLIC  
AFFAIRS**

**HEALTH  
&  
WELLNESS**

**HISTORY**

**SOCIAL  
SCIENCES**

**LITERATURE  
&  
WRITING**

**SCIENCE**

**TECHNOLOGY**

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Elderhostel Institute Network**

# ALRI

*“Connecting . . . People, Community, and Knowledge”*



## *Spring 2011 Course Catalog*

### **Arlington Learning in Retirement Institute**

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A special **Thank You** to all who worked on the Spring 2011 catalog.

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# SPRING 2011 COURSE OFFERINGS

Category	Course #	Course Short Name	Instructor	Day	Dates	Start Time	End Time	Site
<b>Fine Arts, Theater &amp; Music</b>	123	American Painting Since 1750	Schnorrenberg	M	Mar 14 - May 2	10:30 AM	12:00 PM	GMU
	133	The Educated Theater Audience	Ohlandt	M	Mar 7 - Apr 18	10:00 AM	11:30 AM	FCC
	134	American Popular Songs	Mosser	F	Mar 11 - May 6	12:00 PM	1:30 PM	CEC
	135	Gilbert & Sullivan	Stepanchuk	M	Mar 14 - Apr 11	11:30 AM	1:00 PM	GMU
	136	Another Set of Hands	Niles	W	Mar 9 - Apr 13	1:00 PM	2:30 PM	CEC
<b>Health &amp; Wellness</b>	202	Estate Planning	Parks	Tu	Apr 26 - May 17	1:00 PM	2:30 PM	MU
	224	21st Century Medicine	Connally	W	Mar 9 - Apr 27	9:30 AM	11:00 AM	GMU
<b>History</b>	303	Carthage & North Africa	Wukitsch	F	Mar 11 - May 13	12:30 PM	2:30 PM	GMU
	305	Arlington History	VanNewkirk	Th	Apr 7 - May 19	3:00 PM	4:30 PM	Off-site
	307	Foods from the Americas	Weinstein	M	Apr 4 - May 16	1:30 PM	3:00 PM	CEC
	315	The Gettysburg Campaign	Stone	Th	Mar 10 - May 12	1:00 PM	2:30 PM	CEC
	327	Geopolitics of the Ancient Middle East	Rudgers	W	Apr 6 - May 11	1:30 PM	3:00 PM	AH
333	History of Globalization	Stearns	W	Apr 6 - Apr 27	10:30 AM	12:00 PM	GMU	
<b>Law, Politics &amp; Public Affairs</b>	402	The Bill of Rights	Weinberg	Th	Mar 10 - Apr 7	3:00 PM	4:30 PM	CEC
	412	Hot Spots	Various Instructors	Th	Mar 17 - May 12	10:00 AM	11:30 AM	GMU
	414	The United States Congress	Barton	Tu	Mar 15 - Apr 19	1:00 PM	2:30 PM	GMU
	421	Making the Federal Budget	Various Instructors	Th	Mar 24 - May 5	10:30 AM	12:00 PM	GMU
	425	African Conflicts	Aapengnuo	F	Mar 11 - Apr 8	10:00 AM	11:30 AM	GMU
<b>Literature &amp; Writing</b>	515	Writing About Your Life	Bottum	W	Mar 16 - Apr 20	10:00 AM	12:00 PM	WETA
	521	Outside/Inside	Alter	F	Apr 15 - May 20	1:30 PM	3:00 PM	GMU
	535	Religion in Literature	Burns	M	Mar 14 - May 2	10:00 AM	11:30 AM	GMU
<b>Science &amp; Technology</b>	603	A Naturalist's Tour	Ogle	W	Apr 13 - May 18	1:30 PM	3:30 PM	Off-site
	611	Env Sustainable Gardening	Buhls	Tu	Mar 15 - May 3	1:30 PM	3:30 PM	FCC
	617	Neurobiotechnology	Giordano	M	Apr 18 - May 23	3:00 PM	5:00 PM	PI
	621	Photographing the Cold War	Cochran	F	Apr 22 - May 13	10:00 AM	11:30 AM	GMU
	622	Large Hadron Collider	Metzler	F	Mar 11 - Apr 8	10:00 AM	11:30 AM	GMU
	623	Genomics	Welch	Tu	Mar 8 - Apr 12	9:30 AM	11:30 AM	GMU
<b>Social Sciences</b>	703	The Washington Post	Various Instructors	Tu	Mar 8 - Apr 26	10:00 AM	11:30 AM	GMU
	714	Contemporary Islam	Farsakh	Tu	Mar 15 - Apr 19	10:30 AM	12:30 PM	GMU
	717	Pilgrimage	Pederson	W	Mar 9 - May 4	1:30 PM	3:00 PM	CEC
	724	Introduction to Kant	Scherer	Tu	Mar 29 - May 3	10:30 AM	12:00 PM	GMU
	726	Government Ethics	Sheehan	Th	Apr 28 - May 19	1:00 PM	2:30 PM	CEC
	731	The Post-Carbon Era	Whipple	W	Mar 9 - Apr 27	11:30 AM	1:00 PM	MU

# GENERAL INFORMATION

## WHAT IS ALRI?

The Arlington Learning in Retirement Institute (ALRI) is a 501(c)(3) nonprofit organization offering a wide variety of college-level noncredit courses, lectures, special events and activities to help meet the continuing educational and social interests of anyone over age 50, regardless of residence location. ALRI is governed, supported and financed by its members.



Our volunteer instructors — retired or working professionals — create a stimulating learning environment through an exciting array of subjects. No tests, no prerequisites, possibly some required reading. Members explore new ideas and develop new friendships inside and outside of classrooms.

ALRI obtains classroom space and other assistance through its association with George Mason University, Marymount University, the Arlington Public Schools Adult Education Program, Arlington County's Senior Adult Program, Sunrise Senior Living at the Jefferson, and WETA. It is also affiliated with The Elderhostel Institute Network.

## VOLUNTEERING AT ALRI

One of the most amazing aspects of ALRI is the amount of work accomplished by its volunteers. Volunteer work in ALRI is performed in two ways: through standing committees, each of which is headed by a board member (also a volunteer); and through individual activities, e.g., instructors, class aides and the office management staff. Committee volunteers recruit new instructors and develop courses each semester; seek exhibits, speakers and performances for our special event offerings; write, edit, mail and distribute our publications; recruit new members; set up ALRI functions; recruit, train and support our class aides; and manage the Institute through the volunteer Board of Directors. Class aides provide a valuable interface between instructors, class members and the ALRI Administrator. The office management staff work closely with the Executive Director and Administrator to serve our membership. Volunteer-run committees and other volunteer activities are our lifeblood, but for the most part do not require extensive time

commitments. Consider offering your talents today. See page 34.

## BECOMING A 'FRIEND OF ALRI'

Members, friends and organizations can support ALRI with financial gifts. All contributions will go toward building a solid underpinning for the Institute. These funds help ALRI acquire classroom equipment and may help acquire space in the future. Because ALRI is a nonprofit 501(c)(3) organization, any donation is a charitable contribution deductible from income taxes to the full extent permitted by law.

ALRI also has a scholarship fund for graduates of Arlington Public Schools attending George Mason University or Marymount University. Tax-deductible contributions may be made by check payable to ALRI with a notation that it is for the Arlington Community Foundation (ACF) scholarship fund.

## ALRI ACTIVITIES

### SEMESTER-LONG COURSES

Classes are scheduled Monday through Friday, between 9 AM and 5 PM. Classes meet once a week from 1.5 to 2 hours, and each course lasts from 4 to 10 weeks. Class sizes generally range from 8 to 25 although some classes may be larger. Courses take place at several Arlington locations, as listed in the back of this catalog. Refer to the maps and locations there for transportation and parking options.

### COURSE PREVIEW

ALRI's course preview offers you an opportunity to hear the instructors describe their courses before you register and to socialize with other members while



you enjoy coffee and snacks. Nonmembers with a possible interest in joining are invited. See page 32 for more information.

### ***SPECIAL EVENTS***

Special events for ALRI members throughout the year include tours, lectures, concerts and other activities. They offer opportunities to join in small-group excursions and to expand intellectual and cultural experiences in the DC area. Email announcements are issued periodically with special events scheduling information. See page 33 for more information.

For the most up-to-date information and to register for member-only events, go to the ALRI website: [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org).

### ***CLUBS***

ALRI encourages establishing educational and social clubs within the organization as a means of promoting lifelong learning and personal growth. Club membership is open to all ALRI members in good standing. There are currently seven active clubs: Breakfast, Bridge, Book, Cinema, Current Issues, Ethnic Lunch and Travel. More information is on page 35 and at the ALRI website, [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org).

### **ANNUAL MEMBERSHIP MEETING**

ALRI holds an annual membership meeting, typically in June, to elect Board members from a slate of candidates prepared by the annual Nominating Committee and to discuss future courses and events.

### **ALRI MEMBERSHIP**

ALRI membership is \$55 per year, beginning the first month in which the dues are paid. The membership fee is nonrefundable. All memberships are individual; each family member must join separately. ALRI is a nonprofit 501(c)(3) organization. The membership fee is a charitable contribution deductible from income taxes to the full extent permitted by law. Only ALRI members may register for a course, special event, or club.

ALRI encourages the use of its website for online membership processing. See page 30. For those who prefer to mail in or hand deliver their checks or

credit card payments, a printable Membership/Registration Form is available on our website and on page 29 of this catalog.

### **COURSE REGISTRATION PROCEDURES**

Only ALRI members may register for a course. The fee for each course is \$45. See page 30 for information on using the online registration process. Unless registering online, the membership/registration form accompanied by check or credit card information should be mailed or delivered to the address on the form. No phone registrations are accepted.

Course registration for the Spring 2011 semester is available online beginning at **10 AM on February 7**. Paper course registration forms received prior to February 7 are processed in random order beginning at 10 AM on February 7. Thereafter, paper registration forms are processed in the order received. Late registration may be possible with the permission of the instructor. Waiting lists for courses are not maintained. Up-to-the-minute course registration levels are posted on the Course Availability page on the ALRI website: [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org).

### **NOTIFICATION AND REFUNDS**

#### ***NOTIFICATION***

Members who use the online registration process for courses receive an immediate confirmation message on the payment screen, along with a confirming email notification. Registration acceptance letters will be sent to those who mail or deliver their course registrations.

#### ***REFUNDS AND TRANSFERS***

The course fee for any oversubscribed or otherwise closed course or for a course for which ALRI makes a schedule or location change that prevents or limits the student's attendance will be refunded in full or applied to an alternate course at the member's option.

Members desiring to withdraw from a course may enroll in an alternate course in which there is an opening or receive a full refund of the course fee if a written request (mail or email) is received by ALRI at least one week before the course begins. For withdrawal requests received after this time, but within two work-

ing days after the first class meeting of the course, the member may apply the course fee to an alternate unfilled course or have it refunded, minus a \$10 service charge.

If withdrawals from a class that occur after the class has begun result in fewer than 8 participants, the class may be cancelled.

## INCLEMENT WEATHER POLICY AND OTHER SPECIAL CLOSINGS

Cancellation policies related to inclement weather or civil emergencies vary from site to site. In general, classes scheduled to begin after delayed openings will take place as scheduled. Your class aide can provide further information at the outset of each course. To learn the most up-to-date information:

- Listen to the radio or watch television
- View Arlington Cable
- Go to [www.apsva.us](http://www.apsva.us)
- Call the APS toll-free hotline: 1-866-322-4APS (277)
- Call GMU at 703-993-1000 or access [www.gmu.edu](http://www.gmu.edu)

Other rare cancellations or postponements because of special circumstances, such as instructor difficulties, will be announced by email (and telephone if necessary) in advance of the class.

## ADA COMPLIANT FACILITIES

All ALRI sites have facilities that meet ADA standards. If a member experiences disability-related difficulties in class participation or has other concerns, he or she should contact the class aide or call ALRI.

## VISITOR POLICY

Visitors who meet ALRI's membership requirements will be allowed to attend a single course session if the requests meet the following criteria:

- The visitor is not already a member of ALRI;
- The course is not fully subscribed;
- The instructor agrees; and
- The request is made in advance to the ALRI Administrator.

## DISCRIMINATION & ACADEMIC FREEDOM

In membership, employment, and its educational programs or activities, the Arlington Learning in Retirement Institute does not discriminate on the basis of

age, sex, race, color, religion, disability, or national origin. As a learning organization, ALRI subscribes to the American Association of University Professors (AAUP) principle of academic freedom: All views should be respected, regardless of their conformance with generally, or currently, accepted views.

## PRIVACY POLICY

The Arlington Learning in Retirement Institute (ALRI) is committed to protecting member privacy and to ensuring the security of personal information collected. ALRI does not sell or lend out member information. A complete ALRI Privacy Policy Statement is available from the ALRI Administrator and on the ALRI website at [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org).

***While strictly adhering to this policy, ALRI does urge all members to provide email addresses for internal use. The email addresses in the ALRI database are especially valuable for communicating last-minute scheduling changes, as well as special event announcements. Members are urged to keep ALRI's administration informed when their email addresses or phone numbers change.***

***Members can update their own contact information, including email address, using the Online Transactions/Edit Membership Record function on the ALRI website.***



*ALRI maintains an office in room 306 at the Clarendon Education Center (CEC). Executive Director Marjorie Varner (left) has an office at George Mason University's Arlington Campus. Administrator Donna Banks (right) works at the CEC office. Both can be reached by email at [ALRI@ArlingtonLRI.org](mailto:ALRI@ArlingtonLRI.org) or by calling 703-228-2144. During the academic year, the CEC office is staffed from 10 AM to 3 PM Monday through Thursday. Summer hours are posted on the ALRI website.*



## Fine Arts, Theater & Music

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### 123 – American Painting Since 1750

Instructor: John Schnorrenberg

**Mondays, 10:30AM - 12:00PM**

**March 14 - May 2**

**Location: GMU**

**8 Sessions**

**Maximum 50, minimum 8 participants**

In this course we will explore the creative lives of about twenty American painters active from 1750 to the present, as revealed by their major works. Emphasis will be placed on J.S. Copley, Thomas Cole, Winslow Homer, Thomas Eakins, J.S. Sargent, Edward Hopper, Georgia O'Keefe, Jackson Pollock and Andy Warhol. We will define what is uniquely American in American art by examining how these artists chose and represented their subjects and how they used the methods and techniques of drawing and painting in their designs. Finally, we will trace the development and eventual rejection of American non-representational art.

*Recommended Reading:* Wayne Craven, *American Art: History and Culture*, rev., 1st ed. (Boston: McGraw Hill, 2003). Used copies available from Amazon.com.

*Field Trip:* Following the course, a field trip to Washington museums to view some of the works studied may be arranged for a minimum of ten students. Students will be responsible for transport and entry costs.

**John M. Schnorrenberg, PhD**, is Professor Emeritus of Art History at the University of Alabama at Birmingham. He taught art history there, at the University of North Carolina, Chapel Hill and also at Columbia University. Since his retirement in 2002 he has taught a course each year for ALRI.

### 133 – The Educated Theater Audience: Informed Appreciation of the Edward Albee Festival at Arena Stage

Instructor: D. Ohlandt

**Mondays, 10:00AM - 11:30AM**

**March 7 - April 18**

**Location: FCC**

**7 Sessions**

**Maximum 25, minimum 8 participants**

Do you enjoy an evening at the theater but want to know more about what you are seeing? Have you ever wondered if knowing about a playwright's life, style and work would help you appreciate his or her best-known plays? In this "special edition" of the ALRI course "The Educated Audience," we will take an in-depth look at a giant of American theater, the playwright Edward Albee. This spring's Edward Albee Festival at Arena Stage will offer an unprecedented opportunity to experience all of Albee's plays in performance.

The first session of the course will be a general introduction to Albee and his role in American drama. Over the next six weeks, we will read Albee's plays and explore them from a literary, dramatic and biographical point of view. At the same time we will see them performed in free staged readings by various DC-area companies at the Mead Center (Arena Stage) in southwest DC. After we see each production we will come back together to explore what we saw, considering performance style, technique and interpretive choices. Discussions will be facilitated by an instructor trained in theater history and dramatic literature, who is producing the Edward Albee Festival for Arena Stage.

This course requires attendance at the selected staged readings, most of which will take place on Monday evenings at 7:30 pm. In addition, you will need to buy your own tickets to the visiting Steppenwolf Theatre Company production of *Who's Afraid of Virginia Woolf?* This course is particularly suitable for people who have taken "The Educated Audience" before, but it will also be appropriate for students new to

# Fine Arts, Theater & Music

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the instructor and the material.

**Assigned Readings:** The plays of Edward Albee – specific plays will be determined based on the Festival schedule.

**Field Trips:** Monday evenings to the free staged readings at Arena Stage and occasional other performances.

**D. Ohlandt** holds a PhD in Theatre Studies from the University of Michigan and has experience teaching theater history and practice as a college professor, as well as over 15 years of experience directing in community, university and regional theater. She has taught preschoolers through adults in a range of settings, including traditional classrooms, summer camps and outdoor teambuilding courses, as well as at ALRI. Currently she is producing the Edward Albee Festival for Arena Stage at the Mead Center for American Theater.

## 134 – Discussions of Singers' Renditions of American Popular Songs

**Instructor: Ted Mosser**

**Fridays, 12:00 - 1:30PM**  
**March 11 - May 6 (No class April 22)**  
**Location: CEC**  
**8 Sessions**  
**Maximum 25, minimum 8 participants**

Do you have a love for classic American popular songs? Do names like Gershwin and Porter and Sinatra and Fitzgerald mean something special to you? Would you like to listen to some of their songs and discuss them with others? If so, then you'll enjoy this course. It will offer a broad sampling of some of the all-time classics and other songs, allowing ample opportunity for class participation.

The course will focus on popular, critically acclaimed recordings reflecting the beauty and power of music and language. Some less familiar recordings will also be included in hopes of generating enthusiasm and provoking dynamic discussions.

For each class meeting the instructor will briefly introduce each song, based mostly on his own experiences, with some discussion related to music theory, though knowledge of theory is not essential for participants. After each recording is played there will be time for open discussion.

During the first six meetings the focus will be primarily on popular songs, jazz-influenced songs and show tunes. For the last two classes the instructor will offer an option: listen to and discuss still more songs from these musical genres, listen to and discuss songs from other genres such as country, folk, and soft rock, or bring in your own favorite songs for the class to listen to and discuss.

**Recommended Reading:** Henry Pleasants, *The Great American Popular Singers*.

**Ted Mosser** has been an English and popular arts teacher for most of his adult life. He was also a jazz and show tunes DJ for several years on a public radio station in Asheville, North Carolina, where he selected music for broadcasting on his programs. His lifelong love for American popular songs continues—and has provided the foundation for this course.



# Fine Arts, Theater & Music

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## 135 – The Immortal Savoyards: Major Operettas of Gilbert and Sullivan

Instructor: John Stepanchuk

**Mondays, 11:30AM - 1:00PM**  
**March 14 - April 11**  
**Location: GMU**  
**5 Sessions**  
**Maximum 50, minimum 8 participants**

Are you delighted by the music of Gilbert and Sullivan? The masterpieces of W.S. Gilbert and Sir Arthur Sullivan set the standards for British and American musical comedy. Gilbert's genius for rhythm and rhyme combined with Sullivan's sparkling vocal melodies have never been surpassed.

The course will present film/CD segments of four of their most beloved works: *H.M.S. Pinafore*, *The Pirates of Penzance*, *Iolanthe* and *The Mikado*. In addition to savoring the delectable lyrics and colorful burlesque, students will explore the social and historical context of these operettas, which provided mordant satire on every aspect of British civilization (the courts, the Parliament, the Queen's Navy) -- not to mention things foreign in the distant town of Titipu.

The course will include *Topsy-Turvy* (1999), a meticulously researched film nominated for four Academy Awards, which tells the story of the team of Gilbert and Sullivan, taking us back to Victorian England.

**Assigned Readings:** Instructor will prepare handouts with G&S lyrics, operetta plots and other relevant information.

**John Stepanchuk** is a retired foreign service officer who sang with church choirs and other choral groups in Russia, Ukraine and Greece. While pursuing his political science and economics studies at Johns Hopkins (MA) and Boston University (BA), he performed in local theater productions of *H.M.S. Pinafore* and *The Mikado*. This course is based on his lifelong interest and delight in the operettas of Gilbert and Sullivan.



## 136 – Another Set of Hands: Operas Created or Modified by More Than One Composer

Instructor: John Edward Niles

**Wednesdays, 1:00 - 2:30PM**  
**March 9 - April 13**  
**Location: CEC**  
**6 Sessions**  
**Maximum 25, minimum 8 participants**

Throughout the history of opera, works have been created that involved the efforts of more than one composer. In some cases, collaboration was deliberate. In others, modifications were made to operas long after their original production. In this course, we will study examples of these operas, still performed today, written by composers such as Mozart, Carl Maria Von Weber, Alban Berg, Charles Gounod and Ferruccio Busoni. Particular emphasis will be given to *La Colombe*, a 19th century opera by Gounod which will be performed by the Aurora Opera Theater in the spring of 2011. The "other set of hands" in this case belonged to the 20th century French composer, Francis Poulenc.

**John Edward Niles** is Music Director and Conductor of the Aurora Opera Theater, Musical Director of Colvan Productions, Inc. USA, and Program Director of the Evelyn Lear and Thomas Stewart Emerging Singers Program of the Wagner Society of Washington, DC. From 1987 to 1998, he worked with European-American productions in Hannover, Germany. He also has conducted at the Prague Eurofest, ScanMus in Helsinki, WorldMusic, Inc. in Linz, Austria and at the Virginia Opera.

# Health & Wellness

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## 202 – Estate Planning: Basics and Beyond

Instructor: Sarah Parks

**Tuesdays, 1:00 - 2:30PM**  
**April 26 - May 17**  
**Location: MU**  
**4 Sessions**  
**Maximum 30, minimum 8 participants**

Are you confused about how to approach estate planning, write a will, or create an advance health care directive? Then this is the class for you!

Class sessions:

1. Introduction to Estate Planning: Current estate tax system, probate process, use of last will and testament, powers of attorney.
2. Trusts: What a trust is, how it is used, what benefits it offers, different types of trusts for different needs.
3. Maintaining Control over Health Care Decision-Making: What an advance health care directive is, how one is used, what options you have, what hospice care is, and what your rights are as a hospice patient.
4. Retirement Living Considerations, course wrap-up and questions.

**Sarah Parks** is an estate planner with Custom Estate Planning in Fairfax, which she has operated since 1995. She graduated from George Mason University Law School and has an advanced law degree from Georgetown Law Center. She concentrates her practice solely on estate planning.

## 224 – 21st Century Medicine: Scientific Breakthroughs and Their Cultural and Socioeconomic Implications for the Future

Instructor: N. Thomas Connally

**Wednesdays, 9:30 - 11:00AM**  
**March 9 - April 27**  
**Location: GMU**  
**8 Sessions**  
**Maximum 50, minimum 8 participants**

This course will bring together some thoughts from the many ALRI courses the instructor has previously offered. The focus will be on two interesting and important scientific topics: genomic medicine and the relationship between neuroscience and behavioral psychiatry. Sessions exploring the way medicine and health care change the world we live in will spotlight international health and population control; reorganization of health care delivery and financing; a significantly better organized way for people to take better care of themselves; the interface between medicine, religion and philosophy; and major societal and personal issues inherent in the growing numbers of older people.

The instructor hopes to predict “what we are on our way to have happen--but more importantly, what we as a society must do to get the right outcome.”

Class topics:

1. Personalized Medicine in the Genome Era. An entirely new paradigm in diagnosis and treatment.
2. The US Health Care System in the Next Century. How it should be organized and how we will pay for it.
3. Your Doctor in 2030. What his/her office will be like and how he/she will make decisions.
4. Will We Ever Get Preventive Medicine Right? Can the medical profession, schools, the media and public health gurus significantly improve mortality statistics and the quality of our life?
5. International Health. Changing face of epidemics and world population.

## Health & Wellness *continued* / History

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6. Mental Health and Brain Science. Will we make mental health as scientific as the rest of medicine?
7. The Interface of Medical Science and Dilemmas with Religion, Philosophy, and Public Policy.
8. Geriatrics in the Coming Century. How old will the population really get? What will quality of life be like? The end of Alzheimer's.

*Assigned Reading:* Four- to six-page handouts for each session will be available at the first class.

**N. Thomas Connally, MD, MACP**, received a BA in Philosophy and his MD from the University of Virginia. He was an officer in the US Public Health Service at NIH for two years and practiced internal medicine in Washington, DC for 32 years. He is the author of a book on health care for seniors, is a member of the board of trustees for CareFirst, Blue Cross Blue Shield, and is active in professional medical organizations at the state and federal levels. He is the medical director of the Arlington Free Clinic and has taught numerous health-related courses at ALRI.



### 303 – Ancient Carthage and North Africa

**Instructor: Tom Wukitsch**

**Fridays, 12:30 - 2:30PM**

**March 11 - May 13**

**Location: GMU**

**10 Sessions**

**Maximum 36, minimum 8 participants**

Carthage was founded in North Africa at about the same time that Rome was founded in Italy. For several hundred years they co-existed peacefully, but a clash was inevitable as their empires spread into territories both Rome and Carthage thought were essential for their respective wealth and security. The Carthaginians had a better fleet and a better land army with much better generals, mostly from the Barca family; but Rome had one resource that Carthage could not match—population. With the benefit of 2000 years of hindsight, it is easy to see why Rome was the inevitable winner. The class will cover the wars between these Mediterranean super-powers. We will also look at the origins of Carthage and at Roman and early Christian North Africa as it developed after the fall of Carthage. We will see two movies: a comedy and a Mussolini propaganda classic that is surprisingly factual. And yes, despite modern Tunisian disclaimers, the Carthaginians did burn babies. No, the Romans probably did not salt the Carthaginian fields. But you will have to take the course to get the details.

*Assigned Reading:* Course handouts will be provided.

*Recommended Websites:*

<http://www.mmdtkw.org/ALRItkwPages.html>

<http://phoenicia.org/>

**Tom Wukitsch's** educational background is in archaeology and ancient history. He served in the US Navy in aviation- and archaeology- related positions and then had a career as a member of the US Foreign Service, serving in the Middle East and Italy. In the State Department Bureau of Intelligence and Research, he was a division chief first for the Middle East and then the Western Europe Division. After retiring, he studied and taught for four years in Rome. He is a board member of Scientific Methodologies Applied to Cultural Heritage (SMATCH), an international non-profit. He has led ALRI Travel Club tours to Rome, Florence, Venice, Egypt and Pompeii.

# History

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## 305 – Arlington History

**Instructor: W. Karl VanNewkirk**

**Thursdays, 3:00 - 4:30PM**

**April 7 - May 19**

**Location: Off-site**

**7 Sessions**

**Maximum 15, minimum 8 participants**

While living your daily life in Arlington, have you ever wondered who trod this ground before you? This course surveys the history of Arlington from before the arrival of European settlers to the present. Several historic buildings and neighborhoods will be visited.

The sessions will cover the following:

1. Overview and guided tour of the Arlington Historical Museum
2. Arlington before the Europeans
3. Eighteenth Century Arlington
4. Early Nineteenth Century and the Civil War
5. Some Arlington Black History
6. Reconstruction and the Beginning of Modern Arlington
7. Arlington in the Twentieth Century.

*Note: The first class will meet at the Arlington Historical Museum, 1805 S. Arlington Ridge Road (directions below). Locations and directions for subsequent sessions will be provided at the first class meeting. A moderate amount of walking will be involved in touring the historic Arlington locations.*

**Karl VanNewkirk** is a past president of the Arlington Historical Society and has edited its annual magazine since 1992. He has been a member of the board of directors of the Arlington Black Heritage Museum, works as a volunteer for the archaeology department at Gunston Hall and is currently working on the genealogy of his family. He is a member of a variety of local historical, genealogical and archaeological organizations.

*Directions to Arlington Historical Museum: **From North Arlington** take Arlington Boulevard or Washington Boulevard to their intersection. Follow Washington Boulevard (Rte. 27) toward the Pentagon and*

*I-395. Just past Columbia Pike, follow the signs to Ridge Road. After crossing the bridge, turn right at the yield sign; the Arlington Historical Museum is 200 yards on the left. **From South Arlington** take Columbia Pike east (toward the Pentagon). Take the ramp to Washington Boulevard and I-395, but **DO NOT** merge; instead, take the **SECOND (left)** exit from the ramp, to Ridge Road. After crossing the bridge, turn right at the yield sign; the museum is 200 yards on the left. **From Crystal City** take 23rd Street west (up the hill). At the traffic light at the top of the hill, turn right on Arlington Ridge Road; the museum is 0.4 mile on the right.*

## 307 – The World's Pantry: Foods from the Americas

**Instructor: Herbert Weinstein**

**Mondays, 1:30 - 3:00PM**

**April 4 - May 16 (No class April 18)**

**Location: CEC**

**6 Sessions**

**Maximum 25, minimum 8 participants**

What's for dinner tonight? This is a daily household question that we answer without really appreciating the great opportunities we have in selecting foods. The dishes we choose to eat and the ingredients used in their preparation seem to have been there all the time. But is this true? What are the origins of the ingredients and the evolution of their preparation in the many succulent dishes we customarily consume?

This course will focus on the origin, history and development of foods from the Western hemisphere that have become an integral part of our diet. We will discuss foods that were native to the Americas and trace the expansion and evolution of their use in other sections of the world. We'll also review the influence on native foods of those who came and settled in different regions of the American continent. As examples, the Spaniards brought foods that altered Native American diets, and Asiatic cultures influenced the eating habits of countries like Peru. Students will gain a better appreciation of the ways in which the native

# History

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foods of the Americas and the historical interchange of those foods with those of other cultures affect the way people eat in most areas of the world today.

*Assigned Readings:* Class materials will be distributed through email.

*Recommended Readings:* To be discussed during the sessions.

*Recommended Websites:* To be discussed during the sessions.

**Herbert (Herb) Weinstein** earned his chemical engineering degree from the Universidad Nacional Autonoma de Mexico and his MSc and PhD in Food Science and Technology from MIT. He has over 37 years of industrial experience (General Foods [now Kraft Foods] and Unilever) in most technical aspects of food manufacturing, distribution, logistics, product development, quality control, quality assurance and management. He has traveled abroad extensively. Today he is a consultant and lectures at ALRI.



## 315 – The Gettysburg Campaign: An American Epic

**Instructor: Robert Stone**

**Thursdays, 1:00 - 2:30PM**

**March 10 - May 12 (No class April 21)**

**Location: CEC**

**9 Sessions**

**Maximum 30, minimum 8 participants**

The Battle of Gettysburg is considered by many historians to be the turning point of the Civil War. We will try to get inside the minds of the leaders on both sides of this conflict as we explore this great American epic. Starting with the political and military situation in May 1863, we will study the actions of such men as Abraham Lincoln, Jefferson Davis, George G. Meade, Robert E. Lee, Daniel Sickles, James Longstreet, George Custer, JEB Stuart and many others. We will discuss the suffering of the citizens of Gettysburg and central Pennsylvania caused by this, the largest battle ever fought on the North American continent. We will follow along as Robert E. Lee tries to get his defeated army back across the Potomac River to safety in Virginia, in what many historians think is the greatest logistical movement in American military history. We will find out why this campaign is called the Confederate High Tide.

*Recommended Readings:* Michael Shaara, *The Killer Angels* (Ballantine Books).

*Field Trip:* The week following our last regular class, the instructor will offer an optional day-long field trip to Gettysburg. Cost of the field trip will be shared equally by those class members participating, with the per-person cost not expected to exceed \$25.

**Bob Stone** has a BS in Education from West Virginia University. He worked for the Arlington County government in a variety of positions for 36 years before his retirement in 1996. He has studied the American Civil War extensively for over 60 years and has shared this knowledge with numerous organizations including ALRI. He has taken many groups of adults on tours of Civil War battlefields in the eastern US.

# History

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## 327 – The Geopolitics of the Ancient Middle East

**Instructor: Dave Rudgers**

**Wednesdays, 1:30PM - 3:00PM**  
**April 6 - May 11**  
**Location: AH**  
**6 Sessions**  
**Maximum 20, minimum 8 participants**

After the ancient Hebrews became aware of themselves as a people with their own identity, their history was a turbulent one. Relatively few in number and living in a tumultuous geopolitical neighborhood since the beginning of recorded history, they were in almost constant conflict with powerful neighbors, threatened by hostile nomads, divided among themselves and frequently subordinate to foreign conquerors. This course tells that story and describes the Jews' relationships with the Egyptians, Assyrians, Babylonians, Persians, Seleucid Greeks, Romans and Muslims. It will also detail the changing power relationships in the ancient Middle East, culminating in the Muslim conquests of the seventh century.

Although the course deals with biblical themes and personalities, it is not a course in religion. Events will be examined and interpreted in an entirely secular way. The course will also attempt to link the events of the ancient Middle East to a contemporary context. There is no required text, but an extensive bibliography will be provided.

**Dave Rudgers** is an independent scholar and retired civil servant. After working as an archivist at the National Archives, he was employed primarily as an editor and an analyst at the Central Intelligence Agency for 22 years. He holds a doctorate in history from the George Washington University and is an award-winning author.

## 333 – History of Globalization

**Instructor: Peter N. Stearns**

**Wednesdays, 10:30AM - 12:00PM**  
**April 6 - April 27**  
**Location: GMU**  
**4 Sessions**  
**Maximum 30, minimum 8 participants**

World history focuses on contacts among major societies. Globalization is the most recent example of such contacts, but one on a very different level from anything experienced in the past. This course will focus on current patterns of globalization to answer three related questions: what new globalization is, why the process is complicated and why it rouses various kinds of resistance.

The first session of the course will discuss the general features of contemporary globalization and how it relates to historical patterns of inter-regional contact. The second session will deal with reasons for contact and major developments in the classical, postclassical and early modern periods; we will discuss what contemporary features were established earlier and what awaited more recent times. The third session will make the case for globalization as a 19th century phenomenon—how new kinds of contacts began to shape the human experience more deeply than ever before. The final session will return to the question of what is new about recent globalization and, based now on historical perspective, what its prospects are.

Dr. Stearns will address globalization from the expertise he has acquired in developing his recent works, which include *Educating Global Citizens in Colleges and Universities: Challenges and Opportunities* and *World History in Brief: Major Patterns of Change and Continuity*, Volumes I and II.

In most of his research and writing, Dr. Stearns pursues three main goals. As a social historian, he is eager to explore aspects of the human experience that are not generally thought of in historical terms—and to pay attention to ordinary people as well as elites.



## History *continued* / Law, Politics & Public Affairs

Second, he seeks to use an understanding of historical change and continuity to explore patterns of behavior and social issues. Finally he is concerned with connecting new historical research with wider audiences. Dr. Stearns is also eager to promote comparative analysis and the assessment of modern global forces—for their own sake and as they illuminate the American experience and impact.

**Peter N. Stearns** became Provost of George Mason University in 2000 and since then has regularly taught courses in world history and social history. He received his PhD from Harvard University and has taught at Harvard, the University of Chicago, Rutgers University and Carnegie Mellon University. Dr. Stearns founded and continues to serve as editor-in-chief for the *Journal of Social History* and has authored or edited more than 100 books.



### 402 – The Bill of Rights: Its History, Current Interpretations and Future

**Instructor: Robert L. Weinberg**

**Thursdays, 3:00 - 4:30PM**

**March 10 - April 7**

**Location: CEC**

**5 Sessions**

**Maximum 20, minimum 8 participants**

How well do you understand your Constitutional rights? This course will present an overview of the rights guaranteed Americans by the first ten amendments to the US Constitution. It will also consider how the Supreme Court has interpreted several specific provisions of the Bill of Rights, including free speech, free exercise of religion, the right to bear arms, security against unreasonable search and seizure, the privilege against self-incrimination, the prohibition against double jeopardy, the guarantee of due process of law, the right of the accused to indictment by a grand jury and a speedy trial in public by an impartial jury, the right to assistance of counsel and to bail and the prohibition against cruel and unusual punishment.

Finally, the course will consider the extent to which the provisions of the Bill of Rights, which were adopted as limitations upon the federal government, have been made binding upon the states by virtue of the Fourteenth Amendment.

*Recommended Reading:* Akhil Reed Amar, *The Bill of Rights: Creation and Reconstruction*.

**Robert L. Weinberg** received his Bachelor's and Law Degrees from Yale and his PhD in economics from the London School of Economics. He is a retired founding partner of the Washington, DC, law firm of Williams and Connolly, formerly headed by the famous advocate Edward Bennett Williams. He has litigated constitutional issues for over 35 years, specializing in the defense of the accused in criminal cases. He is now Adjunct Professor at the George Washington University School of Law and Visiting Lecturer at the University of Virginia Law School.

# Law, Politics & Public Affairs

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## 412 – Global Hot Spots

**Instructors: Ronald Neumann, Ross Wilson, John Stepanchuk, Bernie Alter, David Pollock, Allen Keiswetter, Stephen Dachi, John Maisto**

**Thursdays, 10:00 - 11:30AM**  
**March 17 - May 12 (No class May 5)**  
**Location: GMU**  
**8 Sessions**  
**Maximum 50, minimum 8 participants**

The United States is confronted by an increasingly complex and perilous world. We now face a globe marked by dangerous hotspots, some flaring openly into violence, others simmering near the edges of our attention. This course taps the experience and perspectives of diplomats and scholars to offer insights into what's at stake in eight critical areas.

**Afghanistan in Crisis** (*Ronald Neumann*). Can success be achieved? The lecturer will discuss this question from the perspective of someone who has tried to implement policy on the ground in Afghanistan, where he was Ambassador from 2005 to 2007.

*Recommended Readings:* Ronald Neumann, *The Other War: Winning and Losing in Afghanistan* (Potomac Press, 2009); Thomas Barfield, *Afghanistan: A Cultural and Political History*.

**US-Turkish Relations Today** (*Ross Wilson*). A look at recent trends and key developments in Turkey and the current status of US-Turkish relations.

*Recommended Readings:* *The Economist* Supplement on Turkey, Oct. 21, 2010; Henri J. Barkey, "Turkey's Moment of Inflection," *Survival: Global Political Strategy*, June-July, 2010.

**Russia's Reshaping: Threats and Opportunities** (*John Stepanchuk*). A survey of Russian internal and external problems. Internally, pressures for civil society, ethnic/religious conflicts, particularly in the North Caucasus, and uneven economic development will be covered. Externally, Russia's efforts to reassert

influence in its own geographic neighborhood, competition/cooperation with Western security institutions and the "reset" of US-Russian relations will be discussed.

*Recommended Readings:* Charles King and Rajan Menon, "Prisoners of the Caucasus: Russia's Invisible War," *Foreign Affairs*, July/August 2010; Samuel Charap and Alexandros Petersen, "Reimagining Eurasia," *Foreign Affairs*, July/August 2010.

**Pakistan: A Tale of Two Lines** (*Bernie Alter*). Two geographic boundaries drawn 50 years apart by two different British bureaucrats continue to have a major impact on the Afghanistan/Pakistan/India region—both externally and internally.

*Recommended Reading:* Husain Haqqani. *Pakistan: Between Mosque and Military* (Carnegie Endowment for International Peace, 2005).

**Diplomacy or Déjà Vu?: US Policy in the Arab-Israeli Arena** (*David Pollock*). An analytical look back—and a look forward—at American intervention and interests in this hardy, perennial regional conflict. Why are we involved? What leverage do we have? Why is (or isn't) this year different from all other years and how might we succeed?

*Recommended Website:*  
[www.washingtoninstitute.org](http://www.washingtoninstitute.org)

**Iraq: American Success Story or Failure?** (*Allen Keiswetter*). Eight years after the US overthrow of Saddam, do the results justify the costs? What are the prospects?

**Iran Update: An Increasingly Global Perspective** (*Stephen Dachi*). Iran is playing on a global as well as on a regional stage. While we are all aware of US and Israeli concerns, we are less attentive to the European Union dimension. In addition, Iran's drive to be the dominant regional power has caused a reaction among other Middle Eastern states—Egypt, Saudi Arabia, the United Arab Emirates, Qatar, etc.—all of which are deeply apprehensive and suspicious of Tehran.

# Law, Politics & Public Affairs

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*Recommended Reading:* Ray Takeyh, *Hidden Iran: Paradox and Power in the Islamic Republic*.

**Why Americans Should Be Concerned About Mexico** (*John Maisto*). Is a peaceful, prosperous Mexico requisite for a stable border area with the United States? Is defeating the criminal drug cartels and stopping illegal immigration possible? What is or what should be American policy in the immediate North American neighborhood? What should we expect from the Mexican government?

*Recommended Reading:* Sidney Weintraub. *Unequal Partners: The United States and Mexico* (University of Pittsburgh Press, 2010).

**Amb. Ronald Neumann** is currently president of the American Academy of Diplomacy. He has served as Ambassador to Algeria, Bahrain and Afghanistan. Amb. Neumann has a long history of involvement in Middle East issues, also serving in Baghdad, Abu Dhabi, United Arab Emirates and Yemen. He was also Deputy Assistant Secretary in the Bureau of Near East Affairs at the Department of State.

**Amb. Ross Wilson** was recently named director of the Atlantic Council's Dinu Patriciu Eurasia Center with responsibility for programs and projects aimed at the Black Sea, Caspian and Central Asian regions. Amb. Wilson completed a thirty-year US diplomatic career that included terms as US Ambassador to Turkey and Azerbaijan. He also served as principal deputy advisor to the Secretary of State for the Newly Independent States of the former Soviet Union.

**John Stepanchuk**, who recently retired from the US Foreign Service, has extensive experience in Russia, Ukraine and the European Union. Most recently he served as the deputy economic counselor at the US Embassy in Moscow. Before that he was Consul General in Yekaterinburg, Russia. He also served in Greece, Lithuania, Ukraine, Turkey and Guinea.

**Bernie Alter** has had a long association with international programs and issues. He spent more than a decade in South Asia as a Peace Corps volunteer in India, a language student at Delhi University and a foreign service officer at the Department of State—serving twice in Pakistan, twice in India and once as desk officer for Bangladesh.

**David Pollock** is a senior fellow at the Washington Institute for Near East Policy, focusing on the political dynamics of Middle Eastern countries. Previously he served as senior advisor for the Broader Middle East at the Department of State, a post he assumed in 2002. In that capacity he provided policy advice on issues of democracy and reform in the region with a focus on women's rights. From 1996 to 2000 Dr. Pollock served in several other Department of State policy advisory positions covering South Asia and the Middle East.

**Allen Keiswetter**, a retired senior foreign service officer, is a scholar at the Middle East Institute. He has taught courses on Islam and the Middle East at the National Intelligence College, the National War College and the University of Maryland. In his 36 years in the State Department, he served in six Middle Eastern countries and was Deputy Assistant Secretary for the Near East. He also served as senior advisor for Middle East Affairs to the US Delegation to the UN General Assembly in 2003.

**Stephen F. Dachi**, a retired foreign service officer, has recently taught at the Foreign Service Institute and at the Elliott School of International Affairs at George Washington University. He has presented courses at ALRI for the past five years. Senior assignments in the foreign service included Consul General in Sao Paulo, Brazil and Minister Counselor of the US Embassy in New Delhi, India. At the Foreign Service Institute Dachi taught South Asia area studies and a special program on Afghanistan. At George Washington University he teaches Political Islam and Global Energy Security.

**Amb. John Maisto** is currently director of the US Education Finance Group and a Board Member of the International Student Exchange Program. During his foreign service career he led US diplomacy at the Organization of American States as the US Permanent Representative. Amb. Maisto was US Ambassador to Nicaragua and to Venezuela. He was also Deputy Assistant Secretary of State for Central America and served overseas in Panama, the Philippines, Costa Rica, Bolivia and Argentina.

# Law, Politics & Public Affairs

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## 414 – The United States Congress: A Study of Sausage in the Making

**Instructor: Richard Barton**

**Tuesdays, 1:00 - 2:30PM**

**March 15 - April 19**

**Location: GMU**

**6 Sessions**

**Maximum 30, minimum 8 participants**

Although the 2008 election brought a sea change in the makeup of Congress as well as a new president, with huge challenges for both, the 2010 congressional elections created another upheaval in the political scene. Are we now in deadlock? This course will examine the evolution of congressional power since the first Congress in 1789, how Congress works now, and what we might expect in the future. The relationship between Congress and the President is crucial, given the unforeseen growth of the presidential role in the development of legislation. Lobbying also has become an ever more significant part of the legislative process, involving a complex set of interactions of executive branch agencies, special interests and public interest groups and the demands of financing political campaigns. We will discuss these topics and anything else the class considers fruitful and interest-

ing. Expert guest speakers will assist the instructor in providing insight into the complexities of the American legislative process.

*Assigned Readings:* Roger H. Davidson and Walter J. Oleszek, *Congress and Its Members*, any edition is acceptable (Washington, DC, CQ Press); Eric Redman, *The Dance of Legislation: An Insider's Account of the Workings of the United States Senate* (New York, Simon and Schuster, 1973). The University of Washington Press has published a new edition of the latter book, with updated forward and preface.

*Recommended Reading:* Will be included in the syllabus.

*Field Trips:* Optional field trips to George Washington University and to spend a day in the US Capitol observing Congress.

**Richard Barton** spent 22 years as a lobbyist for the direct marketing industry and 13 years prior to that on the staff of the US House of Representatives, where he served as staff director of three legislative subcommittees. He has taught courses on the bureaucracy in the political system and the history of modern civilization at George Mason University and the University of North Carolina. He recently received his PhD in Public Policy from George Mason.



# Law, Politics & Public Affairs

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## 421 – The President Proposes and Congress Disposes: Making the Federal Budget

**Instructors: Phillip R. Dame, William Hoagland, Bernard H. Martin, Franklin S. Reeder, Susan S. Jacobs, Larry Matlack**

**Thursdays, 10:30AM - 12:00PM  
March 24 - May 5 (No class March 31)  
Location: GMU  
6 Sessions  
Maximum 30, minimum 10 participants**

Want to know the story behind the headlines about the making of the annual federal budget? The budget process is the center of federal policy-making. The most visible parts of the process are the President's budget proposal and the Congress's subsequent legislative action. In this crucible, the country's direction is decided.

The growth and development of the Office of Management and Budget (OMB), with its manifold connections to Congress, the White House and executive departments and agencies, are key to the budget process. Added to this are the elements of budgeting related to program analysis and program effectiveness. The course will present the expert views of former senior congressional and OMB budget staff, who will tell both the official history and the story behind the institutions and processes that are in the headlines.

The order of class presentations may change, depending on the schedules of the lecturers.

**Philip R. Dame** retired in 2006 after nearly 41 years of government service, 38 at the Office of Management and Budget in its Office of Budget Review, which coordinates the federal budget process and prepares fiscal and economic analysis. He served for almost 20 years as OMB's Deputy Assistant Director of Budget Review. Recipient of numerous OMB and interagency awards, he has co-authored (with Bernard Martin) a history entitled *The Evolution of OMB*.

**William Hoagland** served almost 20 years as a staff member of the Senate Budget Committee and as Director of Budget and Appropriations for former Senate Majority

Leader Bill Frist (R-Tenn.), assisting in evaluating the fiscal impact of major legislation and coordinating budget policy for Senate leadership. He is now Vice President of Public Policy for CIGNA Corporation, an affiliated professor of public policy at George Mason University, a board member of the Committee for a Responsible Federal Budget and a Fellow of the National Academy of Public Administration.

**Bernard H. Martin** retired after 32 years of federal service, the majority spent in the Office of Management and Budget where he was career head of units that reviewed the policies, programs and budgets of several cabinet departments and the unit responsible for one of OMB's core functions, the review and clearance of legislative documents sent to Congress by executive branch agencies. Recipient of Distinguished and Meritorious Presidential Rank awards, he is currently a Fellow of the National Academy of Public Administration and a member of several of its standing panels.

**Franklin S. Reeder** served at the Office of Management and Budget for two stints totaling more than 20 years. He was Chief of Information Policy, Deputy Associate Director for Veterans Affairs and Personnel and Assistant Director for General Management. A member of the Arlington County Information Technology Advisory Commission and the Social Security Commissioner's advisory panel on future systems technology, he also served on the Obama-Biden transition team.

**Susan S. Jacobs** retired from federal service in 2008, the majority of her 30-year career in leadership positions at the Office of Management and Budget and the Federal Housing Finance Agency. At OMB she was Chief of the Veterans Affairs Branch and also analyzed program effectiveness at other agencies. As an executive at the Immigration and Naturalization Service and FHFA, she led budget, planning and performance improvement and represented the agencies to OMB and their budgets to Congress. Recently a senior advisor at the National Academy of Public Administration, she is currently an associate member of its panel on Executive Organization and Management.

**Larry Matlack** recently retired after 30 years of government service with the Office of Management and Budget, where he supervised staff responsible for the budget, legislative, regulatory and management initiatives in several departments and 20 independent agencies. He was twice the recipient of the Presidential Meritorious Rank Award. Most recently, he worked with the Council for Excellence in Government on the "Prune Book" in preparation for the transition to the current administration.

# Law, Politics ... *continued* / Literature & Writing

## 425 – African Conflicts

Instructor: Clement Aapengnuo

**Fridays, 10:00 - 11:30AM**  
**March 11 - April 8**  
**Location: GMU**  
**5 Sessions**  
**Maximum 30, minimum 8 participants**

Africa is often associated with bad news: sickness, poverty, conflict and corrupt governments. In the last 20 years Africa has experienced a number of tragic conflicts including Rwanda, Liberia, Sierra Leone, Ethiopia, Somalia and Sudan. Since 1970, more than 30 wars have been fought in Africa, the vast majority of them intra-state in origin. The consequences of this strife have seriously undermined Africa's efforts to ensure long-term stability, prosperity and peace. What is often not reported are the root causes of these clashes and the efforts Africans themselves are making against all odds to resolve them and build peace. This course will present a bird's-eye view of the historical context of these African struggles. We will briefly review the pre-colonial, colonial and post-colonial periods of African political history as well as the impact of those periods on the wars that Africa has experienced during the last 60 years. In the process, we hope to answer the questions, Why is Africa so conflict-prone, and what can be done about it? A holistic understanding of African conflicts is key to their sustainable and peaceful resolution.

**Clement Aapengnuo** is a master's degree student at the Institute for Conflict Analysis and Resolution. Father Aapengnuo was director of the Center for Conflict Transformation in Northern Ghana for six years. He holds a master's degree in social communications, as well as post-graduate certification in Conflict Analysis and Resolution and in Public Administration. He has also studied philosophy and theology at St. Victor's Major Seminary, Tamale, Ghana.

## 515 – Writing about Your Life

Instructor: Cherie Toll Bottum

**Wednesdays, 10:00AM - 12:00PM**  
**March 16 - April 20**  
**Location: WETA**  
**6 Sessions**  
**Maximum 13, minimum 8 participants**

Have you been meaning to write your memoirs? Now is a good time to celebrate and preserve your life and times. In this class, you can begin to create a record of your stories—serious and funny—and your reflections on the world around you that your family, friends and perhaps even historians can enjoy. Or you might wish to write only for yourself. Guided by Zinsser's wise, practical and humorous book recommended below, we will consider many kinds of personal writing: memoirs, diaries, family histories, journals, letters, even poetry. We'll look at classic examples by writers such as Anne Frank, Russell Baker, Frank McCourt and Eudora Welty.

The class will be a semi-workshop, as we read and gently critique each others' work. It will feature practical exercises to help students get started and keep writing, organizing skills of selecting, focusing and keeping up a momentum. We'll look at integrity. As Zinsser says, "Use memoir to look for your humanity. Be as honest as you can." It's your chance to tell your story as only you can.

*Recommended Reading:* William Knowlton Zinsser, *Writing about Your Life: A Journey into the Past*.

**Cherie Toll Bottum** is a writer, editor and teacher. She has published articles and essays in five different sections of *The Washington Post*, including humor on the op-ed page, and in *Good Housekeeping* and *Family Circle*. She has taught creative writing at the University of Virginia's Northern Virginia Center in Falls Church. She was managing editor of the academic journal *College Teaching* for twenty-five years.

# Literature & Writing

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## 521 – Outside/Inside: Short Stories of American Diversity

Instructor: Iska Alter

**Fridays, 1:30 - 3:00PM**  
**April 15 - May 20**  
**Location: GMU**  
**6 Sessions**  
**Maximum 25, minimum 8 participants**

America, the melting pot, land of the exile's hope and the immigrant's renewal. This vision has been an inextricable part of our national identity since the first immigrant landed on the shores of Virginia. But immigration is a more complex and ambiguous experience than the myth indicates. The stories we will read in this course, written by immigrants, their children, and their children's children, pay tribute to the promise of America but also explore the darker trajectory of immigrant experience: disillusion, uncertainty, isolation and loss.

*Assigned Readings:* Will be handed out at the beginning of the course.

**Iska Alter** is Emerita Professor of English at Hofstra University, Hempstead, NY. Although ostensibly retired, she continues to teach on a part-time basis. Her areas of specialization are American Literature, Shakespeare and English Renaissance Drama. Dr. Alter's work has appeared in such journals as *Modern Drama*, *The American Journal of Theatre History* and *Shakespeare Survey*. In addition, she has written what remains an important analysis of the fiction of the novelist Bernard Malamud, entitled *The Good Man's Dilemma*. She received her BA from CUNY, her MA from Wisconsin and her PhD from NYU.

## 535 – Religion in Literature

Instructor: John Barclay Burns

**Mondays, 10:00 - 11:30AM**  
**March 14 - May 2**  
**Location: GMU**  
**8 Sessions**  
**Maximum 50, minimum 8 participants**

This course investigates the presence of religious concepts and themes in literary texts and the relationship between religion and literature: the role of religion in the creation of literature and how literary ideas have shaped religious texts. Literary works are chosen from different time periods and world cultures. Themes such as creation, divine justice, death and immortality, good and evil, salvation, life's meaning and selected issues in religious ethics will be considered. Possible texts to be considered include:

- *The Epic of Gilgamesh* (Penguin Classics tr. Nancy K. Sandars)
- The Book of Job (Handout)
- Sophocles, *Antigone*
- Geoffrey Chaucer, *The Canterbury Tales* ("Prologue" selections)
- Nathaniel Hawthorne, "Young Goodman Brown"
- Robert Bolt, *A Man for All Seasons*

**John Barclay Burns**, a US citizen born and educated in Scotland at the universities of St. Andrews and Glasgow, is Associate Professor Emeritus of Religious Studies at George Mason University where he has taught for 24 years. Prior to that he was a Presbyterian minister in Scotland, Canada and the United States. His expertise is in the religion of ancient Israel, early Judaism and the religions of the ancient Near East. He has written articles, delivered papers, taught courses, and reviewed and edited books in his field. He also created the graduate concentration in Religion, Culture and Values in the MA in Interdisciplinary Studies degree at GMU.

# Science & Technology

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## 603 – A Naturalist’s Tour of Arlington: Revealing a Living Planet

**Instructor: Martin Ogle**

**Wednesdays, 1:30 - 3:30PM**

**April 13 - May 18**

**Location: Various Arlington Locations**

**6 Sessions**

**Maximum 16, minimum 8 participants**

How are the processes of our living planet seen through our small place on Earth? In six sessions that include two classroom sessions and four field trips, the Chief Naturalist of the Northern Virginia Regional Park Authority will introduce students to the interrelationships among the geology, biology and human history of Arlington. The course will open and close at Potomac Overlook Regional Park’s Nature Center and will explore other locations during the intervening weeks: Chain Bridge, Fort C.F. Smith, Four Mile Run (in Shirlington) and Theodore Roosevelt Island.

The six sessions will examine the following topics:

- 1. Potomac Overlook Regional Park:** classroom session on the Gaia Theory—the science of our living planet. Short walk.
- 2. Chain Bridge:** exploring the fall line.
- 3. Fort C.F. Smith:** the impact of the Civil War on the land and people.
- 4. Four Mile Run:** trees and birds.
- 5. Theodore Roosevelt Island:** Piedmont gives way to coastal plain.
- 6. Potomac Overlook Regional Park:** short walk and wrap-up in nature center.

*Recommended Reading: Potomac Overlook Field Guide* (will be handed out at first class session).

*Note that the walking trails can be loose, uneven and covered with leaves and twigs. Some paths have intermediate inclines. Good walking shoes and a walking stick are recommended. This course is not hand-capped-accessible.*

**Martin Ogle** has been the Chief Naturalist for the Northern Virginia Regional Park Authority since 1985. He earned a BS and MS in Wildlife Biology from Colorado State University and Virginia Tech respectively. He has presented courses on biology and geology for school and public groups, universities, the Smithsonian Institution, the US Department of Agriculture Graduate School and other groups and organizations.

## 611 – Environmentally Sustainable Gardening

**Instructors: Kirsten Buhls and Master Gardeners of Northern Virginia**

**Tuesdays, 1:30 - 3:30PM**

**March 15 - May 3**

**Location: FCC**

**8 Sessions**

**Maximum 20, minimum 8 participants**

Are you interested in learning more about gardening? This course will provide a broad overview of the basic principles of gardening, with a focus on the use of environmentally friendly practices. The subjects covered will include basic horticulture; soils, fertilizers and composting; selection, use and care of woody plants; growing herbaceous plants; indoor plants and container gardening; lawns 101; landscape design; and diagnosing plant diseases and insect problems. As we learn about each of these subject areas, the class will explore options for gardening and curing disease and insect problems in ways that protect the air, soil and water in our gardens and our community.

*Assigned Reading:* All materials will be provided in class by instructors.

**Kirsten Buhls** is the Agriculture Natural Resources-Horticulture Associate Extension Agent for the Virginia Cooperative Extension Service in Arlington County. She is also a member of the International Society of Arboriculture and a Certified Commercial Pesticide Applicator. She received her BS from Auburn University in ornamental horticulture and landscape design and her MS from Indiana University in outdoor recreation resource management.



# Science & Technology

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## 617 – Neurobiotechnology: Striving Against Age, Pain and Unhappiness

**Instructor: James Giordano**

**Mondays, 3:00 - 5:00PM**

**April 18 - May 23**

**Location: PI**

**6 Sessions**

**Maximum 35, minimum 8 participants**

This course will address new developments, novel uses of existing techniques and innovative technologies in neuroscience involving genetics, nanotechnology and human-machine interfaces. These developments offer the possibility of mitigating pain and suffering, altering emotions, retarding the cognitive—if not physiological—effects of aging and possibly even avoiding death through downloading the human mind onto computer-based systems. Although these developments are all concerned with some notion of human flourishing and advancing the “good” of humankind, they also raise profound ethical, legal, and social issues—not to mention the risk of unforeseen consequences or the pull of economic and sociopolitical forces upon the values and uses of science.

*Assigned Reading:* James Giordano, *Pain: Mind, Meaning and Medicine* (PPM-Publishers Press, Glen Cove, PA, 2009).

*Recommended Readings:* James Giordano and Bert Gordijn (eds.), *Scientific and Philosophical Perspectives in Neuroethics* (Cambridge University Press, Cambridge UK, 2009); James Giordano (ed.), *Maldynia: Multidisciplinary Perspectives on the Illness of Chronic Pain* (CRC/Taylor-Francis, Boca Raton, FL; NY, NY, 2010).

*Recommended Website:* [www.neurobioethics.org](http://www.neurobioethics.org)

**James Giordano, PhD**, is the Director of the Center for Neurotechnology Studies and Vice President for Academic Programs at the Potomac Institute for Policy Studies; he also is a Senior Research Associate of the Wellcome Centre for Neuroethics, University of Oxford, UK, and University Affiliate Professor of Neuroscience and Neuroethics at George Mason University’s Krasnow Institute for Advanced Studies. He is the author of over 150 publications on neuroscience, healthcare, neuroethics and

science policy. Among his most recent books are *Pain: Mind, Meaning and Medicine*, *Maldynia: Multidisciplinary Perspectives on the Illness of Chronic Pain* and *Scientific and Philosophical Perspectives in Neuroethics*. Giordano is also the editor-in-chief of the journal *Philosophy, Ethics, and Humanities in Medicine* and associate editor of the international journal *Neuroethics*.

## 621 – Photographing the Cold War: History of US Satellite Reconnaissance

**Instructor: Garrett Cochran**

**Fridays, 10:00 - 11:30AM**

**April 22 - May 13**

**Location: GMU**

**4 Sessions**

**Maximum 30, minimum 15 participants**

In 1995 the US government declassified information about Corona, the first spy satellite program. In 2002 information on two follow-on systems was released, allowing the public to learn how the intelligence community was able to monitor the Cold War arms race.

The four sessions of this course will –

1. Recount the events that led President Eisenhower to authorize the Corona program. Success demanded the proper performance of seven untried technologies. The first twelve missions failed. Then Mission 9009 was launched, and the world was changed forever.
2. Describe the Corona system. An operation over northern Virginia in 1968 demonstrated its capability. Operations over the Middle East after the Six-Day War illustrated how collection was managed.
3. Discuss how satellite photography was exploited to yield intelligence information and how it sparked a revolution in map making.
4. Address the need for high-resolution surveillance imagery. The KH-11, the world’s first digital camera, was developed for that purpose.

**Garrett Cochran** holds a bachelor’s degree in chemical engineering from Princeton University and a master’s

# Science & Technology

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degree in industrial management from MIT. During the 1978-79 academic year he was a mid-career fellow at the Woodrow Wilson School of Public and International Affairs at Princeton. He joined the CIA in 1958 and retired in 1995. During his first ten years he was an analyst, his specialty being weapons of mass destruction. He then served ten years on the staff of the committee responsible for managing the US imaging satellite program; thereafter he was attached to organizations responsible for the design, production and operation of reconnaissance satellites.

## 622 – The Large Hadron Collider: History, Science and Public Policy Implications

**Instructor: John Metzler**

**Fridays, 10:00 - 11:30AM**

**March 11 - April 8**

**Location: GMU**

**5 Sessions**

**Maximum 30, minimum 8 participants**

The Large Hadron Collider (LHC) is the world's largest scientific instrument. It is located in Geneva, Switzerland, at CERN, the European Laboratory for Particle Physics. This course will explore why the seven billion dollar investment was made, how the LHC works, its potential scientific contributions and the international political issues supporting this extraordinary achievement.

The first session will provide a brief overview of the LHC. To understand the rationale behind the investment, we will explore the history of the physics and the technologies that made the LHC construction possible, *i.e.*, the evolution of the science and technology behind the atom smashing "microscopes" of the 20th century.

The second session will explore the current understanding of the physics of the atom (the "Standard Model of Particle Physics and Forces"), what hadrons (and quarks) are and how matter is created out of energy. The goal is that non-physicists will leave with some understanding of the essence of the physics of the LHC.

The third session will consist of virtual tours of the LHC itself, to give a feeling for the immensity of the instrument and explore the complex international ventures that are the LHC experiments.

The fourth session will explore how the LHC is pushing the frontiers of physics and other scientific fields, and how CERN works as an international laboratory and as a potential model for other international organizations.

The fifth session will delve into the public policy implications of investments in "Big Science," of which the LHC is a leading example.

*Recommended Websites:* Will be provided in class.

**John Metzler**, who retired from the Department of Energy in 2007, worked for the Director of the High Energy and Nuclear Physics program, focusing on international agreements for US participation in the Large Hadron Collider. He was also the international program manager for the Superconducting Super Collider and served as the Executive Director of the Energy Research Advisory Board, which reported directly to the Secretary of Energy.



## Science & Tech. *continued* / Social Sciences

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### 623 – Genomics: A 21st Century Primer

Instructor: W. Pete Welch

**Tuesdays, 9:30 - 11:30AM**  
**March 8 - April 12**  
**Location: GMU**  
**6 Sessions**  
**Maximum 30, minimum 8 participants**

Our understanding of how genes work is opening a new world. Our knowledge of genomes (all the genes of an individual or a species) has exploded in the last 15 years. This course will apply that knowledge base to such tantalizing topics as personalized medicine (*i.e.*, the relationship between one or two genes and a disease); genomic evidence of recent human evolution, especially since the dawn of agriculture; and genes found in both humans and other species.

The course will cover how the DNA-level mechanisms behind these intriguing applications work. Gene variants (*e.g.*, single-letter typos, or SNPs) constitute one such mechanism. Three levels of genomic variants will be explored: differences across individuals, across ethnic populations and across species.

No background in biology is presumed or required. Note that the instructor is an economist, not a biologist.

*Recommended Readings:* There will be readings on the Web; thus Internet access is highly recommended. For the first meeting, read “Genes and Chromosomes,” <http://www.genetics.com.au/pdf/factsheets/fs01.pdf>.

*Recommended Website:* The National Institutes of Health (NIH) website on genes will be used for optional exercises.

**W. Pete Welch**, PhD, is a health economist who, although well published in his field, is much more interested in the biological roots of human behavior. He has worked both in and out of government (*e.g.*, The Urban Institute). He taught economics at the University of Pittsburgh for seven years and more recently has taught adult education courses on the impact of Darwinian evolution on human behavior.

### 703 – *The Washington Post*: Behind the Headlines

Instructors: *The Washington Post* Speakers Bureau

**Tuesdays, 10:00 - 11:30AM**  
**March 8 - April 26**  
**Location: GMU**  
**8 Sessions**  
**Maximum 50, minimum 8 participants**

Here in the nation’s capital we tend to be avid followers of the news. And with the Tea Party movement, a divided congress, high unemployment, the foreclosure crisis and attacks on health care reform, there are plenty of issues that continue to grab the headlines. Meet the people behind those headlines and learn how *The Washington Post* delivers news and understanding about the politics, policies, regulations, agencies and leaders that make Washington the world’s seat of power. Local and national writers from the Post’s Speakers Bureau will be with us for an eight-week course to examine news coverage of politics, technology, social services, business, education and more. They will also explore the ways technology has changed the journalism landscape, and provide insight into the decisions shaping what news is covered by the Post and why.

Members of *The Washington Post* Speakers Bureau will act as instructors for the course. Instructors for the Spring 2011 term will include Tim Craig, Jenna Johnson, Rob Pegoraro, Krissah Thompson and Josh White, among others.



# Social Sciences

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## 714 – Political and Social Issues in Contemporary Islam

**Instructor: Andrea Farsakh**

**Tuesdays, 10:30AM - 12:30PM**  
**March 15 - April 19**  
**Location: GMU**  
**6 Sessions**  
**Maximum 50, minimum 8 participants**

The course will cover the following topics:

1. A short history of Islam; Sunni/Shia political attitudes.  
*Recommended Reading:* Karen Armstrong, *Islam: A Short History* and *Muhammad: A Prophet for Our Time*.
2. Sunni/Shia political attitudes.  
*Recommended Reading:* Vali Nasr, *The Shia Revival: How Conflicts Within Islam Will Shape the Future*.
3. Women in Islam.  
*Recommended Reading:* Isobel Coleman, *Paradise Beneath Her Feet: How Women Are Transforming the Middle East*.
4. Muslim relations with Christians and Jews.  
*Recommended Readings:* Karen Armstrong, *Holy War: The Crusades and Their Impact on Today's World* and *The Battle for God*; Zachary Karabell, *Peace Be Upon You: Fourteen Centuries of Muslim, Christian, and Jewish Conflict and Cooperation*.
5. Violent extremism in Islam.  
*Recommended Readings:* Monte Palmer and Princess Palmer, *Islamic Extremism: Causes, Diversity, and Challenges*; Gilles Kepel, *Jihad: The Trail of Political Islam* and *The War for Muslim Minds: Islam and the West*.
6. Modern Islamic reformers.  
*Recommended Readings:* Gilles Kepel, *The War for Muslim Minds: Islam and the West* and *The Revenge of God: The Resurgence of Islam, Christianity and Judaism in the Modern World*.

**Andrea Farsakh** had a 25-year career in the foreign service, serving all her overseas tours in the Middle East. Among other assignments, she was lead officer to liaison with the PLO in Tunis after the 1993 Oslo Agreement, dealing with all Palestinian leaders at that time. Since her retirement she has worked at the Department of State on Iraqi political and economic affairs—and during the past year on democratic governance in Afghanistan. For many years she has lectured extensively in the Washington area and elsewhere in the US on Islamic subjects and the Israeli-Palestinian conflict.

## 717 – Pilgrimage and Human Society

**Instructor: Eldor Pederson**

**Wednesdays, 1:30 - 3:00PM**  
**March 9 - May 4 (No class April 20)**  
**Location: CEC**  
**8 Sessions**  
**Maximum 30, minimum 8 participants**

Pilgrimage, a visit to a distant site for spiritual benefit, is an activity found in almost all religious traditions. For most of human history, pilgrimage was a difficult activity that required much of the pilgrim, and only the truly motivated were able to make long treks to distant shrines. What constitutes pilgrimage, why people go, and where they go will be the focus of the first two sessions. Pilgrimages in both non-Christian and Christian traditions will be examined. A session will be devoted to a detailed discussion of a single pilgrimage, the Christian trek to Santiago de Compostela in Spain. After looking at some characteristics of pilgrimages, the next part of the course examines some of the consequences of pilgrimage in human society and culture. The economics and politics of pilgrimage are important in the development of traditions. One session focuses on the relation of pilgrimage to literature, music, architecture, sculpture and painting. The final session will examine some of the problems pilgrimage presents in an age of easy and inexpensive travel. Instructor will post outlines for the weekly sessions, suggest reading materials and respond to questions raised in the class.

## Social Sciences

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*Recommended Reading:* Jonathan Sumption, *The Age of Pilgrimage: The Medieval Journey to God* (Mahwah, NJ, Hidden Spring, ISBN 1587680254, 1975, 2003).

*Recommended Website:*  
<http://ollipilgrimage.blogspot.com>

**Eldor Pederson**, a retired resident of Fairfax City, is a native of Seattle. He holds a BA degree in Geography and Economics as well as a MLS from the University of Washington and a PhD in Geography and City Planning from the University of California, Berkeley. He has been a faculty member at several universities. His professional interests include urban land use and urban transportation development and planning. The study of pilgrimage has been an avocation since he first made the walk from St. Jean Pied-de-Port in France to Santiago de Compostela, 800 kms, in 1998. This interest links closely to some of his other personal interests, including travel, hiking, European history, and early music. Since 1998 he has walked the Camino de Santiago again and has walked parts of the Chemin St. Jacques in France.

### 724 – Science, Morality and Art in Kant’s Philosophy

**Instructor: Irmgard Scherer**

**Tuesdays, 10:30AM - 12:00PM**  
**March 29 - May 3**  
**Location: GMU**  
**6 Sessions**  
**Maximum 27, minimum 8 participants**

Immanuel Kant’s three famous Critiques changed philosophy forever. In this course we will approach Kant through specific concepts that are treated in each Critique. Students need not fear having to “swim through glue” trying to understand Kant. We will do it together. The course, introductory in nature, promises new and enriching insights after brains have been jostled a little.

The First Critique inquires about “what we can know” via *reason* and *science*. The Second Critique asks “what ought we to do” with respect to *freedom* and *morality*. The Third Critique asks “what may we hope”

when we use our *passions* and *feelings* to understand life through art. Kant wants to offer a deep analysis of the three major domains of culture, science, morality and art, and to secure the principles that guide each.

*Assigned Readings:* Lewis White Beck (ed.), *Kant: Prolegomena to Any Future Metaphysics*; Immanuel Kant, *Foundations of the Metaphysics of Morals* and *What Is Enlightenment*, introduction by Lewis White Beck. These books are short paperbacks available new or used from Amazon.com. Handouts on Kant’s “Critique of Judgment” and other selections in class will be available.

*Recommended Readings:* Robert Solomon, *Introducing the German Idealists: Mock Interviews with Kant, Hegel and Others and a Letter from Schopenhauer* (Hackett Publishing Co.); Irmgard Scherer, *The Crisis of Judgment in Kant’s Three Critiques: In Search of a Science of Aesthetics* (Peter Lang Publishing Company).

**Irmgard Scherer**, a United States citizen born in Germany, is Associate Professor Emerita of Philosophy at Loyola University Maryland. She received a PhD from The American University. Her area of specialty is Kant’s critical philosophy with special focus on his aesthetic theory. She has written a book and articles on Kant. Retired from Loyola University in 2007, she has taught courses for ALRI and OLLI ever since.



# Social Sciences

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## 726 – Government Ethics: Fact or Fiction?

Instructor: Raymond J. Sheehan

**Thursdays, 1:00 - 2:30PM**  
**April 28 - May 19**  
**Location: CEC**  
**4 Sessions**  
**Maximum 20, minimum 8 participants**

The course will cover the following topics:

1. What are government ethics? History of ethics in government.
2. Federal ethics laws, rules and program; ethics in terms of public policy.
3. Comparative government ethics; business ethics and government ethics.
4. Team problem solving and class discussion.

*Assigned Reading:* Before the first class—Hubert G. Locke, “Ethics in American Government: A Look Backward,” *ANNALS* (The American Academy of Political and Social Science, 537, January 1995). In addition, readings will be passed out or assigned for each session.

**Raymond Sheehan** recently retired from the position of director, Office of Ethics, US Department of Agriculture (USDA), which he held since 2002. As the Designated Agency Ethics Official, he was responsible for advising senior USDA leadership on ethics issues and managing USDA’s ethics program. He has 33 years of federal legal experience and 23 years of federal ethics experience. He was a military member of the US Navy’s Judge Advocate General’s Corps and the civilian head of Affirmative Claims, Office of the Judge Advocate General of the Navy; staff attorney, Naval Sea Systems Command; staff attorney, Office of the General Counsel, USDA; and senior ethics specialist, USDA.



## 731 – Transitioning to the Post-Carbon Era

Instructor: Thomas Whipple

**Wednesdays, 11:30AM - 1:00PM**  
**March 9 - April 27**  
**Location: MU**  
**8 Sessions**  
**Maximum 30, minimum 8 participants**

This course is based on the proposition that the world is entering a major transition brought about by the depletion of fossil fuels and many other natural resources. For the past two hundred years, first coal and then oil and natural gas provided the energy that let modern industrial civilization and transportation systems develop and grow. Now, the evidence is mounting that growth in global production of oil and coal will not be possible for much longer. Civilization will become increasingly reliant on renewable forms of energy such as solar, wind, geothermal and various forms of waterpower. The decline in the availability of fossil fuels will likely cause severe economic disruptions and radical shifts in life styles for most of the earth’s inhabitants.

During the course we will review the evidence that major changes in the availability of energy from fossil fuels are already underway and will review some of the contemporary thinking about what could happen to our civilization as fossil fuels become increasingly expensive and scarce.

*Assigned Readings:* Richard Heinberg and Daniel Lerch, *The Post Carbon Reader: Managing the 21st Century’s Sustainability Crisis* (Watershed Media – University of California Press). Available from Amazon.com.

*Recommended Websites:*  
<http://www.theoil drum.com>;  
<http://www.energybulletin.net>;  
<http://theautomaticearth.blogspot.com>

**Tom Whipple** is a retired CIA analyst who currently edits daily and weekly newsletters for the Association for the Study of Peak Oil. For the past five years he has been writing a weekly newspaper column exploring many aspects of the coming crisis. He is also a fellow of the Post Carbon Institute, which is conducting research on smoothing the transition to a world without carbon fuels.



# ALRI Membership and/or Registration Form

(Please use one form per person)

ON-LINE REGISTRATION available at [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org)

**NAME** (Please print)

First \_\_\_\_\_ MI \_\_\_\_\_ Last \_\_\_\_\_

Preferred First or Nickname \_\_\_\_\_ Mr. Mrs. Ms. Other \_\_\_\_\_

Male  Female

(Circle one)

**CONTACT INFORMATION** (Complete only if new member or updating information)

Street \_\_\_\_\_ Apt. \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ - \_\_\_\_\_

Home (\_\_\_\_\_) \_\_\_\_\_ -- \_\_\_\_\_ Cell (\_\_\_\_\_) \_\_\_\_\_ -- \_\_\_\_\_

Email \_\_\_\_\_ @ \_\_\_\_\_

**MEMBERSHIP** (Membership fees and donations are tax-deductible)

Annual Fee is \$55 per person (non-refundable):  New  Renewal

Additional Donation (optional):  \$ \_\_\_\_\_

*Check the membership expiration date on your address label.*

**COURSE REGISTRATION** (\$45 per course)

If you are interested, place a check mark in the Class Aide column. Class Aides receive free parking while assisting their class. See page 34 for explanation.

Course Name (Please use short title shown in Catalog tables)	Course #	Class Aide

**MAIL FORM WITH PAYMENT TO:**

Adult Education/ALRI  
2801 Clarendon Blvd., Suite 306  
Arlington, VA 22201

<b>Membership fee</b> (\$55/yr)	\$ _____
<b>Course fees</b> (# of courses x \$45)	\$ _____
<b>Donation</b> (Optional)	\$ _____
<b>TOTAL check/charge amount:</b>	\$ _____

*Checks should be made payable to ALRI.  
If paying by credit card, fill in the info below and sign your name as it appears on your credit card.*



*Sign your name as it appears on your credit card*

VISA  MasterCard

Expires: Mo.   Yr.

# JOIN, RENEW, REGISTER & PAY ONLINE

## It's easy, fast and secure!

Register online as soon as course registration opens at 10 AM on February 7, 2011.

- Don't be closed out of a popular class!
- Register without leaving your home.
- Know instantly if you are accepted into a course.

Pay by credit card.

- ALRI uses the secure VeriSign website, the industry leader in payment processing and Internet security.
- Your credit card information is encrypted and is never seen by anyone at ALRI.

Follow the directions below.

## MEMBERSHIP

### New Member

If you have *never* been a member of ALRI:

1. Go to [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org).
2. Choose the **Online Transactions** menu option at the left side of the page.
3. Choose **Join ALRI**.
4. Enter the information required.
5. Click the **Submit** button.

You will be transferred to the VeriSign secure website for entering your credit card information. Type your credit card number and expiration date. We accept Visa and MasterCard.

6. When complete, click the **I Authorize This Transaction** button.

Your credit card account will be charged at this time.

7. A message will appear on the screen confirming your membership and you are immediately eligible to register for available classes and events.

8. ALRI will send you a confirmation email immediately, and sends you membership material via first-class mail.

### Current and Past Members of ALRI

If you are a current or past ALRI member and:

- Have your ALRI **User Name** and **Password**, skip to **Course Registration**; or
- Have forgotten your password, use these steps to request a new password:

## REQUEST A PASSWORD

Note that the password process works only if we have your current email address in our database. Send any email address updates to us at [ALRI@ArlingtonLRI.org](mailto:ALRI@ArlingtonLRI.org) prior to requesting a new password.

To get a password or if you've forgotten your password:

1. Go to [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org).
2. Choose the **Online Transactions** menu option at the left side of the page.
3. Choose **Get New Password** item in the list of available transactions.
4. Enter your first name, last name and current email address.
5. Click the **Submit** button.

The system will display a message confirming that it is sending your User Name and a system-generated 8-digit password to the email address we have for you.

It may take several minutes for the message to arrive. Please **do not** request another password. If the message appeared on your screen, the email will come.

Once you receive your User Name and password and have signed on, we recommend that you change the system-generated password to one of your choosing using the **Change Password** option.



You can always request a new password using the above steps 1 - 5 each time you need to make a payment online for membership renewal or course registration. It doesn't bother us!

And if you share your computer with another ALRI member, you will find it helpful to close and reopen your Internet browser between registering the two persons. Also in this case, **don't** check the box asking ALRI to remember your password. Using this option forces your computer to recognize only one of you for payment transactions and may block the other.

## COURSE REGISTRATION

### Online Registration

1. Once semester registration begins at **10 AM on February 7, 2011** go to **www.ArlingtonLRI.org**.
2. Sign on with your **User Name** and **Password**. (We recommend you verify that you can sign on prior to the busy first week of course registrations.)
3. Choose **Online Transactions** menu option.
4. Choose **Register/Renew** transaction.
5. Enter your **User Name** and **Password**.
6. Click the **Log In** button.  
The **Online Payment Form** will appear.
7. Select your desired courses from the drop-down list. **Important Notes:**
  - The drop-down list of courses is accessible only after **10 AM on February 7**.
  - Cancelled or filled courses do not appear on the drop-down list.
8. You also can choose to:
  - Serve as a class aide in any or all of the classes selected.
  - Renew your current or expired membership (\$55 per annum, tax-deductible).
  - Make a tax-deductible donation to ALRI.

9. Click the **Proceed to Checkout** button.
10. Review your payments and either:
  - Choose **Edit** if you wish to make any changes (which returns you to the **Online Payment Form**); or
  - Choose **Submit**.  
You will be transferred to the VeriSign secure website for entering your credit card information.
11. Enter your credit card number and expiration date. Choose Visa or MasterCard.
12. Click **Continue**. Review the information and:
  - If necessary, you may cancel the transaction by closing the screen using the red X in the upper right corner.
  - If satisfied with your billing information, click the **I Authorize This Transaction** button.  
Your credit card account will be charged at this time.
13. Confirmation of Registration
  - A message will appear on the screen confirming your registration.
  - An email is sent to you confirming your registration and payment.
  - This email is your formal notice of course registration. Please PRINT IT OUT for your records.

To see all these steps illustrated, view our tutorial under the **Online Transactions** button on the left side of the ALRI homepage.

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: Questions? Call or email the ALRI office: :  
:

- **703-228-2144**
- **ALRI@ArlingtonLRI.org**

: The office is staffed from 10 AM to 3 PM, :  
: Monday through Thursday. :  
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# ALRI

## SPRING COURSE PREVIEW



Learn about our spring courses and join us for light refreshments in the new Washington-Lee High School “café” overlooking the playing fields and stadium.

### Open to non-members too!

Take advantage of the chance to hear our instructors talk about their course offerings. Bring friends, relatives and neighbors who meet ALRI’s basic age requirement and who have an interest in joining. Our preview offers an opportunity not only to sample upcoming courses, but also to chat with instructors and other ALRI members and to learn more about clubs, special events and volunteer opportunities.

### PLEASE JOIN US!

**Saturday, February 5, 2011**

Doors open at 9 AM – socialize until 1 PM

Presentations by instructors: 9:30 AM – Noon

Washington-Lee High School  
1301 North Stafford St., Arlington, VA  
Near Washington Boulevard and I-66

There is ample free parking in the I-66 garage (entrance on North Stafford Street or 15th Street North). Metro’s Ballston Station on the Orange Line is three blocks away. Call the ALRI office at 703-228-2144 for specific directions or any questions.



## Special Events for ALRI Members

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ALRI's Special Events opportunities provide a variety of attractions to complement its course offerings. Some require a modest admission fee while others are free. Registration is required only for events not scheduled at County libraries.

Suggestions from members for future places of interest are always welcomed by the Special Events Committee as the greater Washington area is a treasure trove of opportunities, some of which—such as embassy visits—are otherwise normally private.

Members with email addresses on file with ALRI receive monthly reminders of the upcoming events, but members are encouraged to check the ALRI website for the most current listings.

### Registering for a special event is simple and easy.

- ALRI members can register online at [www.ArlingtonLRI.org](http://www.ArlingtonLRI.org). Click on the **Special Events** tab on the left side of the ALRI home page. Then click on the **Register** option to select the button beside the desired event. Enter your first and last name and click on **Make Reservation**. A notice will appear immediately indicating whether you are registered or on the waiting list.
- Or you can email your selection to [ALRI@ArlingtonLRI.org](mailto:ALRI@ArlingtonLRI.org) with "Special Event Registration" in the subject line, noting your full name and the event requested in the body of the email.
- The third way to register is to call the ALRI office at 703-228-2144 and leave a message including your full name, phone number and the event requested.

After your phoned or emailed request has been processed, an ALRI volunteer event coordinator will notify you of your registration status. You should call this event coordinator if you later need to cancel your registration.

Events held at Arlington libraries require no registration and are open to the public. They are a good way to introduce your friends to ALRI and the caliber of its offerings. Events requiring registration are reserved for current members only. Your most recent catalog or newsletter address label includes your membership expiration date.

Special events are popular, and those on the waiting list will appreciate your canceling your reservation if you are unable to attend an event. You may do this online or by contacting the ALRI office at the above number.

**Remember to check the ALRI website for dates and additional information!**  
**[www.ArlingtonLRI.org](http://www.ArlingtonLRI.org)**



# **WANTED: Volunteers**

## **ALRI wants YOU!**

...to participate in the many activities in which we are involved: developing courses, putting together the catalog, writing and publishing the newsletter, recruiting new members, planning special events, and many more. It's a wonderful opportunity to meet people who share your interests, to develop new skills – or to use the skills you spent years developing.

ALRI members are a great community of people, and your participation will help to make it even greater. Please contact the ALRI office at 703-228-2144 or [ALRI@ArlingtonLRI.org](mailto:ALRI@ArlingtonLRI.org).

## **Do Your Part As a Member!**

### **Volunteer to be a Class Aide**

#### **What do I do?**

- Serve as interface between instructors, class attendees and the ALRI Administrator
- Take attendance and distribute/collect evaluations
- Pick up photocopied class materials at the office and take them to class
- Set up, with assistance if needed, any audiovisual equipment needed by instructor
- Communicate with the class in the event of schedule changes

#### **What benefits will I have?**

- Get to be an integral part of ALRI
- Get free parking while attending the class
- Get to know your classmates and the instructor

#### **How do I volunteer?**

- Check the “Class Aide” column when registering for a class
- Respond when contacted prior to beginning of semester by a Class Aide coordinator who will provide details on aide training and specific audiovisual needs of class
- Attend the one-hour orientation/training session before classes start
- Review the take-home guide covering all aspects of the job

*Virtually all classes have an aide and a backup – you will not be alone!*

**Questions about Class Aides? Contact Carolyn Gosling at [ALRI@ArlingtonLRI.org](mailto:ALRI@ArlingtonLRI.org) or call 703-228-2144 and leave a message.**

## CLUBS at ALRI

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ALRI's special interest clubs are busy organizing events for their members. Join ALRI and add club events to your calendar at no extra cost. If you're interested in movies, you can meet monthly with others to see a film and chat about it over coffee afterwards. If you enjoy a friendly bridge game, join the Bridge Club. Share your ideas on timely topics with the Current Issues Discussion Club. Discuss nonfiction literature selections with the Book Club. Or explore your international interests through the Ethnic Lunch Club or Travel Club.

If you have a consuming interest and would like to engage other like-minded souls to participate in it with you, consider starting a club of your own. Contact Margie Teed at teed-fam@verizon.net or 703-533-8698 to discuss your ideas. Here are the current clubs and their coordinators.

### BOOK CLUB

Meetings are held from 1:30 to 3:00 PM every other month on the second Monday of the month in the meeting room at the Arlington Public Library Main Branch on Quincy Street. For more information contact Marge Alia at Malia04@comcast.net (please enter ALRI Book Club in the subject area of your email.)

### BREAKFAST CLUB

Are you a morning person? If so, join the Breakfast Club for conversation and social networking with other ALRI members. We meet Wednesday mornings from 8 to 9 AM at La Madeleine, a low-key, Parisian style breakfast and coffee place in Baileys Crossroads near the intersection of Columbia Pike and Leesburg Pike (Rte 7). For more information email Karen Cavanaugh at kcavanaugh6@verizon.net.

### BRIDGE CLUB

The Bridge Club meets once a month on an irregular schedule at the homes of club members to play bridge. Either a meal or a snack is served, with each player paying the host \$5 to offset the cost of food and drink. The coordinator describes the sessions as "very social and probably not ideal for someone who wants to play very serious bridge." If you are interested in joining, please contact Bernice Foster at fosterbf@aol.com.

### CINEMA CLUB

If current cinema is your passion, join the Cinema Club, which meets monthly to see a movie. Dates are chosen as much as possible to accommodate participants' schedules. If you would like to be included in this group's activities, email Leanne Peters at PetersLP@aol.com or Janice Yeadon at jnyeadon@hotmail.com.

### CURRENT ISSUES DISCUSSION GROUP

The ALRI Current Issues Discussion Group meets the third Tuesday of every month at 1:30 PM at the Lubber Run Community Center. Anyone interested in the group can get more information from Jim Walsh at walsh22204@aol.com or 703-920-1709.

### ETHNIC LUNCH CLUB

The Ethnic Lunch Club, a group of "foreign foodies," meets usually on the last Thursday of the month to explore and enjoy the area's great ethnic food. To join, call the ALRI general line, choose the clubs option (5) and leave a message for the Ethnic Lunch Club coordinator, Arlene Kigin, who will contact you.

### TRAVEL CLUB

The ALRI Travel Club meets the first Wednesday of each month at 2:30 PM at the Langston Senior Center. They enjoy presentations on various parts of the world and share information on trips taken or planned. All ALRI members are welcome. For more information call Sharon Schoumacher at 703-522-9014 or email her at Sharon1006@verizon.net.



Book Club meeting

# TRANSPORTATION

ALL CLASSROOM BUILDING SITES ARE IN ARLINGTON	PARKING		METRORAIL STATION ❖ OR BUS ROUTE
	Public Garage or Lot	Street Parking (restricted parking zones listed)	
<b>AH</b> Aurora Hills Community Center <i>735 18<sup>th</sup> Street South</i>	Free lot adjacent	Free and metered Two-hour limit	Pentagon City station ❖ or Metrobus 10A, 13F/G
<b>CEC</b> Clarendon Education Center <i>2801 Clarendon Boulevard</i>	Pay garage at Clarendon Market Commons – across street	Metered and Zone 6	Clarendon station ❖ or ART 41/42/77 or Metrobus 24P/38B - walk 1/4 mile or 3 blocks
<b>FCC</b> Fairlington Community Center <i>3308 S. Stafford Street</i>	Free lot adjacent	Free and Zone 11	Metrobus 22A/25A/ 25C - walk 50 ft
<b>GMU</b> George Mason University - VA Sq <i>3351 N. Fairfax Drive</i>	NONE	Metered and Zone 6	VA Square station ❖ or ART 41/42 or Metrobus 24P - walk 1/6 mile or 3 blocks
<b>MU</b> Marymount University – Ballston <i>1000 N. Glebe Road</i>	Free lot adjacent	NONE	Ballston station ❖ - walk 1/3 mile or 5 blocks
<b>PI</b> Potomac Institute <i>901 N. Stuart Street</i>	Pay garage at Ballston Commons mall 2 blocks away	Metered	Ballston station ❖ or many ART & Metrobus routes
<b>WETA</b> WETA Public Television and Radio <i>2775 S. Quincy Street</i>	Free garage adjacent	Metered	ART 77/87/82 bus & Metrobus 25A/D, 22A - walk 50 ft
<b>WRC</b> Walter Reed Community Center <i>2909 16<sup>th</sup> Street South</i>	Free lot adjacent	Free	ART 74/77 bus & Metrobus 10B - near parking lot

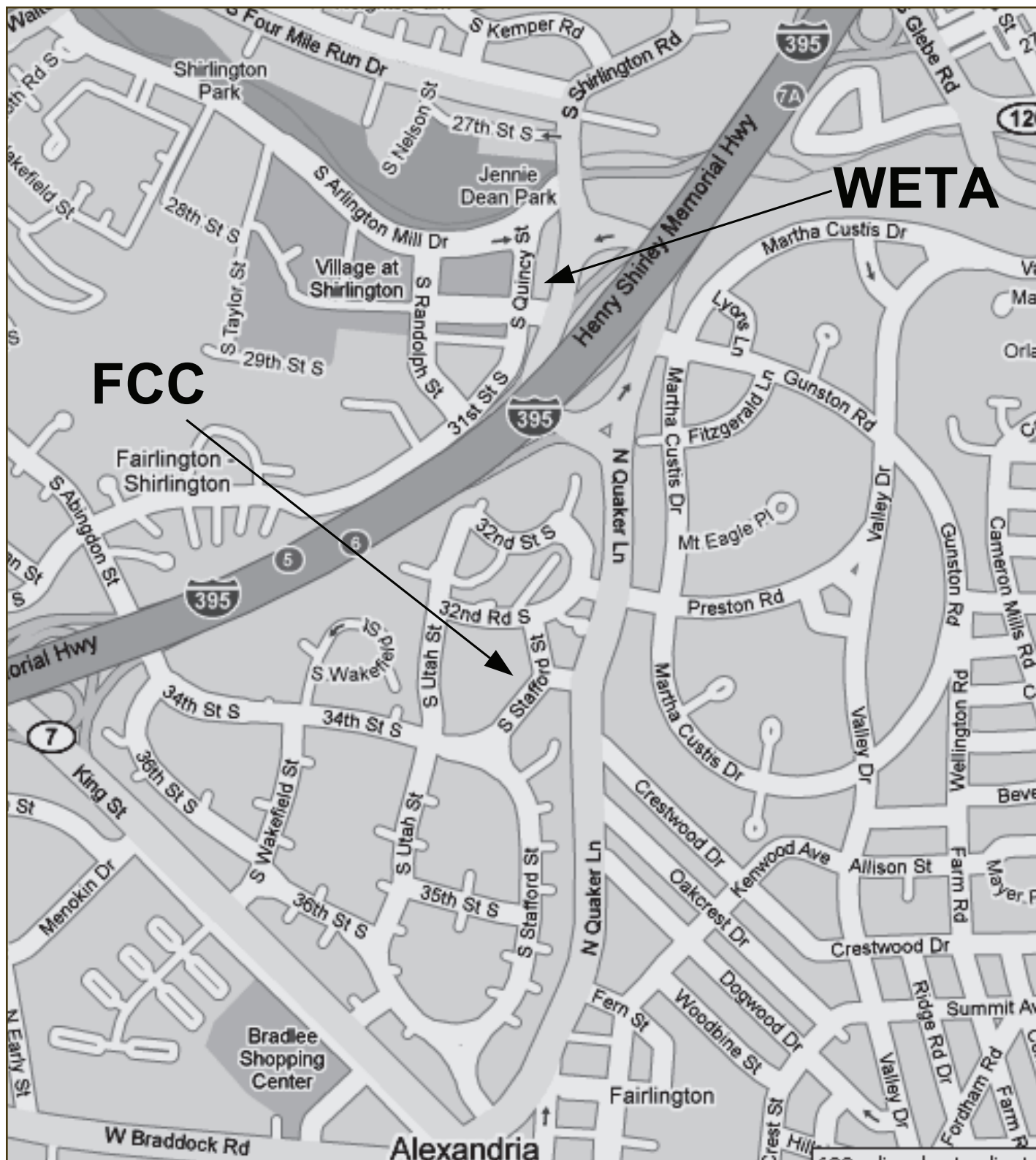
❖ **Ballston, Clarendon, Courthouse and Virginia Square Metrorail stations are on the ORANGE Line. The Pentagon City station is on the BLUE/YELLOW Line.**

Suggestion: Try using google.com to get directions to class. You can select your mode of transportation (walking or by car) and Google will provide a map, detailed directions, the distance in miles, and the transit time. Use [www.wmata.com](http://www.wmata.com) for public transit information, directions, timetables, etc.

# MAPS: Aurora Hills Community Center

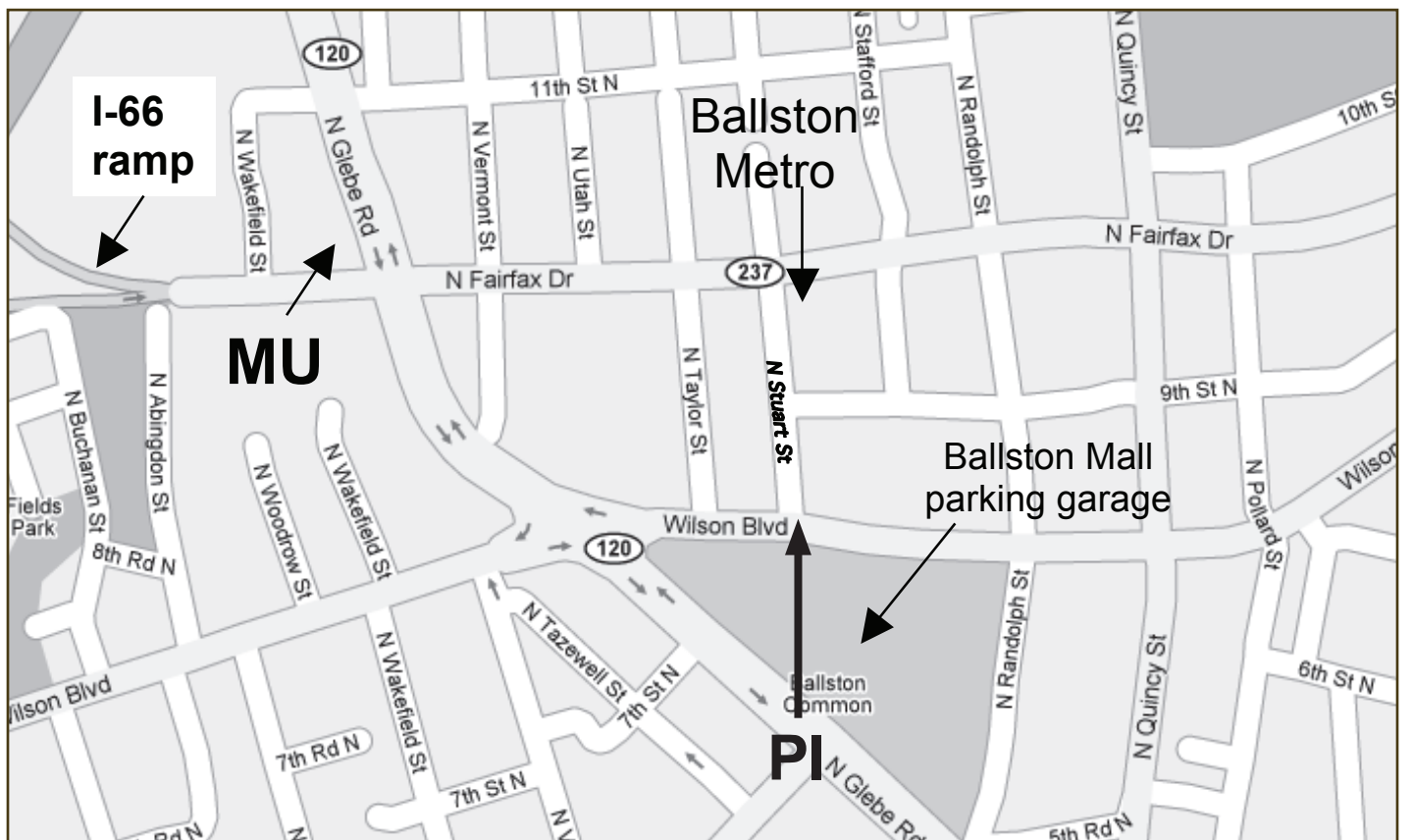
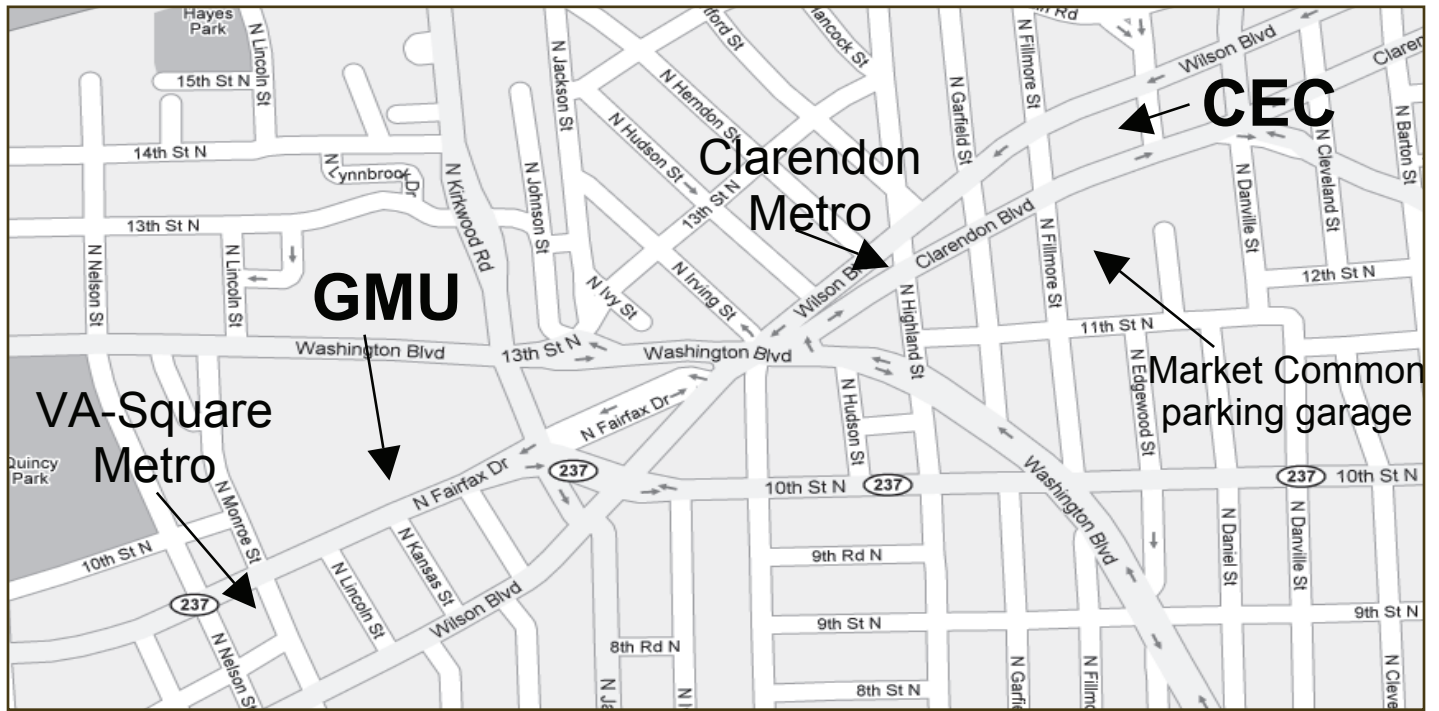


# MAPS: Fairlington Community Center, WETA

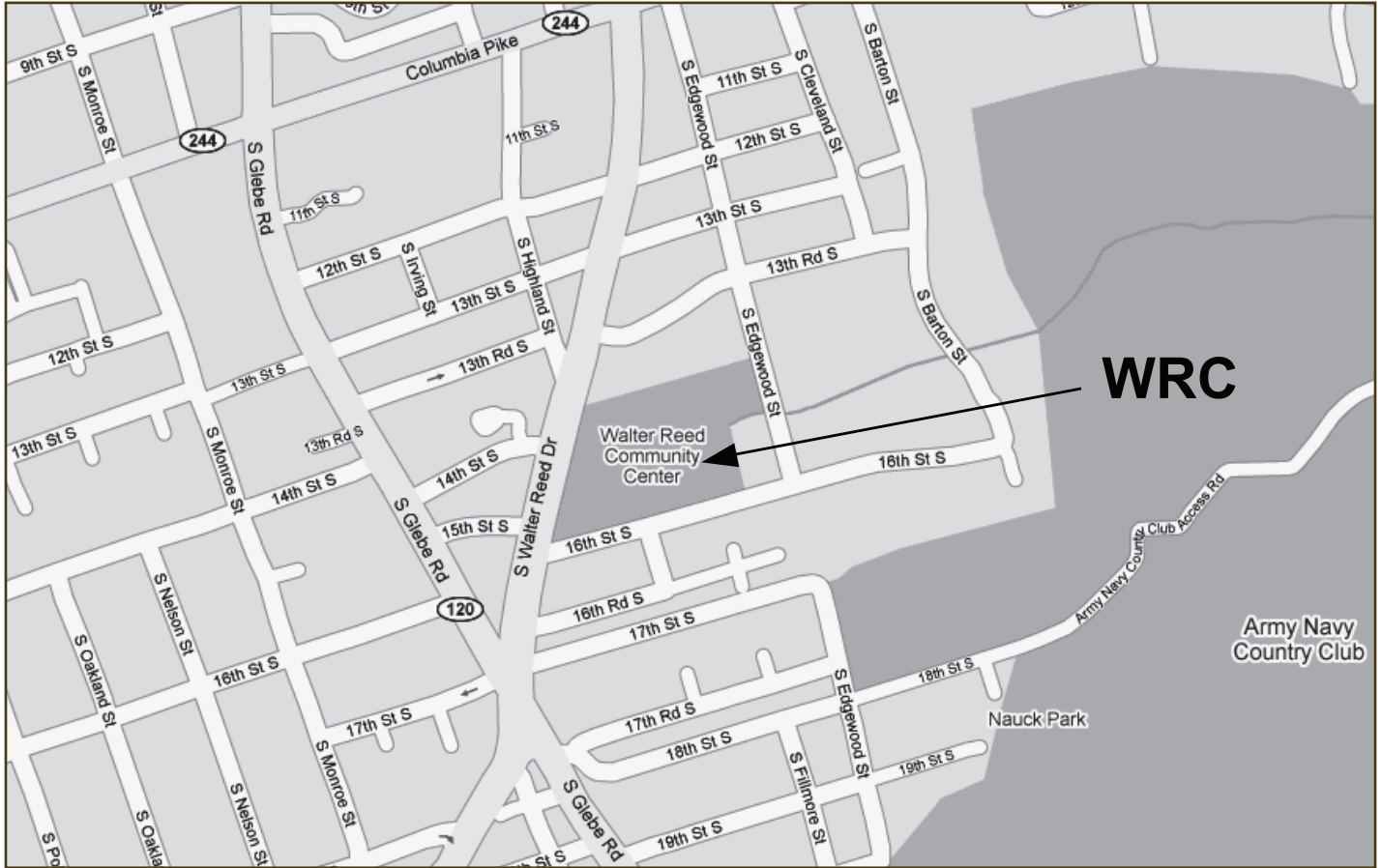




# MAPS: Clarendon Education Center, GMU, MU, PI



# MAPS: Walter Reed Community Center



# COURSES by Calendar View

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>MORNING</b>		9:30–11:30 / GMU <b>623 Genomics</b> <i>Welch</i> 3/8–4/12	9:30–11:00 / GMU <b>224 21st Cent. Medicine</b> <i>Connally</i> 3/9–4/27		
	10:00–11:30 / FCC <b>133 Educated Audience</b> <i>Ohlandt</i> 3/7–4/18	10:00–11:30 / GMU <b>703 The Washington Post</b> <i>Various</i> 3/8–4/26	10:00–12:00 / WETA <b>515 Writing About Life</b> <i>Bottum</i> 3/16–4/20	10:00–11:30 / GMU <b>412 Global Hot Spots</b> <i>Various</i> 3/17–5/12	10:00–11:30 / GMU <b>425 African Conflicts</b> <i>Aapengnuo</i> 3/11–4/8
	10:00–11:30 / GMU <b>535 Religion In Literature</b> <i>Burns</i> 3/14–5/2	10:30–12:30 / GMU <b>714 Contemporary Islam</b> <i>Farsakh</i> 3/15–4/19	10:30–12:00 / GMU <b>333 History of Globalization</b> <i>Stearns</i> 4/6–4/27	10:30–12:00 / GMU <b>421 Federal Budget</b> <i>Various</i> 3/24–5/5	10:00–11:30 / GMU <b>621 Photographing ...</b> <i>Cochran</i> 4/22–5/13
	10:30–12:00 / GMU <b>123 Am. Painting Since 1750</b> <i>Schnorrenberg</i> 3/14–5/2	10:30–12:00 / GMU <b>724 Intro. to Kant</b> <i>Scherer</i> 3/29–5/3			10:00–11:30 / GMU <b>622 Large Hadron Collider</b> <i>Metzler</i> 3/11–4/8
	11:30–1:00 / GMU <b>135 Gilbert &amp; Sullivan</b> <i>Stepanchuk</i> 3/14–4/11		11:30–1:00 / MU <b>731 The Post-Carbon Era</b> <i>Whipple</i> 3/9–4/27		12:00–1:30 / CEC <b>134 Am. Pop. Songs</b> <i>Mosser</i> 3/11–5/6
<b>AFTERNOON</b>		1:00–2:30 / MU <b>202 Estate Planning</b> <i>Parks</i> 4/26–5/17	1:00–2:30 / CEC <b>136 Another Set of Hands</b> <i>Niles</i> 3/9–4/13	1:00–2:30 / CEC <b>315 Gettysburg Campaign</b> <i>Stone</i> 3/10–5/12	12:30–2:30 / GMU <b>303 Carthage &amp; N. Af.</b> <i>Wukitsch</i> 3/11–5/13
	1:30–3:00 / CEC <b>307 Foods From Americas</b> <i>Weinstein</i> 4/4–5/16	1:00–2:30 / GMU <b>414 U.S. Congress</b> <i>Barton</i> 3/15–4/19	1:30–3:00 / AH <b>327 Geopolitics of ...</b> <i>Rudgers</i> 4/6–5/11	1:00–2:30 / CEC <b>726 Government Ethics</b> <i>Sheehan</i> 4/28–5/19	1:30–3:00 / GMU <b>521 Outside/Inside</b> <i>Alter</i> 4/15–5/20
		1:30–3:30 / FCC <b>611 Env. Sust. Gardening</b> <i>Buhls, Various</i> 3/15–5/3	1:30–3:30 / Off-site <b>603 A Naturalist's Tour</b> <i>Ogle</i> 4/13–5/18		
	3:00–5:00 / PI <b>617 Neurobiotechnology</b> <i>Giordano</i> 4/18–5/23		1:30–3:00 / CEC <b>717 Pilgrimage</b> <i>Pederson</i> 3/9–5/4	3:00–4:30 / Off-site <b>305 Arlington History</b> <i>VanNewkirk</i> 4/7–5/19	
				3:00–4:30 / CEC <b>402 Bill of Rights</b> <i>Weinberg</i> 3/10–4/7	

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**Register Early for Classes!**

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