

**Celebrating 42 Years of
CONTINUING EDUCATION**

Daytime Courses for the Public

*Sponsored by the
Alumnae of Northwestern University*

**Fall Quarter 2010
Tuesdays and Thursdays
Sept. 21-Dec. 2**

- A. Global Issues and Perspectives, 2010**
Faculty from various departments
Tuesdays, 9:30-11:30 a.m., Sept. 21 – Nov. 30

- B. 18th Century Music:
Roots and Repercussions of the Galant Style**
Drew Davies, Assistant Professor, Musicology
Tuesdays, 12:45-2:45 p.m., Sept. 21 – Nov. 30

- C. Nanotechnology and Medicine: Hype or Hope?**
Faculty from various departments
Thursdays, 9:30-11:30 a.m., Sept. 23 – Dec. 2

- D. Current Issues and the Law**
*Stephen Presser, Raoul Berger Professor of Legal History
and Professor, Business Law, Kellogg*
Thursdays, 12:45-2:45 p.m., Sept. 23 – Dec. 2

Visit us at our Web site: nualumnae.org

(**Notice:** There will be no classes on Tuesday, Oct. 26, and Thursday, Nov. 25.)

ABOUT NU ALUMNAE CONTINUING EDUCATION

Alumnae Continuing Education is a program of university-level noncredit courses taught by members of the Northwestern University faculty. Established in 1968, it remains unique as a program organized and run entirely by volunteers, all alumnae of Northwestern.

Alumnae Continuing Education is open to everyone. It provides a stimulating opportunity for interested adults to gain a broad knowledge in many fields. All profits are given to the University in the form of scholarships, fellowships, and grants for carefully selected projects.

Registration Information

To register for a course, see page 11, or download a form from our Web site at: nualumnae.org

Questions?

Call our voicemail at (847) 604-3569 with any questions. Important changes, such as of class time or location, will be recorded on our voicemail message and will also be posted on our Web site.

PREVIEW OF WINTER COURSES

Tuesdays and Thursdays, January 4 – March 10, 2011

- A. **Doing History: The Many Ways of Uncovering the Past**
Professors from the Department of History
- B. **Master European Filmmakers**
Faculty from various departments
- C. **Great Minds; Great Ideas**
Faculty from various departments
- D. **Dante's *Divine Comedy* and Treatise on Universal Peace**
Robert Lerner, *Peter B. Ritzma Professor Emeritus in the Humanities*

PARKING INFORMATION

- Registrants for one or more 10-week Continuing Education courses may request a parking permit to park in the north half of the University's Ryan Field WEST parking lot D, located off Ashland Avenue just west of the stadium. Shuttle buses between WEST lot D and class locations run every 15 to 20 minutes between 8:30 a.m. and twenty minutes after the last class ends. "The Early Bird Lunch Bus" leaves the West parking lot promptly at 11 a.m. for afternoon students planning on lunch before class. The entrance to WEST lot D is at the north end of Ashland Avenue near the intersection with Isabella Street. Your "D" parking permit, mailed with your registration card, must be displayed with the printed side visible through the windshield and may not be used for other University lots. Carpooling is strongly encouraged.
- Per diem students do not receive a parking permit. Parking permits for the Ryan West lot are limited to those registered for at least one 10-week course.
- To receive a parking permit good for the course term, you must check the parking box in the registration form on page 11. We will mail your parking permit with your class entry card before classes begin if your registration is postmarked on or before the early registration date of August 24, 2010. For registrations postmarked after August 24, class entry cards and parking permits will be held at the door.

Alternative Parking and Parking for the Handicapped

- There is a public parking garage four blocks southwest of Norris Center, just east of Chicago Avenue. It can be accessed from Clark Street or Church Street. (Church runs eastbound only.)
- **HANDICAPPED PERMITS** for University lots are available from University Police, 1819 Hinman Avenue., upon showing them your (1) class entry card, (2) Ryan Field parking permit, and (3) proof of State of Illinois handicap status.

About our Course B and Course D Professors

Well-acquainted with all aspects of music history, **Drew Davies** specializes in music of Iberia and Latin America. In 2006, he received the Wiley Housewright Award from the Society for American Music for his University of Chicago dissertation on the influence of Italian music on the aesthetics of devotional music in 18th century Mexico.

Stephen Presser has been a professor in the Northwestern School of Law for 34 years. He holds a joint appointment at Northwestern's Kellogg School of Management. The author or co-author of more than a dozen books, Presser is one of the country's leading experts on shareholder liability for corporate debts. He frequently testifies before Congress on legal issues.

A. Global Issues and Perspectives 2010

Faculty from various departments

Tuesday mornings, 9:30-11:30 a.m., Norris University Center

In this course we will call upon the scholarship and expertise of faculty from multiple disciplines to examine a variety of global issues which greatly impact our world today. By giving a historical perspective, each class will enhance our understanding of a complex issue at the forefront of today's global landscape.

Sept. 21 **Assessing America's Global Position**

Jonathan Caverley, *Assistant Professor, Political Science*

This lecture examines the current geopolitical position of the United States and its future prospects. We will first consider what makes a country powerful, then whether or not the United States is declining in power, and finally what the United States should do with the power it possesses. Areas to be explored as sources of international influence include military capability, economic strength, diplomatic prowess, and cultural prestige.

Sept. 28 **The Mother of all Global Issues: The Environmental Challenge**

Thomas William Heyck, *Professor Emeritus, History*

Population growth, the desire for goods and services without limit, and a devotion to economic growth threaten to overwhelm the earth's carrying capacity. Has the process gone too far to be reversed?

Oct. 5 **Post-Soviet Russia**

John Bushnell, *Professor, History*

Crime, corruption, and authoritarianism; or books, beer and cottages? Which picture characterizes contemporary Russia? We know that there is not much more than a façade of democracy in Russia, that Russia has one of the highest levels of corruption in the world, and that organized crime flourishes. But it is also true that Russia produces more books now than in any time in her history; much better beer is available; and millions of Russian villagers are giving up farming and are earning a living in a variety of ways unavailable before. And formerly wretched cottages are being transformed into handsome houses. Is there a connection between these two different Russian realities?

Oct. 12 **Mexican Immigration to the United States**

Geraldo Cadava, *Assistant Professor, History*

Mexican immigration has divided American communities in the past, especially during the Mexican Revolution, The Great Depression, World War II, the Cold War, and following the Immigration and Nationality Act of 1965 and the Immigration Reform and Control Acts of 1986 and 1996. In this class, we will consider the social, political, and economic dynamics of each of these times, thereby developing tools for thinking about immigration debates in the present.

- ⁵**Oct. 19** **21st Century Plagues: Managing Global Health Threats**
Michael Diamond, *Lecturer, Biomedical Engineering/Global Health Studies*
Disease knows no borders. Both pathogens and lifestyles move around the world and the people of every country share the risks. This lecture will examine the global epidemiology of some emerging diseases and threats to the population of the world, and explore effective technological and organizational intervention strategies for responding to them.
- Oct. 26** - **No class**
- Nov. 2** **Comparative World Economics: U.S. Emergence as World Leader**
Robert Coen, *Professor Emeritus, Economics*
This lecture will examine historical changes in world economic leadership, from the Dutch in the 18th century, to the British in the 19th, and finally to the U.S. How did each nation manage to surge to the front of the pack? How did they lose this edge, and what can we learn from this history?
- Nov. 9** **Prospects for Continued U.S. Leadership of the World Economy**
Robert Coen, *Professor Emeritus, Economics*
In this class, we will trace the evolution of the U.S. economy since WWII from a global perspective and assess the outlook for the future. How does U.S. productivity growth compare to other nations? Why do growth rates differ? Will the greatest future economic challenges for the United States come from external or internal forces and realities?
- Nov. 16** **Thinking About Nuclear Proliferation**
Jonathan Caverley, *Assistant Professor, Political Science*
Should we be surprised that there are so many nuclear weapon states or so few? Is there any way to stop states from acquiring nuclear weapons, and how can (or should) the United States live with states that do? This lecture will pay special attention to efforts to prevent Iranian acquisition of nuclear weapons capability.
- Nov. 23** **European Union**
Michael Loriaux, *Professor, Political Science*
The unification of Europe is the most ambitious peace-making experiment in human history and one of the most momentous structural changes in international politics in recent times. The phenomenon of European unification, however, is poorly understood in the United States, and the challenges and opportunities it presents are frequently overlooked.
- Nov. 30** **The Making of the American Borders**
Geraldo Cadava, *Assistant Professor, History*
After a historical review of events leading to the defining of current U.S. geographical borders, this lecture will focus on the United States-Mexico border as it evolved through the Texas Revolution, the Mexican-American War, and throughout the 20th century. For each period, we will examine U.S. efforts to police the borders, and will also assess the various racial, cultural, economic, and security concerns involved.

6 B. **18th Century Music: Galant Style Roots and Repercussions**

Drew Davies, Assistant Professor, Musicology

Tuesday afternoons, 12:45-2:45 p.m., Norris University Center

Some of the most significant composers of Western art music -- J. S. Bach, Haydn, and Mozart -- worked during the 18th century, a time of considerable intellectual and social change on a global scale. Therefore, these composers worked in dialogue with a diverse wealth of musical traditions, most significantly the Neapolitan galant style. This course will contextualize the works of these “great” composers within the mainstream practices and preoccupations of the day to reach a richer understanding of the period, a period that at times was far from refined and far from “classical.”

Sept. 21 The 18th Century as a Period of Music and Culture

Though many music historians divide the 18th century into two periods, the “late baroque” and the “classical,” it is also clear that there was a great continuum of practices across the period.

Sept. 28 Modular Instrumental Music

Purely instrumental music surged in popularity during the 18th century.

Oct. 5 The Querle des Bouffons

“Modern” comic opera from Italy in a clash with old-fashioned French opera

Oct. 12 The Neapolitan Galant

If any style was mainstream in the 18th century, it was the Neapolitan galant style, noted for its clear textures, lyrical singing and balanced phrasing.

Oct. 19 The Castrato

The centerpiece of galant musical aesthetics was the castrato singer, renowned for vocal versatility, power and range. (No class on Oct. 26.)

Nov. 2 European Music in New Spain and British North America

Musical cultures developed very differently in New Spain and in Colonial America, as the northern colonies consumed British galant music and composed severe psalm settings, while significant Italian composers composed elegant new music for the churches of Mexico and Latin America.

Nov. 9 Viennese “Classicism”

Why was there such a florescence of music in late 18th century Vienna? Is “classicism” a relevant descriptor of the wonderful repertoire of this era?

Nov. 16 Turks and Gypsies

Gypsy and Turkish music infiltrated many European compositions of the era, as Europeans saw these exotic traditions as both fascinating and threatening.

Nov. 23 The Symphony

This class will trace the symphony, often considered the apogee of musical culture, from its inception in the 1740s through the end of the century.

Nov. 30 Toward Romantic Subjectivity

Some historians consider Haydn and Mozart the first of the “Romantic” composers, ushering in a new aesthetic world. Were they right?

⁷ **C. Nanotechnology and Medicine: Hype or Hope?**
Faculty from Weinberg College of Arts and Sciences, McCormick School of Engineering, and Feinberg School of Medicine

Thursday mornings, 9:30-11:30 a.m., Norris University Center

Nanotechnology gives us an entirely new way to make and study materials and devices in all fields of science and engineering. Nanomaterials have properties which are totally different from large samples of the same material. Discovery of size-dependent properties of a particular material opens the door for new ways of using the material. New applications become possible because nanoscale items are so small that they can often be placed into an environment, such as the human body, without harming it. Northwestern is a leader in nanotechnology and this new area of medicine.

Sept. 23 Fundamentals of Nanoscience – Size Matters!

Mark Ratner, *Dumas University Professor of Chemistry; Co-Director, Initiative for Energy & Sustainability (ISEN) at Northwestern*
What is nano? Why nano now? Why nano at Northwestern? Why nano and medicine? How can we see, touch, and imagine the nanoscale?

Sept. 30 Nanodiamonds – Gems to Help Treat Cancer

Dean Ho, *Assistant Professor, Biomedical Engineering and Mechanical Engineering; Robert Lurie Cancer Center, Feinberg School of Medicine*
Recent studies show that nanodiamonds can be effective carriers of a broad array of therapeutic compounds in the treatment of cancer.

Oct. 7 Biomedical Nanotechnology: New Hope!

Shad Thaxton, MD, *Assistant Professor, Urology, Feinberg School of Medicine; Robert Lurie Cancer Center, Feinberg*
How can nanotechnology overcome the challenges to treating specific diseases, such as cancer, diabetes, and heart disease? What are the current barriers to success?

Oct. 14 Blurring the Boundaries: Medicine at the Interface between Physical and Life Sciences

Mark Hersam, *Professor, Materials Science & Engineering, McCormick School of Engineering; Professor, Chemistry*
Frontier research is applying nanoscale imaging tools (traditionally used in the physical sciences) to better understand the structure and properties of DNA and is finding new uses for nanomaterials (from electronics and alternative energy technologies) in medical diagnostics and therapeutics.

Oct. 21 Re-Growing Body Parts: Regenerative Medicine

Ramille N. Shah, *Assistant Professor, Material Science & Engineering, McCormick School of Engineering; and Orthopaedic Surgery, Institute for BioNanotechnology in Medicine*
How can new advancements in biomaterial design be used in tissue engineering to improve the function of, or completely replace, tissues damaged from trauma or disease?

- ⁸**Oct. 28 Building Fertile Ground for Cells to Grow**
Lonnie Shea, *Professor, Chemical and Biological Engineering, McCormick School of Engineering*
How can new biomaterials and novel gene delivery systems promote the regeneration of cells in transplantation sites and augment cell therapies?
- Nov. 4 Can Stem Cells Be Used to Treat Failing Hearts?**
Douglas Losordo, MD, *Eileen M. Foell Professor of Heart Research, Feinberg School of Medicine; Director, Cardiovascular Research Institute; Director, Program in Cardiovascular Regenerative Medicine*
Clinical trials currently provide evidence that the use of special endothelial cells, enhanced through the use of nanofibers, can repair blood vessels.
- Nov. 11 Alzheimer's Disease: Nano-based Solutions to the Cause, Diagnosis, And Treatment**
William L. Klein, *Professor of Neurobiology and Physiology; Cognitive Neurology & Alzheimer's Disease Center, Feinberg*
New, award-winning nano-based strategies are being used to develop solutions to the real-world biomedical problems related to Alzheimer's disease (AD) and treatments that target the earliest stages of AD, when dementia manifests as a crippling inability to form new memories.
- Nov. 18 Cutting Edge Cancer Therapies**
Reed A. Omary, MD, *Professor, Radiology and Biomedical Engineering; Vice Chairman of Research, Department of Radiology, Feinberg School of Medicine*
Interventional radiologists, who invented minimally invasive medicine, now seek to incorporate nanotechnology into their cutting edge toolboxes and develop new therapies for cancer, especially tumors in the liver and pancreas.
- Nov. 25 No Class – Thanksgiving**
- Dec. 2 Advances in Genetic Medicine**
Rex Chisholm, *Adam and Richard T. Lind Professor of Medical Genetics; Founding Director, Center for Genetic Medicine; Director of the N.U. Biomedical Informatics Center; and Director for Research, Feinberg School of Medicine*
Many wonder, "How can you sequence my personal genome?" This lecture will explore the idea behind personalized medicine, how rapid advances in the ability to decipher individual genome sequences will impact the practice of medicine, and the societal implications of having this large amount of genetic information.

2010 Alumnae Award

We are pleased to announce that Sandy Neville Haggart, founder of Feed the Dream, which serves over 1,000 Guatemalans each day, is the recipient of the 2010 Alumnae Award, given annually by the Alumnae of Northwestern to an outstanding female graduate. The award will be presented at a reception on Sunday, October 3, 2010.

D. Current Issues and the Law

Stephen Presser, *Raoul Berger Professor of Legal History*
and *Professor, Business Law, Kellogg School of Management*

Thursday afternoons, 12:45-2:45 p.m., Norris University Center

This course will deal with current problems in American public and private law through the exploration of four hundred years of Anglo-American common law and constitutional traditions. Each class will focus on a particular historical case or aspect of the law in an effort to understand where we are today in the rule of law.

- Sept. 23 The King and Sir Edward Coke** (pp. 1-19)
Should the king be restrained by the common law? Is a king above the law?
- Sept. 30 The Zenger Trial** (pp. 38-62)
Should a royal governor have the same privileges as a king? Is freedom of the press a necessity in America?
- Oct. 7 The Declaration of Independence, The Pennsylvania Constitution, Jefferson, and the U.S. Constitution** (pp. 111-141 and 1310-1326)
Would you have signed the Declaration of Independence?
- Oct. 14 19th Century Private Law** (pp. 278-305, and 311-323)
The Law and Freedom to Contract: What duties do citizens owe each other?
- Oct. 21 Dred Scott and the Civil War** (pp. 513-560)
Was this case, which greatly influenced the Civil War, the Supreme Court's worst decision of all time, as some contend?
- Oct. 28 Women and the Family in the Nineteenth Century** (pp. 636-699)
Household democracy? How did common law treat women and children?
- Nov. 4 Brown v. Board of Education: (pp. 960-991)**
The Supreme Court and Social Policy: Was this the greatest Court decision?
- Nov. 11 20th Century Private Law** (pp. 992-1050)
Should the courts remake the economic relationships among the citizens?
- Nov. 18 Planned Parenthood v. Casey and Lee v. Weisman** (pp. 1206-1309)
Is abortion a constitutional right? Is prayer at public school graduation ceremonies unconstitutional?
- Nov. 25 No Class - Thanksgiving**
- Dec. 2 The Clinton Impeachment and Bush v. Gore** (pp. 1251-1309)
Was the impeachment of Clinton partisan politics? Did the Supreme Court select George Bush or did the Florida Supreme Court ignore due process?

Course Text:

Law and Jurisprudence in American History (7th Ed.), Presser and Zainaldin
(Pages referred to above will be taken from this text.)

REGISTRATION INFORMATION

- To register for one or more courses, use or copy the registration form on the facing page (page 11). Make checks payable to: **Northwestern University**. Mail check and registration form to:
Alumnae Continuing Education, P.O. Box 2789, Glenview IL 60025.
- **The early registration deadline is Tuesday, August 24, 2010.** For registrations postmarked by August 24, the cost is \$150 per 10-week course. Special savings for **one individual** signing up by August 24 for more than one course are listed in the box on the registration form. After August 24, the cost per course is \$165.
- To receive a parking permit, you **must** register for at least one full 10-week course and check the appropriate registration form box.
- If your registration is postmarked by August 24, your class entry card, parking permit, and a “purple sheet” giving all class locations and times will be mailed to you about two weeks before classes begin.
- **Be sure to bring your class entry card to each class, as it must be shown to the proctors at the door for entry to the class.**
- **Those registering after August 24** can pick up their class entry card and parking permit on the first day they attend class and will need to find alternative parking for that day. Registrations cannot be confirmed by phone. Your cancelled check verifies your registration.
- While most of our classes are held in Norris University Center, space and scheduling problems may necessitate changes. Classes are rarely cancelled because of bad weather or for any other reason, but if in doubt, call our voice mail (847) 604-3569, or, in extreme conditions, Norris Center (847) 491-1201. If Northwestern is open, so are we.
- **Enrollment may be limited by room capacity.** When the number of applications exceeds capacity, applications will be honored in order of receipt, or if mailed, by postmark. If the course you have requested is filled, we will notify you and return your check. Since per diems are seated as the class begins, be sure to arrive promptly for courses that are at capacity. After class begins we will make every effort, but cannot promise you a seat, even if you have a class card.

PER DIEMS

When space allows, **per diem students will be admitted for \$20 per class session.** If a course is at capacity enrollment, per diem students will receive numbered cards, and will be admitted at the beginning of the class as space permits. Our Web site identifies courses at capacity enrollment. Per diem students do not receive parking permits, so they must find alternative parking.

11 **Fall 2010 Continuing Education Registration Form**

Please enroll me in the course or courses checked below:

Early fee per course per person, if postmarked by August 24:

- A. Global Issues and Perspectives, 2010** \$150
- B. 18th Century Music** \$150
- C. Nanotechnology and Medicine: Hype or Hope?** \$150
- D. Current Issues and the Law** \$150

EARLY REGISTRATION FEE (up to August 24)

One person attending 2 courses	\$270
One person attending 3 courses	\$390
One person attending 4 courses	\$500

Registrations must be **postmarked** by Tuesday, August 24, 2010, for **all** early fees listed above. **After August 24, the fee per course will be \$165, and there will be no discount for multiple courses.**

To receive a parking permit for **Ryan West Lot D**, check the box below.

Name _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ email: _____

- I would like a parking permit good for the quarter.
- This is a new address./ Add my name to your brochure mailing list.

Make your check payable to ***Northwestern University***, and mail to:

Alumnae Continuing Education

P. O. Box 2789

Glenview IL 60025

(We are unable to accept credit card payment.)