



FIAT LUX

UCLA

Celebrating *Fiat Lux*
UCLA'S FRESHMAN SEMINAR PROGRAM

2006–2007



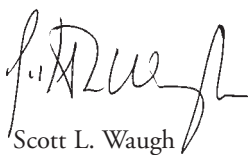
This is the fifth year of the *Fiat Lux* program at UCLA and it continues not merely to thrive but also to flourish. The basic goal of the program—to offer entering students the opportunity to study with world-class faculty in small, seminar-type classes—remains vital to the educational mission of UCLA. And it remains popular with students.

Fiat Lux courses are popular because they provide freshmen with an exciting educational experience right at the start of their careers at UCLA. They get to be part of small classes, with close access to UCLA's finest research faculty. They get to explore topics that are outside of the mainstream curricula in the disciplines. And they have the opportunity to engage in intense discussions and debate, to develop their critical thinking, and to explore issues and ideas that open up new intellectual horizons for them.

The program is also popular with the faculty. Each year, the program has successfully recruited more faculty members to teach *Fiat Lux* courses. They too enjoy the thought-provoking discussions and dialogue that the courses and topics generate. Their imagination, enthusiasm and expertise have enabled UCLA to expand both the number and scope of the classes. Almost 200 seminars were offered this year.

Many people, including faculty, staff and UCLA leadership, contribute to the success of *Fiat Lux*, inspired by the possibilities of enriching the undergraduate educational experience. Their dedication enables freshmen to experience firsthand a singular benefit of UCLA—an exciting opportunity to learn.

Congratulations to everyone who has made *Fiat Lux* such an outstanding program. We look forward to its continued success.



Scott L. Waugh

Acting Executive Vice Chancellor and Provost



Dear Colleagues,

I congratulate you all on another successful year of *Fiat Lux*. This year, a total of 197 seminars were taught focused on an astounding array of fields and topics (listed in this booklet). Most heartening, a total of 56 faculty members offered a seminar for the first time. These newcomers joined our loyal contributors from across the College and UCLA's eleven professional schools.

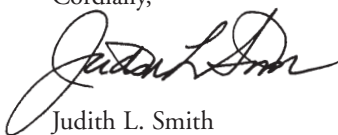
Faculty members are the strength of this program, and two years ago, we initiated a modest way of honoring and thanking those who participate. Using the creation of Professor Mihich Vasa of UCLA's Department of Design/Media Arts, we awarded a "Vasa Cube" each time a faculty member teaches four seminars. These beautiful 2 x 2 cubes symbolize the program's motto—*Fiat Lux* or "let there be light" by illuminating rays of light representing the paths to knowledge.

Today 38 *Fiat Lux* faculty will receive a Vasa Cube. Please see their names followed by an asterisk in the booklet that follows. Our goal is to have all UCLA faculty join our cube society!

I am indebted to Associate Vice Provost Robert Watson for chairing the *Fiat Lux* Faculty Advisory Committee and want to thank him and the members of the committee, all of whom are listed below. This Committee works hard each quarter to review all *Fiat Lux* proposals in a timely manner (most within 48 hours) and to assist faculty in fine tuning their proposals.

I am also grateful for the passion and commitment that the Program Manager, Ms. Beserat Hagos, devotes to the *Fiat Lux* Freshman Seminar Program. Her daily efforts add to the excellence of this wonderful program. Thank you, Beserat.

Cordially,



Judith L. Smith
Vice Provost for Undergraduate Education



2006–07 *Fiat Lux* Faculty Advisory Committee

Kathleen Bawn (*Political Science*)

Adrienne Levine (*Mech. & Aero. Engr.*)

Roger Bourland (*Music*)

Mark Moldwin (*Earth and Space Sciences*)

Carlos Grijalva (*Psychology*)

Robert N. Watson (*English*), Chair

Kathy Komar (*Comparative Literature*)

Throughout the brochure, faculty are recognized for their continued support of *Fiat Lux* by the following notation:

* Taught four or more seminars

** Taught eight or more seminars

*** Taught 12 or more seminars

**** Taught 16 or more seminars

Arts & Humanities

ANCIENT NEAR EAST 19

Aaron Burke, F06

Warfare in Ancient Near Eastern World and Its Modern Implications

This course will introduce approaches to the study of warfare in the ancient Near Eastern world and address the relevance of these approaches to understanding warfare in the modern world. Students will consider the causes, effects, and development of warfare over two millennia (ca. 2000 BC to AD 400) and evaluate to what extent these have actually changed.

Jacco Dieleman, S07

Magic and Mystery from Ancient Egypt to Harry Potter

This course is a survey of the roles and functions of magic and magicians in the ancient and modern world. We will read ancient magical texts, anthropological accounts of magical practices, and novels about wizards and sorcery. To many in modern-day U.S. society magic is nothing but superstition based on irrational beliefs about the workings of nature, not worthy of any serious scholarly attention. However, magic appears to be of all times and places and should therefore not be dismissed as an object of study. It is apparently a very human thing to believe in, or practice magic. In this class, we will approach magic as a logical system of thought, a theory of causality, which must be studied and valued in its own terms in order to be understood properly. Through class discussions, we will try to acquire a better understanding of why people make use of magic and the occult in their lives and why many people of today are still fascinated by stories and movies about sorcery.

Willemina Wendrich,* W07

Archaeology and Virtual Reality: The Greco-Roman Village of Karanis in Egypt

In this course, we will explore the use and usefulness of virtual reality in order to understand archaeological sites in dimensions of time and space.



APPLIED LINGUISTICS 19

John Schumann, S07

Cavemen Walking

This course will take advantage of the recent publication of two books, *Walking with Cavemen* and *The Journey of Man*, and accompanying videotapes on the evolution of humans and their early migrations. The course will begin with the first book and will examine the evolution of humans from early Australopithecines through *Homo sapiens* with a special focus on *Australopithecus afarensis*, *Paranthropus boisei*, *Homo rudolfensis*, *Homo habilis*, *Homo ergaster*, *Homo erectus*, *Homo heidelbergensis*, *Homo neanderthalis*, and *Homo sapiens*. The second book presents genetic research on the Y chromosome tracing human migration out of Africa about 60,000 years ago, first to Australia, then to the Middle East, from there to India, East Asia and eventually to Europe and the Americas.

“I was impressed by the level and quality of interaction. As you might expect, students were shy to speak at first, but meeting for ten weeks allowed them to get over that shyness.”

— Faculty Quote, Student Engagement

ARCHITECTURE & URBAN DESIGN 19

Diane Favro* and John Bragin, F06

Interpreting the Eternal City: Rome in Art and Literature

The city of Rome has held an eternal attraction for painters, poets, story-writers, and fiction filmmakers since its inception. This course explores how the city and its life were depicted from Roman Republic to the dawn of the 21st century. We will consider how various works reflected different interpretations of the architecture, urban design, socio-cultural activities, and meaning of the Eternal City, the oldest continually-active capitol in the Western world. The six major periods covered in the course are: the Late Roman Republic (283 BCE to 27 BCE), the Roman Empire (27 BCE to 476 CE), Medieval (11th to 14th centuries), Renaissance and Baroque (14th to 17th centuries), and post-industrial period to present day. Three student-oriented goals are interwoven in the course: 1) Knowledge acquisition about this city's history and importance; 2) Enhancement of the student's critical appreciation of works of art, and 3) Understanding of how artistic works reshape perception and interpretation of the city.

COMPARATIVE LITERATURE 19

Kathleen Komar,* W07*The Short Works of Franz Kafka, or How the Modern World Works*

This course will examine the short works of one of the world's most famous and puzzling authors, Franz Kafka. Kafka has been labeled everything from Existentialist to Realist, from mystic to comic. This seminar will examine the implications that Kafka's unique perspective has for our own times. Students will write three questions based on readings to shape each class discussion. Readings of several Kafka short fiction pieces will include, *The Metamorphosis*, *The Country Doctor*, *An old Manuscript*, *In the Penal Colony*, *Report to an Academy*, *A Hunger Artist*, and *The Judgment*. These pieces help us understand why Kafka remains so timely despite having lived in a context very different from our own.

Lucia Re, S07*Love Poems from around the World and through the Ages*

This course will provide a comparative reading and discussion of a variety of short love poems written by great male and female authors of different ages, cultures, ethnicities, and sexual orientations, ranging from Sappho and Catullus to Petrarch, Christina Rossetti, Léopold Sédar Senghor, Kazuko Shiraishi, Pier Paolo Pasolini and Amelia Rosselli. There will be an emphasis on esthetic and emotional power and uniqueness of poetic discourse on/of love. Themes include: poem as revelation of self; relationship between self and other in poem; relationship between content and form; cultural and historical differences; differences between male, female, and transgender voices; power of poetic language; and imagery, musicality, passion, rationality, seduction, eroticism, irony, spirituality, transgression, betrayal, separation, narcissism, dream, oblivion, forgetting, melancholy, and ecstasy.

Ross Shideler,* W07*Poets and Desire*

This course will focus on representations of desire in poetry which range from blatantly sexual to the esthetic ideal, and the object of desire might be person or painting. Poems by Sappho, Catullus, Mallarme, Yeats, and W. Stevens will be studied to see how they express or approach desire. Other international poets read include C. Baudelaire, C.P. Cavafy, P. Valery, and G. Ekelof, and some contemporary American poets such as Louise Gluck, Sharon Olds, and Alice Fulton. This seminar will be conducted within a context in which students wary of or unfamiliar with poetry can do close reading and participate in open discussions.

DESIGN | MEDIA ARTS 19

Erkki Huhtamo,* W07*What Is Interactive Media?*

Interactivity and interactive media have been among the most repeated buzz-words of media culture for more than a decade. Still, their actual meaning is far from clear. There is not a single theoretical book fully devoted to interactivity, exploring its theoretical, cultural and historical underpinnings. In this seminar, we will develop a broader understanding of interactivity, particularly in relation to media, art, and design. We will discuss different definitions of interactivity and explore its relationship to earlier phenomena like mechanization and (full) automation. We'll review a wide variety of interactive applications, ranging from interactive media art and interactive entertainment to cinema and design. The goal of this seminar is to lead its participants to a more critical understanding of the concept and its uses.

ENGLISH 19

Blake Allmendinger,* S07*Lies, Frauds, and Hoaxes in American Literature*

This course will examine famous lies, frauds, and hoaxes in American literature, and the ethical and aesthetic issues they raise for readers. We will consider the controversy over James Frye's alleged non-fiction book, *A Million Little Pieces*, which turned out to be partly fictional. We will also read *The Education of Little Tree*, an autobiography supposedly written by a Native American, which was in fact authored by a Southern white man who was a member of the KKK. We will examine the Howard Hughes' diaries "hoax," in which Clifford Irving claimed to have discovered the private writings of the world's greatest recluse. And we will conclude by looking at examples of literary plagiarism, involving some of the greatest writers of the 20th century.



Charles Batten,* W07

Sex and Violence in the Narrative Art of William Hogarth

“I have endeavored,” wrote William Hogarth (1697-1764), “to treat my subjects as a dramatic writer: my picture is my stage, and men and women my players.” The most important engraver of England’s 18th century, Hogarth uses his visual art to tell stories—similar to plays and novels—that convey moral, social, and political lessons. His satiric views of sex and violence continue to have relevance in the modern world. This seminar’s primary focus will be on reading Hogarth’s most famous narrative sequences—“The Harlot’s Progress,” “The Rake’s Progress,” “Marriage-a-la-Mode,” and “Industry and Idleness.” It will examine individual plates such as “Credulity, Superstition, and Fanaticism.”

King-Kok Cheung and Russell Leong, F06

Asian American Poetry

This course will examine selected American poets of Asian ancestry.

Stephen Dickey, S07

Romeo and Juliet: From Page to Stage, Film, and Beyond

This seminar will undertake an intensive study of Shakespeare’s *Romeo and Juliet* with a particular emphasis on performance choices—ways the text has been interpreted and reinterpreted, and played and parodied in various media. The story of *Romeo and Juliet* was an international bestseller in 16th-century Europe. We will explore Shakespeare’s transformation of a narrative poem called *The Tragical History of Romeus and Juliet* into drama. There will also be an examination of transformation of Shakespeare’s script into performance, using resources of stage history, directors’ and actors’ commentaries, and selection of films and excerpts including 1936 and 1968 films, as well as recent *Romeo + Juliet* and *Shakespeare in Love*. Students will attend a production of *Romeo and Juliet* at A Noise Within, a distinguished repertory company in Glendale.

Eric Jager,* W07

Medieval Trial by Combat: Law, Chivalry, Theology, and Spectacle

In this seminar, we will consider one of the most controversial practices of medieval Europe: trial by combat, also known as “the judgment of God.” The seminar consists of a study of the judicial duel through an actual legal case that unfolded in 14th-century France, reading a short historical account of the notorious Carrouges-Le Gris affair (1386), emphasizing the legal, military, religious, and social aspects of judicial duel.

Henry Kelly, W07

The Satan Seminar

In this seminar, we will review all of the references to Satan (Devil) in the Hebrew Scriptures (Old Testament) and New Testament, and analyze the various functions assigned to Satan in each instance.

Joseph Nagy,* F06

In Love with Love: Folkloric and Literary Romance

This course will examine cultural definitions of and aesthetic attitudes toward romantic and sexual love from ancient, medieval, and modern traditions of story and song. We will pay special attention to how the concept of love appears or doesn’t appear in oral-traditional and folkloric material (such as folktales and ballads), versus literary depictions of lovers and their relationship in, for example, ancient Greek poetry, medieval Tristan romance, and romantic opera.

Karen Rowe,* F06

Origins of Identity: History and Memory in Women’s Poetry

In this course we will study how memory and history imprint identity, and how the past suffuses our present. Who we are or may become originates in history, each unique by virtue of ethnic heritage, gender, sexuality, spirituality, and individual talent. In personal writings and poetry, women voice maternal stories that also recollect communal history replete with images of homelands, political struggle, and ancestral rituals. By heeding truths gleaned from ancestral past, each woman comes to know her “self” and infuses her poetry with distinctive vision and voice that makes lives, both old and new, into poetic memoirs. Remember, Audre Lorde proclaims, “poetry is not a luxury” but a “litany of survival.”

Jenny Sharpe,* W07

Fantasy, Fairy Tales, and New Worlds of Possibilities

In this seminar, we will explore contemporary retellings of ancient stories inhabited by werewolves, trolls, magicians, and genii. What relationship do fantasy and fairy tales have to the real world? How does its narrative perspective transform telling of a tale? Does magic still have place in the modern, technological world? We will explore how writers reinvent the folk tale for the modern world by reading their reinterpretation of traditional stories like *Red Riding Hood*, *Three Billy Goats Gruff*, *The Gingerbread Boy*, *Arabian Nights*, and *The Ballad of Fa Mu Lan*, among others.

Paul Sheats, W07

Words, Feelings, Things: How to Read a Poem

This seminar will include informal weekly hour of reading and discussing a few poems, bringing our collective experience together in appreciation and understanding. In this seminar, we will examine such questions as What makes a group of words a poem? How can poetry illuminate our individual lives and also our society? How does a poem survive its own historical time? What happens to ordinary language when it is made into a good poem? What is metrical language and poetic form?

Mona Simpson, F06*Contemporary Writers Work and Lives*

The students will read the work of the authors who will come to read at the Hammer Museum, in preparation for a private class before the talk by the writer.

Reed Wilson, S07*National Poetry Month- and Beyond!*

In 1996, the Academy of American Poets established April as “National Poetry Month.” During this month, readings, exhibitions, and events occur throughout the U.S. “to celebrate poetry and its vital place in American culture.” In this seminar, we will attend readings and events during April, May, and June, study carefully the work of poets whose voices we encounter, and discover ways to stay tuned to the art of poetry throughout the year. Enrollees must be at UCLA on the weekend of April 28-29 to attend readings at Los Angeles Times Festival of Books.

Thomas Wortham* F06*Reading Emily Dickinson Reading Us*

Language as metaphor, language as riddle, language as truth, language as void, language as seeing and unseeing ourselves. What does it ever/always/never mean? Does language enable or disable? In ourselves do we find a community of others? In reading Emily Dickinson do we read ourselves? What is “poetic” language? How does it work? Do we exist outside, apart of it? Do we create it or does it create us? Are we the unanswered question it asks or the mystery it hides by revealing? “What nonsense!” Let’s see. At least it might be fun. What else is there?

“Our class had a very open-minded and diverse group of students. Everybody had something to offer during discussion that helped expand each other’s perspectives.”

— Student/Student Interaction

ETHNOMUSICOLOGY 19**Roger Kendall, W07***The Cognitive Science of Music in Science Fiction Film*

In this course, we will view such films as *Metropolis*, *Forbidden Planet*, and excerpts from others such as *Star Trek* and *Star Wars*. In addition, vintage TV shows such as *Time Tunnel* are incorporated. Discussions and analyses will center on how the music incorporated in these films exhibits elements of experimental semiotic theory and aspects of meaning that have percolated through decades of science fiction in media. Connections of visual and musical elements will be a focus of the analysis.

Helen Rees,* S07*Music from the Roof of the World: Tibet and Her Neighbors*

Familiar from SUV commercials and soundtracks to films such as *Kundun* and *Seven Years in Tibet*, Tibetan sacred music has entered Western popular culture as the ultimate embodiment of mysterious, lost paradise. This seminar will examine the Buddhist music behind the commercial front with which we are all familiar, and will go further by introducing the wonderful but little-known secular musical traditions of Tibet. Students also learn simple Tibetan folk dance. Musical presentation of Tibet by Tibetan and Chinese musicians within and outside People’s Republic of China is given special emphasis.

FILM AND TELEVISION 19**Barbara Boyle,* W07***Introduction to Film Making: So You Want to Make Movies?*

Three screenplays are read without disclosing the title of screenplay or resulting movie. Analysis and discussion will center on visual style, cast, director, music, and other essential elements used to convey tone and message of movie made from script. Films actually made from screenplays are then shown so that the relationship between the literary (screenplay) and the visual (film and all its components) is understood. This course will also introduce a glossary of basic film industry terms. Three feature length motion pictures will be viewed.

Marina Goldovskaya,* S07*Documentary and Society*

This course will introduce students to the rapidly developing genre of documentary film. In the past decade, big changes took place in this field: non-fiction films are not only shown on TV, but screened theatrically and attract big audiences. Now it is evident that documentary can not only inform and educate, as it was before. It became a very special art form, especially powerful as it tells true stories with real characters. It continues to be an important medium in exploration of social issues and provoking a dialogue in the society. The growth and development of non-fiction is directly connected with the digital revolution in contemporary world. In this course, new opportunities in representing reality will be discussed. Do films matter? Can they make a difference? And if they can, in what way? Five films recently created in the United States and other countries of the world will be screened and analyzed. The course will expose students to the most innovative and inaccessible documentaries to help broaden their world view and evoke interest.

William McDonald, W07*The Art of Cinematography*

Who is responsible for the camera and lighting decisions on feature films? The cameraperson? The cinematographer? The director of photography? All of them, for they are the same person. This seminar, will survey the technological and artistic developments of cinematography within the Hollywood film industry. Beginning with silent films and moving toward today's latest developments in digital imagery, it will capture a broad conceptual understanding of one of the most influential art forms in history. Students enrolled will see screenings of clips from films under discussion.

“The fact that there was no final or tests or papers, and the fact that it was a P/NP course really enhance my experience. It seemed not so much as a required class, but a workshop that I wanted to go to each week. It was extremely interesting, and the issues and the professor were enough to motivate me to work and research the necessary information, without the pressure of having to deal with a grade or a final.”

— Student's Quote, Seminar Strengths

FRENCH 19

Jean-Claude Carron, W07*How Tasty Was My Little Frenchman!*

The title of this seminar is borrowed from a Cannes Festival Award-winning 1971 film by Brazilian author Nelson Pereira dos Santos, telling us of the surprising treatment of a 16th-century French explorer by a tribe of cannibals. This encounter with the New World raised the question of others for Europeans and of the acceptance of a totally different civilization by a world centered on Christian and Greco-Roman values. The seminar will look at this encounter at a specific moment in time—middle of the 16th century—when French Catholics and Protestants settled in Rio de Janeiro and came into contact with the Topinanba Indians, people at the center of the movie of same title and known then as cannibals. French Christians, divided by the rise of Protestantism, discovered in these so-called savages examples of values that put them to shame. We will examine how this encounter with the New World helped early modern writers reassess their sense of moral certitude in ways that could be exemplary for us today.

Patrick J. Coleman, F06*“Hell is Other People?” Understanding Existentialism*

The idea of the “existential hero” has had a wide impact on modern culture. But what is existentialism? This course will examine key literary works by Jean-Paul Sartre and Albert Camus, as well as by today's most controversial French author, Michel Houellebecq, to help answer this question.

Dominic Thomas,* F06*Africa in a Global Contexts*

This course will focus on contemporary politics and social issues in Africa.

GERMAN 19

Robert Kirsner, F06*Science Fiction and Religion*

Father of psychoanalysis, Sigmund Freud, viewed religion as illusion, antithetical to science. Science fiction author Ursula LeGuin characterizes science fiction as thought-experiment: not prediction of future but description of current reality. We will explore the use of religious motifs and depiction of religion often found in science fiction. What do religion or religious themes contribute to science fiction? What attitude or attitudes toward religion are found in science fiction? What do we learn from human construction of “lifeways” (such as religions) and incorporation of or reference to these lifeways in human thought experiments constructing possible worlds and possible civilizations? In this seminar, we will explore these questions and others through readings about religion and readings in important works of 20th-century science fiction.

Wolfgang Nehring, W07*Three Penny Opera: John Gay, Bertolt Brecht, and Kurt Weill*

This seminar will provide a discussion of Brecht's most famous work, based upon John Gay's “Beggar's Opera” and was particularly successful through the music of Kurt Weill. In this seminar, we will examine the questions What did Brecht find in the old play? What did he do with it? What is the role of Brecht's team? Discussion topics include entertainment vs. politics, theater as means of criticism of bourgeoisie and capitalism, and ideas and music.

James Schultz, W07*Writing about Love in the High-Middle Ages*

This seminar will focus on two great love stories of the Middle Ages: Abelard and Heloise, and Tristan and Isolde. The former historical figures struggle over the nature and meaning of their love in a series of brilliantly-crafted letters. The latter fictional characters achieve their supreme literary representation in the romance of Gottfried von Strassburg. These two texts—letters of Abelard and Heloise and Gottfried's Tristan romance—provide opportunity to consider how medieval ideas of love differ from ours as well as how medieval writing about love differs from ours.



Christopher Stevens, F06

What is language and where does it come from?

In this course, we will explore what language is and how linguists define and describe it. We will then contrast human language with animal communication and question whether animals in the wild or the laboratory can acquire language. This last topic will lead us to the language of our ancestors. How, when, and why did human language occur?

IRANIAN 19

Hossein Ziai, S07

Consciousness and Intuition: A Study of Persian Philosophical Texts

This seminar will focus on a 12th century philosophical text (available in a bilingual Persian-English edition), and each week one of the ten sections of the text will be read and examined in detail. Special attention will be placed on the Aristotelian principles expressed in the text. A major question addressed in the seminar will be, “How are the Aristotelian principles refined in their Persian expression?”

“I got to meet other students who shared my interests and I made several friends. There was a lot of interaction within the seminar and everyone got to contribute to the class room discussions. I learned a lot from my fellow students.”

— Student Quote,
Student/Student Interaction

ISLAMIC 19

Ismail K. Poonawala,* F06

The Case of the Animals versus Man Before the King of the Jinn

During the European dark ages Islamic civilization flourished and flowered that was more advanced and sophisticated. Its influence on the development of European thought has never been adequately recognized. This seminar will explore a tract, translated into English, taken from a ninth century Encyclopedia known as “The Epistles of the Society of Sincere Brethren and Faithful Friends.” It is presented in the form of an allegorical story in which the animals complain to the just King of the Jinn about the cruel treatment meted out to them by human beings; refute man’s claim of superiority over them by denouncing the rampant injustice and immorality of human society. The debate “a satire on Man and Animals” in addition to theological disputes reflects fascinating psychological and ecological themes. The fable is a socio-political criticism of Islamic society couched in animal characters without offending the sensibilities of their readers. Given the authors’ theistic position a number of moral concepts emerge from the story and they will be discussed and debated.

JEWISH STUDIES 19

Jonathan Zasloff and Chain Seidler-Feller, S07

Pirkei Avot: The Foundation of Jewish Ethics

Pirkei Avot is one of the central ethical treatises of the Jewish tradition, a combination of theology, moral philosophy, legal theory, and Jewish history. It is also the most accessible tractate of the Mishnah, the codification of Jewish law redacted about 200 C.E. In this course, we will engage in a close reading and discussion of Pirkei Avot, granting us a window both into ancient Jewish civilization and our own futures. The course requirements are careful reading of the text, a willingness to discuss, debate and listen, and the maintenance of a sense of humor at all times.

MUSIC 19

Roger Bourland,* F06

Music We Love

Each student will present a 20-minute talk about a song or piece of music of their choice describing it to the best of their ability, giving a biographical background of the artist(s), and placing it in a stylistic perspective.

MUSIC HISTORY 19

Raymond Knapp,* F06

Gender and Sexuality in the American Musical

This seminar will explore the gender roles and sexual expression in the American musical through readings, viewings, and discussions. Selected musicals may include Guys and Dolls, My Fair Lady, Gypsy, Cabaret, Sweet Charity, Rocky Horror, Chicago, Hedwig, Rent, and Wicked.

Mitchell Morris, S07*Orpheus: Musics, Myths, and Metaphors*

The classical Greek myth of Orpheus, the singer so skilled that he could move the underworld, has embodied fantasies about the power of music for centuries. This course takes up several rich instances of the myth as represented in music, literature, dance, painting, and film. At stake are a multitude of questions important to cultural interpretation. What kind of power does music really have in our worlds? What kind of power do we wish that it had? Orpheus has usually been presented in complex relations with men and women, situated idiosyncratically between masculine and feminine worlds. Does this liminal position say something about music? About its performers? About its audiences? Given the variety of manifestations of this story, is there anything about the myth that persists across media, across historical times and places?

Robert Walser, W07*Global Rap: Hip-Hop Outside of the USA*

Rap music emerged from New York City in the 1970s but it quickly spread to the rest of the world, speaking for many communities in many different languages. In this seminar, we will examine one or more musical examples from a different country each week, concentrating on how local scenes adapt and customize musical and lyrical resources that circulate globally, how people use rap to mark their cultural distinctiveness and connect to the worldwide hip-hop identity, and how their uses of rap relate to music's origins among African-Americans and Latin-Americans. No technical knowledge of music is required, although we will analyze not only lyrics, but also music, video, and arguments about the genre's meanings and worth.

PHILOSOPHY 19**Calvin Normore, W07***Faith, Reason, and Politics: Shaping the Medieval World*

Peter Abelard and Bernard of Clairvaux represent two poles of thought—Christianity and politics in the 12th century. Famous as lover, poet, and philosopher, Abelard (1079-1142) got in on the ground floor of contemporary conceptions of all three. Equally famous as theologian, founder of a new kind of more austere monastery, impetus behind the Second Crusade, and architect of centralized late medieval Church, Bernard (090-1153) had enormous influence inside and outside the medieval church. The two confronted one another at a council called (under Bernard's influence) at Sens in 1140, at which Abelard's work was condemned. This seminar explores the lives and central ideas of each, the environment in which they worked, the way they were regarded by their contemporaries, and the way they are regarded today.

SCANDINAVIAN 19**Mary Norseng, S07***Short, Short Stories of Scandinavia*

This seminar will provide reading and discussion of short fictional texts by Scandinavian writers from the middle ages to the present. Topics include the power of "the short."

Timothy Tangherlini,* W07*Scary Movies: Film, Folklore, and Ideology*

Ghosts, UFOs, psychopaths, evil corporations, Satanists, serial killers, wild conspiracy theories, unlikely ways to be killed, and even more unusual ways to survive. These are but some topics that come up time and again in both urban legends and popular film. Sometimes, popular films are based entirely on these legends ("Scream," "Urban Legend," "Men in Black"); other times, they simply make use of similar motifs. Although they keep us entertained and frightened, there is more to these stories and their presentation than simple entertainment. We will explore how the storytelling of legends can be used to endorse ideological positions. This seminar will focus on how this process translates into popular film. Its goal is to develop an understanding of how narratives, particularly those that aim to create fear, can be used for local or global political ends.

THEATER 19**Shelley Salamensky, W07***Medicine in the Arts and Humanities*

Medicine is much more than simple biology. In this seminar, we will explore a wide variety of lively materials concerning patient, doctor, body, mind, and the magic of science.

WORLD ARTS & CULTURES 19**Allen F. Roberts, S07***Photography as Magic: Visuality in Cross-Cultural Perspective*

Photographs seem so real. How could they not be, when they result from mechanics of camera and chemistry of film and darkroom: isn't this simply science? Recent breakthroughs like Photoshop suggest how easy manipulation can be, and such devious arts have always been a factor in photographic production. Of more interest are culturally-constructed understandings of what photography is and does, in our own circumstances and in societies very different from most of our backgrounds. How did early 20th-century spirit photography challenge understandings of medium in the U.S.? Why are you unlikely to tear up a photo of your mom? When looking at a photograph, is it looking back at you? Can a photograph exist of someone who lived centuries before photography was invented? Can a photograph magically protect, promote, and heal a person showing it devotional respect? Case studies from around the world make us wonder about our own notions of photographic "reality."

Culture & Society

ANTHROPOLOGY 19

Paul Brantingham, S07 *The Ecology of Crime*

Crime thrives in large urban settings, leading one to think it is a natural and normal feature of modern life. This seminar examines the causes of crime from an ecological perspective, asking questions about the role of the environment and the behaviors of criminal offenders, victims, and law enforcement in generation and control of crime patterns. Specific topics include minimal constituents of crime, criminal foraging, crime niche, crime and competition, and evolution of criminal strategies. Discussions will emphasize parallels between crime and examples will be drawn from classical ecology.

Paul Brantingham, W07 *Stone-Age Hunting from A to Z*

Hunting of small and large game animals has been a key feature of human adaptations for more than 2 million years. This seminar surveys archaeological evidence for key behavioral, technological, and ecological features of Paleolithic (Stone Age) hunting adaptations. Topics include hunting, scavenging in competition with large-bodied predators, and the role that human hunting may have played in several large-scale animal extinctions.

Daniel Fessler, S07

Animals in Translation: Evolutionary Approach to Animal Thinking and Autism

How do animals experience the world? Adopting an evolutionary psychological approach, this seminar will examine the book *Animals in Translation*, an attempt by noted autistic author Temple Grandin to explore and explain the behaviors, thoughts, and feelings of many nonhuman animals. Along the way, we will discuss the tenets of evolutionary psychology, Grandin's theory of autism, and the insights that cross-species comparisons can provide.

Paul V. Kroskrity,* F06

Endangered Languages and You

This seminar treats the topic of language endangerment by identifying a worldwide problem and examining the possible responses that might partially rectify the situation. By some estimates, less than 10% of the world's languages will survive beyond the present century. Global economic forces and other political economic factors are clearly responsible for a pattern of language shift that threatens most of the world's indigenous and sub national languages that are not identified with particular nation-states or have international currency. But what is the human cost of such language death both to the speakers of these languages and to us as thoughtful world citizens? In this seminar, we discuss what are the consequences of language death and what can be done to provide alternatives for those communities who seek to preserve their distinctive linguistic resources. By examining case studies of language death and language renewal we obtain a ground level view of the processes that lead to language death and those that are involved with language revitalization.

Monica L. Smith,* F06

Food, Culture and Identity

A hundred years ago, the U.S. government's "food pyramid" contained 12 items; now there are just 4. How did this change come about? How do ideas about food differ from one era to the next and from one culture to the next? How does food serve as both an integrative and divisive social category? In this course, we will use readings and discussion to look at the social construction of food categories, cuisine, and the politics of food to understand the role of food in creating and maintaining culture.

Charles Stanish, S07

The Origins of War

This seminar examines the enduring debate about whether war is inherent in human nature or is a product of our recent (last 5000 years) historical past. We will read both sides of the debate and focus discussion on contemporary issues facing our world.



Russell Thornton,* W07***American Indian Population Decline from Circa 1492–1900: Was it Genocide?***

The American Indian population of what is now the United States declined from 5+ million circa 1492 to a mere 250,000 by 1900. This seminar will examine this decline, its pattern and its underlying causes. Particular attention will be devoted to the nature of genocide and whether the decline actually could be characterized as genocide.

Russell Thornton,* F06***Who Owns Our Past?: Repatriating Native American Human Remains***

This seminar will examine the phenomenon of Native Americans' recent success in obtaining passage of federal and state laws that prevent further disenfranchisement of human skeletal remains and cultural objects and repatriate remains and objects to appropriate tribes and individuals. Topics include history of federal and state legislation pertaining to repatriation, historical practices of collection for museums and scholars, native objections to study of this material, various types of scientific and scholarly knowledge obtainable from skeletal remains, and complexities and difficulties involved in actual repatriation process.

“My classmates had excellent ideas that were thought-provoking and challenging to my values.”

—Student quote, Student/student interaction

ASIAN 19**John Duncan, W07*****Crisis in Northeast Asia: Nuclear North Korea***

This seminar will provide readings and discussions on the North Korean nuclear crisis and a consideration of the historical context and contemporary implications for Northeast Asia and the world.

ASIAN AMERICAN STUDIES 19**King-Kok Cheung, S07*****Glimpses of Pre-Olympic China***

In an interdisciplinary fashion, this course will look at the impact of globalization on China and on U.S.-China relations. Focusing on Beijing, we will explore what is globalization and its effects; how does globalization affect U.S.-China relations; what are mutual images of Chinese and Americans; is the nation-state declining—being supplanted by international organizations—or is globalization fueling nationalism and terrorist violence; who are winners and losers in globalization; how does globalization affect culture, family, and education; and what are the responsibilities of and opportunities for (Asian) Americans in globalized China?

**CHICANA & CHICANO STUDIES 19****Eric Avila, W07*****After the World Trade Center: The Politics of Rebuilding at Ground Zero***

In this seminar, we will study public debates about the effort to rebuild at ground zero in New York City. What should be built? Who should decide? What are the contending visions? Since this unprecedented act of violence upon the New York landscape, architects, planners, politicians, developers, academics, artists, activists, and grieving families are engaged in intense debate about how to rebuild and what principles should guide that effort: economic value, global peace, civic unity, public memory, social welfare, aesthetic design, and monumental grandeur. This seminar will focus upon that two-acre parcel of lower Manhattan real estate, now known as ground zero, and will consider the past, present, and future of that site to understand the broader dynamics of urban transformation.

Otto Santa Ana, F06***The 2006 Marches of Immigrants: Implications of News Media Portrayals***

We will critically compare the news media's characterizations of immigrants, their marches, and immigration policy in 2006 and in 1994 (when the anti-immigrant Proposition 187 was approved by California voters). We will securitize media language and images to learn what is projected about immigration, citizenship, nationhood, and justice. Have these images changed? Will any social and political change result?

Abel Valenzuela Jr., F06***On the Corner: Searching for and Working Day Labor***

This seminar will explore the historical and contemporary origins of day labor: mostly immigrant men who look for work on street curbs, corners, and in front of home improvement stores. We will explore the current controversies over this form of temporary employment, including public policies that aim to either ban it or to create worker centers, a local community response to this issue. Our learning will be through readings, documentary films, and guest lectures from community and labor advocates.

COMMUNICATION STUDIES 19

Martie Haselton, S07

The Hidden Side of Female Desire

Theories in evolutionary biology predict that men will be more open to low-cost mating opportunities than will women, and women will be more cautious in mating than will men. Abundant evidence across social and biological sciences supports these predictions. Does this mean that women are monogamous and men are not? No. There is another side of female desire that can also be understood from an evolutionary perspective—one that predicts that women will stray from their long-term relationships in predictable circumstances. This course will explore the facets of female sexuality that have previously been hidden from view. We will also discuss other hidden aspects of women's desires, including control, power, and possibly food.

“The professor was very friendly and talked to me often before class. I felt very comfortable going into his office and asking for advice on what to do about my other class and what to do about switching my major.”

—Student Quote, Student/Faculty Interaction

ECONOMICS 19

Hugo Hopenhayn, W07

The “Winner’s Curse” in Common Value Auctions

This seminar examines the phenomenon of “winner’s curse.” Winner’s curse occurs when a person who wins at an auction wishes he or she had not won. Since many other interesting phenomena have the same basic structure as common value auctions, insights learned about auctions in the laboratory have significance in other areas where unhappy winners are important, such as in political contests and voting behavior, jury decisions, and companies racing to discover and patent an invention.

Naomi Lamoreaux,* S07

Bargaining, Haggling, and Fairness Across Cultures

This seminar will explore the nature of trust and fairness in bargaining situations through a simple ultimatum bargaining game. This game is useful for exploring how self-interested individuals behave in bargaining situations (and many others). It has been conducted in many countries (rich and poor) over the last decade, with the discovery that most cultures appear to have strong norms of fairness (only exceptions are certain very primitive cultures). That is, rigorous self-interest, even in an obviously commercial setting like haggling, is rare. In addition to bargaining, some time is devoted to experimental analysis of public good contributions and wage setting, and in general to exploration of extent of motives such as fairness, trust, and reciprocity versus pure self-interest in economic decisions.

John Riley, S07

Winner’s Curse in Common Value Auctions

This seminar will explore the well-known phenomenon of “winner’s curse” when people bid in certain kinds of auctions. Winner’s curse occurs when a person who won at an auction wishes he had not won. Since many other interesting phenomena have the same basic structure as common value auctions, insights learned about auctions in the laboratory have significance for other areas where unhappy winners are important, such as in political contests and voting behavior, jury decisions, and companies racing to discover and patent an invention.

Earl Thompson, S07

Human Nature and Economic Experiments

Laboratory and field experiments done by students are used to test the most basic preference assumption of standard economic theory. It is expected that experiments will be consistent with thousands of others, telling us that humans make decisions that are very different than what traditional economics predicts. Exploration of a large variety of such deviations can lead us to a more accurate view of human nature than is represented in traditional psychology and economics. These results are important because of what they can teach us about the nature of social interaction, welfare consequences of certain social policies, and the reason why traditional economics has been so predictively successful despite failure of its most basic assumption.

William Zame, W07

How Rational Are You?

This seminar will explore the idea that human decision-making is not by rational utility-maximizers in the traditional sense. Many behavioral theories suggest that in each human there is not a unique agent that makes economic decisions; rather, there are many selves with contradictory preferences. Thus, self-control is important in the making of economic decisions and factors that affect self-control may play a vital role in the rationality of economic choices of agents. These factors can be systematically examined in the laboratory, and results have wide-ranging applications for economic policy because consequences of this policy depend critically on the degree of rationality of economic decisions.



“In my seminar, I learned tolerance and openness to new ideas as well as to think about issues from a different perspective.”

—Student Quote, Seminar Strengths

EDUCATION 19

Walter Allen, F06

Mapping Inequality in Los Angeles: Faces, Places, and Spaces

This course will provide an overview of the complexities of social inequality and social disparities in Los Angeles from a variety of disciplinary perspectives. We will use Los Angeles as a “laboratory” for the 21st century city. Topics will include educational achievement; literacy; inequalities in race, gender, sexual orientation, religion, age; disparities in access to health care systems and healthy lifestyle choices; well-being and self-actualization; neighborhood & community participation and support. We will also address methods and issues in the study of social inequalities. Discussions will be supplemented by relevant films and guest speakers. Credit for this course also requires participation in the Symposium on Social Inequalities on October 12-13 on the UCLA campus. This course is part of the Social Inequalities Initiative.

Eloise Metcalfe, W07

The Possibilities and Difficulties of Urban K-12 Public Education

This seminar will examine and discuss what is happening in Los Angeles K-12 public schools in low income areas, using a social justice framework.

Robert Rhoads,* F06

Student Activism from the Sixties to the Present

This course explores student activism at colleges and universities in the United States from the 1960s to the present. Primarily, we will engage in a comparative analysis between student activism of the 1960s and contemporary forms of campus activism. The course will be interdisciplinary in nature, stressing sociological, historical, and cultural understandings. It includes key readings and documentary films.

Carlos Torres, W07

Education and Globalization: Critical Concepts

This seminar will analyze the implications of globalization in education with a specific focus on what is happening in Los Angeles, addressing in particular the voices of teachers and how they see the processes of globalization affecting teaching, instruction, curriculum, and policy



GEOGRAPHY 19

Stephen Bell, F06

Land and Society in Latin America

Access to land has long been a key issue in Latin America, a region with many famous examples of inequitable land distributions. There will be an examination of a series of very different forms of land organization and their social consequences. Cases for discussion range from utopian experiments (Jesuit mission experience in Paraguay) to sources of explicit conflicts (political struggles over land in El Salvador). Attention will also be given to contemporary land issues of development in Brazil. Discussions will include Brazilian Amazon and Brazilian Landless Workers' Movement (MST), which has recently become one of the largest social movements in the world.

Glen Macdonald,* W07

Hammer of the Gods: Climate Change and Human History

Today we face the specter of rapid climate change caused by increased greenhouse gasses. However, this is not the first time such challenges have confronted humans. This seminar explores the nature and causes of past episodes of rapid climate change and evidence of their impact upon prehistoric humans and historic civilizations, including those in the Near East, Egypt, India, Mesoamerica, and California. It examines the premise that in addition to negative consequences, rapid and unexpected environmental changes may also contribute to increasing innovation and societal complexity.

Stanley Trimble,* W07

American Rivers: History of Environmental Change

The objective of this course is to offer students a basic understanding of rivers and how human agency has changed them in the United States.

HISTORY 19

Ned Alpers,* F06

Crisis in Darfur: Genocide, International Intervention, and Prospects for Peace

Despite the recent partial peace treaty between the government of the Sudan and the major Darfur rebel group, prospects for peace in that part of the world remain problematic. In this seminar, we will explore the root causes of conflict, debate over whether or not genocide has occurred in Darfur, the role of international intervention (from African Union to United Nations to University of California divestment and citizen action), and the prospects for genuine peace and security in Darfur.

Scott S. Bartchy,* W07

Honor and Shame in the Clash of Civilizations and Religions

Honor and shame are core cultural values for the vast majority of human beings, including most Muslims. Ignoring this fact has led to serious and avoidable misunderstandings of world events and mistakes in US foreign policies, which have been based most often on the western individualistic values of achievement and guilt. This seminar involves reflection on values with which students were raised as well as achievement of a deeper understanding of ways in which honor/shame values continue to influence self-perception, gender roles, and group practices of more than five billion people.

Ivan Berend,* F06

The European Union—Its History and Achievements

This seminar will analyze the causes of the emergence of the European integration after World War II; its progress from customs union via a single market and common currency towards joint military forces. The present crisis of overstretching and the failure of the constitution.

Stephen Frank,* F06

Women and Crime in Europe from the 18th to the 20th Centuries

In this seminar, we will examine women's crimes, their treatment within criminal justice systems, and changing interpretations of the nature of "female criminality" in modernizing Europe.

Patrick Geary, W07

Terrorists and Door Kickers: Terrorism and Counterterrorism, Past and Present

Since 9/11, enormous attention has been focused on the ability of small, non-state organizations to inflict tremendous damage on powerful states, but such asymmetric warfare is hardly novel. This seminar looks at a variety of approaches to understanding terrorism, as well as efforts in the past and present to defeat it.

James Gelvin,* F06

Al-Qaeda and Jibadi Islam

This course will look at the origins, evolution, and doctrines of jihadist groups, such as al-Qaeda. We will examine the reasons for their emergence, their self-conception and stated aims, and the efficacy of the global war on terrorism.

Arch Getty, W07

The Rise and Fall of Communism

This seminar will survey of the rise and fall of communism, from Marx's original theories to the collapse of the Soviet Union under Gorbachev, with emphasis on theory and its application in practice in a variety of historical settings. This seminar is conducted in a discussion-type format.

Vinay Lal,* W07

Political Documentaries in American Society

Among the most remarkable aspects of contemporary American life is the recent efflorescence of the political documentary. Though the tradition of political documentaries first gained prominence in the 1960s, the last decade has witnessed an extraordinary revival of the documentary form. Participants in this seminar will view important documentaries such as "The Fog of War," "The Corporation," and "Why We Fight," with the intent not merely to understand the phenomenon of the documentary, but to also ask certain questions, such as What exactly is a documentary form? What does it document? What is its relation to other archives? and How can one distinguish between documentaries and propaganda films?



Ludwig Lauerhass, W07*How We Remember the Bomb*

The first military use of atomic bombs devastated Hiroshima and Nagasaki. It precipitated the end of World War II, and ushered in the new Atomic Age. Since then, the event has been subject to widely divergent interpretations in the U.S., Japan, and the world at large. This seminar highlights the bombing's remembrance and commemoration from 1945 through its 50th anniversary in 1995, focusing on sources from documentary and feature films to journalistic accounts, and from artistic renderings to museum exhibitions. Analysis will emphasize how debates have continued to this date, without resolution.

Ghislaine Lydon, S07*The Sahara in Western Imagination*

After discussing and hopefully dispelling the prevailing stereotypes about the Great Sahara Desert and its inhabitants, we will examine excerpts of classic works that have influenced ways in which Americans and Western Europeans have conceived of this mysterious land and its fabled city of Timbuktu. Through lively discussion and viewing of audio-visual materials (photographs, films, music, and song) students should gain a general understanding of what the Sahara is really like and why it has held fascination of the western public for so long. We will consider the history of the Sahara in the long run, from when it was a lush, green, and humid region where elephants and hippopotami wandered, to its gradual desertification and the introduction of the camel. We will discuss the spread of Islam in Africa, trans-Saharan caravans, and "Golden Trade of the Moors." We will also pay attention to the role of the U.S. in the Sahara, from the Barbary War to the more recent War of Terror.

Melissa Meyer, S07*Hot American Indian Issues Today*

We will look at hot American Indian issues such as casino gaming, sports mascots, repatriation of skeletal remains and sacred objects, sacred sites on public lands, the use of peyote by the Native American Church, land claims, hunting and fishing rights, and tribal enrollment and blood quantum requirements. Each meeting involves a PowerPoint presentation, and questions and answers.

Gabriel Piterberg, W07*"No Pasaran": The Spanish Civil War in Music and Cinema*

The Spanish Civil War was an early and tragically unsuccessful attempt to nip fascism in the bud in the 1930s. It gave rise, however, to an unprecedented international solidarity at the level of common idealist people. This seminar analyzes the revival of spirit and lore of that era through contemporary popular song and film.

**Theodore Porter,* F06***The Scopes Trial: Evolution Controversies in America*

The Scopes Trial of 1925 is one of the landmark events in the American controversy over the teaching of evolution. That controversy has again become prominent in recent years. We will spend part of the term looking at the trial itself, and try to understand the issues at stake, which include the validity of modern evolutionary biology, its consistency (or not) with the Bible, and the question of who should control what is taught in public schools.

Teofilo Ruiz, W07***Los Angeles: Architecture and Ethnicity*

This seminar is an introduction to the complex ethnic and architectural history of Los Angeles. It combines the history of the development of the city with actual visits to some of its most interesting neighborhoods and architectural sights.

Teofilo Ruiz, F06***Dystopias of the 20th Century*

This seminar will explore the writing of dystopias in the 20th century within a historical context. We will focus on two famous examples of this genre (*Brave New World* and *1984*) to determine how authors deal with issues of freedom, equality, work, community, happiness (or lack thereof), and relations between individual and community. There will be an emphasis on historical circumstances that led to writing of both works.



Kevin Terraciano, F06

Ujima Village: History of an African-American Community in Los Angeles

This course seeks to learn about the history of an African-American community in central Los Angeles, called Ujima Village, and to understand the history of that community within the larger context of the history of African Americans in Los Angeles, especially in the last few decades. Students will speak with residents of Ujima about the issues that most concern their community; listening to select UCLA faculty and students who will lend their expertise as guest speakers on the history and culture of Los Angeles and related topics; and discussing selected readings on the general topic of the history of Black L.A. This course will contribute to an ongoing community partnership between Ujima Village and the UCLA Office of Residential Life. This seminar will meet in DeNeve Plaza and Magic Johnson Computer Center at Ujima.

Joan Waugh, S07

Abraham Lincoln's Historical Legacy

"Abraham Lincoln," writes one noted historian in the World Book Encyclopedia, "was one of the truly great men of all time." The 18-page account of Lincoln's life and times that follows this statement, by Professor Gabor Boritt of Gettysburg College, is one of the longest biographical entries in the encyclopedia and reflects the continuing and intense interest in the life of the 16th president of the United States. A large part of that interest springs from the dramatic nature of the Civil War (1861–1865), during which, as President of the Union and Commander-in-Chief of the largest army in history, Lincoln ended slavery and reunited the North and South. His tragic assassination just days after the Confederate surrender at Appomattox plunged the country into a paroxysm of mourning, and ensured his apotheosis as martyr for cause of freedom and union. The purpose of the seminar is to discuss and analyze the Lincoln legacy in four parts.

Robert Wohl, S07

The Spectacle of Flight: How Aviation Transformed Western Culture

It is generally understood today when the majority of us have access to airplanes as a source of transportation and are condemned to fly whether we like it or not, is that powered flight was at first experienced as an aesthetic phenomenon and that during its first four decades most people experienced flight vicariously, primarily as a public spectacle. This seminar will explore some of the many ways that powered flight transformed Western culture during the 20th century. It will consider the impact of aviation in literature, visual arts, design, architecture, advertising, music, and mass entertainment, especially radio and film. In addition to assigned readings from two books by the instructor; students will watch and discuss documentaries such as "Lindbergh's Great Race" and William Wyler's *Memphis Belle*; Walt Disney's first Mickey Mouse cartoon, *Plane Crazy*; and feature films such as Howard Hawks' *Only Angels Have Wings*. We will also listen to excerpts from Bertolt Brecht's "The Lindbergh Flight."

"The quality of intellectual engagement was great, we got to feed on each others' opinions that opened our eyes to different understandings."

—Student's Quote, Quality of Interaction

HONORS COLLEGIUM 19

Ann Kerr,* W07

Perceptions of Americans Abroad: Discussions With Visiting Fulbright Scholars

In the post 9/11 world, there is a greater than ever need for Americans to know more about the rest of the world and to understand how we are perceived abroad. This seminar affords students the opportunity to see ourselves as others see us by hearing visiting Fulbright scholars from around the world speak about their countries and the perceptions of America there, and have a chance to ask them questions. The scholars will speak informally for 10-15 minutes and the remainder of the time will be devoted to class discussion.

Larry Loehner, F06
Geography of Fire in California

Fire has been a natural part of the California landscape for thousands of years. Sparked by lightning, it burned through almost all of the state's ecosystems, sometimes becoming an essential part of community establishment and renewal. Fire distribution is influenced by numerous factors including fuel sources, ignition sources, and environmental variables such as topography, climate, and weather. As humans began to occupy natural fire areas, pattern, scale, and distribution of fire began to change. In the last three centuries, fire has evolved from a beneficial natural phenomenon to one that creates massive social disruption and incurs enormous human costs. In this seminar, we will explore the role of fire in California's landscape, factors involved in its natural distribution, human response to fire, social cost of conflagrations, and prospects for future modification of fire regimes.

Kelly Lytle-Hernandez and La'Tonya Rease Miles, F06; W07; S07**
Black Student Experience at UCLA

What are concerns facing black students at UCLA? We will have a weekly, spirited discussion about social, academic, and political issues facing black students since Proposition 209. This seminar features invited guest speakers from ORL, campus administration, and alumni.

Carol Petersen, S07**
The American Dream: Perspectives of Immigrant Students

This seminar will focus on examining immigrant students' experiences in California and at UCLA. There will be reading and discussion of family immigration histories written by transfer summer program students and journals written by seminar participants. We will view short films by UCLA students and others that give insight into their own lives and cultures and we will consider these works in context of Sarah Mahler's analysis of Immigrants and the American Dream.

Susan Plann, S07
The Muslim Experience at UCLA

This seminar will explore the Muslim experience at UCLA, through discussions, readings, and interviews with Muslim students on campus. Students will learn to master the basics of conducting oral interviews. Muslim and non-Muslim students are all welcome—let's learn together.

La'Tonya Rease Miles, W07**
Jigga Who? The Cultural Impact of Jay-Z

This seminar is an examination of the dynamic career of rapper and hip-hop mogul Jay-Z. The discussions focus on the state of hip-hop culture from 1995 through the present, focusing particularly on the artist Jay-Z.

Laura C. Romero, S07
Civic Engagement in Los Angeles

This seminar will examine civic engagement in Los Angeles. There will be invited guest speakers from the public and private sectors—including city government, corporations, and community-based organizations who will discuss the impact of their work on society. By focusing on different types of civic engagement, we will analyze how individuals contribute to Los Angeles. This seminar also encourages students to become civically engaged during their college careers.

Ronni Sanlo** and Suzanne Seplow,** W07; S07**
LGBT is Not a Sandwich: Straight Talk on the Effects of Silence on Sexual and Gender Minorities in Los Angeles

This seminar informs students through active discussion and participation about the myriad ways in which people and communities are affected by issues of sexual orientation and gender identity. Topics include the history of sexual orientation issues, health and legal issues of sexual and gender minority people, sexual/gender identity development, and legal issues directly affecting UCLA and Los Angeles.

Ronni Sanlo** and Suzanne L. Seplow,** F06**
LGBT is Not a Sandwich, or Straight Talk about Gay Issues in America

The course explores the ways in which American culture is affected by sexual orientation and gender identity issues. Topics include an overview of historical perspectives, legal and political issues specifically relating to education, sexual identity development, impact of bullying and harassment in schools and colleges, relationship between sexual orientation discrimination and all other forms of discrimination, how to be an ally, and the impact of sexual orientation issues on all people regardless of their sexual orientation.



Ronni Sanlo,** F06*****Radical Women: Lesbian Music and Comedy in Los Angeles***

This seminar will inform students through active discussion, listening, viewing, and participation about the influence of lesbians on music and comedy in Los Angeles. Topics include the history of lesbian music and comedy, and a discussion with Andrea Meyerson, director of the award winning film *Laughing Matters*.

“It is really a wonderful experience. Most of your time goes into designing an interactive class rather than preparing for weekly sessions..... Once the students get their hands on the material, the momentum comes from them. The instructor’s job is to be able to fuel the discussion when it needs it.”

—Faculty Quote, Positive Experience

HUMAN COMPLEX SYSTEMS 19**Dario Nardi, F06*****Cognitive Processes: Exploring how you Perceive, Decide, and Learn***

In 1923, long before neuroscience was a discipline, psychiatrist Carl Jung proposed eight cognitive processes that all people have potential access to. We will explore these eight processes, which link to many questions about the human experience, through fun activities, exercises, and discussions. For example, how do we determine physical risk when acting on impulse? Why do we sometimes cling to the past? And how do objective agreements between people arise from being able to take measurements using a ruler or clock? There will be an emphasis on how mind mediates daily life situations with other people and environmental demands, with an eye on practical applications such as improving individual study skills. We will also examine the present scientific evidence for Jung’s theory. Philosophical questions such as how do we know what we know, and if learning is built into thinking process will be addresses.

INFORMATION STUDIES 19**Clara Chu, S07*****Asians in Latin America: Constructing and Representing Community and Identity***

Contemporary migration of Asians to Latin America dates back to the early 1800s. Increasing globalization and transnational migration is reshaping current society. This course examines the categories, stories, and voices that represent contemporary and historical constructions of identity and community. An examination of diverse narratives and modes of building community help us to understand how migrants to specific locations and at particular times have been defined and considered within a community and in national discourse (by dominant society/culture). Students will examine ethnicity as a notion of national identity in Latin America, thus, as part of the national imaginary and discourse (i.e., Latin America as a “multicultural society,” how are Asians integrated in the social fabric of society?), and understand Asian Latino groups as transnational communities and their notion of identity and nationhood, and explore the real-world and cyber space.

Anne Gilliland & Antronette Yancey, F06***Cultural Literacy and Community Health***

This seminar will introduce the connection between informatics and public health. It will address information systems, information-seeking behavior, as well as the role of literacy and access in terms of community health. Community well-being as it relates to issues of access to cultural information, cultural literacy, and the construction of cultural/community identity will also be addressed. Discussions will emphasize communities of color, role of children and adolescents in traditional and non traditional family structures and communities, obesity and diabetes, and class structure may involve guest speakers and relevant films. Credit for this course also requires participation in the Symposium on Social Inequalities on October 12-13 on the UCLA campus. This course is part of the Social Inequalities Initiative.

John Richardson, S07***“Just Google It”: What It Is and When It’s Appropriate***

Google, the world’s most popular search engine, indexes more than eight billion Web pages. This seminar explores the rise of the Internet and the World Wide Web as an important, if not authoritative, source of information for facts, news, shopping, and geography. Description of Google’s features, compared and contrasted with other Web resources. Exploration of the evaluative criteria including issues of authority, believability, and trust.

Virginia Walter,* F06***Voices of Color in Children’s Literature***

Discover new voices from the African American, Asian American, Latino, and Native American communities who are writing for children.

LAW 19

Steven Bank, W07*Financing War*

Significant changes in the U.S. tax system over our history have emerged from the crucible of war. Financial exigencies of fighting war combine with a sense of need for shared sacrifice to produce momentum for reform focused on increasing progressivity of a tax system and spreading the burden of wartime expenses across populations. Former House Majority Leader Tom DeLay made a stunning declaration: “Nothing is more important in the face of war than cutting taxes.” This seminar will explore the history of wartime finance in the U.S., examining the major innovations in taxation and bond finance that occurred during Civil War, World War I, World War II, Vietnam, Korea, Gulf War, and recent conflict in Iraq. We will discuss of how war has influenced government finance. This seminar considers the extent to which recent tax cuts may or may not be unprecedented and their possible causes.

Kenneth Graham,* F06*Peace, Nonviolence, and The Law*

This seminar explores the question: how do courts help or hinder efforts to peacefully change the status quo? We shall look at the way judges respond to nonviolent protests to how they think about questions of peace, violence, and social change. Though lawyers like to think that law helps preserve peace (police officers are sometimes called “peace officers”), often those who engage in violent or nonviolent acts seem to think otherwise. While we will not be able to say who is right, we will look at the evidence (pro and con) and try to come up with helpful ways to think about this question.

Joel Handler, W07*Changes in Social Welfare and What Has Happened to Poor Single-Mother Families*

This seminar will discuss the history of aid to poor single mothers and their children (formerly “AFDC”) now known as Temporary Assistance to Needy Families (“TANF”). The welfare reform of 1996, “Ending welfare as we know it,” led to a decline in the welfare rolls. We will discuss what has happened with poverty and inequality since then, with an emphasis on working mothers and their children in low-wage labor markets.

Russell Korobkin, F06*Introduction to Negotiation*

This seminar will provide a conceptual framework for thinking about the process of negotiation as a strategic and social endeavor. Each meeting combines lecture, discussion, and negotiation simulation that allows students to apply theory to a specific problem.

**Frances Olsen,* W07***Political Trials of Visionaries, Reformers, and Revolutionaries*

This seminar examines the various roles of law in promoting or impeding social change through the lens of political trials. We will learn about the origin and potential of jury nullification, the uses of courtroom by revolutionaries as political platform, and recent government efforts to suppress these traditional outlets of political expression.

Kirk Stark,* W07*Inequality, Tax Policy and Distributive Justice*

This seminar will examine the growing inequality of income and wealth in the United States and ask what, if anything, tax policy should (and can) do about it. Topics to be discussed include the progressivity of the income tax, taxing inheritances, the flat tax, progressive consumption taxes, how the tax system should treat low-income households, and redistributive school finance reform.

“It is a different and more effective approach to learning. When the student is more active in discussion then he or she will take greater interest and learn more. The topics were excellent, and I will take that with me forever. I feel like a better person for having taken these classes.”

— Student’s Quote, Seminar Strength

MANAGEMENT 19

Shlomo Benartzi,* S07

Psychology of Investing

This seminar will provide an overview of psychological factors involved in saving and investing behavior of individual investors.

Christopher Erickson,* Sanford Jacoby,*

David Lewin,* Daniel Mitchell,*

William Ouchi, F06

An Introduction to Human Resource Management

This team-taught course is intended to provide an introduction to managing the employment relationship in modern organizations. Topics include origins of human resource management; negotiations; diversity; pay practices; and HR and business performance. Each session will be taught by a different professor from the Anderson School of Management. Each faculty member has done extensive research in their area of specialization, which are: history of management (Jacoby); pay practices (Mitchell); human resources and business performance (Lewin); diversity (Ouchi); and negotiations (Erickson).

Robert Geske, F06

Financial Economics Risk and Return

This seminar will involve weekly readings and discussions of articles by eminent financial economist Fischer Black. Black was a professor at both MIT and Chicago and a partner at Goldman Sachs. He is an author of many famous papers, including Black-Scholes option pricing model.

Bennet Lientz, S07

Information Technology

This seminar is an introduction to information technology (IT). We will discuss hardware, software, communications, and networking from a practical point of view. No previous technical background is assumed. This seminar will provide a discussion of technology trends and implementation as well as discussion of issues and problems including management, organization, and technical problems. Examples include Vista operating system, wireless networking, radio frequency identification (RFID), integrated software for enterprise resource planning, supply chain management, and customer relationship management. Example system areas include government, manufacturing, distribution, health care, transportation and logistics, banking and finance, and other areas. We will discuss roles in IT, examine a variety of Web sites, and presentation guidelines for evaluation and assessment of new technology.

Bennet Lientz, S07

Modern Project Management

Look around you and what do you see? Projects. You cannot accomplish major things without projects. Most graduates become involved in projects and project management as it is a key vehicle for improving work, processes, and organizations. This seminar will explore modern techniques of project management. Topics include examples of project failure and success and elements of project success; how to define a project; how to establish a project plan; monitoring work in projects; evaluating project milestones; establishing effective project teams; closing projects. Issues encountered in projects are discussed in teams: work, project leaders, methods and tools, quality, organization involvement, multiple projects, and other areas. Examples considered in engineering, business, medicine, science, construction, real estate, and other areas. No technical background is required.

Bill McKelvey,* W07

Complexity Science: An Overview of Order-Creation Science

Complexity is a curious mix of complication and organization that we find through the natural and human worlds. Nobel Laureate Murray Gell-Mann says it is about finding simplicity beneath surface complexity. Science as we know it studies forces and trends toward equilibrium. Complexity science is “order-creation science.” If there is no Intelligent Designer, how do new order, new structure, and new processes appear in the physical, biological, and social worlds? Complexity science is about the “0th” Law of Thermodynamics—how order appears out of randomness. It is about normal science done backwards, often called New Science. This seminar will introduce you to this new science and it will be a conversion experience!



Hans Schollhammer,* W07*The Entrepreneurial Process*

This seminar examines the important aspects of starting a new business venture and directing its early development. It will familiarize students with the crucial stages or milestones in the entrepreneurial process, especially identification and evaluation of new venture opportunities, legal structure and organization of new business, development of business concept and business plan, approaches to venture financing, teambuilding, staffing, and marketing considerations in a new venture context. Attention will be paid to the characteristics of successful entrepreneurs and to analytic tools or techniques to establish the feasibility of a venture.

E. Burton Swanson, W07*Where Are We Going with IT?*

We will read and discuss two recent books addressing the future of information technology (“IT”) in organizations; a subject that should concern any student preparing for a working career. This seminar will also identify our own collective expectations and concerns about working with IT.

**POLITICAL SCIENCE 19****Richard Anderson, S07***A Connecticut Yanqui in Lenin's Tomb*

In his time-travel fantasy of a visit by a Connecticut engineer to early medieval England, Mark Twain presents an explicit model of how leadership can transform a dictatorship into democracy, a topic much on the minds of social scientists since the fall of the Soviet Union in 1991 triggered the so-called third wave of democratization. Does Twain's model recur in David Remnick's account of how the last Soviet dictator Gorbachev engineered his country's transformation? And what does that have to say about Americans' receptivity toward migrants speaking languages other than English?

Susanne Lohmann, W07*Can't We Make Moral Judgments?*

In this seminar, we shall explore normative ethics (how we should reason about right and wrong), empirical ethics (how we actually reason), and meta-ethics (how we can ground moral reasoning). Normative ethics includes standard ethical principles of utilitarianism, rights, and justice-fairness. Empirical ethics relies on evolutionary psychology (just-so stories), social psychology (experiments), anthropology (cross-cultural differences), and history (cultural change over time). Meta-ethics splits into two camps, realist (there are objective values) and anti-realist (there are no objective values). The latter includes moral, or cultural, relativism. Special emphasis is placed on the relationship between religion and ethics (e.g., if God is dead, is everything permitted?).

“The instructor was very much a guide. He often had very knowledgeable things to say, but he also allowed us as students to act on our own in discussion.”

— Student/Faculty Interaction

SOCIAL WELFARE 19**Lene Levy-Storms, S07***Intergenerational Communication across Life Span*

What do you say to engage your parents in conversation? How do you talk to your grandparents? Does your family talk to one another as a group well? Individuals of all ages interact with one another, and their interactions have significance throughout their lives. This seminar will provide with an understanding of the nuances of interpersonal communication as it applies across various age groups.

Duncan Lindsey, S07*The World of Children*

This seminar examines children's issues around the world. It looks at the state of children and examines particular children's issues in the United States and around the world.

SOCIOLOGY 19

Rogers Brubaker, F06

Music and Society: Haydn, Mozart, Beethoven

This course will focus on selected works by Haydn, Mozart, and Beethoven. It involves both social analysis—addressing the ways in which music is produced, performed, and consumed—and musical analysis. Social issues include changing social functions of music; the changing understandings of the social status of composers and performers, especially in connection with new understandings of “genius;” the social processes through which genre differences are established or eroded; and the ways in which music expresses social identities. Through close listening to selected works in the genres of piano sonata, string quartet, symphony, and concerto, the course also seeks to deepen students’ musical understanding and to strengthen their listening and analytic skills.

Cameron Campbell, F06

Families and Inequality in China

Family plays an important role in inequality in China. Some individuals are advantaged by their parentage, household of residence, or lineage membership, while others are disadvantaged. This was true not only in the past, but in the present. In this class, we will examine how family membership and relationships shape patterns of inequality in historical and contemporary China by conditioning the opportunities available to individuals. We will examine how families sustained their social and economic position from one generation to the next, and examine how efforts at social leveling after the founding of the People’s Republic in 1949 affected these patterns. Along the way, we will introduce the novel data and methods used to address these questions. Students will gain insight not only into the Chinese family, but also into approaches used to study the sources of inequality in China and other societies.

David Halle, S07

Sociology of Cinema: Hit Movies, 1920 to 2007

This seminar examines the relationships between dominant themes in hit movies and the features of American society at the time movies were released. We will study main topics/themes in hit movies and investigate ways in which these topics/themes resonate with society in that period. We will also explore how central topics/themes in these movies change from one period to next (if they do) and how these changes relate to changes in American politics, society, and culture (if they do).

Ruben Hernandez-Leon,* W07

Migration as Business: The Migration Industry in Global Perspective

The burgeoning global migration industry is a complex of profit motivated services that foster, facilitate and sustain international migration. Migration industry includes services of smugglers (“coyotes”), labor contractors, transportation companies, travel agencies, communication and remittance businesses, mail-order bride services, false and valid documentation procurement, and legal and paralegal consulting, among others. This seminar looks at the role of the migration industry in a variety of international migratory flows, in the context of Mexico-U.S. stream and, specifically, Los Angeles.

Peter Kollock,* F06

Zen and the Art of Cooperation: Buddhist Approaches to Peacemaking

This seminar examines Zen Buddhism, not in the context of religion, but as a system of social psychology that has evolved over 2600 years. We will examine Zen Buddhist practices for developing cooperation and peace in one’s self, one’s relationships, and the larger society. A key element of the seminar will be a weekend retreat at a Zen Buddhist monastery in Southern California. The retreat will take place in April.

William G. Roy,* F06

Making Societies: Historical Construction of Our World

The theme of this course is things that we take for granted as natural, but which are actually historically constructed. These include perception (time and space) and hierarchy (race and gender). The way we experience time and space, relate to each other in terms of social characteristics, and organize our affairs is often assumed to lie outside of social explanation, either in physical nature, biological foundations, or human nature. This course will try to find the social explanations for these things by probing the variation among different societies. In doing so, it is hoped to lay bare our own society’s assumptions and learn more about ourselves.



Min Zhou, W07*Contemporary Chinese Immigration*

Designed as an introduction to contemporary Chinese immigration, this seminar will examine how historical events and cultures in the homeland and American society, patterns of social relations, and ethnic and host social structures, have interacted to affect the process of adaptation and life changes of Chinese immigrants and their offspring. In this seminar, students will become more aware of the social forces that bind Chinese immigrants and their families together, the dynamics of social institutions in an ethnic community and in a larger society which mediate between individuals and their increasingly complex physical environment, and determinants of status attainment. Through the study of a particular immigrant group, students will understand better the various structural and cultural factors that affect the process of immigrant adaptation. Students will also see more clearly the invisible threads which connect Chinese immigrants with other immigrants.

“My instructor was amazing, always prepared and so passionate about the topic. He would email us during the week, was willing to talk outside of class, and the entire seminar was discussion, so we really could interact in ways you usually can’t with experienced professors.”

— Student’s Quote, Student/Faculty Interaction

SOUTHEAST ASIAN 19**George Dutton, W07***The War in Iraq and the Lessons of Vietnam*

This seminar examines the wars in Iraq and Vietnam and considers the parallels between them and how the lessons learned from the war in Vietnam might apply to Iraq. Topics will include issues of political contexts, the justifications for war, legal and moral ramifications, public response, and the manner in which wars were fought. In-class discussions also consider these wars within their geopolitical contexts, including the Cold War and the War on Terror. The seminar will center on student discussion, based on readings and current events.

STUDY OF RELIGION 19**Kenneth N. Klee, F06***Jewish Mysticism in Theory and Practice*

In this seminar, we will explore the different mystical traditions and their role in law and society, on a historical and current basis. We will discuss the historical and theoretical interactions among law and mysticism coupled with practical mysticism.

URBAN PLANNING 19**Randall Crane,* W07***Sprawl: The American Dream, or Nightmare?*

What is sprawl, is it good or bad, and what should be done about it? Many urban areas, in the U.S. and elsewhere, are growing rapidly at their peripheries, with new residential, commercial, and industrial developments gobbling up undeveloped land, or smaller towns, often at a startling pace. Even some cities losing population are expanding physically as families shrink in size, generating more households per capita, and the demand for space continues to rise with income. Some evidence indicates that this pattern of development is problematic for a host of reasons. Land consumption for urban development is particularly a concern when converted from potentially more valuable land uses, including land devoted to scenic, recreational, and habitat purposes. More city traffic jeopardizes our health, our sanity, and our pocketbook, as well as the environment. There is much to learn about—first, how to think about how communities form and spread and, second, what to do about it.

WOMEN'S STUDIES 19**Taimie Bryant, W07***Law and Nature: What Ecofeminism Contributes to the Debate*

As a branch of feminism, ecofeminism examines the connections between the degradation of nature and the oppression of women. Yet ecofeminism itself contains different perspectives and types of analysis. For example, some ecofeminists argue that since traditional women’s work brings women (more so than men) into contact with nature, human destruction of nature has a particularly negative impact on women. Some ecofeminists work more from a perspective that the degradation of nature is fundamentally about degrading women because women are seen as “natural.” Since ecofeminism contains highly theoretical perspectives as well as pragmatic concerns about humans’ treatment of nature and the environment, this course will examine differences among ecofeminists and applications of their ideas. Whenever possible, those theoretical and pragmatic concerns will be reviewed through a lens of legal reform that takes into account ecofeminist concerns. The course will also compare ecofeminist thought to liberal and radical feminist thought.

Science & Technology

ASTRONOMY 19

David B. Cline, F06;W07

The Invisible Universe and Life in the Solar System, from omega to alpha

We will discuss in the simplest fashion (non-mathematical) the current understanding of the universe. The dark universe that is mostly made of invisible dark energy and dark matter, and neutrinos. We will present the evidence for these components of the universe. Normal matter (the matter humans are made of) makes up less than 4% of the universe and the stars less than half a percent. Then, show how the invisible dark matter leads to the formation of galaxies and stars. Some stars in turn explode producing the neutrinos and heavy elements that constitute the materials from which life originates. Complex molecular systems were also likely formed. We will trace the distribution of these heavy elements to a period 5 billion years ago. They also were incorporated into organic materials that eventually lead to the origin of life on Earth. We will sketch out how this may have happened. We finish up by discussing the search for life elsewhere in the solar system that may involve the very same organic molecules.

ATMOSPHERIC AND OCEANIC SCIENCES 19

Alex Hall, W07

The Environmental Transformation of the Arctic

Though signs of global climate change can be seen all over the earth, the arctic and surrounding land areas are currently experiencing a particularly dramatic change, including the loss of sea ice and snow cover, the disappearance of permafrost, and the melting of the Greenland ice sheet. This seminar examines the reasons the arctic is warming so much more rapidly than the rest of the world and the consequences of arctic change for the northern regions and the global environment. Since climate change is comparable to what's already occurring in the arctic and is anticipated for the rest of planet in the coming century, focus on the Arctic gives a glimpse into the rest of the earth's future.

Richard Turco, W07

Cosmic Evolution: How Everything is Connected By the Arrow of Time

This seminar will provide a discussion of how matter has evolved over the course of time, since the beginning of the universe to the present. This seminar will emphasize the processes by which complexity and organization arise and grow in natural and manmade systems. We will explore the empirical evidence for inevitable and irreversible transformation of matter, leading toward life and beyond, along the arrow of time.

BIOMEDICAL ENGINEERING 19

Jack Judy,* F06

NeuroEngineering: The Technology That Could Enable the "Matrix"

Brain-computer interfaces portrayed in "The Matrix" movies make use of neuroengineering technologies, many of which already exist. Implantable devices that interface directly with human senses, such as allowing the deaf to hear, are a commercial reality. Research efforts are now underway that will enable the blind to see, and the paralyzed to move. Direct brain-computer interfaces are future goals. Seminar topics include past, present, and future neuroengineering technologies and devices, and their possible social implications.

Howard Winet,* W07

Truth and Questions in Orthopedics

The demand for solutions to fracture healing problems has spawned a variety of orthopedic devices, but the rush to application has outrun the scientific evidence for effectiveness. Using a class reader, lectures including a guest surgeon and an engineer, and discussion, this seminar explores how the needs for scientific rigor and clinical demands have conflicted historically, beginning with Bacon's separation of religion from science, through the entrance of science into medicine in the late 1700s. This seminar examines current FDA requirements for safety and efficacy of orthopaedic implants. The development of orthopaedic fixation devices serves as a focus and example of how this transformation is now underway.

"This class was an ideal example of how intellectual engagement should be held. Professor [X] created an environment that was both plentiful in knowledge as well as easy going. She enabled every student to feel that they could ask questions or make comments without the fear of being ridiculed."

— Student Quote, Student/faculty interaction

CHEMISTRY AND BIOCHEMISTRY 19

William Gelbart, S07

Making Viruses

Viruses are widely appreciated, and greatly feared, as one of the most insidious disease agents. Indeed, as long as there have been bacteria, plants, and animals there have been viruses that infect each and every of these widely-varying forms of life. In this seminar, we consider a range of basic questions: In what sense are viruses “living” versus inanimate objects? To what extent is it possible to make viruses “from scratch” (i.e., from purified components) in laboratory? How simple can a virus be? Why (and how) have most viruses evolved to have essentially perfect (i.e., cylindrical, or “spherical” [icosahedral]) symmetry? How can viruses be used in helpful ways to deliver drugs and genes?

Herbert D. Kaesz,* F06

Unexpected Discoveries and their Impact on Society

This seminar will provide an inquiry into unexpected discoveries in science that have had significant impact on society and an analysis of the circumstances, which brought these about. Serendipitous, i.e., fortuitous observations become significant only where the observer can recognize or correctly interpret the discovery, as in the case of the mold metabolite penicillin discovered by Fleming in 1928, giving rise to a new class of antibiotics. Discoveries in medicine, which derive from an indigenous oral tradition prior to their entry into Western European practice, will also be discussed. A librarian will address the seminar regarding use of the library and computerized search facilities.

David Scott, W07

Chemistry and Art

This seminar will discuss the interactions between chemistry and art, including how chemical knowledge over the thousands of years in which art has been produced has been a critical factor in art and how it is made. Chemistry is also very important in the conservation of art for the future, and helps in the design of new materials and methods for conservation of our heritage. This seminar will explore some of these interactions.

CIVIL & ENVIRONMENTAL ENGINEERING 19

Ertugrul Taciroglu, S07

Learning from our Mistakes: Catastrophic Failure of Structures through the Ages

Engineers constantly strive to perfect their designs by careful analysis and experimentation, and to reach new frontiers in a constant battle with the elements of nature. This constant push, and the ever-present limitations in our understanding of the physical world, occasionally leads to unfortunate and catastrophic failures.



COMMUNITY HEALTH SCIENCES 19

Jill De Jager ** and Pamela Viele,** F06; W07; S07

Cosmo Says You're Fat? I Ain't Down with That: Nutrition and Body Image Life Skills

This seminar will examine the personal, social, and environmental factors that influence college students' eating behaviors and body image. Students will learn to apply these theories in developing an individualized plan to eat well, be active, and feel good about their bodies. Students will also learn practical skills with applications to stress management, positive body image, and nutrition as they participate in a critical evaluation of popular diets, healthy body weights, sports nutrition, fitness, supplements, muscle builders, media body ideals, and self-destructive thoughts.

DENTISTRY 19

Francesco Chiapelli, W07

Current Issues in Evidence-Based Research in Dentistry

This seminar will introduce the emerging domain of evidence-based research (“EBR”) in the health sciences of medicine, pharmacy, and nursing, with an emphasis in clinical dentistry. We will look at concepts such as systematic review, meta-analysis, number needed to treat, intention to treat, acceptable sampling, etc. Students are presented with web links and research literature in EBR as it pertains to clinical decision-making in the dental office. Current issues about implementations of evidence-based dental practice are perused.

Francesco Chiappelli, F06*Pain and Stress Management in Dentistry*

The seminar will discuss research in stress in the context of clinical dentistry. The discussion will focus, for example, on canker sores psychoneuroendocrine-immune regulation, facial pain (e.g., temporo-mandibular problems), mind-body interactions, and on the effect of meditation and complementary and alternative medicine in dentistry. Students will be introduced to the research literature, and guided in reading and mastering research on stress and pain management and its implications in dentistry.

Ichiro Nishimura, W07*Research Management for Young Scientists and Creative Minds*

This seminar will enhance the understanding of the challenges of managing scientific research in the industrial, academic, and government laboratory settings. Three representative laboratories- Xerox's Palo Alto Research Center (PARC), MIT's Media lab, and Los Alamos National Laboratory, are discussed in-depth. Students will investigate the factors influencing design and initial establishment of research centers. We will discuss organizational structures and recruitment issues. Students will also investigate various managerial considerations with unique aspects on discovery in research centers. Discussions include personnel and funding management. We will examine methods evaluating performance, outcome, research strategy, and direction-setting of research centers.

EARTH AND SPACE SCIENCES 19**Jonathan Aurnou, F06***Signs of Glaciers Past: Eastern Sierra and Tuolumne*

Since the time of their uplift, the Sierra Nevada mountains have been carved and re-carved by glaciers. We will spend a weekend studying geological records of past ice ages along the eastern front of the Sierras and Tuolumne Meadows area of Yosemite National Park. Examination of massive glacial moraines of Convict Lake and hike to the top of the 11,004-foot Gaylor Peak: (http://www.summitpost.org/show/mountain_link.pl/mountain_id/1829) to survey an array of glacial landforms. Each student becomes an expert on a topic relevant to the trip and helps to educate the class when we arrive at the field area that pertains to their expertise.

Mark Moldwin, S07*The Physics of Toys and Games*

Many toys (from yo-yos to swing sets) and games (from baseball to hockey) have a small set of underlying physical principles that give a toy or game its unique character. These concepts include the conservation of angular momentum, the conservation of energy, and the concept of force. Students in this seminar will play with many toys and play a variety of games with the purpose of identifying and understanding the underlying physics. The goal is to open up a whole new way of viewing play, by understanding how things work.

Bruce Runnegar, W07*Evolution: How It Works and Why It Matters*

A review of the mechanisms of evolutionary change, ranging in scale from biomolecules to populations and discussions of the importance of evolution to human activities. Topics include the origin of life, fossil records, viral evolution, drug resistance, human origins, the possibilities for life beyond Earth, and artificial life.

An Yin, S07*Water Resources of the World: A Question of War and Peace*

Some experts suggest that by 2015, 40% of the world's population will not have enough water to meet basic needs. The availability of potable water may be further attenuated by near-future climate change, preventing the recharge of rivers and underground aquifers. Many water bodies and underground water have already become unavailable as a source of drinking water due to contamination. Disputes on water rights are common at all levels of civic society and government agencies, nationally and internationally. The course will begin by describing the basic sources of fresh water on earth, water cycle, and various forms of water on land. We will briefly describe the chemical composition of surface and subsurface water and the process of drinking water accumulation, depletion, and pollution. Cases of national and international disputes of water rights will also be discussed.





“This seminar experience helped me open up and express my ideas and also gave me the opportunity to consider other possibilities and points of view.”

—Student’s Quote, Seminar Strengths

ECOLOGY AND EVOLUTIONARY BIOLOGY 19

Don Buth, W07

Parasites: Eating us Alive

This seminar will introduce students to the parasitological half of the animal kingdom by way of popular text that emphasizes historical aspects of this biological phenomenon. Humans as hosts are emphasized. Topics include how parasites have influenced human evolution and human history.

Peter Nonacs,* F06

Evolutionary Medicine: How Natural Selection Helps Us Understand Why We Get Sick

Why do we grow old and die? Why do our own cells sometimes become cancers that grow wildly until they kill us and themselves? Why are plant poisons designed to kill insects—such as caffeine, nicotine, and chocolate—some of our favorite substances to eat? Why are new and deadly diseases appearing in our hospitals? Questions like these have long puzzled medical science. An exciting new approach to these “why” questions involves application of evolutionary principles. Disease, illness, and human behavior not as constant phenomena, but as having evolved and continuing to evolve through Natural Selection. Evolution is a fundamental concept that unifies all of modern biology and, perhaps very soon, modern medicine as well.

ELECTRICAL ENGINEERING 19

Mary Eshaghian, F06

Effect of Nanotechnology on the Design and Application of Future-Generation Computers

This seminar will present an overview of nanotechnology and its effect on design and application of future-generation computers. Questions include: What can living organisms teach us about how to design computers that will be much smaller, faster, cheaper, and more versatile? Will we be able to create computers so small that they can be embedded in our clothes, accessories, or even our bodies as implantable devices? What are some high-tech and bio-medical applications of such computers? How will this affect our lives in terms of privacy issues, etc.?

HONORS COLLEGIUM 19

Amy Chatfield and Joan Kaplowitz, S07

How to Stop Just Googling and Find the Really Good Stuff!

Google indexes over 25 million web pages, and each day 1.5 million pages are added to World Wide Web. With so much information online, how can one be sure that searches are finding information that is recent, reliable, accurate, complete, and authoritative? Search engines like Google and Yahoo find websites in visible Web; some are useful, many are not. Materials that make up the invisible Web are harder to find and search, but include indexes of scholarly research materials and unique databases like PubMed (free) and Web of Science (subscription). Secrets, tips, and tricks to help students save time while performing research, prepare better papers, and become powerful information researchers. Focus on locating, evaluating, and using scientific information; but techniques and skills learned are helpful for research in any discipline. Supports GE80 sciences-oriented research papers.

HUMAN GENETICS 19

Michelle Fox and Christina Palmer, W07

Genetic Counseling: Making Genetics Real

This course focuses on the fascinating field of Genetic counseling. Genetic counseling combines psychology and science to explain the role of genetic information in the lives of individuals and society. By ‘making genetics real,’ genetic counselors help individuals to understand genetic information and to make decisions about its use, for example, through genetic testing for conditions such as cancer, Alzheimer’s disease, and cystic fibrosis. Through the exploration of case histories in each of the areas of genetic counseling specialization, we will discuss the ethical dilemmas facing individuals in approaching their genetic future.

MATERIALS SCIENCE 19

Ya-Hong Xie, F06

High Technology: Its Role in Shaping Society and the Future

High technology industry has its unique attributes compared to other, more traditional industries. The objective of this seminar is to explore the past, current and future of the high technology industry, its characteristics, and its impact to our daily lives, our society and to the world as a whole. The subjects of discussion are led by students' literature searches. A number of students are designated as the discussion leader for each class. Each of the students is assigned a general topic area for his/her literature search during the prior class meeting. Each discussion leader makes a short presentation summarizing his/her findings, which is followed by the class discussion.

accurate and practical viewpoints. In addition, career opportunities and required education will be discussed.

“These seminar-based classes are a formidable heuristic tool. For students, the courses are a setting for close contact with ladder faculty—most of them senior professors. This form of teaching is at the very heart of what education ought to be: an opportunity to engage faculty and students in thoughtful and collegial discussions about an array of topics.”

— Faculty Quote, Seminar Strengths

MECHANICAL & AEROSPACE ENGINEERING 19

Yongho Ju, S07

Everyday Science—From an Engineer's Viewpoint

The 21st century requires engineers well-versed in diverse disciplines rather than those with very narrow and limited focus areas. This seminar will take a fresh look at everyday science from the perspective of an engineer. The goal is to use “mundane” everyday life as a source of rich examples to expose students to the power of systematic analyses as well as creative thinking.

Anthony Mills, S07

Energy and the Environment

This seminar will address one of the most critical problems facing state, nation, and world in the 21st century—that is, conflicting demands of adequate energy supply and protection of the environment. Students will be given opportunities to investigate and discuss a broad range of current and potential energy sources, as well as their impact on the environment and potential methods for mitigating degradation of the environment. Students will discuss quantitative assessments of various issues that have potentially different viewpoints/conclusions, allowing them to gain

MEDICINE 19

Mary Maish, F06

Medicine in the Arts

The complexities that lie within a doctor-patient relationship are seen throughout the arts. This seminar will explore literature, art, music, drama and movies, and discuss the varied ways in which this unique relationship is portrayed. The role of the doctor has changed throughout history—or is it that society has slowly changed the role of the doctor? The impact that this has had on society and doctor-patient is seen through the arts, and will be explored as we read, listen, and look at ways the arts and medicine are intertwined.

Oleg Melamed, F06

Learning to Practice Medicine

Much is known about the challenges of medical practice in overburdened clinical settings. Overcrowded emergency rooms are now an everyday reality everywhere. Many critically ill patients leave waiting rooms before being seen by a physician. Invisible barriers separate patients from their doctors. Lack of insurance, financial disparity, language and cultural differences are just some examples. Inconsistency in doctors' training, professionalism, and social skills may present additional problems for patients seeking treatment. Students in this seminar will take on the roles of healthcare providers and their patients to expose and confront some of the biggest issues in healthcare today. The discussions that will result from role-playing will increase awareness for future practitioners. The seminar may offer to develop specific skill sets for students interested in entering the medical field.

Neil Parker, S07

The Magic of Medicine

This seminar will introduce students to the translational medicine- medical research that is applied to the practice of healing and treatment, illustrated by extraordinary discoveries, treatments, and surgeries conducted in the UCLA Medical Center. Students will engage in critical discussions of the potential for cutting-edge scientific discoveries and applications of those discoveries to medical treatment. For example, what is nanomedicine and what does it promise in cures for cancer and the repair of muscle and nerve damage? Vaults—mysterious sub-microscopic hunks of protein found in every cell in the body—are explained and their application to treatment explored. What is the potential for new medical treatments using stem cells? Each two-hour session will be conducted by UCLA medical researchers and physicians.

“The intellectual engagement of this class was the highest I have ever experienced.”

— Student's Quote, Student/Student Interaction



MICROBIOLOGY, IMMUNOLOGY, & MOLECULAR GENETICS 19

Lawrence Feldman, S07

Bird Flu: What Is It? Is It Dangerous?

This seminar will provide a brief description of what a virus is, followed by how human influenza virus infects our cells, how human influenza and avian influenza differ in their attachment to cells, and what this means for potential human infection.

Donald Nierlich, S07

Genomics, Genetic Engineering, and You

The genome of an organism is collectively all of its genetic (hereditary) information. Since the discovery that genes are encoded in DNA, there has been steady progress in understanding and manipulating the genomes of organisms from microbes to mammals. This knowledge has led to new drugs, new diagnostic tools, and new industrial processes. It has also led to a new class of altered plants and animals, and the “promise” of gene therapy and the alteration of the human germline. The green man of the comics is well within reach. In this course, we will learn about current technology, and then examine our thoughts as to what limits, if any, should be placed on this R&D. Topics include cloning and gene therapy; DNA sequencing; medical and forensic DNA testing; individual human genomes; race-related features; modern man's predecessors and their global migration; and the genomes of bacteria, yeast, primates and (wo)men.

MOLECULAR, CELL, & DEVELOPMENTAL BIOLOGY 19

John Merriam,* S07

Science and Coffee

The New York Times Science section (published each Tuesday) is a premier way to get in the habit of reading and keeping

up with science developments particularly, but not limited to, life and medical sciences. Once-a-week we will review the Science section; we will discuss articles of interest and identify topics for further exploration on the Internet. Coffee will be served.

John Merriam,* F06

Utopian Visions of Human Biology

Nature-nurture, eugenics, genetic determinism, gene therapy, and now, human cloning and stem cells produce controversy. We will evaluate the scientific merit of different positions in that controversy, and the moral and ethical limits over using DNA science.

“The subject matter was very interesting and no prior background knowledge was needed. Everyone could somehow relate and contribute to the subject matter. Also it was great to actually be taught by a professor you could get to know a little bit...”

— Student’s Quote, Seminar Strengths

NURSING 19

Janet Mentes, S07

Who Wants to Live to 100? Aging in the 21st Century

This seminar will explore what is currently known about human aging and longevity and put it in the context of personal and family aging concerns. We will tackle questions such as, when are we old? It is fine to grow old, but do I have to get sick? What about antiaging medicine? How can I plan for my parents or my own aging? By the end of the quarter, students will have an appreciation of aging trends, stereotypes, common illnesses and strategies for healthy aging.

Mary Woo, W07

When You Snooze, You Lose: Sleep Disorders and Cardiovascular Risk

This seminar will give an overview of sleep disorders and their link to cardiovascular disease in all age ranges, from children to older adults. It includes a brief introduction to normal sleep, symptoms of abnormal sleep, and ways to improve sleep. Current and potential treatments for sleep disorders are also reviewed.

PEDIATRICS 19

Daniel Levi,* W07

Being a Doctor to Children with Heart Problems: Diagnoses, Treatment, and Physiology

This will be an introduction to the world of pediatric cardiology. This seminar will include the nature of children’s heart problems, the technology used to diagnose and treat disease, and what children go through in the process. It will provide a first-hand look at the technology and procedures in echocardiography and catheterization labs. It will also introduce the profession of pediatric cardiology and the process of medical education through medical school, residency, and fellowship.

Edward McCabe* and Linda McCabe,* W07
Genetic Market Place: A Citizen’s Guide

This seminar will involve discussions and readings on the barriers to access genetic testing. Students have to attend the UCLA Center for Society and Genetics Annual Symposium and participate by asking questions of the speakers. Students

prepare a five-page paper citing five references on a topic approved by the instructors, involving access to genetic testing.

“The classes offer a rare opportunity for you to help students to look at a topic that interests you within a pressure-free context (no grading). They seem to like it & are willing to ‘study’ something that they would otherwise not approach (for instance, my students consistently tend to be from non-Humanities parts of the campus).”

— Faculty Quote, Advice for Faculty who will Teach a Seminar in the Future



PHYSICS 19

Michael Gutperle, F06

What is Time?

In this seminar, we will discuss some aspects of the physical nature and properties of time, such as: How is time measured? Are time and space fundamentally different? What is the physical basis for an arrow of time (i.e. what distinguishes past and future?) Is time travel physically possible? Can there be a beginning of time?

Per Kraus, S07

The Big Bang and Black Holes

Our modern understanding of gravity is based on Einstein's general theory of relativity, which describes gravity as warping of space-time. When we run the current universe backwards in time, matter becomes more and more compressed, leading to greater and greater space time curvature, eventually becoming infinite—at which point Einstein's theory breaks down. This is the Big Bang. Similarly, a sufficiently-massive star can undergo complete gravitational collapse, leading to the formation of a black hole. A black hole is surrounded by a region of space time from which nothing can escape. Anything thrown into the black hole eventually reaches the “singularity”, a place where Einstein's theory breaks down, much like at the Big Bang. In this seminar, we will discuss the history and current state of these ideas.

Claudio Pellegrini, F06

Science and Non-Science, Reason and Belief, from Classical World to Our Time

We will discuss the emergence of science as a method to investigate nature, enrich our understanding of world, and, as Epicurus said, avoid superstition. Examples include

Copernicus, Galileo, Hutton, and Darwin. We will consider the present discussion on intelligent design in the light of the previous examples.

PHYSIOLOGICAL SCIENCE 19

Alan Grinnell, W07

On Human Nature: Evolution and the Future of the Human Animal

This seminar will provide a reading and discussion of seminal books by two of the most profound thinkers in human evolution and behavior: E.O. Wilson and Jared Diamond. This seminar examines the evolution of humans from just another large mammal to his unique status in the animal kingdom. We will discuss the evolutionary forces that led to the “great leap forward” to modern man, and evolutionary explanations for our bizarre (by animal standards) physical and behavioral characteristics. A consideration of why civilizations developed at different rates on different continents, and why they tend to collapse.

Nancy Wayne, F06

Biology of Birth Control

We will begin our understanding of the Biology of Birth Control by investigating how the body normally controls fertility, with a focus on the female menstrual cycle and the underlying endocrine events that control this cycle. We will then discuss a wide variety of frequently used birth control devices (e.g., barrier methods, hormonal manipulations, sterilization), and the effects they have on the reproductive system either to block conception or to induce abortion of the embryo/fetus. We will also discuss contraceptive methods that also prevent sexually transmitted diseases.



social and cultural influences will be considered. Specific attention will be given to similarities and contrasts with animal aggression, to gender differences, to mass media influences, to personality factors associated with militant national policies, and approaches to the reduction of aggression.

Carlos V. Grijalva,* F06

Stress! Causes, Symptoms, and Remedies

We all have our perceptions and misperceptions of what “stress” is and the impact that different experiences have on our lives. This seminar is intended to give students a better understanding of “stressors” in our lives and the impact they can have on mental and physical health. The causes and symptoms of stress will be examined and stress management techniques will be highlighted.

“Take the plunge—they are great experiences and you can really deal with the issues you find exciting. Have fun and let the students have fun. They are genuinely interested in learning.”

— Faculty Quote, Student Engagement

PSYCHOLOGY 19

Thomas Bradbury, S07

Speaking, Listening, and Connecting: How Humans Interact

As social beings, humans spend a great deal of time in conversation with others: friends, roommates, parents, children, strangers, doctors, intimate partners, and therapists. What happens in these conversations? What are the psychological tasks that social interaction demands of us? What are the verbal and nonverbal cues that people pick up on—and fail to pick up on—in their social interactions? Why is it that we really ‘hit it off’ in some conversations but fail to do so in others? What has to happen in a conversation between strangers so that it evolves to a deeper level of connection? How do people communicate respect, support, love, and forgiveness? By viewing and analyzing a variety of examples of social interaction, students will develop a deeper appreciation for these questions and for the complex role of social interaction in their daily lives.

Seymour Feshbach, F06

Human Aggression: Causes, Myths, and Management

The role of evolutionary and other biological factors, and of



<http://www.college.ucla.edu/fiatlux/>