

ACADEMIC CALENDAR

5 Homecoming. See Sports.
23 Thanksgiving Break Begins at Close of Classes. Ends November 28 at 8 a.m.

CHILDREN'S ACTIVITIES

5 Festivals of India; enjoy Indian sweets and stories, and make your own Rakhi bracelet, made with colorful silken threads and beads; ages 7 and up; \$10; register: (215) 898-4016; 10 a.m.-noon; Penn Museum (Museum).
19 PennKids' Climbing; ages 8 and up; 10 a.m.-noon; \$15/day, \$60 for all 5 sessions; register one week in advance at the Pottruck Center Membership Services Office; info: (215) 898-6100 (Recreation).

CONFERENCES

4 Youth and Aging: Penn Integrates Knowledge Locally and Globally; explore new vistas in interdisciplinary research, integrative teaching, and Penn's growing local and global engagements; 1:30-5 p.m.; Prince Theatre, Annenberg Center; open to faculty, staff, students, and alumni; info.: www.alumni.upenn.edu/homecoming2005/friday.html (Faculty Senate).
7 14th Annual PMI Retreat and Symposium—Cell Surface Signaling: Impact on Muscle Development; 9 a.m.-5:30 p.m.; BRB II/III Lobby and Auditorium; info.: (215) 898-4017 (PMI).
10 Penn Law Review 2005-2006 Symposium—The Chief Justice and the Institutional Judiciary; 10:30 a.m.-5:15 p.m. Continues November 11: 10:30 a.m.-2 p.m.; Levy Conference Center; info.: (215) 898-7060 (Penn Law).
 Workshops in Irreducible Complexity: Next Steps for Architecture and Science; Cecil Balmont, Non-Linear Systems Organization; 6:30 p.m.; Auditorium, Meyerson Hall; info.: www.design.upenn.edu/new/arch/. Continues November 11 (Architecture).
17 9th Annual National Research Symposium of the NIH Centers for AIDS Research—HIV/AIDS Research 2005: From Innovation to Intervention; 7:30 a.m.-5 p.m.; School of Medicine; register/location: oliviaj@mail.med.upenn.edu (Center for AIDS Research).
19 Near Eastern Archaeology: Tales from the Tells; 1-5 p.m.; Rainey Auditorium, Penn Museum; \$25, \$20/members, rsvp by November 11 at www.bu.edu/ator/phillyevents.html (Museum).

EXHIBITS

Admission Donations and Hours
 Arthur Ross Gallery, Fisher Fine Arts Library: free; Tues.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., noon-5 p.m.
 Burrison Gallery, University Club at Penn: free; Mon.-Fri., 8 a.m.-6 p.m.
 Charles Addams Gallery, Charles Addams Fine Arts Hall: free; Mon.-Fri., 10 a.m.-5 p.m.
 Esther Klein Gallery, 3600 Market St.: free; Mon.-Sat., 9 a.m.-5 p.m.
 Fox Gallery, Logan Hall: free; Mon.-Fri., 9 a.m.-5 p.m.
 Graduate School of Education (GSE) Student Lounge: free; Mon.-Fri., 9 a.m.-5 p.m.
 Institute of Contemporary Art (ICA): \$6, \$3/artists, seniors, students over 12, free/members, children 12 and under, w/PennCard and on Sun. 11 a.m.-1 p.m.; Wed.-Fri., noon-8 p.m.; Sat.-Sun., 11 a.m.-5 p.m.; free tours on Sunday 1 p.m.
 International House: free; for hours call (215) 387-5125.
 Kelly Writers House Gallery: free; Mon.-Thurs., 10 a.m.-10:30 p.m.; Fri., 10 a.m.-5 p.m.; Sat., noon-11 p.m.; Sun., 6-11 p.m.
 Left Bank, 3101 Walnut St.: free; Mon.-Fri., 8 a.m.-4 p.m.
 Meyerson Gallery, Meyerson Hall: free; Mon.-Fri., 9 a.m.-5 p.m.
 Morris Arboretum: \$10, \$8/seniors, \$5/students & youth 3-18, free w/PennCard, children under 3; Mon.-Fri., 10 a.m.-4 p.m.; Sat.-Sun., 10 a.m.-5 p.m.
 Penn Museum: \$8, \$5/seniors, children 6-17, full-time students w/ID, free/members, w/PennCard, children under 6 and Sunday; Tues.-Sat., 10 a.m.-4:30 p.m.; Sunday, 1-5 p.m.
 Slought Foundation, 4017 Walnut St.: free; Wed.-Sat., 1-6 p.m.
 Van Pelt-Dietrich Library. For hours see: <http://events.library.upenn.edu/cgi-bin/calendar.cgi>.
 Wistar Institute: in rm. B78; free; Mon.-Fri., 9 a.m.-5 p.m..



Founded in 1599, Measure for Measure, Shakespeare's Globe Theatre of London will be performing at the Annenberg Center November 30. This comedy features an all-male cast—starring Mark Rylance, The Globe's Artistic Director. See On Stage.

Upcoming

1 SPEC Gallery—Paintings; Fox Gallery. Through November 17.
4 World View from the Penn Lens; photographs by study abroad students as well as views of the world from the Penn/American perspective; reception: November 15, 5 p.m.; International House. Through December 2.
 CONFLICT: Perspectives, Positions, Realities in Central European Art; reception: 6:30 p.m.; Slought Foundation. Through December 31.
11 Nikon's Small World 2005; photos by award-winning international photographers; Wistar Institute. Through December 18.
 The Faux Show; an exhibition that explores the idea and prevalence of simulation in our daily lives; reception: 5:30 p.m.; Esther Klein Gallery. Through December 30.
14 MFA 2nd Year Exhibition and Benefit Auction; reception: 7 p.m.; Meyerson Gallery. Through November 23.
25 Holiday Garden Railway Display; lights and winter décor adorn the Garden Railway for the holiday season; Morris Arboretum. Through December 31.

Now

Vacant Property Redefined; a five-part exhibit examining innovative strategies for reclamation and development; Left Bank. Through November 21.
 Stills from the Cinematic Street; photographs by Ted Adams; Kelly Writers House. Through November 22.
 Color Fields: A Tribute to Robert Slutzky and Neil Welliver; reception: November 4, 6 p.m.; Charles Addams Gallery. Through November 23.
 Photographic Compositions: Soliman Lawrence; Burrison Gallery; reception: November 4, 6 p.m. Through December 2.
 Printer, Publisher, Peddler: The Business of the Jewish Book; looks at the ways in which Jews in the West have made and distributed printed media; Kamin Gallery, Van Pelt-Dietrich Library. Through December 6.
 From Book to Garden and Back: Works of Ian Hamilton Finlay; concrete poetry, pamphlets, books and garden projects; Rosenwald Gallery, Van Pelt-Dietrich Library. Through December 17.
 Rodney Graham: A Little Thought; film, video and sound works spanning a 30-year career; tour: November 6, 1 p.m.; ICA. Through December 23.
 Ramp Project: Fortuyn/O'Brien; foliage and nature-inspired wallpapers to create an altered interior environment; ICA. Through December 23.
 Travels in the Interior of North America: The Maximilian-Bodmer Expedition; rare hand-colored engravings struck from the original 1834-1843 plates; Penn Museum. Through December 31.

Mapping the Pacific Coast: Coronado to Lewis and Clark, The Quivira Collection; early maps and prints, dating from 1544 to 1801, illustrate the details that led up to Jefferson's decision to commission the Lewis and Clark Expedition to the Pacific Ocean; Arthur Ross Gallery. Through January 9.
 Plants for All Reasons; flower and landscape paintings from the studio class of Phoebe Shih; Upper Gallery, Morris Arboretum. Through February 19.
 A Wonderful Life: A Daughter's Tribute to a Family of Educators; Joan Myerson Shrago's digital art; Student Lounge, GSE. Ongoing.

Ongoing at the Penn Museum

Worlds Intertwined: Etruscans, Greeks and Romans; Canaan & Ancient Israel; Living in Balance: The Universe of the Hopi, Zuni, Navajo and Apache; Mesoamerica; The Egyptian Mummy: Secrets & Science; Raven's Journey: The World of Alaska's Native People; Buddhism: History & Diversity of a Great Tradition; Africa: The Cradle of Humankind; Polynesia: 'ahu'ula + lei niho palaoa.
Museum Tours
 Meet at Trescher Main Entrance; 1:30 p.m.; free with Museum admission donation; info.: www.museum.upenn.edu.
5 Highlights of the Collection.
6 Etruscan/Roman: Daily Life.
12 Egypt of the Pharaohs.
13 Africa: Rites of Passage.
19 Buddhist Influence in Ancient China.
20 Ancient Greece: Heroic Myths.

FILMS

8 The Computers: The Untold Story of the Remarkable Women who Programmed the ENIAC; 1:30 p.m.; Levine Hall (CIS).
Cinema Studies
 Info.: <http://cinemastudies.sas.upenn.edu>.
9 The Red Stuff: The True Story of the Russian Race for Space; 5 p.m.; rm. B21, Stitler Hall.
30 The Red Menace; 5 p.m.; rm. B21, Stitler Hall.
Film Culture Program
 Screenings 8 p.m.; Film Lounge, Van Pelt Manor unless otherwise noted. Free w/PennCard.
1 Kiss Me Deadly.
6 Lilya 4-Ever; Russian; 8:30 p.m.; Class of 1925 TV Lounge.
7 The French Connection.
8 Blade Runner.
13 The Vertical Ray of The Sun; Vietnamese.
14 Clockwork Orange.
15 Brazil.

20 Monsoon Wedding; 8:30 p.m.; Class of 1925 TV Lounge.
21 Annie Hall.
22 Seven.
27 The Man Without A Past; Finnish; 8:30 p.m.
28 Chinatown.
29 Dark City.

Gregory College House

Screenings at 8 p.m. in the TV Lounge. PennCard needed.
9 Comedian Harmonists; German.
30 Der Tunnel; German.

International House

Screenings w/English subtitles. Tickets: \$7, \$5/members, students, seniors unless otherwise noted. Info.: www.ihousephilly.org.
3 Off To War; Iraq war documentary; 7 p.m.; \$10, \$8/students.
10 The Apple; Farsi; 6 p.m.
12 Black Caesar; 7 p.m.; followed by Trouble Man.
18 Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb; 7 p.m.
19 The Loved One; 7 p.m.
20 The Cincinnati Kid; 2 p.m.; followed by Easy Rider.
30 Ana and the Others; Spanish; 7 p.m.

Korean Film Series

Screenings 7 p.m.; rm. 114, Education Bldg. (Center for East Asian Studies).
2 Oasis.
9 Please Teach Me English.
16 The Coachman.
30 Old Boy.

MEETINGS

4 Stated Meeting of the Trustees; 11:30 a.m.; Inn at Penn.
8 Penn Professional Staff Assembly; noon; rm. 225, Houston Hall.
30 University Council; 4 p.m.; Bodek Lounge, Houston Hall.

MUSIC

4 Anthony Braxton Sextet; the composer and saxophonist performs with Taylor Ho Bynum, Jay Rozen, Jessica Pavone, Carl Testa, Aaron Siegel; 8 p.m.; International House; \$20, \$10/students; tickets: (866) 468-7619 (Ars Nova Workshop; I-House).
10 Sounds of Enlightenment; music of J.S. and C.P.E. Bach, Vivaldi, Marais, Rameau, Couperin, and Purcell; 7:30 p.m.; Rosenwald Gallery, Van Pelt-Dietrich Library (Penn Library).
Music from the Houses
 PennCard needed; Info.: www.sas.upenn.edu/music.
4 Maureen Francis Scanlon; soprano, masterclass; 4 p.m.; Heyer Sky Lounge, Harrison College House.
6 Michele Kelly and Michael Sheadel; flute, piano; 3 p.m.; Heyer Sky Lounge, Harrison College House.
17 Karen Meier; cello; 8:30 p.m.; Rooftop Lounge, Harnwell College House.
19 Michael Sheadel; piano, masterclass; 3 p.m.; Heyer sky Lounge, Harrison College House.
21 Matthew McCloskey; jazz guitar; 8 p.m.; Fisher Hassenfeld College House.
28 Students of Darin Kelly; trumpet; 8 p.m.; Rooftop Lounge, Harrison College House.

Music Department

Tickets: \$5, free w/PennCard. Info.: www.sas.upenn.edu/music.
4 Penn Symphony Orchestra; 8 p.m.; Irvine Auditorium.
9 Cassatt String Quartet; 8 p.m.; Amado Recital Hall, Irvine Auditorium.
19 University Choir; 8 p.m.; Irvine Auditorium.
20 Philadelphia Viola Society; 8 p.m.; Amado Recital Hall, Irvine Auditorium.
29 Penn Baroque and Recorder Ensembles; 8 p.m.; Bodek Lounge, Houston Hall.

Penn Presents

Info./tickets: www.pennpresents.org.
4 Poncho Sanchez: Latin Dance Band; the congo player performs with his Latin Jazz Band; 8 p.m.; Zellerbach Theatre, Annenberg Center; \$46, \$40, \$36, \$22.
13 Orchestra Underground: Music in Motion; American Composers Orchestra performs Lucid Dreams, featuring Pilibolus Dance Theatre; 7:30 p.m.; Zellerbach Theatre, Annenberg Center; \$33, \$27, \$19.
19 Masters of Caribbean Music; the music and cultures of three Caribbean islands, Haiti, Puerto Rico and Trinidad, are explored; 8 p.m.; Zellerbach Theatre, Annenberg Center; \$46, \$40, \$33, \$20; also University Square dinner/lecture, 6 p.m.; \$15; rsvp: (215) 898-3900.

World Cafe Live

Performances daily. For a complete listing see www.worldcafelive.com.

ON STAGE

2 Hogan's Gyros; 8 p.m.; Iron Gate Theatre; tickets are available on Locust Walk; info./reserve tickets: ugbusiness@maskandwig.com. Also November 3, 4 & 5, 7 & 9:30 p.m. (Mask & Wig Club).
Penn Presents
 Info./tickets: www.pennpresents.org
10 Parsons Dance Company; performs to music by Earth Wind & Fire and Dave

November

AT PENN



Whenever there is more than meets the eye, see our website, www.upenn.edu/almanac/.



At left, Gargoyle in Paris, a photograph of a gargoyle at the Notre Dame Cathedral in Paris, France taken by Victoria Havens with the Eiffel Tower in the foreground. This is one of the photographs in the new exhibit, World Views from the Penn Lens beginning November 4 at the International House in celebration of International Education Week 2005. Penn's Office of International Programs will host this exhibit "featuring photographs that capture a visual image of how Penn students view the world from their study abroad experience and how Penn's International students view Penn/U.S. culture from their experiences in Philadelphia." See Exhibits.

Matthews Band; 7:30 p.m.; Zellerbach Theatre, Annenberg Center; evenings: \$44, \$38, \$32; matinee: \$38, \$34, \$32. Also November 11, 8 p.m. & November 12, 2 p.m. & 8 p.m.
30 Measure for Measure; Shakespeare's Globe Theatre performs with all-male staging; 7:30 p.m.; Zellerbach Theatre, Annenberg Center; \$30-\$55.

READINGS/SIGNINGS

5 Penn Black Female Authors; faculty authors featuring Dr. Loretta Sweet Jemmott, Diane McKinney-Whetstone, 4-6 p.m.; alumni author featuring L.A. Banks, 8-9 p.m.; Zellerbach Theatre, Annenberg Center (Black Alumni Society).
14 Benjamin Friedman; speech on The Moral Consequences of Economic Growth and book signing; 4:30 p.m.; Auditorium, Lauder-Fischer Hall (Global Interdependence Center).
17 Philip Hiltz; talk and book signing on Rx for Survival; 7 p.m.; Wistar Institute (Wistar).
20 Jean Clottes; lecture and book signing of Caves, Shamanism & the Last Ice Age; 2 p.m.; \$20/lecture only, \$50/lecture and reception, \$40/member; Penn Museum; info: (215) 898-4890 (Museum).

Kelly Writers House

Info.: www.writing.upenn.edu.
1 Susan Senator; reading and conversation on Making Peace with Autism: One Family's Story of Struggle, Discovery, and Unexpected Gifts; 5:30 p.m.; Arts Café.
2 Rachel Pastan; This Side of Married; 5:30 p.m.; Kelly Writers House.
3 Alan Licht; an event with Kenneth Goldsmith's Writing Through Culture and Art; 5 p.m.; Arts Café.
5 First Annual Celebration of Alumni Nonfiction Writers; 4:30 p.m.; Arts Café.
8 Connie Billie; My Body, My Choice: The Struggle for Abortion Rights; noon; Dining Room and Arts Café.
9 Rich Nichols; food writer for the Philadelphia Inquirer; noon; Dining Room.
 John Irwin; John Hopkins University; 6 p.m.; Arts Café.
14 A Reading and Scholarship Event for Children's Book Week; 7 p.m.; Arts Café.
15 Mary Kay Zuravleff; a reading and conversation on The Bowl is Already Broken; 6 p.m.; Arts Café.
16 A Rimbaud Translation Event featuring Seth Whidden and Wyatt Mason; 6 p.m.; Arts Café.
17 Teacher, Scholar, Friend: A Celebration of Victorian Poetry in Memory of David DeLaura; 6 p.m.; Arts Café.
19 Please Let Me Love You: A Multimedia Performance Work-In-Progress by Dan Fishback; 8 p.m.; Arts Café.
29 Theorizing Presents Daniel Dayan; 6 p.m.; Arts Café.

Penn Bookstore

Info.: www.upenn.edu/bookstore.
1 Lennon Revealed—Larry Kane; 7 p.m.
2 The Xeno Solution—Nelson Ehrlick; 7 p.m.
7 The Life of Benjamin Franklin—J. A. Leo Lemay; 7 p.m.
8 How the French Invented Style—Joan DeJean; 5:30 p.m.
9 Unchosen—Hella Winston; 3 p.m.
10 Makes You Stop and Think—Dan Hoffman; 3 p.m.
14 One Song, A New Illuminated Rumi—Michael Green; 7 p.m.
15 In Other Words: Artists Talk About Art and Life—Anthony DeCurtis; 3 p.m.

16 The Economy of Prestige: Prizes, Awards and Circulation of Cultural Value—James English; 5 p.m.
21 Star Pupil: A Dot's Quest to Find His Place in the World—Carol Beitchman; 7 p.m.
28 The Era of Choice: The Ability to Choose and Its Transformation of Contemporary Life—Ed Rosenthal; 4 p.m.
29 Graphic Discovery: A Trout in the Milk and Other Visual Adventures & Playfair's Commercial and Political Atlas and Statistical Breviary—Howard Wainer; 3 p.m.
30 The Perfect Manhattan—Leanne Shear; time TBA.

SPECIAL EVENTS

4 Homecoming 2005; for full listing of events see www.alumni.upenn.edu/homecoming2005/.
24 Thanksgiving Dinner; for members of the Penn community who are staying on campus for the holiday; 1:30 p.m.; rsvp: (215) 746-6350 (Christian Association).

SPORTS

Info./tickets: www.pennathletics.com.
2 (M) Soccer vs. American; 7 p.m.
4 (W) Field Hockey vs. Princeton; 7 p.m.
5 (M) Soccer vs. Princeton; 7:30 p.m. (W) Soccer vs. Princeton; 5 p.m. (W) Rowing: Alumni Class Day Scrimmage; time TBA.
 Homecoming: Football vs. Princeton; noon.
 (M) Soccer vs. Princeton; 7:30 p.m.
6 (W) Basketball: exhibition; 5 p.m.
8 Volleyball vs. Temple; 7 p.m.
11 Volleyball vs. Cornell; 7 p.m.
12 (W) Swimming vs. Rider; noon. (M) Swimming vs. Lehigh; noon. Volleyball vs. Columbia; 4 p.m.
16 Volleyball vs. Princeton; 7 p.m.
18 (W) Basketball vs. Lehigh; 7 p.m.
19 Football vs. Cornell; noon.
20 Wrestling: Keystone Classic; all day. (W) Lacrosse: Tournament; 9 a.m.
21 (M) Basketball vs. Siena; 7 p.m.
22 (M) Swimming vs. La Salle; 5 p.m. (W) Swimming vs. La Salle; 5 p.m. (W) Basketball vs. Temple; 7 p.m.
26 (M) Basketball vs. Drexel; 2 p.m.
29 (M) Basketball vs. Colorado; 8:30 p.m.

Happy Thanksgiving



Almanac

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Unless otherwise noted all events are open to the general public as well as to members of the University. For building locations, call (215) 898-5000 between 9 a.m. and 5 p.m. or see www.facilities.upenn.edu. Listing of a phone number normally means tickets, reservations or registration required.

This November calendar is a pull-out for posting. Almanac carries an Update with additions, changes and cancellations if received by Monday noon prior to the week of publication. Members of the University may send notices for the Update or December AT PENN calendar.

TALKS

1 *Interdisciplinary Approach to the Virtual Humans Research*; Nadia Magnanat-Thalmann, University of Geneva; 3 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

Neo-Conceptualism: The Post Modern Right; Dave Hickey, art critic; 5 p.m.; rm. B1, Meyerson Hall (ICA).

2 *Development of a CCR5 Antagonist as an HIV Therapeutic Drug*; Celia LaBranche, GlaxoSmithKline; noon; Austrian Auditorium, CRB (Microbiology).

The Korean Alphabet: An Invention Where Science and Humanities Met; Yung-Key Kim-Renaud, George Washington University; noon; rm. B26, Stittler Hall (Center for East Asian Studies).

Regenerating Spermatogonial Stem Cells in the Drosophila Testis; Erika Matunis, Johns Hopkins University; noon; rm. 252, BRB II/III (CRRWH).

The Future of the Great Plains; Frank Popper, Rutgers University; Deborah Popper, College of Staten Island, City University; noon; Carolyn Hoff Lynch Auditorium, Chemistry Bldg. (Institute for Environmental Studies).

Tumor Associated Replication Stress and the Response to Anticancer Therapy; Robert Abraham, Burnham Institute; 4 p.m.; Grossman Auditorium, Wistar Institute (Wistar).

Substrate Specificity and Function in the Coagulation Proteases; Sriram Krishnaswamy, CHOP; 4 p.m.; Austrian Auditorium, CRB (Biochemistry and Biophysics).

The Deflective Power of Images in Political Ads; Kathleen Hall Jamieson, communication; 5 p.m.; rm. 17, Logan Hall; register: www.humanities.sas.upenn.edu (Penn Humanities Forum).

Judith R. Berkowitz Endowed Lecture in Women's Studies; Vandana Shiva, physicist and ecofeminist; 5 p.m.; Bodek Lounge, Houston Hall (Women's Studies).

3 *A Practical Guide to Saving Money*; Afi Roberson Heywood, AARC; noon; Conference Room, AARC (AARC).

Peripheral Vision; Marion Weiss, Penn Design; 6:30 p.m.; rm. B-1, Meyer-son Hall (Architecture).

Peer-to-Peer Data Sharing for Integration and Collaboration; Zack Ives, CIS, 3 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

The Microbe Electric: Microbial Nanowires, Fuel Cells, and Electron Transfer onto Minerals with Geobacter; Derek Lovely, University of Massachusetts; 4 p.m.; rm. 109, Leidy Lab (Biology).

4 *Computational Skin Texture: Surface Detail in Object Models*; Kristin Dana, Rutgers University; 11 a.m.; rm. 307, Levine Hall (GRASP).

Genetic and Functional Analysis of VirA Periplasmic Domain Mutants; Gauri Nair, Binns Lab; noon; rm. 209, Johnson Pavilion (Microbiology).

Manga from the Floating World: Comic Book Culture and the Kiby-shi of Edo, Japan; Adam Kern, Harvard University; noon; rm. 203, GSE (Center for East Asian Studies).

Thinking with Things; Esther Pasztor, Columbia University; 3:30 p.m.; rm. 201, Jaffe Bldg. (History of Art).

Using Soil Moisture Observations to Study Climate Variation, to Evaluate

TALKS

Climate Models and as Ground Truth for Remote Sensing; Alan Robok, Rutgers University; 4 p.m.; rm. 358, Hayden Hall (Earth and Environmental Sciences).

7 *The Accretion and Uplift of Oceanic Rocks in Southwest Oregon*; Stephen Paul Phipps, earth and environmental sciences; noon; rm. 358, Hayden Hall (Earth and Environmental Sciences).

Fox Speakers Forum; James Wilson, Pepperdine University; 5 p.m.; Ben Franklin Room, Houston Hall; rsvp: www.foxleadership.org/docs/events_register.php (Fox Leadership).

Laboratory Protein Evolution by Structure-Guided Recombination; Frances Arnold, California Institute of Technology; 3:15 p.m.; Wu & Chen Auditorium, Levine Hall (Chemical & Biomolecular Engineering).

Classical Archaeology in the Caucasus: The Vortan Project, Southern Armenia; Susan Alcock, University of Michigan; 7:30 p.m.; Rainey Auditorium, Penn Museum (Museum).

8 *The New Documentary: From White Elephants to Termites Art*; Alex Gibney, filmmaker; 6 p.m.; rm. 200, College Hall (ICA).

9 *Parasite Proteases: Lessons in Evolution, Biochemistry and Drug Design*; James McKerrow, University of California-San Francisco; 9 a.m.; Austrian Auditorium, CRB (Microbiology).

Sperm Hyperactivation; Susan Suarez, Cornell University; noon; rm. 252, BRB II/III (CRRWH).

Ten Years to Sustainability: The Other Gulf Problem; William Godfrey, Environic Foundation International; noon; Carolyn Hoff Lynch Auditorium, Chemistry Bldg. (Institute for Environmental Studies).

American Prison Healthcare In Crisis: Why It Matters, What Should Be Done and Why Ethicists Need to Take a Stand; Sheldon Zink; Center for Bioethics; noon; ste. 320, 3401 Market St. (Center for Bioethics).

Rheo-X-Ray Methods for Studying Complex Polymer Fluids under Flow; Wesley Burghardt; Northwestern University; 3:15 p.m.; Wu & Chen Auditorium, Levine Hall (Chemical & Biomolecular Engineering).

The Chemical Biology of Cell Adhesion; Milan Mrksich, University of Chicago; 4 p.m.; Austrian Auditorium, CRB (Biochemistry and Biophysics).

The Tumor and Hypoxia Biomarker Carbonic Anhydrase IX (CAIX): Characterization and Clinical Application; Eric Stanbridge, University of California-Irvine; 4 p.m.; Grossman Auditorium, Wistar Institute (Wistar).

The Scottish Law of Slavery; John Cairns, University of Edinburgh; 4:30 p.m.; rm. 209, College Hall (History).

Video Art at ICA; Jenelle Porter, ICA; 6:30 p.m.; ICA (ICA).

10 *Mapping Statistical Patterns in Medical Images via Diffeomorphisms*; Brian Avants, bioengineering & radiology; 3 p.m.; rm. 307, Levine Hall (CIS).

Exegesis and Ritual—On Renovation in the History of Buddhist Writing in Early Heian Society; Ryuichi Abe, Harvard University; 3:30 p.m.; rm. 119-20, NEB (Center for East Asian Studies).

TALKS

Social Regulation of Brain Structure and Function; Russell Fernald, Stanford University; 4 p.m.; rm. 109, Leidy Lab (Biology).

11 *Towards Visual Serendipity*; Pietro Perona, California Institute of Technology; 11 a.m.; rm. 307, Levine Hall (GRASP).

Asymmetry and Cell Fate During Development in the Bacterium; Jonathon Dworkin, Columbia University; noon; rm. 209, Johnson Pavilion (Microbiology).

Mechanisms of Transitional Regulation; Robert Tjian, University of California-Berkeley; 2 p.m.; Grossman Auditorium, Wistar Institute (Wistar).

Neither-Nor: Sots Art and the Use of Photography in Soviet Underground Art, 1970-1985; Lilianna Milkova, history of art; 3:30 p.m.; rm. 201, Jaffe Bldg.; followed by *Colonial Modernism: The Architecture and Urbanism of Spanish Morocco*; Erika Tapp, history of art (History of Art).

Stream Ecosystem Responses to Spatially Variable Land Cover: Linking Theoretical and Empirical Approaches to Guide Riparian Restoration Strategies; David Hart, Academy of Natural Sciences; 4 p.m.; rm. 358, Hayden Hall (Earth and Environmental Sciences).

14 *Taxonomic Significance of the Hadrosaurid Postcranial Skeleton Understood Using Morphometric Techniques*; Merrilee Guenther, earth and environmental sciences; noon; rm. 358, Hayden Hall (Earth and Environmental Sciences).

Regulation of Microtubules by Rho GTPases in Migrating Cell; Gregg Gunderson, Columbia University; 2 p.m.; Class of 1962 Auditorium, John Morgan Bldg. (PMI).

Transgenic Studies of Chronic Wasting Disease and Other Prion Disorders; Glen Telling, University of Kentucky; 4 p.m.; rm. 321, Rosenthal (Vet School).

The Moral Consequences of Economic Growth; Benjamin Friedman, Harvard University; 4:30 p.m.; Auditorium, Lauder Institute (Global Interdependence Center).

15 *Nanotechnology*; Dawn Bonnell, materials science & engineering; 1 p.m.; University Club at Penn (Nano/Bio Interface Center).

Sundials in the Shade: Research on Women in an Undergraduate Computer Science Program; Rita Powell, CIS; 3 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

16 *Herpes Simplex Virus Evasion of Innate Immunity*; David Lieb, Washington University; noon; Austrian Auditorium, CRB (Microbiology).

Maternal Control of Vertebrate Development: Mutant Studies from the Zebra Fish; Mary Mullins, cell and developmental biology; noon; rm. 252, BRB II/III (CRRWH).

Multiscale Systems Approach to Electrochemical Processes; Richard Braatz, University of Illinois at Urbana-Champaign; 3:15 p.m.; Wu & Chen Auditorium, Levine Hall (Chemical & Biomolecular Engineering).

Immunopathogenesis of HIV Infection; H. Clifford Lance, NIH; 4 p.m.; Grossman Auditorium, Wistar Institute (Wistar).

TALKS

Mechanism of Non-homologous End-joining in Bacteria; Stewart Shuman, Sloan-Kettering Institute; 4 p.m.; Austrian Auditorium, CRB (Biochemistry and Biophysics).

Public Art; Jenny Holzer, artist; 5 p.m.; ICA; register: www.humanities.sas.upenn.edu (Penn Humanities Forum).

Tutankhamun: Exhibiting the Legend; David Silverman, Egyptology; 6 p.m.; Penn Museum (Museum).

Video Talks: Open Video Call; Elyse Gonzales, ICA; 6:30 p.m. (ICA).

Growing Up Under Apartheid; Richard Stengel, National Constitution Center; 7 p.m.; International House (I-House).

17 *Omega 3 Fatty Acids and Violence*; Joseph Hibbeln, NIH; 9:30 a.m.; Terrace Room, Logan Hall (FICAP).

Performance Management; Sharon Moorer Harris, staff and labor relations; noon; ste. 331, Center for African Studies (AARC).

Conquering the Tower of Babel in Bioinformatics; Susan Davidson, CIS; 3 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

Heritable Chromatin Structures Established Through Trans-Interactions Between Tandem Repeats; Vicki Chandler, University of Arizona; 4 p.m.; rm. 109, Leidy Lab (Biology).

Producing Sovereign Spaces in the Emerging Cold War World Order: Immediate Postliberation "South" and "North" Korean Literature; Theodore Hughes, Columbia University; 4:30 p.m.; rm. 285, McNeil Bldg. (Center for East Asian Studies).

The Uses of Latin in the Italian Renaissance from Petrarch to Poliziano; Christopher Celenza, Johns Hopkins University; 4:30 p.m.; rm. 209, College Hall (History).

The Honorable A. Leon Higginbotham, Jr. Memorial Lecture; Kweisi Mfume, former NAACP President; 6 p.m.; Logan Hall (Center for African Studies).

18 *Sampling-Based Motion Planners: Recent Developments and Future Challenges*; Lydia Kavradi, Rice University; 11 a.m.; rm. 307, Levine Hall (GRASP).

Title TBA; Anthony LoSasso, University of Illinois at Chicago; noon; 1st Floor Auditorium, Colonial Penn Center; (LDI).

The 'Re-Emergence' of Pertussis: The Case for New Vaccines; Andrew Preston, Guelph University; noon; rm. 209, Johnson Pavilion (Microbiology).

Sex, Lies and Video Games: The Truth about Females and Computing; Dean Marie Klawe, Princeton University; 3:30 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

Graeco-Persian Sarcophagi in the Troad During the Late Archaic and Classical Periods; Brian Rose, history of art; 3:30 p.m.; rm. 201, Jaffe Bldg. (History of Art).

The Phanerozoic Record of Global Sea-level Change; Kenneth Miller, State University of New Jersey; 4 p.m.; rm. 358, Hayden Hall (Earth and Environmental Sciences).

An Evening of Mediterranean Digs and Delights; William Dever, University of Arizona; 7:30 p.m.; Penn Museum; \$75, rsvp by November 11: [www.bu.edu/ asoriphillyevents](http://www.bu.edu/asoriphillyevents) (Museum).

TALKS

21 *Characterization of the Ultramafic Soils of Bosque Susua, Puerto Rico*; Jamie Horvath, earth and environmental sciences; noon; rm. 358, Hayden Hall (Earth and Environmental Sciences).

Zoonotic Influenza and Public Health: Why the Concern; Gregory Gray, University of Iowa; 4 p.m.; rm. 321, Rosenthal (Vet School).

Both Project and Refuge: Views of Landscape Preservation; Robert Melnick, University of Oregon; 6 p.m.; rm. B-3, Meyerson Hall (Historic Preservation).

22 *Tasan Chong Yangyong: Was He a Confucian, a Christian, or Something in Between?*; Don Baker, University of British Columbia; 10:30 a.m.; rm. 209, College Hall (Center for East Asian Studies).

Self-Organizing Wireless Sensor Networks in Action; John Stankovic, University of Virginia; 11 a.m.; rm. 337, Towne Bldg. (Electrical and Systems Engineering).

Open Source Software; Hanna Wallach; University of Cambridge; 3 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

Myosin VI: Structural and Kinetic Adaptation that Allow Reversal of Directionality; H. Lee Sweeney, physiology; 4 p.m.; Austrian Auditorium, CRB (Biochemistry and Molecular Biophysics).

Sumerian Craftsmen: Masters of Early Bronze Age Metallurgy; J.D. Muhly, American School of Classical Studies; 6 p.m.; Rainey Auditorium, Penn Museum (Museum).

29 *Model Checking Many Things*; E. Allen Emerson, University of Texas at Austin; 3 p.m.; Wu & Chen Auditorium, Levine Hall (CIS).

Consumer-Directed Healthcare: Where Will This Road Take Us?; Mark McClellan, Centers for Medicare and Medicaid Services; 6 p.m.; Auditorium, BRB II/III; (LDI).

30 *The Pathophysiology of Mycobacterial Infections: What We Know and What We Don't*; Steve Holland, National Institute of Allergy and Infectious Diseases; noon; Austrian Auditorium, CRB (Microbiology).

Water Quality Trading in the Lower Boise; Claire Schary, EPA; noon; Carolyn Hoff Lynch Auditorium, Chemistry Bldg. (Institute for Environmental Studies).

Enzyme Inhibitors with Defined Shape: Organometallic Compounds as Highly Potent Protein Kinase Inhibitors; Eric Meggers, Chemistry; 3:15 p.m.; Wu & Chen Auditorium, Levine Hall (Chemical & Biomolecular Engineering).

Differential Host Immune Responses Underlie M. Tuberculosis Virulence and Severity of Disease; Gilla Kaplan, International Center for Public Health; 4 p.m.; Grossman Auditorium, Wistar Institute (Wistar).

Defining the In Vivo Functions for the Enterocyte Class I Myosin, Myosin-1a; Mark Mosseker, Yale University; 4 p.m.; Austrian Auditorium, CRB (Biochemistry and Biophysics).

Faculty Talk About Research; Heather Love, English; 5 p.m.; Fireside Lounge, ARCH Bldg. (CURF).

Search for Simplicity in an Over-Teched World; John Maeda, Massachusetts Institute of Technology; 5 p.m.; rm. 200, College Hall; register: www.humanities.sas.upenn.edu (Penn Humanities Forum).

FITNESS/LEARNING

Jazzercise; 5:30-6:30 p.m.; Tuesdays & Thursdays; Newman Center; first class free; \$7/class, \$5/students; contact Carolyn Hamilton: (215) 662-3293 (days) or (610) 446-1983 (evenings).

Class of 1923 Arena; 3130 Walnut St.; admission: weekday \$5.50, weekend \$6.50, \$1 off w/PennCard; skate rental \$2.50; public skating hrs.: Mon.-Thurs., 1-3 p.m.; Fri.-Sat., 7:30-9:30 p.m.; Sun. 12:30 p.m.; group rates and skating lessons offered; info: www.upenn.edu/icerink.

12 *Rape Aggression Defense Program (RAD)*; 12-hour sessions give hands-on physical defense training for women; 9 a.m.-3 p.m.; 4040 Chestnut St.; continues November 19; free/students, faculty, staff; registration: (215) 898-3590; for Fall 2005 schedule see www.publicsafety.upenn.edu/RADFall2005.htm (UPPD).

29 *Information Session on the White House Fellows Program*; 3:30-5 p.m.; rm. 250, Huntsman Hall (Wharton).

30 *Retirement and Investment Strategies*; Hilary Lopez, HR; noon; Conference Room, AARC (AARC). See Retirement Education.

Christian Association
Info.: <http://dolphins.upenn.edu/~upenncca>.

1 *Bible Study: Difficult Texts in the Bible*; noon. Also November 8, 15, 22 & 29.

SLANGUage; 3 p.m. Also November 8, 15, 22 & 29.

3 *Sister Circle*; oasis for the soul of women of faith; noon. Also November 10 & 20.

Talking Back; discussions of biblical texts on social justice and compassion; 6 p.m.

9 *Queer Christian Fellowship*; LGBT people in the Church. Also November 23.

10 *Ethical Ambitions*; conversations on social transformation and global responsibility; 6 p.m.

14 *Eve's Daughters*; spiritual circle for thinking undergraduate women; 7 p.m. Also November 28.

17 *4 Corners: An Intercultural Mixer*; 6 p.m.

College of General Studies
Adult non-credit courses. Register: www.pennclasses.org.

1 *Writing to Persuade*; 6:30-9 p.m.; \$500. Continues November 8, 15 and 22.

2 *Video Art Lecture Series*; 6:30-8:30 p.m.; \$125. Continues November 9 & 16.

Art of Appraisal Lecture Series; 6:30-8:30 p.m.; \$50. Also October 9.

4 *Marketing Communications for Fundraisers*; 9 a.m.-3 p.m.; \$200.

5 *Power Speaking*; 9:30 a.m.-4:30 p.m.; \$240.

7 *Speak for Success*; 9 a.m.-1 p.m. *In the Chef's Kitchen With Fritz Blank*; 9:30 a.m.-12:30 p.m.; \$195. Continues November 21 and December 5.

Supervisory Skills; 9 a.m.-5 p.m.; \$600. Continues November 14.

8 *Eight Great Short Stories*; 6:30-8:30 p.m.; \$125. Continues November 15 and 22.

12 *Fantasy Afternoon: Being Bacchus*; 12:30-5:30 p.m.; \$125.

15 *Fundraising Concluding Seminar*; 6:30-9 p.m.; \$400. Continues January 24.

18 *Communication in a Changing Environment*; 9:30 a.m.-3:30 p.m.; \$500. Continues November 19.

19 *Planning and Producing Special Events for Fundraising*; 9:30 a.m.-3:30 p.m.; \$200.

Learning and Education/HR
Open to faculty and staff. Register: www.hr.upenn.edu/training_coursecatalog/.

4 *Speak for Success*; 9 a.m.-1 p.m.; \$60.

10 *Unlocking the Secrets of the Penn Library*; noon-1:30 p.m.

11 *Career Focus Brown Bag—Navigating the Penn Jobs Website*; noon-1 p.m.

15 *Career Focus Brown Bag—Resumes*; noon-1 p.m.

16 *Brown Bag Matinee—If Looks Could Kill*; noon-1 p.m.

17 *Career Focus Brown Bag—Interviewing for Your Next Job*; noon-1 p.m.

29 *Communicating with Difficult People*; 9 a.m.-5 p.m. Continues November 30.

Color Pencil; 10 a.m.-3 p.m. \$240, \$215/ members. Continues November 13, 19 & 20.

16 *Evaluating Trees for Hazards*; 9 a.m.-4 p.m.; \$85

17 *Hellebores: Great Perennials for Your Garden*; 7-8:30 p.m.; \$24, \$22/ members.

21 *Thanksgiving Harvest Centerpiece*; 6:45 p.m.-8:45 p.m.; \$42, \$38/members.

Office Of Community Housing
Each workshop at noon and 1 p.m. Register: laedoanl@pobox.upenn.edu.

2 *Community Housing 101*; 4046 Walnut St. Also November 11.

3 *Money Management/Money Sense*; Suite 440A, 3401 Walnut St.

9 *Credit Counseling & Repair*; 4046 Walnut St.

10 *Buy & Rehab Investment Properties*; Suite 440A, 3401 Walnut St.

16 *Home Maintenance*; 4046 Walnut St.

Penn Library
Beyond Google: Science & Engineering Libraries Workshops. Info./registration: www.library.upenn.edu/news/199.

4 *Bellstein for Beginners*; 3-4:30 p.m.

8 *Getting Started with PowerPoint*; 3-5 p.m.

9 *SciFinder Basics: Chemical Abstracts Online*; 3-4:30 p.m.

16 *Further PowerPoint*; 3-5 p.m.

22 *Introduction to Excel*; 3-5 p.m.

30 *PubMed/MEDLINE: National Library of Medicine Article Database*; 3-4:30 p.m.

PennFit: Department of Recreation
Free to Penn students, faculty & staff. Events take place at Pottruck Center. Info./register: jmhumt@pobox.upenn.edu.

2 *Benefits of Massage Therapy*; noon-1 p.m.

4 *Body Composition Measurements*; noon-1 p.m.

8 *Stretching 101*; noon-1 p.m.

15 *Staying Healthy Over the Holidays (Part I)*; noon-1 p.m.

17 *Staying Healthy Over the Holidays (Part II)*; noon-1 p.m.

Quality of Worklife/HR
Open to faculty and staff. Register: www.hr.upenn.edu/training_coursecatalog/.

1 *Gaining Control of the Elder Care Systems*; 11:30 a.m.-1 p.m.

10 *Reducing Cancer Risks—Cancer Screenings: Knowing When to Take Action*; noon-1 p.m.

17 *Effective Listening & Communication Skills*; 11:30 a.m.-1 p.m.

Retirement Education
Classes in rm. G-7, Irvine Auditorium. Info: www.hr.upenn.edu/benefits/retirement/seminars.asp.

1 *Vanguard—Penn's Tax-Deferred Retirement Plan Overview*; 10:30-11:30 a.m.

Vanguard—How to Invest: Diversify Your Plan; noon-1 p.m.

Vanguard—Your Goal: Getting Ready to Retire; 1:30-2:30 p.m.

2 *TIAA-CREF—Penn's Tax-Deferred Retirement Plan Overview*; 10:30-11:30 a.m.

TIAA-CREF—Understanding Life Insurance; noon-1 p.m.

TIAA-CREF—Your Retirement Income Options; 1:30-2:30 p.m.

Technology Training Services
Classes at ISC labs, 3650 Chestnut St., 9 a.m.-4:30 p.m. Open to faculty, staff & students. Register at www.its.isc.upenn.edu.

3 *Word Introduction*; \$190.

8 *Business Objects Introduction*; \$380.

9 *Excel Introduction*; \$190.

10 *HTML Advanced Tutoring*; \$247.

11 *FilemakerPro Intermediate*; \$260.

14 *Excel Pivot Tables & Templates*; \$95.

Word Styles and Templates; 10:30-noon; \$95.

Excel XP Functions; 1-2:30 p.m.; \$95.

PowerPoint XP Diagrams, Org Charts, and Tables; 3-4:30 p.m.; \$95.

15 *Dreamweaver MX 2004: Designing and Developing Websites*; \$855. Through November 17.

18 *PowerPoint Introduction*; \$190.

21 *Adobe Acrobat 6.0 Advanced*; \$190.

22 *Excel Intermediate*; \$190.

29 *Access introduction*; \$357.



At left, a photograph of Phenyl threonine magnified 20x taken by Margaret N. Oechsli, is one of the winners of the Nikon Small World competition. Winning images will be displayed at the Wistar Institute beginning November 11.

November

AT PENN