

"How to Love a Tree", at the Morris Arboretum, teaches kids that no tree is too big to love not even this majestic sugar-maple. (See Children's Activities).

#### ACADEMIC CALENDAR

**15** Drop period ends.

Fall Term Break. Through October 18. Family Weekend. Through October 24.

#### CHILDREN'S ACTIVITIES

Anthropologists in the Making: Digging Up the Past; ages 8-12 learn techniques for exploring and examining archaeological artifacts; 10 a.m.-noon; \$5/ materials fee; pre-registration required: (215) 898-4015; University Museum (Museum).

#### **Morris Arboretum**

Free with admission unless otherwise noted. Info: (215) 247-5777.

- How to Love a Tree; activity sheet available at the entrance; vote for your favorite tree and get a free booklet A Children's Fun Guide for Visiting Public Gardens. Through December 31. 🖝
- 3 Fall Family Festival; entertainment by *Give & Take Jugglers*; origami, pumpkin painting and scavenger hunt; bring your old clothes and make a family scarecrow; 1-4 p.m.
- **31** Halloween Parade & Storytelling; costume parade followed by scary storytelling and refreshments; costumes are encouraged but not mandatory; par-ents & grandparents welcome; 1-3 p.m.

#### **CONFERENCE**

The fifth annual Wharton Asian Filennium; 9 a.m-6 p.m; The Penn Tower Hotel; info: www.wafc.net (Wharton).

#### **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, Faculty Club, Inn at Penn: Mon.-Fri, 9:30 a.m.-7:30 p.m. Esther Klein Gallery, 3600 Market: free, Mon.-Fri., 9 a.m.-5 p.m.

Eugene Ormandy Exhibition Gallery, Van Pelt-Dietrich Library Center: Mon.-Fri., 9 a.m.-5 p.m.

Fox Gallery, Logan Hall: free, Mon.-

Fri., 9 a.m.-5 p.m.

Institute of Contemporary Art: \$3, \$2/students, artists, seniors, free/members, children under 12, with PENNCard, and on Sundays 11 a.m.-1 p.m.; Wed.-Fri.,

noon-8 p.m.; Sat. & Sun., 11 a.m.-5 p.m. Morris Arboretum: \$6, \$5/seniors, \$4/students, free with PENNCard, children under 6; Mon.-Fri., 10 a.m.-4 p.m.; Sat. & Sun., 10 a.m.-5 p.m. *University Museum:* \$5, \$2.50/se-

niors and students w/ID, free/members, with PENNCard, children under 6; Tues.-Sat., 10 a.m.-4:30 p.m.

#### Upcoming

**10** Pomo Indian Basket Weavers: Their Baskets and the Art Market; 120 examples of turn-of-the-century Native American basketry created by more than 40 weavers; text, video and large-scale photographs; opening reception: 1-5 p.m.; Dietrich Gallery, University Museum. Through October 1, 2000 (Museum). See Special Events. 🖝

**22** An American Apocalypse: Documents of the End from the Millennium Watch Archive; Rosenwald Gallery, 6th floor, Van Pelt-Dietrich Library Center. Through December 31.

Drawings of Artist/Architect Alfred Bendiner (1899-1964); delightful car-toon-like drawings and detailed render-ings of architectural gems, on loan from the collection of Nancy Bendiner Weiss, the artist's niece; Burrison Gallery at the new Faculty Club in the Inn at Penn. Through October 29. 🗟

Talismanic: Black & White Photography by Andrea Baldeck; images from her book Talismanic, of objects from two worlds, the natural and the man-made; Esther M. Klein Art Gallery, Science Center. *Through October 30*.

Confronting Cancer Through Art; second juried exhibition of works by artists whose lives have been touched by cancer or the illness of loved ones; in co-operation with the Cancer Center; Arthur Ross Gallery. *Through October 31*.

Garden Railway; designed by landscape-architect Paul Busse; large-gauge model trains wind their way through intri-cate scale models of notable Philadelphia buildings built from natural materials; Morris Arboretum. Through October 31.

Jim Isermann: Fifteen; Los Angeles artist Jim Isermann, whose vibrant geometry is inspired by modern design, is the subject of this 15-year survey; Institute of Contemporary Art. Through November 7

Terry Adkins: Relay Hymn; Terry Adkins creates sculpture from discarded objects; Institute of Contemporary Art. Through November 7.

Eugene Ormandy: A Centennial Celebration; Kamin Gallery, 1st floor, Van Pelt-Dietrich Library Center. Through December 31.

Odunde African American Festival: Twenty Years on South Street; 30 black & white photographs by Thomas B. Morton; 1st floor, Sharpe Gallery, University Mu-seum. *Through January 2, 2000* (Museum; Philadelphia Folklore Project).

#### Ongoing

Ancient Greek World; Canaan and Ancient Israel; Living in Balance: Universe of the Hopi, Zuni, Navajo and Apache; Ancient Mesopotamia: Royal Tombs of Ur; The Egyptian Mummy: Secrets and Science; Raven's Journey: World of Alaska's Native People; Buddhism: History and Diversity of a Great Tradition; University Museum.

Healing Plants: Medicine Across Time and Cultures; Works by Harry Gordon; Morris Arboretum.

#### **University Museum Tours**

Meet at the main entrance; 1:30 p.m. Free with Museum admission donation. Info: www.upenn.edu/museum/.

Classical Greek World

Mesoamerica

The American Southwest

16 Ancient Egypt

17 Highlights of the Collection Canaan & Ancient Israel

Alaska's Native People

30 Ancient Egypt

Mummies of Ancient Egypt

# October

## AT PENN



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

#### **FILMS**

**14** Graduate Student Film Seminar Series; short films: Nanook of the North (1922; R. Flaherty); Karba's First Years: A Study of Balinese Childhood; Childhood Rivalry in Bali and New Guinea; Bathing Babies in Three Cultures; and Trance and Dance in Bali (1952; G. Bateson & M. Mead); 4-6 p.m.; Class of '55 Conference Room (rm. 241), Van Pelt-Dietrich Library (Center for Folklore & Ethnography).

#### **Latino Heritage Month**

PBS video series examining the Mexican-American experience; noon (G.I.C.; ResNet).

Chicano! Episode 1: Quest for Homeland

Chicano! Episode 2: Struggle in the Fields Chicano! Episode 3:Taking Back

the Schools Chicano! Episode 4: Fighting for

Political Power **8** Chicano! (Four Part Series); begins at noon and runs in a repeated rotation through October 10.

**15** Brincando El Charco; begins at noon and runs repeatedly through Octo-

#### **NextFrame Film Festival**

UFVA's touring festival of international student film and video; \$5.50; International House. Info: (215) 923-3532, ext. 4 or www.temple.edu/nextframe/ (Neighborhood Film/Video Project).

Focus on Documentary; total 2 Focus on Documentary; total running time: 120 min.: Zapatista! (R. Rowley & B. Eichert; USA); Poetic License (S. Schorno; USA); Jump (C. Bursell; USA); Something from There (D. Messica; Israel); and Reinvention (S. Shepard; USA); 7 p.m.

Narrative (Part 1); total running time: 93.5 min.: Slide Rule (W. Kruse; USA); Black Out (S. Davies; Australia); A Korean I Met in Japan (H. Byenggug; Japan); and Kleingeld (M.A. Bochert; Germany); 9 p.m.

Bochert; Germany); 9 p.m.

3 Animation & Experimental Pro-3 Animation & Experimental Program; total running time: 120.5 min.: Nightlife (A. Beier; Scotland); Atlas Gets a Drink (M. Overbeck; USA); Rain (R. Xu; USA); Idölle (A. Perl & P. Schroder; Germany); Head Quarters (J. Donati; USA); The Little Princess' Birthday Party (J. Lefevre; Scotland); Swimming (N. Allah Hayati; Iran); Street (D. Zarringam; Iran); Polaridades Bis (P. Giannetti; Argentina); Back Yard (X. Xinzhi; China): Anonymous (E. (X. Xinzhi; China); Anonymous (E. Endress; USA); Barren Boughs (A. Iyer; USA); and My Turn (S. Weisshaar; USA); 5 p.m.

Narrative (Part 2); total running time: 98 min.: John (M. Banack; USA); Babcha (M. Zilbershtein; Israel); The Tree (J. Lemelman & A. Sutton; USA); Episodio (J. Rosales; Cuba); and Nightscapes (A. Iwakawa; USA); 7 p.m.

### **MEETINGS**

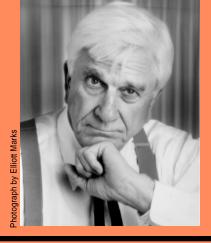
**13** *University Council*, 4-6 p.m.; McClelland Hall, Quad; PENNCard required. Observers must register in advance, (215) 898-7005.

**20** *PPSA*; time *TBA*; Terrace Room, Logan Hall. Info: www.upenn.edu/ppsa/. 22 Trustees Stated Fall Full Board; 2-3 p.m.; Inn at Penn. Info: (215) 898-0412.

#### Welcome Back, Irvine!

The new and improved Irvine Auditorium has wasted no time in housing notable events at Penn since the September 4 opening of its main hall. This month, Irvine resumes its

tradition of providing world-famous music and theater performances to the University community with flutist James Galway on the 16th and actor Leslie Nielsen on the 24th. (See below, right).



#### **MUSIC**

Harpsichord Performance; John Andrew Bailey, music history Ph.D. candidate; 3 p.m.; 1st floor, Penn Bookstore (Bookstore).

**8** Muzsikas & Marta Sebastyen; Hungarian folk music with vocals by Marta Sebastyen, who sang on the soundtrack to *The English Patient*; 8 p.m.; \$20; International House. Info: (215) 895-6546 (International Music

9 Hans-Joachim Roedelius & Tim Story; Roedelius, German electronic musician; Story, pianist; 8 p.m.; St. Mary's Church; \$20; info: (610) 734-1009 (The Gathering).

14 Relay Hymn Performance; artist Terry Adkins and guest musicians play instruments from the exhibit; 6 p.m.; ICA (ICA). See Exhibits.

16 Flutist James Galway; accompanied by pianist Phillip Moll; 8 p.m.; tickets: \$30, \$45 & \$50; Irvine Auditorium. Info: (215) 898-3900 (Annenberg Center).

23 Mehr & Sher Ali; Pakistani masters of Qawwali music after the style of Nusrat Fateh Ali Khan, combining poetry philosophy and rhythmic singing; 8 p.m.; \$20; International House. Info: (215) 895-6546 (International Music

#### ON STAGE

Celebration of Traditional Japanese Arts; Taiko (drum), dance and Aikido demonstrations; 2-4 p.m.; \$25/students; \$35-\$40/non-students; Zellerbach Theatre, Annenberg Center. Info: (215) 483-3000 or www.yoshinkai.org (Aikido Association of North America).

**22** Comedy Sportz; improv; 8 p.m.; Zellerbach Theatre, Annenberg Center (Family Weekend; SPEC).

#### **Penn Presents** Box office: (215) 898-3900

**24** Leslie Nielson as "Clarence Darrow"; play by David W. Rintels in which Nielson portrays a country law-yer whose humor, kindness and love of justice finds him an unforgettable place in history; 7 p.m.; tickets: \$20, \$25, \$35; Irvine Auditorium.

26 NextMove Dance Series: The Best of the Fringe Festival; featuring most celebrated dance and physical theater from the 1999 Philadelphia Fringe Festival; 7:30 p.m.; \$25; Harold Prince Theatre, Annenberg Center. Through October 28.

#### **Penn Performing Arts**

Tickets: \$5 on Locust Walk. Info: (215) 898-2312 or dolphin.upenn.edu/~pac (Performing Arts Council).

**22** Bloomers; all-female musical comedy; 8 p.m.; Iron Gate Theatre. Also October 23.

**23** Family Performing Arts Night; 8 p.m.; Zellerbach Theatre, Annenberg Center.

28 Penn Dance; modern and jazz dance; 8 p.m.; Iron Gate Theatre. *Through October 30*.

Penny Loafers; co-ed a capella; 8 p.m.; Dunlop Auditorium, Stemmler Hall. *Also October 30*.

**30** *Penn Jazz;* 8 p.m.; Zellerbach Theatre, Annenberg Center.



Above: James Galway, regarded as a supreme interpreter of the classical flute, brings his lively sense of humor to Irvine's stage on October 16. Peter Moll (not pictured) accompanies him on piano. (See Music).

At left: Leslie Nielsen—a serious actor long before his fame as a comedic genius—demonstrates a multiplicity of talent to Penn audiences and returns to his dramatic roots on October 24 as "Clarence Darrow", a play by David W. Rintels. (See On Stage).

#### READINGS / SIGNINGS

Lecture, Discussion and Signing; Deborah Gray White, Rutgers, on Too Heavy a Load: Black Women in Defense of Themselves; 5 p.m.; info: (215) 898-4965; location TBA (Afro-American Studies).

7 Discussion and Signing; Scott Flander, *Daily News* reporter, on *Sons of the City*; 7 p.m.; Penn Bookstore; rescheduled from September 16.

**22** Discussion and Signing; Sandra Burt and Linda Perliss, on *Parents as Mentors*; 2:30 p.m.; Penn Bookstore.

#### SPECIAL EVENTS

Penn Family Day; picnic, entertainment, tours and football game for faculty/staff and their families; 11:30 a.m.-3:30p.m.; free; tickets required for picnic and football game. Info: www.hr. upenn.edu (Human Resources). See page 10 of this issue.

**10** Pomo Indian Basket Weavers, Their Baskets and the Art Market; Pomo Indians of Northern California, known for extraordinary basketry and a tradition of high craftsmanship; ongoing demonstrations by basket weaver Susan Billy; The Women's Singing Circle perform, 1:30 - 2:30 p.m.; talk by curator Sally McLendon, 2 p.m.; and gallery tours, 3 & 4 p.m.; University Museum. Through October 1, 2000 (Museum). See Exhibits.

21 "Express Yourself!," Go West for Third Thursdays; tour Pomo Indian Basket Weavers; participate in "open mike" for singers, poets and musicians; explore body art, tattooing, mendhi and piercing; 5-10 p.m.; 2nd floor, University Museum; half-price admission when you show a tattoo or piercing (Museum).

**22** Fall Crafts Fair; 10 a.m.-6 p.m.; on Locust Walk, between 36th & 37th Streets (Family Weekend; SPEC).

Welcoming Reception for Interna-tional Students and Scholars; hosted by International Classroom; 5-7 p.m.; Chinese Rotunda, University Museum; (215) 898-4066, www.upenn.edu/ museum/.

**30** Department of Mathematics Centennial Celebration; day-long celebration. Morning Session: 10 a.m.-12:30 p.m; panel discussion on Mathematics and Science at the Turn of the 21st Century—Their Promise, Problems and Interconnections. Afternoon Session: 3-5 p.m.; awards ceremony; Penn Glee Club performance; plenary address, *Gravity is Cool: Or,* Why Our Universe is Hospitable to Life by Freeman J. Dyson, prof. emeritus. 200 College Hall (Mathematics).

#### **SPORTS**

Info/tickets: (215) 898-4519 or www.upenn.edu/athletics

Football vs. Bucknell; 1:30 p.m. Field Hockey vs. Delaware; 7 p.m.

Sprint Football vs. Princeton; 7:30 Football vs. Fordham; 1:30 p.m.

Rowing; Navy Day Regatta Field Hockey vs. William & Mary;

11 W. Soccer vs. Stonybrook; 3:30

13 M. Soccer vs. Philadelphia Textile;

Volleyball vs. Dartmouth; 7 p.m. Field Hockey vs. Stanford; 7 p.m. M. Soccer vs. Old Dominion; 2:30

Volleyball vs. Harvard; 4 p.m.

Field Hockey vs. Bucknell (OH); 2p.m. Volleyball vs. Long Island Univer-

**20** W. Soccer vs. Loyola; 3:30 p.m. 22 M. Tennis, Penn Conference Clas-

sic; through October 24. Volleyball vs. Princeton; 7 p.m. Field Hockey vs. Brown; 10:30 a.m. W. Soccer vs. Brown; noon. Football vs. Brown; 1:30 p.m. M. Soccer vs. Brown; 2:30 p.m.

**24** W. Soccer vs. Navy; 1 p.m. Volleyball vs. Stoneybrook; 7 p.m.

29 Sprint Football vs. Cornell; 7:30 p.m. **30** Rowing; Head of the Schuylkill **Intramural and Club Sports** 

## Almanac

Info: visit www.upenn.edu/recreation/ or call (215) 898-6100.

Philadelphia, PA 19104-6106 (215) 898-5274 or 5275 FAX (215) 898-9137 E-Mail almanac@pobox.upenn.edu URL: www.upenn.edu/almanac

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. Listing of a phone number normally means tickets, reservations or registration required.

This October 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 November At Penn calendar.

Aristotle's Conception of the Soul; Michael Frede, University of Oxford; 3 p.m.; room 402, Logan Hall (Philosophy).

Phase Behavior of Plasticized Block Copolymers; Timothy P. Lodge, University of Minnesota; 3:30 p.m.; room 337, Towne Building (Chemical

The Hair Follicle as a Target for Gene Therapy; George Cotsarelis, der-matology; 4-5 p.m.; Austrian Auditorium, CRB (Institute for Human Gene

The Origins of Mother Knows Best: Placing 'the Maternal Physician' in Context; Kathleen Brown, history; 4 p.m.; room 337, Logan Hall (History &

Sociology of Science).

Visiting Artist Series; Deborah Muirhead, painter, University of Connecticut; 5 p.m.; White Room, Morgan Building (GFSA).

In the Wake of Beauty: Waterworks and Landscape Design at the Mehtab Bagh-Taj Mahal Complex in Agra, India; James L. Wescoat, Jr., University of Colorado; 6 p.m.; room B-1, Meyerson Hall (GSFA).

**5** Endothelial Autacoid Formation: Ca2+-dependent and - Independent Mechanisms; Rudi F. Busse, Klinikum der Johann-Wolfgang-Goethe-University; noon; 2nd floor conference room, Vagelos Research Labs (IME; Thrombo-

sis/Vascular Biology).

African Americans and the Thouron Scholarship; 6-7:30 p.m.; Multipurpose Room, Dubois College House (Study Abroad; G.I.C.; Dubois College

6 Microphthalmia: A Critical Helix-Loop-Helix Regulator of Melanocyte and Osteoclast Development; David Fisher, Dana Farber Cancer Institute; 4 p.m.; Grossman Auditorium, Wistar Institute (Cancer Training Program).

Introduction to Korean Music; Jin

Hi Kim, Korean music specialist and Komungo performer; 4:30 p.m.; Veranda, 3615 Locust Walk (Center for East Ásian Studies).

Arginase: Structure, Catalytic Mechanism, and Role in Erectile Func**TALKS** 

tion; David W. Christianson, chemistry; 4 p.m.; Physiology Conference Room, 4th floor, Richards Building (Physiology).

Using Site-directed Immunochemistry to Study the Mechanism of Ribo-nucleotide Reductase; Jack Kyte, Uni-versity of California-San Diego; 4-5:30 p.m.; Reunion Hall, John Morgan Building (Biochemistry & Molecular Bio-

Recent Work; Jack Travis, Jack Travis Architects, New York City; 6 p.m.; room B-3, Meyerson Hall (GFSA).

New Evidence on the Economics of Smoking Behavior; Jonathan Gruber, MIT; 12-1:30 p.m.; Auditorium, Colonial Penn Center (Leonard Davis Institute).

Model Malignant Melanoma in Mice: Pathogenesis and Maintenance; Lynda Chin, Dana-Farber Cancer Inst., Boston; 1 p.m.; Koprowski Seminar

Room, Wistar Institute (Wistar) A Feather in the Cap of Philadel-phia: the Formation of the Etruscan Collection at the University of Pennsylvania Museum; Ann Brownlee, history of art; 3 p.m.; Rich Seminar Room (201), Jaffe Building (History of Art).

**11** Protein and Homopolymer Adsorption and Interfacial Relaxation Kinetics: Similarities and Differences; Maria M. Santore, Lehigh University; 3:30 p.m.; room 337, Towne Building (Chemical Engineering).

Post-World War II Control of Research in the Defeated Germany and the Function of the American/British/ French 'Military Security Board'; Manfred Heinemann, University of Hanover; 4 p.m.; room 337, Logan Hall (History & Sociology of Science).

**12** Aquatic Species Housing Systems and Husbandry Seminar; Alyssa Gundersen, Pharmacal Research Laboratories; 1:30 p.m.; Auditorium BRBII/III (University Laboratory Animal Resources).

The Longest Distance Between

Two Points; Daniel Libeskind, Studio Libeskind; 6 p.m.; room B-1, Meyerson Hall (GFSA).

**13** Regulating Gene Expression by Modifying Chromatin and Chromosomes; Lorraine Pillus, University of California-San Diego; 4 p.m.; Grossman Auditorium, Wistar Institute (Cancer Training Program).

**TALKS** 

**14** Orientation to Animal Research Seminar: An IACUC Mandatory Training Session; 1:30-3:30 p.m.; BRBII/III Auditorium (University Laboratory Ani-

mal Resources).

Biophysical Studies of the Interaction of the Antimicrobial Peptide Gramicidin S with Lipid Model Membranes; Ronald N. McElhaney, University of Alberta; 4-5:30 p.m.; Reunion Lecture Hall, John Morgan Building (Biochemistry & Molecular Biophysics).

Diversity; Sanford Levison, University of Texas Law School; Owen J. Roberts Memorial Lecture; 5 p.m.; room 214, Law School (Law School).

Visiting Artist Series; Robert Reed, painter, Yale University; 5 p.m.; White room, Morgan Hall (GFSA).

Cleveland: A Rustbelt City Come-back Revisited; Dennis Keating, Cleve-land State University; 6 p.m.; room B-3, Meyerson Hall (GSFA).

**15** *Moral Rules and the Mean: What* Aristotle Learned from Plato's 'Statesman'; Susan Meyer, philosophy; 3 p.m.; room 402, Logan Hall (Philosophy).

Flooding the Black Sea: Noah and Early Agriculture?; Bill Ryan and Walter Pitman, Columbia University; 4-6 p.m.; Harrison Auditorium, University Museum; lecture free, reception follows (fee); general info: (215) 898-4000 (Institute for Environmental Studies).

**18** Intercellular Trafficking of Adenovirus Serotype 7: The Road Less Traveled; Philip Leopold, New York Hospital; 4-5 p.m.; Austrian Auditorium, CRB

(Institute for Human Gene Therapy).

Design Awards Jury Lecture: Recent Work, a Boston Perspective; Carol
Burns, S. Fiske Crowell, Jr., Rodolfo
Machado; 6 p.m.; room B-1, Meyerson
Hall (GFSA).

**19** Redesigning Dixie with Affirmative Action: Race, Gender and the Desegre gation of the Southern Textile Mill World; Nancy MacLean, Northwestern University; 4:30 p.m., room 329A, 3401 Walnut Street (Annenberg Speaker Series).

20 How the Mind Works; Steven Pinker, MIT; 3-4:30 p.m.; room 17, Logan Hall (Penn Humanities Forum; Lief Lectureship in English; IRCS).

IL-13 Antagonism Reveals Unique Immune Functions for IL-13 In Vivo; Debra Donaldson, Genetics Institute; 4

**TALKS** 

p.m.; Grossman Auditorium, Wistar Institute (Cancer Training Program).

**21** *Molecular Steps in Endothelial* Differentiation into Capillary-Like Tubes in Three Dimensional Collagen Matrices; Mary E. Gerritsen, Genentech; noon; 2nd floor conference room, Vagelos Research Labs (IME; Thrombosis/Vascular Biology).

The Role of Stress Resistance in the Specifications of Life Extension in C. Elegans; Thomas E. Johnson, Institute for Behavioral Genetics, University of Colorado at Boulder; 4 p.m.; Physiology Conference Room, 4th

Injstoley contection (Physiology).

Understanding Protein Folding
and the Evolution of New Structures;
Robert T. Sauer, MIT; 4 - 5:30 p.m.;
Reunion Lecture Hall, John Morgan Building (Biochemistry & Molecular Biophysics).

**22** Titian's 'Entombment' in Paris, Psalm 118, and Other Matters; Paul Watson, history of art; 3 p.m.; Rich Seminar Room (201), Jaffe Building (History of Art).

The American Apocalypse:

Beyond the Fringe and Back to the Center; panel discussion; 3 p.m.; Rosenwald Gallery, Van Pelt-Dietrich Library Center (Friends of the Library).

Angry Machines: Seventeenth-century Views on the Passions of Animals; Dennis Des Chene, Johns Hopkins University; 3 p.m.; room 402, Logan Hall (Philosophy). Managed Care and Public

Health: Bridging the Divide; Robert Ross, San Diego County Health and Human Services Agency; 3-4:30 p.m.; room 1206, Steinberg Hall-Dietrich Hall; reservations: by October 15 to Baumrita@wharton.upenn.edu (Leonard Davis Institute).

**25** The Effect of Nonlinerality on the Operability and Control of Chemical Processes; B. Wayne Bequette, Rensselaer Polytechnic Institute; 3:30 p.m.; room 337, Towne Building (Chemical Engineering).

Materials Standards for Industry and the Problem of Scientific Fixity; Amy Slaton, Drexel University; 4 p.m.; room 337, Logan Hall (History & Sociology of Science).

Lentiviral and Retroviral Genera-

tion of Peptide Therapeutics by

University City District's Go West! 3rd Thursdays:

October 21 Feature Event at the Museum

**TALKS** 

Complementation Cloning: Apoptosis and T Cell Signaling; Garry P. Nolan, Stanford University School of Medicine; 4-5 p.m.; Austrian Auditorium, CRB

(Institute for Human Gene Therapy).

The Future of American Cities; Edward G. Rendell, Mayor of Philadelphia;
4:30 p.m.; room 350, Steinberg HallDietrich Hall (Gruss Policy Forum Series).

Visiting Artist Series; Marjorie

Welish, painter, Pratt Institute; 5 p.m.; White Room, Morgan Building (GFSA). Rosenbach Lecture Series: Mate-

Rosenbach Lecture Series: Material Narratives: The Printing of Two Sixteenth Century Books; Randall McLeod, University of Toronto; 5:30 p.m.; Rosenwald Gallery Van Pelt-Dietrich Library (Friends of the Library). Also October 26, 27, 4, 28

26 Protein and DNA-Based Cardiovascular Therapy: An Engineering Obstacle Course; Scott L. Diamond, chemical engineering; noon; 2nd floor conference room, Vagelos Research Labs (IME).

1999 George Khoury Memorial Lecture: Transcriptional Factors in Mammalian Development; Peter Gruss, Max Plank Institute of Biophysical Chemistry, Gottingen, Germany; 4 p.m.; Grossman Auditorium, Wistar Institute

**27** Population Biology of HIV-1 Infection; Ashley T. Haase, University of Minnesota Medical School; 4 p.m.; Grossman Auditorium, Wistar Institute

(Cancer Training Program).

Germany's Holocaust Memorial
Problem—and Mine; James E. Young, University of Massachusetts—Amherst; 4:30 p.m.; Carolyn Hoff-Lynch Room, 1st floor, Chemistry Building (Jewish Studies Program).

**28** Ligan-Induced Conformational Changes in the Beta 2 Adrenergic Receptor; Brian K. Kobilka, Stanford University Medical Center; 4-5:30 p.m.; Class of '62 Lecture Hall, John Morgan Building (Biochemistry & Molecular Biophysics).

29 Turner's Color Theory and the Deluge Picture; John McCoubrey, professor emeritus, history of art; 3 p.m. Rich Seminar Room (201), Jaffe Building (History of Art).

In Defense of Mental Representation; Barbara Von Eckhardt, University of Nebraska; 3 p.m.; room 402, Logan Hall (Philosophy).

#### FITNESS/LEARNING

Jazzercise: 5:30-6:30 p.m.; Tuesday and Thursday; Newman Center; first class free; \$3.50/class; \$2.50/students; Carolyn Hamilton, (215) 662-3293 (days) or (610) 446-1983 (evenings).

ISC Computer Classes; for Penn faculty, staff and students; Info: www.upenn.edu/computing/isc/ttg/. Through October (ISC). Capoiera Dance Class; Afro-Bra-

zilian music, self-defense, acrobatics, dance and social interaction; 7-8:30 p.m.; location TBA; contact Rubi Pacheco, pacheco@pobox.upenn.edu. Also October12, 19 & 26.

**7** Open Observatory Night; 8-9 p.m.; roof, DRL (Physics & As-

New Horizons; a behind-the-scenes program designed especially for senior citizens; 10:30 a.m; Institute of Contemporary Art (ICA).

17 Ice-Skating Lessons, 1st Session; group and private sessions; Class of 1923 Ice Rink; registration deadline: 6 p.m, October 10 (Ice Rink).

**22** UNIX Security Workshop; learn prevention and detection of computer break-ins; for Penn faculty, staff and students; 9 a.m.-4 p.m. Info: Dave Millar, (215) 898-2172, security@ isc.upenn.edu, or www.upenn.edu/ computing/security-privacy UNIXWorkshop.html (ISC).

**Community Housing** 

Info: call Bernadette Ramsey, (215) ; only faxed or mailed RSVP's accepted, to The Office of Community Housing, 4046 Walnut Street, fax: (215) 573-2173.

**5** *Hiring a Contractor*; 12-1 p.m. & 1-2 p.m.; rm. 720, Franklin Building.

7 Home-Buying Seminar; 12-1 p.m. & 1-2 p.m., 4046 Walnut, Office of Off-Campus Living. **12** Homeowner's Insurance; 12-1

p.m. & 1-2 p.m.; rm. 720, Franklin Building. **14** Community Housing 101; information about the Guaranteed Mortgage Program; 8- 9 a.m.; 4046 Walnut, Office of Off-Campus Living. Also October 26: noon-1 p.m. & 1-2 p.m.; rm.

720, Franklin Building. **28** Start Smart—First Time Home Buyers; introductory session to United Bank of Philadelphia's Start Smart Program, 3-day workshop; 12-1 p.m. & 1-2 p.m.; rm. 720, Franklin Building.

Wharton SBDC

Registration: by phone at (215) 898-4861, or by fax at (215) 898-1063.

**5** *The Customer Service Advantage*; 6:30-8:30 p.m.; \$95.

7 The Basics of Business on Your PC; 6:30-9 p.m.; \$295; Thursdays, through October 28. 19 Getting the Most Out of Your Em-

ployees; 6:30-9 p.m.; \$95. **23** From Entrepreneur to Leader; 8:30 a.m.-noon; \$185; 2nd session, October 30.

**Morris Arboretum** 

Call (215) 247-5777, ext. 125 or 156 2 Healing Plants Day; three daylong lectures; 9:30 a.m.-4:30 p.m.

**9** Great Plants for Fall Color; 10 a.m.-noon; \$36; \$40/non-members. Also October 23. 19 Woody Plant Propagation—the Se-

*crets Revealed;* plant propagator Shelley Dillard; 7-9 p.m.; \$45; \$50/non-members. *Also October 23*, 9:30 a.m.-12:30 p.m. **21** *Pruning: What the Homeowner* 

Needs to Know; horiticulturist Iana Turner; 7-9 p.m.; \$40.50; \$45/non-members. *Also October 23*, 10 a.m.- 12:30 p.m.

**28** Breeding Trees for Toughness and Beauty; Susan J. Wiegrefe, Morton Arboretum, Lisle, IL; 7:30 p.m.; free to members; \$5/non-members. Reservations required: (215) 247-5777, ext. 168. Also October 29, 3 p.m.

**30** Tree Identification and Apprecia--*Conifers;* 10 a.m.-noon; \$54; \$60/non-members. Also November 6 &

Photographing Nature and Landscape; Melvin A. Chappell; 10 a.m.-noon; \$18; \$20/non-members.

**English Language Programs** Classes meet 6-8:30 p.m. in Bennett Hall. See www.sas.upenn.edu/elp/.

Advanced Written Communication; \$320. Mondays, through December

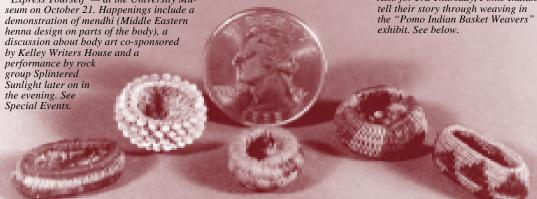
Pronunciation Improvement; \$320. Tuesdays, through December 14

Vocabulary Development. \$320. Thursdays, through December 16.

button, available at the

At this month's feature event, pick

Go West for a tour of personal adornment art through the ages by participating in UCD's feature event— "Express Yourself"— at the University Mu-seum on October 21. Happenings include a Also for 3rd Thursday, Pomo Indians



**Opening October 10:** 

Pomo Indian Basket Weavers

Above: Small Pomo baskets, made of sedge (light color) and bullrush (dark color) coiled on a willow foundation. The beaded one incorporates European glass beads. All donated to the Museum in 1918 by Mrs. W. Meirs.

**Right:** Early 20th century fine twined Pomo Indian basket—20.5 centimeters in diameter—by Laura Anderson.

Below: Susan Billy weaves a basket small enough to fit the palm of your hand. She will offer an ongoing basketry demonstration from 1-5 p.m. as a part of the opening festivities.





October

AT PENN

up information about where else to University City continue your evening in University THURSDAYS City—galleries, retaurants and special events. A 3rd Thursday University Museum, entitles its wearer to discounts and specials wherever they are offered. See www.gowest.org for information or call 1-800-GOWEST7. The hottest direction in town!