

# Almanac

Tuesday, May 26, 1992

Published by the University of Pennsylvania

Volume 38 Number 34

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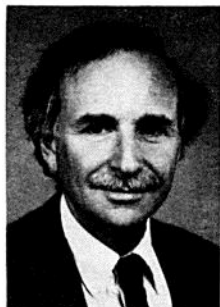
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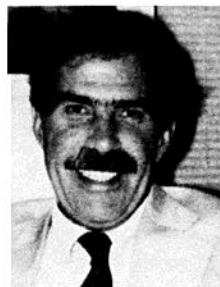
## Wurster Professor at Wharton: Dr. Stephen Kobrin

Dr. Stephen J. Kobrin, an expert on international management at Wharton, has been named the William H. Wurster Professor of Multinational Management.

The Professorship was established in 1985 by William H. Wurster, chairman of Glendon Development, Inc., and managing partner of Cleaver Associates, to develop a coordinated program of teaching and research relating directly to international business and multinational management, with a view toward private international enterprise. The chair was formerly held by Dr. Peter Lorange. "Professor Kobrin is a distinguished scholar and teacher. I am pleased, thanks to the generosity of Bill Wurster, that we can recognize his outstanding work," said Thomas Gerrity, dean of the School. A member of the Wharton faculty since 1987, Dr. Kobrin has been active as a scholar, teacher and consultant in addition to a three-year tenure as chair of the Management Department. He is currently on the editorial boards of the *Journal of International Business Studies*; *International Organization*; *Academy of Management Journal*; and *International Political Economy Yearbook*. Dr. Kobrin, who earned his Ph.D. from Michigan, holds an MBA from Wharton and a BMgtE from Rensselaer Polytechnic Institute.



Dr. Kobrin



Dr. Larkin



Dr. Tierney



Ms. Riley

## GSE Teaching Award: Dr. James Larkin

Dr. James Larkin, adjunct professor of education, is the recipient of the 1992 Excellence in Instruction Award at the Graduate School of Education. The award was presented to him at the School's Commencement last week.

Dr. Larkin, a graduate of Edinboro State College and the University of Maryland, joined the University in 1971. In addition to his teaching duties as a member of the school's associated faculty, he serves as the Director of the Teacher Education Program at GSE.

## Acting Dean of GSE: Dr. Michael Tierney

Dr. Michael Tierney, associate dean of the Graduate School of Education, will temporarily serve as Acting Dean of the School while Dean Marvin Lazerson takes a two month leave in September for research and writing.

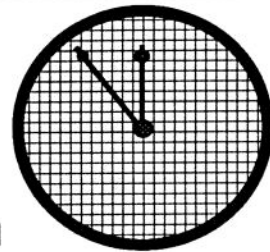
Dr. Tierney is an associate professor at the School and the former associate director of the Institute for Research on Higher Education, 1980-89. He has held two chairs at GSE in the Education Division and in the Education, Culture, and Society Division. He has published extensively on issues concerning higher education. He received his Bachelor's and Master's degrees from the University of California at Santa Barbara.

## Assistant VP/HR: Adrienne Riley

The promotion of Total Compensation Director Adrienne Riley to Assistant Vice President, Human Resources, was announced last week by Vice President William Holland. Ms. Riley retains her role as leader of the University's compensation and benefits programs for all faculty and staff, he said, but in addition she will be responsible for developing Penn's agenda on quality of worklife. "This promotion recognizes the ongoing strategic, organizational and financial impact of these programs to the University, as well as the significant accomplishments made in these areas in recent years," he added.

Ms. Riley took her B.A. and two M.A.s from SUNY Binghamton, all in Romance languages, and holds the designations of CCP (Certified Compensation Professional) and CEBS (Certified Employee Benefits Specialist). She joined Penn in 1983 as manager, compensation, and was promoted to director in 1987. During her nine years at Penn she has also headed other Human Resources departments including employment, records and information management.

## Harrisburg Countdown



Both houses of the General Assembly are recommending at least something for Penn in contrast to Governor Robert Casey's "zero-funding" for private higher education, according to Paul Cribbins, director for city and commonwealth relations at Penn.

The House has passed a bill giving some relief to the School of Veterinary Medicine and the Senate is considering a proposal to cover 90% of last year's amount to all Penn-aided categories.

But the competing bills of House and Senate will require negotiation and are expected to go into conference very shortly as the legislature seeks to adopt an appropriations bill by June 30, Mr. Cribbins said.

He urged Pennsylvania residents on the faculty and staff to write or phone key leaders (listed on page 3, the inside back page of this issue). Those who have already written to their legislators may wish to send copies of their earlier letters to these leaders, Mr. Cribbins added.

The competing responses are:

• **Passed in the House:** The Democratic majority's proposal to restore \$12.6 million for the School of Veterinary Medicine, with no appropriations for any other programs traditionally aided at Penn. The \$12.6 million is a single line in a General Appropriations Bill which does not differentiate education from research or service, or the Philadelphia campus from New Bolton Center.

• **In Progress in the Senate:** The Republican majority's bill-in-information restores 90% of Penn's 1991-92 rate of funding, line by line, for general instruction, dental clinics, medicine and the various sectors of veterinary medicine. The comparative figures (*in thousands*), show four separate line items for veterinary medicine which add up to \$13,800:

Appropriated 91-92 Senate Bill 92-93

Instruction	\$16.633	\$14.970
Dental Clinics	1.067	960
Medical School	4.596	4.136
Veterinary Medicine	8.005	7.205
New Bolton Animal Ctr.	3.924	3.532
Center for Animal Health & Productivity	1.290	1.161
Food-Animal Clinic	2.113	1.902
<b>Total</b>	<b>\$37.628</b>	<b>\$33.866</b>

Whatever the compromise that emerges, Mr. Cribbins said, the General Assembly's final bill must still go back to the Governor. Thus campus writers may wish to send copies to the Governor. His address and phone number are also on page 3 (inside back page).

**Death of Dr. Harris:** At presstime *Almanac* learned that Dr. Zellig Harris, Benjamin Franklin Professor Emeritus of Linguistics, died Friday in New York City.

## Undergraduate Initiatives Fund Awards: \$413,000 for 1992-93

Over \$413,000 has been granted to the four undergraduate schools and the School of Veterinary Medicine from the Undergraduate Initiatives Fund established a year ago to encourage innovative initiatives in undergraduate education.

Because of the potential loss of unrestricted state funding, grants from the Fund were made from accumulated surpluses only, thus limiting the number of proposals that could be funded.

As in previous years, cross-school and cross-disciplinary proposals were encouraged. This coming year some \$64,624 will go toward joint school projects. They are:

- the all-University Freshman Orientation Reading Project;
- innovative laboratory experiences in introductory science and mathematics being developed jointly by Arts and Sciences and Engineering;
- a course proposal submitted jointly by Wharton and Engineering that examines the Impact of Technology on Business.

Individual school projects that are being funded are outlined below.

### School of Arts and Sciences: \$139,060

— two additional research experiences at the undergraduate level: the opportunity for undergraduates to participate in the excavation of a paleolithic site in Northern France; and research mentorships in the History Department that allow undergraduate students to work with faculty on independent research projects;

— a number of efforts that encourage the instructional use of computing including:

- 1) the creation of an undergraduate auditory perception computing laboratory in the Psychology Department;
- 2) the purchase of a variety of software for use in the humanities including a multi-media, interactive database on ancient Greece; the newly-released CD-ROM of the second edition of the Old English Dictionary; and a program that teaches skills necessary for learning to read and write Japanese;
- 3) the purchase of special software for instructional computing in Math and Physics that will teach students how to use a symbolic manipulation application;
- 4) the establishment of an undergraduate project-oriented computer facility in the Physics Department; and
- 5) the purchase of audiovisual teaching aids for interactive computer-controlled systems to be used in Freshman Seminars.

— the development or revision of a number of academic courses:

- 1) an interdisciplinary course on Great Trials that exposes students to work in history, law, philosophy, psychology, and literary study;
- 2) the recasting of Environmental Studies 200 with recitations;
- 3) the establishment of an integrated elementary science laboratory course to replace the laboratory exercises in introductory Biology, Chemistry, and Physics; and
- 4) the testing of a third new type of writing course in which some freshman seminars become writing seminars as well.

— the purchase of hardware needed to effectively utilize an institutional research tool that provides information about the curriculum to departments, to policy-making committees and to academic advisors; and the development of instructional materials, as well as training programs, on how to use PennInfo to obtain information on degree requirements, policies and procedures, and other academic matters.

### School of Engineering and Applied Science: \$86,500

— the purchase of equipment for an interdisciplinary undergraduate laboratory to be shared by Mechanical Engineering and Systems Science and Engineering as part of an effort to develop an effective undergraduate thrust in manufacturing technology.

— the purchase of Sun SPARCstation workstations for use by undergraduates wishing to elect advanced computer science courses as a result of the extensive revision of the introductory programming course in SEAS.

— the development of a shared resource for all SEAS students and faculty in which a number of general-purpose mathematic software packages for modeling and simulation of various systems will be systematically introduced into the engineering curriculum. A new course for freshman-sophomore engineering students on the use of these programs will be developed, as will educational material for faculty.

### School of Nursing: \$36,400

— the development of Computer-Assisted Instruction for Problem-Solving Exercises to be used in the Freshman General Chemistry Course that will enable students to progress at their own pace;

— the development of Computer-Assisted and Video Instruction in Clinical Simulations to improve the teaching methods whereby undergraduate students learn such skills as taking vital signs, administering medications, physical assessment and clinical decision-making.

### Wharton School: \$78,874

— the development of a required non-credit experience for all entering Wharton freshmen—to be known as Wharton Connects—in which students will meet weekly, attend special workshops, receive training in presentation skills and communications, and participate in a term-long project of their choosing.

— the development of a living-learning program in Spain similar to that currently being offered in Lyon, France, whereby undergraduate students are able to take business and liberal arts courses in Spanish and receive Wharton credit for them.

### School of Veterinary Medicine: \$8,000

— an undergraduate research experience for students in the biological sciences, with students working with faculty in a laboratory setting.

*With the adoption of the revised Student Judicial Charter and Code of Academic Integrity beginning opposite, the Provost's Office issued the following summation of School and Program responses to date:*

### Applicability of the Student Judicial Charter and Code of Academic Integrity to Programs within Schools

School	Student Judicial Charter	Code of Academic Integrity
Annenberg		
Masters	decision pending	vote pending
Ph.D.	decision pending	vote pending
Arts & Sciences		
College	yes	yes
CGS (includes English Language Program)	yes	yes
Graduate Division	yes	yes
Dental Medicine	no*	no*
Education	decision pending	decision pending
Engineering & Applied Science		
Undergraduate	yes	yes
Masters	no*	no*
Ph.D.	no*	no*
Fine Arts	yes	yes
Law	no*	no*
Medicine		
M.D.	no*	no*
Biomedical Graduate	yes	yes
M.S. in Clinical Epidemiology	yes	yes
Nursing		
Undergraduate	yes	yes
Graduate	yes	yes
Social Work	decision pending	yes
Veterinary Medicine	decision pending	vote pending
Wharton		
Undergraduate	yes	yes
Wharton Evening	yes	yes
M.B.A.	no*	no*
Ph.D.	yes	yes

\* Where "no" appears, a school or program has developed its own procedures. Students should refer to the school bulletin for appropriate information.





## Harrisburg Countdown

Following are the key leaders in the final stages of Commonwealth appropriations negotiations discussed on page one of this issue. As noted in the President's call for letters in the April 21 issue, members of the University should use personal letterheads in communicating. All addresses below are in Harrisburg PA 17120. The first of two phone numbers given is for a local or district office, the second the Harrisburg office

### Senate

Sen. Robert C. Jubelirer (R)  
President Pro-Tem of the Senate  
Room 292 Main Capitol Building  
(814) 942-5495 or (717) 787-5490

Sen. F. Joseph Loeper (R)  
Senate Majority Leader  
Room 362 Main Capitol Building  
(215) 284-3577 or (717) 787-1350

Sen. Richard A. Tilghman (R)  
Chair, Senate Appropriations Committee  
Room 281 Main Capitol Building  
(215) 525-7676 or (717) 787-5544

Sen. Robert J. Mellow (D)  
Senate Minority Leader  
Room 535 Main Capitol Building  
(717) 385-2535 or (717) 787-6481

Sen. Vincent J. Fumo (D)  
Minority Chair, Senate Appropriations Committee  
Room 545 Main Capitol Building  
(215) 468-3866 or (717) 787-5662

### House of Representatives

Rep. Robert O'Donnell (D)  
Speaker of the House  
Room 139 Main Capitol Building  
(215) 843-1700 or (717) 787-4610

Rep. H. William DeWeese (D)  
House Majority Leader  
Room 110 Main Capitol Building  
(412) 627-8683 or (717) 783-3797

Rep. Dwight Evans (D)  
Chair, House Appropriations Committee  
Room 512E-3 Main Capitol Building  
(215) 549-9220 or (717) 783-1540

Rep. Matthew J. Ryan (R)  
House Minority Leader  
Room 423 Main Capitol Building  
(215) 566-2000 or (717) 783-8677

Rep. Joseph R. Pitts (R)  
Minority Chair, House Appropriations Committee  
Room 245 Main Capitol Building  
(215) 444-4581 or (717) 787-1711

### Governor

Gov. Robert P. Casey (D)  
Room 225 Main Capitol Building  
(717) 787-2500

\* Western Union's "Opinion Message," widely publicized for expression of views on federal bills, can be used for in-state communication under the same conditions and at the same rate: \$9.95 for the first 20 words, and \$3.50 for an additional 20. Telegrams must address a legislator by title and name, and can be initiated by calling 1-800-325-6000. Senders should specify billing to their home telephones.

**Edward F. Fry**, 56, who taught in the history of art department, died in April. In addition to Penn, he also taught at Princeton, Yale, and Harvard, among other institutions.

Mr. Fry also served as curator for art exhibitions here and abroad. He authored many essays, articles and books, including *Cubism*, *David Smith*, *Sculpture from 20 Nations* and *Robert Morris: Works of the 1980s*.

He is survived by his wife, Alexandra Ericson, a stepdaughter, Magdalena Bergmann, and a sister.

**Dr. Leonard N. Horowitz**, 44, an internationally respected cardiologist and researcher in the diagnosis and treatment of abnormal heart rhythms, died of cancer on May 21. He had been a clinical professor of medicine at Penn since 1988, and was the co-director of the Philadelphia Heart Institute at Presbyterian Medical Center and had been the director of its Arrhythmia Services since 1987.

Prior to joining Presbyterian, Dr. Horowitz was the director of Clinical Cardiac Electrophysiology at the Likoff Cardiovascular Institute at Hahnemann University. Before that, from 1978 to 1981, he was the Director of Ambulatory Electrocardiographic Monitoring at HUP and the director of the Clinical Electrophysiology at Children's Hospital.

He received his Bachelor's degree cum laude from Tulane University, and his degree in medicine from Penn. He completed both his internship and fellowship at Penn.

Dr. Horowitz is survived by his wife, the former Dona Weinstein; his sons, Adam and Joshua; his daughter, Aimee; his mother, Belle S. Horowitz; and his sister, Marcia Josowitz.

## FY 92-93 PennNet Pricing

Connection	FY 91-92	FY 92-93
Ethernet	\$31.50/mo.	\$24.50/mo.
Asynchronous	\$22.00/mo.	\$22.50/mo.

For details, please contact George McKenna (Ext. 8-8184) or see PennInfo.

## FY92-93 UMIS Rates

The UMIS Rate Schedule will appear in the July issue of *Almanac*. In the interim, UMIS pricing will be available on PennInfo on June 1.

## Coming: The New Franklin/PennData

When faculty and students return to campus this fall and check out the Library's computerized system, they'll find the catalog and much more. Franklin will be just one choice on the introductory menu: other choices will be MEDLINE (health sciences), PsycInfo (Psychological Abstracts), ABI/Inform (business and management), and a new file of periodical indexes covering arts, humanities, social sciences and science and technology. Switching from one database to another will be fast and easy, and searches can be repeated across files without re-keying. The most exciting feature of the new Franklin/PennData is that catalog and journal indexes are fully integrated. When a journal title cited in MEDLINE, for example, is owned by Penn's libraries, the citation will link directly into Franklin showing library holdings, volumes bound, issues received, etc.

Franklin, too, will have a new look and new power. Clearer, labeled displays can be selected in brief or long formats. And finally, for the armchair browser, it will be possible to search by call number. A virtual walk through the stacks will allow searchers to see what's on the shelves throughout the Penn Library system, and to see what's checked out.

Today Franklin is searchable by author, title, subject, and keyword, and has Boolean search capability. By fall, call number browsing will be available. Franklin also indicates the current status of a book, what's on order, and which issues of a journal are on hand. For some libraries, it even records what's at the Bindery. And Franklin is available most of the hours the Penn community is awake. The new PennData will be accessible to all faculty, staff and students, and will continue to expand in coverage of major journal files, and will be fully integrated into Franklin.

—Paul Mosher, Vice Provost and Director of Libraries

## Permit Parking Rates for FY 1993

The permit parking fee schedule for 1992-1993 has been reviewed with the University Council Committee on Facilities. The general fee structure is responsive to the University policy requiring the Parking Program to be self-supporting. Parking income is used to cover the cost of surface lot improvements (e.g., pavement, fencing, striping, control gates), pay the salaries of attendants, reduce the construction debt on garages, finance new construction of parking facilities, pay parking taxes and real estate rental fees, and cover the cost of miscellaneous expenses.

For the 1993 academic year, permit parking fees will increase by 50 cents a week in most University parking lots. The average permit parking rate is \$2.19 per working day and compares favorably with the minimum daily rate of \$5.50 that non-permit holders currently pay in Penn's transient parking lots.

—Robert Furniss, Director  
Transportation and Parking Services

Parking Permit Class	12 Months (Sept-Aug)	9 Months (Sept-May)
Class 1 (F/S Garages #36, #44)	\$900.00	N/A
Class 2 (F/S Convenience)	\$618.00	\$486.00
Class 3 (F/S Commuter)	\$519.00	\$409.50
Class 4 (F/S Remote)	\$372.00	\$297.00
Class 5 (Student Commuter)	\$432.00	\$342.00
Class 6 (24 Hour)	\$825.00	\$652.50
Class 7 (Evening: 4 PM-11 PM)	\$264.00	\$216.00
Class 8 (Motorcycle Commuter)	\$104.00	\$84.60
Class 9 (24 Hour Motorcycle)	\$204.00	\$166.50

## OSHA Mandate: Exposure Control Plan for Bloodborne Pathogens

In accordance with the OSHA Bloodborne Pathogens Standard, 29 CFR 1910.1030, the Office of Environmental Health and Safety (OEHS) has developed an Exposure Control Plan. The plan establishes practices and procedures to eliminate or minimize occupational exposure to the following bloodborne pathogens: Human Immunodeficiency Virus, Hepatitis B Virus, non-A non-B hepatitis virus(es), Human T-cell Lymphotropic Virus type I, malaria, babesia, brucella, leptospirosis, arboviruses, relapsing fever, Creutzfeldt-Jakob Disease and viral hemorrhagic fever.

The plan must be completed by all principal investigators/area supervisors who work with human blood, blood products and other potentially infectious materials. The principal investigator/area supervisor must make the completed plan accessible to all employees in her/his area. Copies of the plan may be obtained from OEHS at 1408 Blockley Hall/6021 or by calling Ext. 8-4453.

### University of Pennsylvania Police Department

This report contains tallies of part 1 crimes, a listing of part 1 crimes against persons, and summaries of part 1 crime in the five busiest sectors on campus where two or more incidents were reported between May 10, 1992 and May 24, 1992.

Totals: Against Person - 2, Thefts - 39, Burglaries - 9, Thefts of Auto - 2, Attempt Thefts of Auto - 0

Date	Time	Location	Incident
<b>Crimes Against Persons:</b>			
05/15/92	10:04 PM	3900 Block Chestnut	Robbery at gunpoint, no injuries
05/22/92	1:50 AM	Kappa Alpha	2 robbed at gunpoint/ 2 apprehensions
<b>34th to 38th; Civic Center to Hamilton</b>			
05/12/92	10:28 AM	Johnson Pavilion	Answer machine taken/ 2 apprehensions
05/12/92	12:23 PM	Nursing Ed Building	Credit card taken from envelope on door
05/20/92	8:04 AM	Lot 18	Radio, pager, personal items from auto
05/20/92	8:39 PM	Hamilton Walk	Front tire taken from locked bike
05/20/92	10:29 PM	Hamilton Walk	Secured bike taken from rack
05/22/92	9:01 AM	Blockley Hall	2 tape recorders taken from room
05/22/92	9:45 AM	Blockley Hall	2 camcorders taken
<b>36th to 38th; Hamilton to Spruce</b>			
05/10/92	4:33 AM	McKean Dorm	Clothing items from unsecured room
05/11/92	1:07 PM	Speakman Dorm	TV taken from unsecured room
05/13/92	1:51 PM	Stouffer Triangle	Package taken from mail room
05/14/92	5:52 AM	Birthday Dorm	Various items taken from room
05/18/92	2:39 PM	Stouffer Triangle	Items taken from kitchen
05/18/92	3:35 PM	Butcher Dorm	Wallet & contents taken from room
<b>34th to 36th; Spruce to Locust</b>			
05/11/92	7:58 PM	Williams Plaza	Bike taken
05/12/92	2:45 PM	Houston Hall	Bookbag taken from food court
05/20/92	9:42 AM	Williams Hall	Purse & contents taken from room
05/20/92	3:23 PM	Williams Hall	Check taken from room
05/20/92	8:05 PM	Williams Hall	Bike taken from rack
<b>36th to 38th; Walnut to Locust</b>			
05/13/92	6:33 PM	Gimbel Gym	Unattended wallet taken
05/15/92	6:00 PM	Gimbel Gym	Warm-up suit & bag taken
05/20/92	7:17 PM	Gimbel Gym	Unattended & unsecured knapsack taken
05/21/92	8:44 PM	Gimbel Gym	Wallet and ID taken
<b>39th to 40th; Spruce to Locust</b>			
05/19/92	3:48 PM	Van Pelt House	Bike taken from lobby
05/21/92	1:03 PM	Harrison House	2 small refrigerators taken
05/21/92	7:46 PM	Harrison House	VCR taken from room

**Safety Tip:** Lock the door to your room when you are sleeping or out. Locking your door when you are gone or asleep is the single most effective action you can take to reduce theft.

### 18th District Crimes Against Persons

Schuylkill River to 49th Street, Market Street to Woodland Avenue  
12:01 AM May 4, 1992 to 11:59 PM May 17, 1992

Totals: Incidents - 24, Arrests - 4

Date	Time	Location	Offense/Weapons	Arrests
05/04/92	2:13 AM	3942 Chestnut	Aggravated Assault/glass	No
05/04/92	2:45 PM	4900 Locust	Robbery/strong arm	No
05/04/92	10:19 PM	4800 Warrington	Purse Snatch/strong-arm	No
05/06/92	5:00 PM	4600 Walnut	Robbery/gun	No
05/07/92	3:00 PM	22 S. 43	Rape/knife	No
05/07/92	4:00 PM	4900 Woodland	Aggravated Assault/knife	Yes
05/07/92	9:00 PM	4045 Baltimore	Aggravated Assault/knife	No
05/08/92	11:00 PM	801 S. 47	Robbery/strong-arm	No
05/09/92	12:25 AM	4700 Warrington	Purse Snatch/strong-arm	No
05/09/92	8:59 PM	4200 Locust	Robbery/shotgun	No
05/09/92	10:55 PM	4000 Market	Robbery/knife	No
05/10/92	12:27 AM	3800 Chestnut	Aggravated Assault/bottle	Yes
05/11/92	10:39 PM	4000 Chestnut	Robbery/gun	Yes
05/12/92	7:47 PM	4600 Kingsessing	Aggravated Assault/gun	Yes
05/13/92	2:00 PM	4200 Market	Aggravated Assault/feet	No
05/13/92	10:05 PM	310 S. 48	Robbery/gun	No
05/15/92	6:15 PM	5715 Hazel	Robbery/fist	No
05/15/92	10:20 PM	3700 Sansom	Robbery/gun	No
05/16/92	12:26 AM	3600 Sansom	Robbery/gun	No
05/16/92	3:20 PM	4623 Spruce	Robbery/gun	No
05/16/92	6:17 PM	4700 Chestnut	Robbery/unknown weapon	No
05/17/92	1:25 AM	3700 Sansom	Robbery/gun	No
05/17/92	1:42 AM	4613 Larchwood	Robbery/gun	No
05/17/92	3:05 AM	1 S. 40	Aggravated Assault/gun	No

# Update

MAY AT PENN

## FILM

**27 Missing;** political thriller about an American writer who disappears in a politically torn South American country. Sissy Spacek and Jack Lemmon star; free with gallery admission; 6 p.m., ICA.

## FITNESS/LEARNING

**26 Caregiver's Support Group;** noon-1 p.m., Room 301, Houston Hall (CCRN).

**27 Less Than 18 Months in Recovery;** Nancy Madonna, F/SAP counselor; noon-1 p.m., Room 301, Houston Hall (F/SAP).

## TALKS

**27 Idiopathic Pulmonary Fibrosis: A Network of Cells and Cytokines;** Galen Toews, University of Michigan; 11 a.m., Medical Alumni Hall, 1st Floor Maloney (Medicine).

**28 Development of an Instrument for Detecting Prevalence of Abnormal Drinking Among the Population of the IX Region of Chile;** Eduardo Ilanes, HUP; 9-10 a.m., 313 NEB (GIM).

**Three-dimensional Structural Studies on Diarrheal Viruses;** B.V.V. Prasad, biochemistry, Baylor College of Medicine, Texas; 4 p.m., Wistar Institute (Wistar).

**Fastigial Nucleus Regulation of Cardiovascular Function: A Microdialysis Study;** Tom Parry, PennMed; 4:30 p.m., M100-101, John Morgan Bldg. (Pharmacology).

**29 Transgenic and Embryonic Stem Cell "Knock-out" Technology;** Richard Sutton, senior medical resident; noon-1 p.m., Agnew-Grice Conference Room, 2 Dulles (GIM).

## Sleep Study Volunteers, 21-30

Student volunteers are needed for a Penn-affiliated research study on sleep loss and immune function starting Saturday afternoon, July 25, and continuing through Friday evening, July 31. Subject must be a healthy student, 21-30 years of age, willing to have blood samples drawn as well as EEG sleep, alertness, and performance measured. Blood assays require advance HIV test. Study includes 64 consecutive hours of sleep loss, after two standard 8-hour nights of sleep in lab. \$500 for complete study of 6 1/2 days in-lab, plus 2 three-hour eligibility sessions beforehand. For interview and further information: Ms. Carlin, 471-2525, 8 a.m.- 1 p.m Monday through Friday.

**Correction:** Dr. David Hildebrand is Professor of Statistics, not Marketing as misprinted May 12.



**Almanac**

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The University of Pennsylvania's journal of record, opinion and news is published Tuesdays during the academic year, and as needed during summer and holiday breaks. Guidelines for readers and contributors are available on request.

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