



Almanac

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Signs of Celebration

Philadelphia Artist Sam Maitin's variations on a theme in blue, red and green turn up on a button (above) a tee shirt, and a limited-edition print (125 copies) available for a tax-deductible \$100 to SAS. Collectors can call Ext. 5262.

Call: Honorary Degrees

The University Council Committee on Honorary Degrees welcomes suggestions for recipients of honorary degrees for Commencement on May 20, 1985. Nominations (including background biographical information) should be submitted in writing to any member of the committee or to Abbie Kleban, Office of the Secretary, 121 College Hall/CO. The deadline is October 31.

Committee members include: *Marvin Wolfgang*, chair, 440 Vance Hall/CS; *Peter J. Freyd*, 4N38 DRL/E1; *Benjamin F. Hammond*, Dental School/A1; *Marilyn Hess*, 67A Med/63; *David K. Hildebrand*, Suite 3000, SH-DH/CC; *Kathleen Kelly*, Pathology and Lab. Medicine, 220 Med.Ed. Building; *Paul J. Korshin*, 209 Beh/D1; *Arthur Lawrence*, 415 Vance Hall/CS; *Gary Lowitt*, Box 791, 3901 Locust/J1; *Albert J. Stunkard*, 133 S. 36th/I7; *Eric Weinberg*, 314 GL/G5; *Howard Wolk*, 2009 HRE/B9.

Reminder: SSW Dean's Search

The Search Committee for a Dean of the School of Social Work reminds the community that nominations are being accepted. A statement describing the School's mission and the attributes sought in a Dean is available in the Office of the Secretary. It is anticipated that the new Dean will assume office on July 1, 1985.

Nominations should be sent to: *Dr. Alexander Hersh*, Chairperson, Search Committee for a Dean of the School of Social Work, c/o Robert G. Lorn-dale, Office of the Secretary, 121 College Hall/CO. The other members of the Search Committee are: *Howard Arnold* and *June Axinn*, social work; *George Gerbner*, communications; *Ralph B. Ginsberg*, regional science; *Carol Hicks*, D.S.W. student; *Howard E. Mitchell*, human resources and management; *John Morrison*, social work; *Janice A. Radway*, American civilization; *Steven Welch*, M.S.W. student; *Harold Lewis*, alumni representative; *Jamie Quackenbush*, alternative student representative

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Seven in the Lively Arts and Sciences

Seven leaders in the arts and sciences in the U.S. will receive honorary degrees in a special convocation October 25 as the School of Arts and Sciences' month-long tenth-anniversary celebration gets under way.

All members of the University are welcome at the convocation, which starts at 4:15 p.m. in 200 College Hall.

Also open to all is "An Evening with Arthur Miller," the night before—the first Dean's Forum announced by Dr. Joel Conarroe, who will give academic achievement awards to ten graduate and ten undergraduate students. It starts at 8 p.m. in Meyerson Hall.

Later in SAS's month there will be Humanities Week (October 29 through November 2), Social Sciences Week (November 5-9) and Natural Sciences Week (November 12-16); and the President and Provost sponsor the University Symphony Orchestra in concert Friday, November 16 at 8 p.m. in Irvine Auditorium.

The October 25 honorary degrees go to:

Trustee and Alumnus *John W. Eckman*, chair of the SAS Board of Overseers, president of the Historical Society of Pennsylvania, as well as chair of the Rorer Group Inc., and general chair of United Way of Southeastern Pennsylvania.

Dr. Carolyn G. Heilbrun, professor of English at Columbia, president of the Modern Language Association and pioneer in women's studies. As *Dr. Heilbrun* she is the author of *Christopher*

Isherwood, Toward a Recognition of Androgyny, and Reinventing Womanhood. As *Amanda Cross*, she writes the popular *Kate Fansler* mysteries set in academia.

Dr. Charles P. Kindleberger II, emeritus professor of economics at MIT and president-elect of the American Economic Association. *Dr. Kindleberger's* recent books include *International Money, The Financial History of Western Europe, and Multinational Excursions*.

Arthur Miller, Pulitzer Prize-winning playwright (*Death of a Salesman, After the Fall*—both now in revival on Broadway—*The Crucible, A View from the Bridge*) whose most recent book is *Salesman in Beijing*, an account of the 1983 production of *Salesman* in China.

Dr. Ruth Patrick, senior curator at the Academy of Natural Sciences and adjunct professor of biology at Penn. *Dr. Patrick* is an international figure in research on aquatic systems and environmental impacts of change.

Dr. Otto Springer, emeritus professor of German and former dean of the College of Arts and Sciences here. *Dr. Springer*, who joined the faculty in 1940 and retired in 1975, is the author of numerous books and articles and is now writing a multi-volume etymological dictionary of Old High German.

Andre Watts, Philadelphia-trained and internationally-acclaimed pianist noted for finding originality amid exacting fidelity in demanding scores. *Mr. Watts* was soloist in the April 1983 Academy benefit highlighting the forum. "Toward the Prevention of Nuclear War."

Internal Grants for Computerization: November 9 Deadline

David Stonehill, Vice Provost for Computing, recently announced three internal grant programs to support computer usage in instruction and research. The faculty of all University schools are invited to participate in them. The programs are:

- The second year of the IBM "Threshold" grant, providing equipment to initiate new and innovative computer programs in instruction and research.
- The United Parcel Service Fund, supporting personnel needs in computer usage for research and graduate instruction.
- The Educational Development Fund, supporting the integration of computer technology into the undergraduate curriculum.

These grants are defined in the program descriptions that appear in *Penn Printout*, the insert in this issue of *Almanac*. The programs interlock providing complementary resources; proposals to more than one program in the name of a single project will be accepted. The intent of these programs is to seed the development of new or innovative uses of computers in research and instruction. Administrative uses, general needs for support, or routine applications, such as word processing, do not fall within the scope of the programs. Proposals directed to the support of a specific project which has a substantial innovative content will be most successful.

The proposal efforts will be coordinated by the deans of the Schools. Proposals should be given to the deans by *November 9*. The proposals will then be reviewed by a faculty committee and the deans will be notified of the resulting awards by *November 30*. Program equipment or funds will be available starting in *January, 1985*.

To Faculty Who Might Testify in Washington

During the past year the University has strengthened and regularized its communications with the Federal government on matters of legislative and regulatory interest. Recognizing particularly the role of Congress in determining the level and, in many cases, the direction of Federal support for research, we have made a special effort to enhance our relations with the Pennsylvania delegation and the committees of Congress whose decisions directly relate to teaching and research at Penn.

Part of this effort has involved providing expert Penn witnesses to appear and testify at Congressional hearings. In the 1983-84 academic year, Penn faculty and administrators have testified before Congress on a diverse range of issues. Such testimony promotes the University as a strong and reliable resource and complements our efforts to advise members of Congress of Penn's interest in specific legislative and oversight matters.

In order to encourage greater involvement of faculty in our Congressional relations, the Provost's Office will reimburse faculty members for expenses incurred in travel to and from Washington (transportation, meals, lodging) for participation in Congressional hearings or briefings on behalf of the University. Any faculty member wishing to be reimbursed should notify the Provost of an official request to appear before Congress on behalf of the University not later than one week before the scheduled date of the briefing or testimony. The request for reimbursement should be countersigned by the Dean of the faculty member's School.

—Thomas Erlich, Provost

—David Morse, Office of Government Relations

Applications for Morocco-Penn Faculty Exchange Program

The University's Office of International Programs received a grant last year from the United States Information Agency for the exchange of faculty with Mohamed V University (Rabat, Morocco) in the areas of social sciences, humanities, education and communications. Funds for travel and per diem only are available for up to two Penn faculty to be exchanged each year for a three-year period beginning September 1984. Several Moroccan and Penn faculty are tentatively scheduled for exchange in 1984-85. Applications from interested University faculty are sought for two or more short-term (4-to 8-week) positions and one possible 4-to 6-month appointment for academic year 1985-86. Those faculty members who sent in letters of application (resume, cover letter, times available) are requested to update their application if interested in 1985-86. For more information, please call Amy Shargel, Ext. 6998. Deadline is May 1, 1985.

Constitution's 200th: October 18

Penn launches its participation in the Bicentennial of the U.S. Constitution this week as co-sponsor of a three-day conference on "The Creation of the American Constitution," the first of many national scholarly events leading up to the actual "birthday" September 17, 1987.

Two of the 11 sessions are free and need no registration: the opening program at 4 p.m. Thursday, October 18, and the closing one at 3 p.m. Saturday, October 20, both held at the auditorium of the Independence National Historic Park, 3rd and Chestnut. Penn Trustee and U.S. Judge A. Leon Higginbotham chairs the first, with columnist and Northwestern University Professor Garry Wills as speaker on "Popular Sovereignty and the Constitution." For the closing, Professor Gordon Wood of Brown speaks on "Interests and Disinterestedness in the Making of the Constitution."

In between are sessions by Chicago's Ralph Lerner on the "Thinking Revolutionary," Rutgers' Thomas Slaughter on "The Crowd," Kentucky's Lance Banning on "Mr. Madison's Convention," Princeton's Sheldon Wolin on the Federalist Papers, and James Hutson of the Library of Congress on "Understanding the Federal Convention."

Registration for the full conference, at \$10 (\$5 for students), begins at 2:30 p.m. in the

(continued past insert)

Speaking Out

Restore Lost Salary

One of the major problems the University faces at this time is the problem of faculty salaries; a problem that seems to be a major concern in all parts of the University. Although the matter is being intensively discussed currently by the Senate Committee on the Economic Status of the Faculty, its importance requires that the faculty at large crystallize the issues and develop the broad-based support necessary for its appropriate resolution.

Various efforts in the past have tended to focus on particular groups of faculty and/or schools and thus improve significantly the economic situation of these groups. We have thus seen, for example, the emphasis placed alternatively on the recruitment of assistant professors, on several types of minority faculty, on the need to increase the shares of endowed chairs, and more recently, on making our Wharton faculty truly feel that they are in the lead in their field. Other faculty groups and schools, such as the Medical School, have tried successfully, to some extent, to provide compensation for their faculty through organized research (or practice) efforts. We are all for these efforts which succeed in bringing some measure of just compensation to some of our faculty members.

However, there is still a large number of faculty members at the University of Pennsylvania who are currently grossly underpaid and whose families provide the testimony of the absolute necessity to provide some substantial relief in the near future. This large group includes all members of the faculty who have been at Penn since at least the early 1970s; they

have been productive researchers and creative and stimulating teachers who thus stayed at Penn, and who have progressed professionally—but not, alas, in terms of salary. Over the last ten years they have seen their salary *reduced* in constant dollars. The SCSF calculated last year that each one of these colleagues of ours *has given to the University the equivalent of at least a whole year's salary in the last ten years*. The SCSF also calculated that "on the average," faculty members who served the University for the last ten years receive today a salary *9.5% less* than they received in 1974. In this respect, even today, each of these faculty members is *forced to give to the University 10% of his/her salary each year*. Never mind that he/she is now much more senior than in 1974, perhaps with promotion and other accomplishments that he/she may have in teaching, research and/or publications. No wonder that many a senior faculty member finds it quite hard to make ends meet in the family budget. The tragedy (because it is really tragic what is happening) is that the loss of salary for many in this group is even greater than the one calculated by the SCSF last year (in some cases as high as the 22% loss of salary calculated on the national level by AAUP). This is so because the 9.5% salary loss was based on averages which included the slowly-but-steadily increasing number of endowed chairs, several new faculty members hired at much higher initial annual salary, and calculations across schools; (although we know that some schools have indeed succeeded in paying their faculty a little better than other schools). Every year the loss of salary is extended it *adds* to the sacrifice

imposed on the faculty. Statements that suggest that recently the faculty salaries have been keeping pace with inflation, and have started to improve, do not suffice—even though there may be some truth in them, in that only recently the inflation rate has been tamed enough to provide the possibility of a real catch-up period. Also, comparisons with "sister" schools are a patently insufficient basis for decisions in this field, and are terribly misleading because there is no way of establishing exactly a comparable basis among the reported schools. The comparison that really matters, and the one that does not mislead, is the one that is based on the economy of the country, as the Trustees very well know, for it becomes apparent when they discuss salaries for the high officials of the Administration, and when they assess proper growth in their own economic activities and remunerations.

What is clearly needed is an immediate salary increase for the faculty members who experienced the imposed loss by 10%, above and beyond the rise of inflation. In my view, the optimal action would be to have a corrective action of that magnitude carried out within a single two-year budget period. The absolute minimum is the immediate forceful and *universal* adoption of the five-year plan recommended last spring by the SCSF. That plan would achieve the same objective in five years. In either case, the application of the corrective actions should be carefully extended to all those who have been left behind through no fault of their own.

On this issue it seems clear that the faculty stands united in looking to the Administration

continued past insert

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Library of the American Philosophical Society. Members of the University can pre-register by calling or sending checks c/o Dr. Richard Beeman, director of the University's Philadelphia Center for Early American Studies, 3810 Walnut Street (Ext. 3487).

Class of 1988: The Academic Profile

An article in *Almanac* October 2 reported on the Class of 1988 which was selected from the largest applicant pool in Penn's history. In response to faculty interest in further detail about the academic profiles for the Class of 1988, I present this overview of the past three years.

All Freshmen

Year	Percentile Class Rank	SAT		Average of Achievement Tests
		Verbal	Math	
1984 (94th-%tile)		600	670	630
1983 (95th-%tile)		600	670	630
1982 (94th-%tile)		600	650	630

— Willis J. Stetson, Jr., Dean of Admissions

Corrections: The Profile of the Class of 1988 contained a list of Far West states. The following line was omitted:

1984	83	82	81	80	79	78
Washington	10	3	4	5	4	1

The same article referred to Penn's long tradition of convocation ceremonies as numbering 254; the correct figure is 245.

Adult Role in Sorority-Fraternity Life?

At the request of Dr. James J. Bishop, and with the approval of the Interfraternity Alumni Council, the Fraternity/Sorority Advisory Board has accepted the unique challenge of the administration "to study the value of and opportunities for increasing the involvement of adults older than typical undergraduates in operations and activities of Penn's Sororities and Fraternities, [and] to seek out the advice and opinions of others interested in this issue." The Board has begun discussion of this issue and hopes to report its findings and recommendations to the University Administration before the end of the Fall term 1984.

We have decided to solicit the opinions and advice of the numerous constituencies of the University community, including fraternity and sorority undergraduate chapters, alumni organizations, and national offices. In addition, we have contacted organizations such as the Undergraduate Assembly, the Graduate and Professional Students Association and the Faculty Senate, and other University depart-

ments such as Student Life, Student Health, Public Safety, Residential Living and the Counseling Service.

Through a process of review, discussion and evaluation, we intend to record the current status of "adult involvement" with each chapter. The process will also include discussion and evaluation of whether such "adult involvement" needs to be changed, and if so, in what manner. It is our intention to make some conclusions and recommendations on this topic, so that fraternities and sororities can continue to contribute positively to the overall objectives of the University.

At this time, we ask all those interested in this topic to submit a written statement for the Board's consideration. Please forward any written comments to the Board, care of the Office of Fraternity and Sorority Affairs, by October 26, 1984.

— Mary C. McMonagle, Chair
Fraternity/Sorority Advisory Board

at all levels for understanding and empathy. The faculty looks first toward the deans of each school for the exercise of their natural role of leadership which involves, among their other important tasks, that of avoiding the founding of the welfare of their schools on the deprivation of their faculty. Recent evidence suggests that the deans as a whole are aware of this problem and that they have exercised the powers of their office beneficially on several occasions. Still the need is great for more, and more universal, efforts along these lines. The faculty at large is, of course, facilitating this effort with the recent surge in research efforts.

Second, the faculty looks toward the central Administration from which it hopes to see signs of understanding and empathy. The expectation is that the leadership role of the Administration will be accentuated with initiatives that will tend to restore the faculty's salaries to the proper levels of a truly leading University, and of an economic institution that knows how to advance the remuneration of its partners while achieving a maximization of their contributions to the wealth and reputation of the institution.

Someone may say that a 10% increase beyond the inflation rate is just too vast a sum of money to be afforded by Penn at this time. Let me try to debunk this illusion. In the FY 1983-84, the total academic salaries mounted to \$49,318,000 out of a total University budget of \$277,843,000.* This covered all A-2 (or academic) classifications in the University, including all the non-standing faculty (teaching assistants, adjunct professors, visiting and research faculty or lecturers, etc.). If

*Based on the report to the Trustees of June 17, 1983, and other public announcements.

we focus on the standing faculty with continued service we conclude with a total salary component for that group of less than half of the \$49,318,000. This is the sum that would need to be increased by a straight 10% to meet the need; and the needed funds are not more than \$2.5 million.

Now where can the \$2.5 million of salary recovery be found? I respectfully submit that there are several sources which have already contributed well in excess of that sum, and promise to do the same in the years to come. Some examples:

1. The tuition and fees increase in 1983-84 was \$15.5 million and the comparable increase for 1984-85 is expected to be \$12.2 million, against a faculty salary increase of about \$5.6 million in 1983-84 and \$3.3 million in 1984-85.

2. The research activity carried out by the same core of the standing faculty that we are discussing increased last year from \$101 million to \$115.7 million, a net increase of \$14.7 million; and there was an increase of indirect cost recovery from \$32.8 million to \$36.3 million (a net gain of \$3.5 million.) Recent reports on research activity in 1984 tend to suggest that more increases in research projects were achieved this year.

3. The annual yield (interests and dividends) of the endowment fund increased last year from \$9 million to \$23 million (in addition to the capital gain of the fund from \$177 million in 1974 to \$325 million in 1983).

4. The annual donations and gifts increased from \$49.98 million in FY 83 to \$65.77 million in FY 84, a net increase of \$15.79 million.

5. The state appropriations increased from \$23.714 million in FY 84 to \$26.355 million in FY 85, a net increase of 2.651 million.

Obviously the funds needed to restore the faculty salaries can come from many sources, or many different combinations of sources, not to mention economies that may be possible elsewhere.

Progress toward the just objective of restoring the faculty salaries can only be achieved if the Administration is willing to explore all avenues, to refrain from pleading poverty from the outset, and to sit down with the leadership of the Senate, including the SCSF, and the leadership of the Trustees to modify jointly whatever tacit agreements and conventions prevent the Administration from restoring faculty salaries.

Any reasonable discussant would recognize that ten years of sacrifice is enough from any group. The faculty of this University contributes to the welfare and greatness of the University through their prominence in scholarship, creativity in writing, ingenuity in research, and inspiring teaching. Squeezing the economic welfare of the faculty in order to leave a bit more net income for the University produces the reverse of benefits for the University by making the family life of the faculty much more unhappy and their own personal lives full of bitterness and anger. It is clearly time for initiative toward a major corrective step that will demonstrate the concern of the Administration and Trustees for the welfare of the faculty and will match the 12.5% corrective increase granted to the faculty in 1980-81 (for 1981-82) during the tenure of Dr. Girifalco as the Acting Provost of Penn.

— Anthony R. Tomazinis, Professor of
City & Regional Planning
Chair Elect, Faculty Senate

SPEAKING OUT welcomes the contributions of readers. *Almanac's* normal Tuesday deadlines for unsolicited material is extended to THURSDAY noon for short, timely letters on University issues. Advance notice of intent to submit is always appreciated.—Ed.

CONFERENCE

22 *Present Concepts in Obstetrics and Gynecology*; Dr. Celso-Ramon Garcia, School of Medicine; 8 a.m.-5 p.m., Dunlop Auditorium, Med. Ed. (School of Medicine). Through October 26.

FILMS

Films for the Family

Free admission for films recommended for children ages five and under, shown at the Harrison Auditorium, University Museum.

20 *The Canterville Ghost*: A comic fantasy in which a 17th century ghost is doomed to haunt a castle until a descendant's heroic act sets him free; 10:30 a.m.

Asian American Film Festival

Films shown at International House. Admission: \$3 (\$2.50 for members, students and senior citizens), except the October 19 matinee \$1. Workshop preregistration is required; cost is \$7.50 (\$5 for members) and includes October 19 evening showing of the films. Information: 387-5125, Ext. 222.

17 *Nisei Soldier: Standard Bearer for an Exiled People*: story of 2nd generation American-born Japanese in the 442nd Regiment who became among the most highly decorated fighting units in U.S. history during WWII; *East to West*: 2 Chinese visitors, a writer and an actress, travel across the U.S. to find out what makes America tick; 7:30 p.m.

18 *Tongpan: Son of Isan*: Thai film on the experiences of a poverty-stricken farmer from the Northeastern region of Thailand; *The Only Language She Knows*: mother/daughter relationships and the conflicts between 1st and 2nd generation Chinese-American women; 7:30 p.m.

19 *Afterbirth*: experiences of Asian Americans as they question their cultural identities; *Community Plot*: urban satire about New York City life and apartment tenants who join together when a social worker is found dead in their building; *Kind of Yellow*: drama of an American college student and his relationships with Asian American women; 4 p.m.

The Departure: young daughter of a Japanese American family is affected by the reality of the Depression; *First Look*: first visit to U.S. by Cuban artists in 20 years; 7:30 p.m.

20 "Cultural Transformations": film workshop at 1 p.m. with Indian filmmaker Kavery Dutta; *Rickshaw Boy*: based on classic novel that takes place in the 1930's; 8 p.m.

21 *Mississippi Triangle*: history and contemporary life of the Chinese in the Mississippi Delta; 7:30 p.m.

SPECIAL EVENTS

17 *Annual Reception for International Students and Scholars*: 5-7 p.m., Chinese Rotunda, University Museum (Consular Corps of Philadelphia, International Classroom Program, the Office of International Programs).

20 *Fall Foliage Weekend at the Morris Arboretum*, 10 a.m.-4 p.m., through October 21: guided tours of fall color, hayrides, autumn craft activities for children, visits to Tropical Fernery, new self-guided tour "Autumn at the Morris Arboretum." The *Lewis Brothers* will perform a blue grass concert on Sunday, October 21, from 2-4 p.m., co-sponsored by WXPB,

Child Care

The Parent Infant Center, located at 4205 Spruce Street, is now accepting applications for three new classes for children three months through two and a half years. Parents interested in learning more about enrollment should call Ext. 4180 or 4181.

Child Care Systems, a computerized information and referral service designed to provide information about child care alternatives to Penn working parents, is offering a series of free seminars to help with the stresses of being a working parent: Send Help I'm a Parent, How Can I Leave My Baby With a Stranger, and How to be a Fantastic Single Parent



Without Dying Young. Each is a two-hour evening session that will be held in major cities in the tri-state area. For complete information call this toll free number: 1-800-345-6144. Information and

registration materials can be picked up at several on-campus locations: 116 Franklin Building, 116 College Hall, 119 Houston Hall, 156 Mezz/School of Medicine, and 3732 Locust Walk.

Recreation Classes

Children's Saturday morning recreation classes in fencing, swimming and gymnastics start on October 27. The deadline for registration is October 24; applications are taken on a first-come first-served basis at the Gimbel Gymnasium office weekdays between 11 a.m. and 4:30 p.m. For more information call Dorothy Townsley, Ext. 6102.

88.9 FM. Admission: \$2; \$1 for children from 7-14 years, senior citizens, and students.

The 3rd Semi-Annual Great Bike Auction begins at 10 a.m. in Highrise North plaza; sponsored by the Department of Public Safety. Bikes may be inspected beginning at 9:30 a.m. Checks with ID or cash accepted. Information: Ext. 4485.

TALKS

16 *Studies on Lung Development in the Preterm*; Dr. Thomas H. Shaffer, department of physiology, Temple University School of Medicine; 12:30 p.m., Physiology Library, Richards Building (Department of Physiology).

17 *A Radioactive 2DG Study of the Rat Maion Olfactory Bulb*; Graham Bell, CSIRO Division of Food Research, North Ryde, New South Wales; 11 a.m., Seminar Room, Monell Chemical Senses Center (Monell Chemical Senses Center: Visitors Seminar Series).

Conversations: Rhonda Zwilling; 7 p.m., Institute of Contemporary Art (ICA).

18 *Influence of Sociological Theories on Ideology of the Young Turks*; Aysegul Baykan, graduate student, University of Pittsburgh; 1 p.m., 8th floor lounge, Williams Hall (Middle East Center).

Aging: Traditional Values in Modern China?; Joan Bonner Conway, director, department of social work, HUP; Nancy B. Ellis, associate director for education, Center for the Study of Aging; 3:30-5 p.m., Room 111, Nursing Education Building (Center for the Study of Aging).

Cholecystokinin Potentiates Dopamine-Mediated Behaviors at a Site of Co-existence; Dr. Jacqueline N. Crawley, chief, unit on behavioral neuropharmacology, clinical neuroscience branch, National Institute of Mental Health; 4 p.m., Seminar Rooms 100-101, Mezzanine, Medical Laboratories Building (Department of Pharmacology, Neuropsychopharmacology Colloquium).

Role of (Na⁺ + K⁺ + 2Cl⁻)-Co-transport in Volume Regulation as Studied for Ehrlich Cell; Dr. Peter Geck, department of biological chemistry, Johann Wolfgang Goethe-Universität, Germany; 4 p.m., Room 410, Richards Building (Department of Physiology).

19 *Soviet Naval Technology*; Arthur D. Baker III, staff of Secretary of the Navy, Office of Program Appraisal; 11 a.m.-12:30 p.m., Sheraton University City (Foreign Policy Research Institute, Science Center).

22 *A Histochemical Pathway to a Neurotrophic Factor*; Dr. George B. Koelle, professor of pharma-

cology; noon, Seminar Rooms 100-101, Medical Laboratories (Department of Pharmacology).

War and Peace in the Mideast: An Update; Arnold Raphael, principal deputy assistant secretary of state, Near East and South Asian Affairs; 2:45-4 p.m., Faculty Club (Foreign Policy Research Institute, Science Center).

23 *Success and Failure of the Cardinolid-Based Chemical Defense of the Monarch Butterfly*; Lincoln P. Brower, University of Florida, Gainesville; 11 a.m., Seminar Room, Monell Chemical Senses Center (Monell Chemical Senses Center: Visitors Seminar Series).

The Role of the United Nations in Palestinian Developments 1947-49; Dr. Amitzur Ilan, Hebrew University; noon, Middle East Research Institute (Middle East Research Institute).

Some Characteristics of Hyperoxia-Adopted Tissue Culture Cells; Dr. Hans Joenje, Antropogenetisch Instituut, Vrije Universiteit, Amsterdam; 12:30 p.m., Physiology Library, Richards Building (Department of Physiology).

Alzheimer's Dementia: Involvement of Cortical Cholinergic Pathways; Dr. Joseph T. Coyle, professor of psychiatry, neuroscience, pharmacology and pediatrics, Johns Hopkins University School of Medicine; 3:30-5 p.m., Medical Alumni Hall, Maloney Building (Departments of Neurology and Psychiatry).

Deadline

The weekly update deadline for calendar entries is at noon on Tuesday, a week before the date of publication. The deadline for the December pullout calendar is Tuesday, November 6, at noon. The address is 3601 Locust Walk | C8 (second floor of the CA).

Almanac

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