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Volume 38 Number 26 Almanac photo by M.F .Miller

Commencement 1992

S. Africa's Justice Mahomed Justice Ismail Mahomed, the first Black to be appointed to the Supreme Court of South Africa, will deliver the Commencement Address and receive an honorary degree at the University of Pennsylvania's 236th Commencement on Monday, May 18, at 10:15 a.m. on Franklin Field. Eight other honorary degrees, and some 5,000 degrees in course for undergraduate, graduate and professional students will be awarded that day.

Speaking at Baccalaureate the day before (4 p.m. in Irvine Auditorium) will be Jon Huntsman, Wh '59, a PennTrustee and Wharton Overseer. Mr. Huntsman is a businessman/ industrialist who has held the federal posts of associate administrator of HEW and staff secretary and special assistant to the President of the United States under Richard Nixon. He founded the Wharton School's Huntsman Center for Global Competition and Leadership in 1989.

Justice Mahomed, a leading litigator of civil, political and criminal cases that challenged apartheid, holds appointments as President of the Lesotho Court of Appeals and as Justice of the Supreme Court of Namibia as well as on the Supreme Court of South Africa. In 1991 he became co-chair of the Convention for a Democratic South Africa (CODESA), an organization that is developing the principles and language for a new South African Constitution.

The eight other recipients of honorary degrees will be Candice Bergen, the awardwinning actress and former Penn student who is this year's Ivy Day speaker; Rupert Billingham, a founder of the field of immunology and former chair of PennMed's medical genetics department; the Nobel physicist Arno A. Penzias; C. F. Koo, an international business leader and statesman based in Taiwan; James P. Comer, professor of child psychiatry at Yale and a leading advocate of educational reform; John R. Casani, Moore '55, director of NASA's Office of Flight Projects and designer of several major space probes; Natalie Zemon Davis, historian and author of The Return of Martin Guerre; and K. Jon Barwise, an expert in the interrelationship of cognitive science, philosophy and computer science.

'Disinfectant' for Mac Virus

A new virus which affects the Macintosh computer has been discovered: INIT 1984, which damages Mac files by renaming and/or deleting them. The extent of the virus is currently unknown, but it has been reported in both the U.S. and Europe. A new version of the University's supported anti-viral software, Disinfectant (version 2.7), is available at the Computing Resource Center: bring a blank disk to the CRC, Locust Walk opposite the Book Store, Monday through Friday, 9 a.m.-4 p.m.

-Caroline Ferguson, CRC



Turnover of Senate Chairs: At SEC's April 29 meeting, Dr. Louise Shoemaker (left) becomes Past Chair; Dr. David K. Hildebrand (center) takes office as 1992-93 Chair of the Faculty Senate and Council Steering Committee; and Dr. Gerald Porter (right) joins the triumvirate as Chair-Elect. Other new officers are listed on page 2.

Budgeting for the Worst Case: \$41.5 Million Short

In consecutive meetings last week, President Sheldon Hackney summed up Penn's approach to budgeting in the face of Governor Robert Casey's proposal to eliminate all state aid to private universities.

To construct a plan that will both "protect the academic core" and "protect the people of Penn to the greatest degree possible," Dr. Hackney and Provost Michael Aiken will propose to the Trustees a deficit budget for 1993 to account for nearly half the immediate problem. In addition, they outlined at the March 19 budget briefing for faculty and staff a set of measures similar to those proposed last year when the Commonwealth appropriation was threatened : selective delays in capital projects; and suspending or slowing down the growth of central funds the Provost distributes each year.

Dr. Hackney's remarks at the briefing, which appear in full on page 3 of this issue, give an overview of the approach. An Almanac supplement on the budget will be published next week, giving specific cost-containment measures outlined by Provost Michael Aiken and figures from the Executive Director of Resource Planning and Budget, Stephen Golding.

Protected for Now: Among the items announced for protection in the scaled-back budget for 1993 are several items planned before the Governor's message came through. Among them are

- safety and security expenses;
- FY1993 faculty/staff salary increases;
- financial aid commitments made for the incoming Class of 1996; and

containing the increase in tuition. The Trustees backed the Administration's approach Friday by voting an increase in tuition and fees at the planned figure of 5.9%, part of a long-term commitment to "decrease the rate of increase." Later in the year, Trustees will be asked to approve a budget that is predicated on running a deficit of \$19.5 million.

In the Q & A period Thursday, topics included the future of Veterinary Medicine; the prognosis for the proposed Revlon Center; and the advisability of keeping increases low when raising them could legitimately fund educational improvements.

On the Vet School, Dr. Hackney said that if the General Assembly does not restore School funding, the closing of the School is one option-but there are others. One of these could be to try to frame a quasi-state relation for Veterinary Medicine alone, based on its uniqueness and its importance to the Commonwealth's agricultural sector. (The School is one of only 27 in the nation, and is ranked number one in merit ratings. The model for a quasi-state relationship of one school in a private university is in place at Cornell-Ed.)

Dr. Hackney said the Revlon Center is not yet at a stage to be affected by the proposed freeze on construction. Architectural plans will be completed in perhaps a year. Then, as with other buildings, the Trustees require a financing plan and it is at that stage the project would be evaluated for go-ahead or delay.

To the question of raising tuition in order to continue educational investment, Dr. Hackney responded that keeping tuition down for students was, like raises for faculty and staff, part of the goal to protect people at Penn.

Faculty Senate Chair Louise Shoemaker and others congratulated the President and Provost on committing to salary increases up front rather than making them contingent on the Commonwealth's uncertain funding.

Discussion of an Ad Hoc Committee Report

On Recommendations to Change University Council

The agenda of the April 1, 1992, meeting of the Senate Executive Committee (SEC) includes a discussion of the organization of the University Council. Professor Louise Shoe-maker, Chair of the Faculty Senate, appointed an ad hoc committee to introduce the topic and to suggest recommendations that SEC might make to improve the effectiveness of the University Council. The SEC committee is composed of Almarin Phillips, Henry Teune and Anthony R. Tomazinis.

The Statutes of the University state that "there shall be a University Council, composed of representatives of the faculty, the student body, the University administration, and the administrative staff." The Statutes also provide that "University Council shall adopt rules governing its organization and procedures." Any recommendations made by SEC would go first to the full Faculty Senate for consideration at its April 15 Plenary Meeting. If recommendations for changes are adopted by the Faculty Senate, they would be presented to the Steering Committee of the University Council and eventually to the presently constituted Council for action.

The Faculty Senate has been concerned about the organization and procedures of the University Council for several years. Many members of the Senate feel that the current organizational arrangements require an inordinate amount of time and other resources even though they recognize that the Council is an important part of the total University governance structure. The committee appointed by Professor Shoemaker is to make suggestions intended to improve the operations of the University Council. Nonetheless, the committee was established in the context of a motion requiring SEC to consider whether the Faculty Senate should continue participation in Council.

In its initial report to the March 4th meeting of SEC, the committee presented a number of possible changes in the Bylaws of the University Council. The proposed changes, if adopted, would make the Steering Committee of University Council into a deliberative rather than an agenda-setting body. The Steering Committee would continue its schedule of monthly meetings. The composition of Steering would be altered only by adding as members the chairs of the A-1 Assembly, the A-3 Assembly, and the Librarians Assembly and two members of the faculty. Each constituency—undergraduate students, graduate and professional students, faculty, and staff groups—would elect its own representatives to Steering. The president, the provost, and the chair, chair-elect, and past chair of the Faculty Senate would continue as members. Pursuant to the Statutes of the University, the Steering Committee would "consider substantive aspects of the activities of the University in all of its phases" and "make recommendations or otherwise advise the president, the provost, and other officers of the University."

The present rules of the University Council call for the election by the respective constituencies of members of Council. Council is composed of forty-five members of SEC, eleven administrative officers, ten undergraduate students, fifteen graduate and professional students, one full-time lecturer or instructor, one full-time member of the research faculty, one member of the A-1 Assembly, one member of the Librarians Assembly and one member of the A-3 Assembly. Deans and other administrators may attend Council meetings as observers. The president is the presiding officer and shall appoint a moderator to conduct the meetings. The Council meets monthly, following an agenda set by the Steering Committee.

An alternative to be considered by SEC would eliminate the election of Council members. The University Council would be composed of "all faculty, administrative officers, students, and staff of the University of Pennsylvania." Plenary sessions of Council would be held once a term, with provisions for other special meetings if requested by the president, the provost, the chair of the Faculty Senate, by a resolution of SEC, the Undergraduate Assembly, the Graduate and Professional Student Assembly or by petition of any 200 persons in the University community.

Recommendations concerning the structure of Council committees are not included in the changes under consideration by SEC. Rather, it is recommended the Steering Committee study existing Council committees, the procedures used in setting up these committees, the procedures used in setting up these committees, and make whatever changes it may deem advisable. One such change might be to eliminate the present Committee on Committees in favor of a more democratic process with Council committees composed of members selected directly by the respective constituencies.

Professors Phillips, Teune and Tomazinis are in no sense advocating the specific changes outlined in their report to SEC. They are unanimous in their view that some effective changes are needed, however. The Faculty Senate is dissatisfied with the present arrangements. Council now requires far too much of the time and resources of the president, the provost, the office of the secretary of the University and the office and officers of the Faculty Senate. Attendance at meetings of Council is unrewarding to many faculty members and, indeed, to members from other constituencies as well. While Council activities are often of great importance to the whole of University governance, they are not now carried out in effective ways. Phillips, Teune, Tomazinis and other members of SEC welcome suggestions by others for improving the organization and procedures of the University Council.

- Almarin Phillips, for the Ad Hoc Committee

— From the Senate Office -

Officers Elected for 1992-93

No additional nominations were received by the deadline and therefore the Senate Nominating Committee's slate of nominees is hereby declared elected. Effective *April 29* the Faculty Senate Officers for the coming year will be:

Chair: David K. Hildebrand (statistics) Past Chair: Louise P. Shoemaker (social work) Chair-elect: Gerald J. Porter (mathematics) Secretary: Peter Dodson (anatomy/veterinary) Past Secretary: Susan Watkins (sociology) Secretary-elect: Dawn A. Bonnell (materials science & engineering)

Newly elected as at-large members of the Senate Executive Committee for 3-year terms are: David DeLaura (English) Francis E. Johnston (anthropology) Ellen Kennedy (political science) Peter J. Kuriloff (education)

Newly elected as an assistant professor member of the Senate Executive Committee for a 2-year term is:

Thomas Sugrue (history)

Newly elected to the Senate Committee on Academic Freedom and Responsibility for 3-year terms are:

Michael Cohen (physics) Carolyn Marvin (communication) Jack Nagel (political science)

Newly elected to the Senate Committee on Conduct for 2-year terms are:

Marilyn E. Hess (pharmacology) Michael B. Katz (history)

Gary A. Tomlinson (music)

Newly elected to the Senate Committee on the Economic Status of the Faculty for 3-year terms are:

Samuel Z. Klausner (sociology) Matthew S. Santirocco (classical studies)

The terms of the new Faculty Senate Officers and the newly elected members of the Senate Executive Committee begin with the taking up of new business at the Senate Executive Committee meeting scheduled for *April 29, 1992*. The terms of the newly elected members of the Committees on Academic Freedom and Responsibility, Conduct, and Economic Status of the Faculty begin on *May I*. Full committee memberships will be published this fall in *Almanac*, or please contact Faculty Senate Executive Assistant Carolyn Burdon, 15 College Hall/6303, Ext. 8-6943.

Senate/Council Calendar, Now to June:

March 25	Steering Committee
April 1	SEC
April 8	Council
April 15	Faculty Senate Plenary, 3-5:30
	p.m., 200 College Hall
April 22	Steering Committee
April 29	SEC (turnover of officers)
May 6	Council
May 13	Steering Committee
June 3	SEC

- From the Budget Briefing March 19, 1992

If the Commonwealth Cuts Penn: FY1993 and Beyond by Sheldon Hackney

The Governor did not treat Penn well in the budget he submitted to the Legislature last month. This year he not only recommended a cut of 100% in our appropriation from the Commonwealth, but he stated it as a matter of principle rather than simply as a cost cutting measure. We will make our case forcefully to the Legislature, of course, as we did last year, and we will call upon our friends across the Commonwealth to help us. While we may hope that in the end the Commonwealth will choose wiser public policy than has been recommended by the Governor, we must build our 1992-93 budget under the assumption that the funds are not forthcoming.

Last year state funds were appropriated to the University in the following way:

University General Instruction	16.633 million \$37.628 million
School of Veterinary Medicine	15.332 million
School of Medicine	4.596 million
School of Dental Medicine	\$ 1.067 million
6 5	

This year the Governor eliminated all these funds and our supplemental request for \$3.6 million and cut General Assistance payments to dental clinics, representing an additional loss of \$400,000 to the Dental School.

We furthermore face a much more difficult set of circumstances this year than last in our efforts to have our Commonwealth appropriation restored-at least 50% more difficult. This is an election year and the pressure in Harrisburg is to roll back last year's tax increase, not seek new revenues. With Medicaid increases, welfare payments and public education all attracting more attention, building the FY 1993 budget for Penn will not be easy.

We must, therefore, plan for the future not on the basis of hope but of grim reality. We must construct our budgets for FY 1993 in the anticipation of the loss of state funds. Furthermore, it would be shortsighted and a great mistake to balance Penn's budget by simply lowering salaries and raising tuition, so we will try to protect those categories to the greatest extent possible, looking elsewhere to capture budget savings.

Four Guiding Principles

We must develop a strategy that demonstrates our ability to manage the loss of these funds. Penn's approach must be reasoned and balanced, based on a set of principles:

First, we must protect the academic core of the University from the perturbations in state funding in this uncertain economy. Though we will be living in reduced circumstances, we must work to maintain our capacity to make essential investments in programs and facilities.

Second, we must protect the people of Penn to the greatest degree possible. To the extent that budget reductions imply a smaller work force, we should use normal attrition to achieve the shrinkage, and resort to lay offs only in extremis.

Third, we need to be exceedingly careful not to do long term damage to Penn and its standing among the world's great universities in order to meet short term goals. We need to develop a strategy that may take three to four years to accomplish this.

Fourth, beyond our budget plan for FY 1993, we need to accelerate efforts at the University, both at the Center and in the Schools, to re-engineer our operations to take costs out of our budgets in ways that will not affect our central mission.

Five Steps in a Long-Term Strategy

With these principles to guide us, and after consultation with many individuals and groups, we have developed the following long term strategy if Penn is unsuccessful in having its Commonwealth funding restored:

First, we will cut at least 600 positions-academic and non-academic, faculty and staff-beginning immediately and completing the reduction in 1995. This will be achieved predominantly through a combination of attrition, reassignment and retirement, all directly related to cuts in programs and services. We will carry out these actions with care, recognizing that our greatest resource is the people of Penn.

Second, we will postpone and reevaluate all non-critical capital projects-both new construction and renovations-planned but not yet underway. Because of the importance of the Institute for Advanced Science and Technology (IAST), the Biomedical Research Building I (BRB-1) and the Law Library to Penn's academic mission and the pressing need to continue the renovation of College and Logan Halls, these projects will go forward. However, at the minimum, over the next three years we will have to defer \$35 to \$40 million in anticipated construction due to the threatened loss of our appropriation.

Third, while we will honor our commitments for financial aid to the class of 1996, without our Commonwealth appropriation which included a \$4.0 million allocation for financial aid, Penn will have to consider alternative approaches to meeting the financial aid needs of our student body in the future.

Fourth, we will not recommend that we budget a larger tuition increase than originally planned for the 1992-93 academic year. Without the Commonwealth appropriation in subsequent years, however, we may have to revisit our tuition increases to ensure that we can support the quality and level of program that a Penn education requires. Raising tuition even more than we had planned would not be a decision to make lightly, but this is the choice we may have to make in the coming years.

Fifth, we will recommend to the Trustee's Executive and Budget and Finance Committees that they again permit us to budget a deficit for FY 1993 that will incorporate the entire School of Veterinary Medicine's requested Commonwealth appropriation of \$16.5 million and \$3.0 million of Commonwealth funding that supported student financial aid. If the Vet School funds are not restored we may have no alternative but to close the School, for without Commonwealth support, it will be able to sustain neither the academic standards that have made it a premier institution nor the quality of service its clients have come to expect.

Specifics for FY1993

This is the long term strategy Penn needs to follow if we are to survive the Governor's threat without creating a wrenching crisis within the University. For FY 1993 this strategy requires:

1. The Schools of Dental Medicine and Medicine will be asked to absorb their full line item cuts either through expenditure reductions, use of restricted resources, or increases in service fees to ensure balanced FY 1993 school budgets. This will recognize \$5.663 million of the lost funding.

2. The magnitude of the cut facing the School of Veterinary Medicine-43% of their operating budget-requires that the school budget of deficit of its full appropriation request (absent new programs) of \$16.5 million.

3. The \$17.7 million request for the University's General Instruction line will be handled much in the same way it was last year. We will cut central administrative costs by \$4.5 million and use one time funds to provide a transitional period while we shrink further. The Provost will eliminate programs and reallocate central University funds totaling almost \$8.0 million. The schools will be asked to initiate a three-year program of restructuring to achieve cuts totaling \$1 million annually in their spending plans. The remaining \$3.0 million we will budget as a deficit for FY 1993, but will work to absorb it over the coming year.

This strategy will work real hardship at the Center. It diminishes our flexibility, especially for the Provost,* to a point where there will be few reserves to meet new problems that may befall a school or center in the coming 3-4 years.

I am confident that we can manage our way through the crisis imposed on us by Harrisburg. Last year, in the face of Governor Casey's threat, we began an irreversible process of re-engineering the University, taking more than \$4 million out of the central administration. We propose to continue that process in a rational, balanced way that protects the core of the University, keeps it out of the nation's front pages as an institution in crisis, weans us of our dependence on the Commonwealth over 3-4 years, demonstrates to the Legislature that we will be a smaller economic multiplier if the Governor has his way, and in the end, after some hard choices, makes Penn a stronger University. The price will be substantial, but there is no alternative if Penn is to remain an institution of the first rank.

Dr. Aiken's detailed remarks are scheduled for publication next week along with tables and figures presented by Stephen Golding, Executive Director of Resource Planning and Budget. - Ed.

Speaking Out

An Electronic 'Open Door'

I have become increasingly aware of feelings on the part of some members of our community that they do not have direct access to myself or others in the administration who can address problems or act on constructive suggestions. The Undergraduate Assembly's recent resolution asking that I create some new channel of direct communication (and I believe that office hours was only one suggestion) reinforced my own desire to do something along these lines.

Unfortunately, trying to add open office hours to an already crowded schedule would give only a very limited — and likely misrepresentative — number of individuals personal access to the President. I would prefer to give that access to as many members of the University community as possible. I am therefore announcing the establishment on a trial basis of a new electronic "suggestion box" in my office. All University electronic mail users will be able to reach me through a special electronic mailbox to be called "The PresBox." The e-mail address will be

HACKNEY@ADMIN.UPENN.EDU. To ensure anonymity, the name of the sender and the return mail address normally contained in the message header will be automatically deleted. Those who wish to identify themselves should therefore put their names into the body of the message. My hope is that the Pres-Box-which is available now and will be publicized in campus media during the coming weeks-will allow faculty, staff, and students to tell me what they think about the University and to share with me their personal observations on Penn's problems, successes and future directions.

As electronic mail becomes widely available to students, faculty, and staff during the months ahead, either through their own computers or public access sites that are now being created around campus, I hope that the PresBox will evolve into an open dialogue with the entire campus community.

- Sheldon Hackney, President

Wanted: Books in Dutch

Dutch books are needed to fill Van Pelt Library's Dutch book section located on the third floor.

All books are welcome, but books of modern Dutch literature or Dutch literature in English translation are really in need.

Please send or bring the books to: Dutch Studies, University of Pennsylvania, c/o Erwin Himpens, 750 Williams Hall, Phila., PA 19104-6305, or call me at Ext 8-7331.

– Erwin Himpens, Visiting Lecturer, Dutch Studies

Two Petitions re Dr. Plotnitsky

The following petition was given to SAS Dean Rosemary Stevens on March 6 with the signatures of 60 graduate students from various departments. It was transmitted on their behalf by Nick Miller as president of the Comparative Literature Association of Students.

We the undersigned graduate students, representatives of various departments at the University of Pennsylvania, were shocked and dismayed to learn that you have received from the Personnel Committee a recommendation that tenure be denied to Professor Arkady Plotnitsky. We write to reiterate to you our strongest possible support of Professor Plotnitsky, and to request that you consider the serious-but, in this case, imperative-measure of overriding the committee's recommendation. It is our conviction that Professor Plotnitsky has been invaluable to our intellectual development, and we believe that his loss would continue to be felt acutely for years to come.

Many of us expressed in previous letters of support for Professor Plotnitsky our admiration for him as a superlative teacher. His rigor and seriousness in the classroom are impressive, and the demands he places on his students consistently result in genuine intellectual growth. What has perhaps not yet been sufficiently stressed is how very important Professor Plotnitsky's presence is to the individual scholarly endeavors of many of us.

Professor Plotnitsky, as a specialist in literary theory, in effect provides a crucial nexus in a complex configuration of interdisciplinary, interdepartmental relations. His introductory course in the history of literary criticism and theory, cross-listed in English, Romance Languages and Comparative Literature, is invaluable to students in those graduate groups. This course, which combines rigor and imagination, has consistently provided us with an historical and conceptual groundwork in critical theory — the "big picture" which forms the essential basis for further work in more specialized fields.

Having published on Hegel, Nietzsche. Kant, and English Romanticism, as well as on more contemporary figures, Professor Plotnitsky is on the cutting edge of his field and at the same time extraordinarily well grounded in traditional philosophy and literary theory. This unusual convergence of broad background and innovative thinking, in combination with Professor Plotnitsky's personal generosity and extraordinary insightfulness, has meant that we students have been able consistently to rely upon his guidance as we wrote articles and prepared bibliographies. He has served on innumerable examination and dissertation committees, and those of us who were planning to invite him to direct our dissertations would feel his loss particularly acutely. His presence, we believe, is essential to our success in producing work of our own that is scrupulously rigorous and yet innovative, as we strive to establish ourselves within the profession.

Arkady Plotnitsky has directly and significantly enhanced the intellectual lives of his students and colleagues and, at a more general level, he has enriched the sense of interdisciplinary community and discursive pluralism which we so value at this institution. His departure would be an incommensurable loss.

The Personnel Committee's recommendation is misguided. We therefore respectfully urge you to weigh all the concerns we have outlined as you consider Professor Plotnitsky's case.

The following petition was also given to Dean Stevens, with the signatures of 16 graduate students in the Department of English. It was transmitted to Almanac by one of the 16, David Herman.

We, the undersigned, are graduate students in the Department of English at the University of Pennsylvania and wish to protest the recommendation that has been handed to you by the Personnel Committee concerning Dr. Arkady Plotnitsky's bid for tenure. Although the Committee has recommended against Dr. Plotnitsky's being granted tenure, we believe that Dr. Plotnitsky possesses a wealth of knowledge that makes him a crucial member of our Department-a scholar, teacher, questioner, advisor, disputant, reader and examiner that we can but ill afford to lose. Dr. Plotnitsky's wide-ranging expertise in intellectual history, philosophy, literary criticism and literary theory-together with his thorough grounding in British Romanticism and the larger tradition of German philosophy (Kant and Hegel), and his ability to synthesize that tradition with twentieth-century developments in European, Slavic and Anglo-American philosophy, linguistics and literary theory, give him a unique perspective not only on the British Romantics but also on the study of literature in general. Furthermore, Dr. Plotnitsky's ability to communicate his knowledge and critical acumen is demonstrated by the number of graduate students who seek out Dr. Plotnitsky for guidance on field examinations, for advice on dissertations and, more generally, for a learned opinion on the most diverse topics and concerns imaginable. Our signatures attest to our belief that, if Dr. Plotnitsky is not in fact granted tenure, both the Department of English and Penn's entire intellectual community will be denied an invaluable resource and a brilliant colleague no one can replace.

Ed Note: Dean Stevens' Office indicated that she would not exercise her right-of-reply to the above petitions in this week's issue. - K.C.G.

FOR COMMENT

To help guide the University's internationalization efforts, the Provost's Council on International Programs has developed the following mission statement and guidelines and solicits your reactions to them. All comments should be directed to the Provost's Office, 102 College Hall/6303 by April 15.

International Mission Statement of the University of Pennsylvania

a. Statement of International Mission

The University of Pennsylvania affirms its international commitment — in its people, its pursuits, and its programs. It seeks three main goals: The preparation of its students and faculty to be members of a more cohesive world; the generation of knowledge on a more global orientation; and provision of its academic resources, to the extent feasible, to nations and to institutions involved in international activities. Recognizing that it both gives and receives resources through its international activities, the University seeks to achieve and to maintain a role of leadership in the international sphere. To this end, it will strengthen the already substantial international nature of:

- its *people*, by preparing them for increasing global interdependence, utilizing the great diversity of the University community for that purpose, at all times respecting the diversity, integrity, and equality of cultures and nations;
- **o** its *pursuits*, by developing the international aspects of the University's primary missions of creating and disseminating knowledge;
- its *programs*, by establishing the links and affiliations which will ensure that the University's research and instructional capability will benefit communities beyond the borders of the United States while also extending the University's influence in international affairs to local, regional, and national organizations and institutions within the United States.

As part of the University's five-year planning process, a Working Group on the International Dimension was established in the fall of 1988 to define a blueprint for coordinating and facilitating international programs at Penn. Their recommendations formed the basis for a number of goals put forth in the Five Year Plan for the University that was published in *Almanac* in January of 1990. Chief among them was the establishment of a Provost's Council on International Programs that would help the University take greater advantage of its substantial investments in international programs.

The Council was formed on October 1, 1990. Current members are: Peter Berthold, Dental Medicine; Eric Borguet, graduate student; George Gerbner, Annenberg; Gia Daniller, undergraduate; Nancy Hornberger, Education; Charles Mooney, Law; Stephen Nichols, Arts and Sciences; Vivian Seltzer, Social Work; Gerhard Schad, Veterinary Medicine; Patrick Storey, Medicine; Marco Frascari, Fine Arts; Joyce Thompson, Nursing; Jan Van der Spiegel, Engineering; and Jerry Wind, Wharton. I chair the Council and Joyce Randolph, Director of International Programs, staffs it. The Council has assisted me in coordinating programs, exchanges and other international initiatives that would benefit from University-level involvement and has advised me on a range of issues including the activities and programs of the Office of International Programs, inter-school and intraschool efforts in the study of foreign language, and the need for support for existing and emergent programs with an international focus,

b. Guidelines for Implementing the Mission:

The Provost should provide the oversight and appropriate policy recommendations for development of a University-wide approach. The speed of economic, political, and communications change in the world makes it essential that the University adopt a coherent strategy to meet its international mission. Strategies toward attaining its goals should include:

- reinforcing the international character and sensitivity of the University's people by recruiting and supporting faculty and staff with international expertise, and encouraging and valuing the presence of nationally and culturally diverse students and scholars on campus;
- deepening and expanding the University's international *pursuits*, by
 promoting foreign language study across the University,
 - internationalizing the curricula,
 - increasing the libraries' international holdings,
 - encouraging inter-school and inter-departmental collaboration on international projects and programs, and
 - supporting internationally-focused and international area studies, centers, and programs;
- amplifying the range and diversity of the University's international *programs*, by
 - establishing inter-institutional linkages,
 - providing multidisciplinary assistance in the development of educational programs and professional service programs in developing nations, through such inter-institutional linkages,
 - developing faculty and student exchange programs.

particularly those involving an international cooperative network of major research universities.

The Council also assisted Rick Nahm and me in preparing a 124page Factbook about International Programs that was drafted at the request of former Wharton Dean Russell Palmer, now a University Trustee and Chair of the Trustees' Committee on Internationalization. This committee has been charged to increase significantly Penn's visibility and recognition as an international institution of higher education and research and is looking at such issues as alumni, corporate and foundation contacts and their fundraising potential, and representation of international constituencies on Penn's Board of Trustees and Boards of Overseers.

The Factbook is divided into three parts. Part A describes our international activities; Part B profiles Penn's international alumni; and Part C describes our potential for international development activities. The two sections excerpted below are from Part A, which also includes seven other sections: (2) Academic and Administrative Structures in Support of International Programs; (3) International Students and Visiting Scholars; (4) Foreign Language Study at Penn; (6) Study Abroad Activities; (7) Institutional Linkages and Exchanges; and (9) International Holdings of the University's Library System.

If you wish to receive a copy of the Factbook, please contact my office in 102 College Hall.

- Michael Aiken, Provost

(5) Area Studies at the University of Pennsylvania

"Area studies" are degree or other educational programs that promote the interdisciplinary study and understanding of a particular area of the world. Such studies provide both formal and informal educational opportunities for students to learn the languages of these areas as well as to develop an understanding of their economic, political, cultural, and social characteristics. Penn has eight area studies programs, five of which—East Asia, International Studies (the Lauder Institute), Middle East, South Asia, and Soviet and East European—receive some funding under Title VI of the Higher Education Act of 1965. (Title VI funding supports programs that offer instruction in "critical languages," i.e., languages that are less commonly-taught but construed as significant to our national interests.) The other three area studies programs—Africa, Latin America, and Western Europe—were more recently established. Area studies programs promote interdepartmental and interschool coordination of coursework and activities related to each area and should offer study and research opportunities that complement and enhance the ongoing academic programs of the University. Each area studies program should have sufficient dedicated funding to enable it to maintain an identifiable location, a director, and support staff; sufficient discretionary funding to offer faculty seminars, specialized courses, language instruction, and visiting speakers; and seed monies to promote new research activities concerning its area of the world.

a. African Studies Committee: Guided by a steering committee of 14 faculty members, the African Studies Committee has three main aims: to enrich the intellectual climate for Africanist faculty and students; to offer comprehensive training for Africanist students at all levels; and

to encourage an African presence on campus. It encourages teaching and research on Africa, conducts a graduate-faculty seminar on special topics such as African Informal Economies, sponsors guest lectures, and maintains a communications network among some 200 Africanists at Penn and in the Delaware Valley, including faculty drawn from 15 departments in four colleges of the University. In the fall of 1991, the Committee sponsored language instruction in Hausa and Swahili in a conventional classroom setting, and the teaching of seven other languages through individualized instruction provided by the Penn Language Center.

b. East Asian Studies Committee: The EastAsian Studies Program focuses on the interdisciplinary study of the cultures and languages of China, Japan, and Korea. Faculty are drawn from Art History, History, History and Sociology of Science, Social Linguistics, Economics, Literature, Political Science, Finance, and Religious Studies. Some of the activities of the Committee include the promotion of languages of this region; coordination of information about the 100 or so language and substantive courses that focus on East Asia; sponsorship of a Buddhist Studies Seminar; and assistance to the Energy Management Program in conducting a summer study program in Zhenghzou, Henan. There are 55 undergraduates in the University majoring in East Asian Studies, 33 of whom are majoring in Japanese studies. Graduate students are supported in part through five graduate fellowships provided by the Title VI program of the U.S. Department of Education.

c. Latin American Cultures Program: The primary goal of the Latin American Cultures Program is to promote the interdisciplinary study and understanding of Latin American cultures. Its activities include a monthly Latin American Cultures Seminar in which the work of faculty, visiting scholars, and advanced graduate students is discussed; the Mesoamerican Tertulia, a small intensive research seminar at which senior scholars discuss their research-in-progress with an interdisciplinary group of Mesoamerican specialists; the sponsorship of symposia as well as several outside speakers each semester; the hosting of scholars who visit for periods ranging from a week to a semester; the development of an undergraduate Latin American Studies minor in the College; and the publication of a newsletter, Chispa, which has a circulation of 500 Latin Americanists in the U.S. and Latin America. In addition, the faculty of the program, together with the Office of International Programs, developed an innovative study-abroad program for undergraduates that sent its first group of undergraduate students to Oaxaca, Mexico, in January, 1992.

d. Middle East Center: The basic purpose of the Middle East Center is to promote the interdisciplinary study of the Middle East at Penn. Its programs include advising students; seeding new courses; organizing seminars, conferences and publications; generating research opportunities and facilities for Penn students and faculty overseas in the Arab nations, Iran, Israel, Turkey and their Islamic neighbors; and bringing visiting scholars to the campus. The resources the Center draws on include 51 standing faculty in 12 departments in the Arts and Sciences and another 4 in the professional schools, 9 lecturers, 17 affiliated scholars, and 4 visiting scholars, as well as the collections and other facilities of the University Museum. The Center has promoted the development of language instruction in the University through the Penn Language Center, with whom it manages intensive language programs for the Eastern Consortium.

e. Center for Soviet and East European Studies: The goal of the Center for Soviet and East European Studies is to promote the interdisciplinary study of what formerly was the Soviet Union and the nations of East Central Europe. The Center links the educational and research activities

(8) International Programs of the University's Twelve Schools

Although the previous sections [3, 4, 5, 6, and 7] have described University-wide international programs and activities, most of these occur within schools. In addition, departments and schools have initiated and sponsored a range of international activities beyond the ones just reported. Some of the more salient of these are described below:

a. Annenberg School for Communication: Much of the research and scholarship in the Annenberg School for Communication is international in scope, and many faculty and students as well as projects have international involvements. The school offers some courses having a specific international content. The Center for International, Health and Development Communication, which is directed by Robert Hornick, has been involved in large scale multi-nation research projects for several years, and George Gerbner is involved in a large-scale comparative study of television content and policy in ten nations. In addition, faculty and staff have informal collaborative arrangements with some 30 universities and other international organizations. [Section 4.d gives details of the Academic Video Network and SCOLA, the 24-hour channel which broadcasts foreign language news.]

of 55 Penn faculty members as well as 50 regional affiliates from neighboring colleges, universities, and research institutes. The Center sponsors a lecture series and three faculty seminars, as well as regular scholarly conferences for national and international audiences. The principal area studies journal, Slavic Review, with 6,000 subscribers in government, business, and academia, is edited at the Center. The Center also conducts a summer language program in Moscow for graduate students of business and Soviet studies and administers an exchange program for the University community with the Soviet Writers' Union.

f. South Asia Regional Studies: The South Asia Regional Studies program focuses on the nations of Pakistan, India, Bangladesh, Nepal, and Sri Lanka, and since 1948 has been organized as both a department and a graduate group in the School of Arts and Sciences. This interdisciplinary program, which brings together over 30 faculty from various parts of the University, offers 13 modern languages and 8 classical languages, some through the department and others through the Penn Language Center. One of its major activities is a weekly South Asia Seminar that is now in its forty-fourth year. To further promote the international experience at Penn, the program also offers a set of highly successful freshmen seminars taught by senior faculty from various departments of the University.

g. Center for West European Studies: The Center for West European Studies promotes the interdisciplinary study of the nations of Western Europe through the co-sponsorship of conferences, symposia and guest speakers. It has co-sponsored 9 major conferences over the past 4 years, with 6 of these resulting in the publication of books based on the papers presented. It also has sponsored a number of smaller symposia, and over the past 4 years has brought to campus more than 100 scholars from other institutions who are experts on various aspects of Western Europe. The Center was chosen by the German Academic Exchange Service (DAAD) to host every other year a faculty seminar similar to the NEH summer seminars. The topics of these seminars have been: "The Weimar Experience Reassessed: Culture, Society, and Politics in Germany 1918-1933"; "The Kaiserreich Recast: Culture, Politics, and Modernity"; and "United Germany in a Changing World." Because of the Center's efforts it was chosen to be one of six institutions to host for a five- year period a DAAD Visiting Professor.

In addition to these seven area programs, there is another dual degree program that functions like an area program:

h. International Studies (the Joseph H. Lauder Institute of Management and International Studies): The Lauder Institute is an intensive twenty-four month, dual-degree program that combines an internationally-oriented M.B.A. from the Wharton School and an M.A. in International Studies from the School of Arts and Sciences. In addition to majoring in a Wharton functional discipline, Lauder students also select a regional and language specialization in East Asia (Mandarin Chinese or Japanese); Western Europe (French or German); Latin America (Spanish or Portuguese); Russia and Eastern Europe (Russian); or the United States (English for non-native speakers). Students in the program spend two summers abroad, attending language and culture programs abroad in the first summer and working on internships abroad during the second summer. In addition to advanced language training, both on campus and abroad, the program provides social science and humanities courses that focus on cultural understanding (one course is taught in a foreign language each semester); an international executive internship; and Executive Decisions Lecture Series and Conferences that feature senior-level practitioners.

b. School of Arts and Sciences: The School of Arts and Sciences (SAS) has long maintained an extensive involvement in a wide array of international programs and activities. The School enrolls the largest component-36 percent of the total-of the University's international students. Some 85 percent of those Penn students who have studied abroad are from SAS and most of the existing Penn-sponsored study abroad programs have been initiated by SAS faculty. The eight area studies programs described in a previous section are dependent to an equal degree on SAS student and faculty involvement. Perhaps most important, the University's resources for foreign language instruction reside in the School of Arts and Sciences, both in the language departments and in the larger faculty engaged in intensive humanities and social-science research overseas. As also noted in a previous section, the Penn Language Center, operating under the aegis of the SAS, has expanded significantly the variety and quality of language instruction at Penn. [Section 4.c. lists nearly 100 languages or language applications now offered.]

The School of Arts and Sciences has embarked on a number of other

continued past insert

initiatives. Through its continuing education division in the College of General Studies, the School has established summer abroad programs in a variety of settings: in the summer of 1990 there were 302 students participating in SAS-sponsored summer abroad programs in the United Kingdom (2 in London); France (Compiegne, Tours, and the Cannes Film Festival); Belgium (Leuven); Germany (Freiburg); Italy (Florence); Ni-geria (Ibadan); Poland (Warsaw); Portugal (Lisbon); Spain (Salamanca); and Taiwan (Taipei). Individual departments in SAS have also initiated a wide variety of formal and informal faculty exchange arrangements with universities abroad, some of which are included in the listings, but many of which are not.

Affirming the University's broadly-gauged commitment to internationalization, the School of Arts and Sciences has in 1991-92 established two major task forces—one on study abroad and the other on area studies. Those task forces have been requested to review the present activity in study abroad and areas studies and to recommend ways in which the School can provide both greater organizational efficiency and additional resources for the University's efforts in these important areas.

c. School of Dental Medicine: The School of Dental Medicine's very active international effort is guided by an Associate Dean for International Relations, Dr. Peter Berthold, who also chairs the School's Committee on International Relations. The School offers international extenships for its senior students through agreements with selected dental schools outside the United States as one option in its mandatory six weeks hospital externship. During the 1991 academic year there were 23 students who took advantage of these exchange arrangements. The School also reciprocates by receiving dental students on short-term exchanges from these institutions. The schools include:

Katholieke Universiteit Leuven, Belgium Guy's and St. Thomas' Hospitals, England Medical Academy of Erfurt School of Dental Medicine, Germany Hebrew University Hadassah, Israel University of Ibadan, Nigeria University of Panama, Panama Universite de Geneva, Switzerland Kaohsiung Medical College, Taiwan, Republic of China London Medical Hospital, England Universite de Nice, France University of Hong Kong, Hong Kong University of Dublin, Ireland Tokyo Medical and Dental University, Japan The School is in the process of establishing exchanges with: Ninpon Dental University Japan

Nippon Dental University, Japan University of the Philippines, Philippines Complutense Universidad de Madrid, Spain University of Malmo, Sweden University of Sarajevo, Yugoslovia University of Glasgow, Scotland National University, Singapore Seoul National University, Korea

Several departments of the School are involved in international collaborative research activities. For example, the study of intracellular sorting of herpes virus Glycoproteins by the Department of Microbiology with collaborators in Denmark and Switzerland; the study of pathobiology of actinobacillus leukotoxin by the Department of Pathology with colleagues at Showa University, Japan; and the study of dental implants by the Department of Periodontics with colleagues at schools in Denmark, Germany, and Switzerland.

Additional international activities of the School of Dental Medicine include: a faculty exchange with Zhejiang Medical University, Hangzhou, China; international lectures by faculty from the Semmelweis University in Budapest, Hungary; active membership in the Association for Dental Education in Europe (ADEE); plans to hold in the fall of 1993 the first international conference on "The Challenge to Dental Education in Reducing Inequities in Oral Health Care"; and plans to publish a newsletter for circulation among its sister schools.

d. Graduate School of Education: The Graduate School of Education has a number of internationally-oriented programs, and has recently authorized a new position, Director of Education for International Programs, to be responsible for the development, recruitment, promotion, guidance, and the creation of additional efforts in the international arena. Its programs in Educational Linguistics offer an M.A. degree in Intercultural Communications and in the Teaching of English to Speakers of Other Languages and a Ph.D. degree in Educational Linguistics. Coursework in these three programs explicitly treats language use and language teaching in many regions of the world. In the past two summers the Programs in Educational Linguistics also has offered summer enrichment programs in English language teaching methodology for groups of professors from Egypt and

will continue to do so for these and other international groups.

Another Center, the Literacy Research Center (LRC) which was established in 1983, sponsors international research and has developed faculty exchange programs with the University of Ibadan, Nigeria, and the Universite Mohammed V in Morocco. Earlier this year the LRC launched a five-year Literacy Training and Development Program for Africa. This program, which is funded by U.S. AID, will establish regional Universityaffiliated literacy centers in Botswana, Nigeria, and Tunisia. In addition, the LRC has organized two international conferences in the past five years: one on the "Future of Literacy in a Changing World" (1985) and the second on "World Literacy in the Year 2000" in 1990.

Finally, the School's Center for Urban Ethnography has conducted an Ethnography in Education Research Forum annually since 1980. This forum attracts international participants from Canada as well as Latin America.

e. School of Engineering and Applied Science: The School of Engineering and Applied Science has undertaken several major initiatives to internationalize its programs. The Computer Science and Engineering curriculum has initiated a foreign language requirement for the class matriculating in September, 1992, and a committee currently is examining the questions of introducing a language requirement for all students in the School and of internationalizing the curriculum.

The School has several agreements with institutions located in other nations:

Katholieke Universiteit Leuven, Belgium Universite de Technologie de Compiegne, France University of Edinburgh, United Kingdom University of Ibadan, Nigeria Beijing University of Science and Technology, PRC Northwest Telecommunication Engineering Institute, PRC Shanghai Jiao Tong University, PRC University of Complutense, Spain

The School also has an informal agreement with the University of Tokyo to send one or two undergraduates there during the summer to do research. A similar arrangement exists with the University of Waseda in Japan. Finally, the School is considering three junior year abroad possibilities in France, Spain, and Japan, and is currently negotiating an exchange agreement with the Ecole Polytechnique in Paris, France.

f. Graduate School of Fine Arts: The Graduate School of Fine Arts has a long tradition of educating international students as well as a strong commitment to international educational activities. Faculty in the school have ongoing research projects and agreements with institutions throughout the world including Nigeria and Tanzania in Africa; India, Malaysia, Pakistan, and the Philippines in Asia; and Brazil, Costa Rica, Ecuador, Mexico, and Venezuela in Latin America. Research has been conducted for the World Bank and the United Nations. Almost 50 percent of its Ph.D. students are international students, while 1 in 4 of its Masters' students are international students. The School also provides 5 awards for international study that support as many as 20 students each year. There are at least 8 internationally prominent architects who teach elective studios each year. In addition, there are summer studio courses that are held yearly in three international locations: Paris, France, in association with the University of Paris at Belle Ville; Mantua, Italy, in association with the Casa del Mantegna Center for Architectural Renaissance Studies and the Politecnico di Milano and Istituto Universitario di Venezia; and Tokyo, Japan, in association with the University of Tokyo. Finally, the school regularly receives 30-40 executives each year who participate in short-term training and research programs at the Center for Energy and the Environment.

The Schools' Energy Management and Policy Program is a joint degree program with the Institut Francais du Petrol/Energie in Paris, France. Students in this program study eight months in Paris and eight months at Penn. The program also offers summer courses in Puebla, Mexico, in association with a post-graduate school there.

g. The Law School: The Law School offers a number of courses having a strong international orientation such as those on Commercial Credit, Commercial Transactions, International Litigation in U.S. Courts, International Trade Regulation, and Research in Foreign and International Law. One-half of the recent program of the David Berger Program on Complex Litigation involved international civil litigation.

In addition, there is a strong international presence among students in the LL.M. and S.J.D. programs. In the class of 1991 there were 57 students from 24 nations in the LL.M. program, while all 15 students in the S.J.D. program were international students. During the 1990-91 academic year several students established the Law School International Legal Exchange Project to promote exchanges with law school students in other nations. Seven students recently visited Moscow State University and the University of St. Petersburg as the first activity of this project. In recent years the Law School has also had a number of international visitors, and it recently received a grant from the Bank of Japan to support visiting scholars and teachers from Japanese law faculties.

h. School of Medicine: There is a very strong commitment to international educational activities by the School of Medicine and its departments. During the 1991-92 academic year there were 331 medical scholars from 49 nations who spent time at the School of Medicine. These scholars were hosted by 43 departments and clinical sections or divisions of the School, suggesting a strong and pervasive set of international activities in the School and in the departments of the School. In addition, there are currently 84 international students from 21 nations in the Biomedical Ph.D. program. The School has developed a mission statement regarding its international educational activities, which are coordinated by the Senior Associate Dean, Dr. Laurence Earley, and the Associate Dean for International Medical Education, Dr. Patrick Storey. There is also a Dean's Council for International Medical Education, chaired by Dr. Donald Silberberg, which develops policy for the School's international activities.

Medicine maintains several formal school-level agreements, including those with the Semmelweiss University in Hungary and the Shanghai Second Medical University in the PRC, but most exchange agreements are informal departmental or individual exchange agreements. The School has co-sponsored a number of international conferences including a joint USA-USSR Symposium on Parkinson's Disease held in Moscow this past fall and the IV Congress Colombiano de Neumologia y Enfermedades del Torax recently held in Santa Fe de Bogota, Colombia. Faculty of the School are involved in many consultative arrangements offering technical assistance to institutions in other nations such as the recent six-month visit of two faculty members to the University of Zimbabwe Medical School and a faculty member working for a year with Project HOPE in Eastern and Central Europe. Other inter-institutional relationships are maintained with several universities in Latin America and Russia and new ones are developing with Japan, Spain, and France.

i. School of Nursing: Strongly committed to international educational activities, the School of Nursing has developed a mission statement regarding such efforts and has established an International Activities Committee, a faculty committee that advises on all international activities. The School initiated a foreign language requirement for its undergraduate students three years ago, and it is currently undertaking a review of its undergraduate curriculum to assess multi-cultural and international content areas needed for nursing practice. In cooperation with the School of Arts and Sciences and the Wharton School, Nursing has recently developed a Study Abroad option in Lyon, France, and is currently considering other possible study abroad opportunities for its undergraduates. It offers a graduate course on "Comparing Health Care Systems in an Intercultural Context," and this past fall hosted a conference on "Nursing Ethics and International Health Care."

Two of the School's research centers have an international focus: the Center for Health Sciences and Policy Research, which received a grant to study nursing intervention to prevent AIDS in Chile; and the Center for Low Birthweight Research, Prevention and Care which has been consulting with the Kamuzu College of Nursing of the University of Malawi. The School also has developed exchange agreements with several institutions abroad:

University of Graz, Austria

Henrietta Szold-Hadassah School of Nursing,

Hebrew University, Israel

Kamuzu College of Nursing, University of Malawi, Malawi

In addition, the LINK relationship with Malawi includes the Ministry of Health and ongoing education of practicing nurses and midwives. The School is currently considering other nations to target for cooperative programs in nursing education and research.

j. School of Social Work: The philosophy of the School of Social Work is that the individual can only be understood within the context of his/her social environment. Increasingly, this context has been broadened to encompass a global dimension. The School's policy is to encourage an increasingly international perspective in its curricular offerings and in the scholarly efforts of its faculty. The School offers advanced seminars on social work practice in a comparative perspective, while some of its recent international research activities include the study of social welfare services in China; volunteerism in Israel; a comparative study of aging in the U.S. and Japan; a comparative study of adolescents in the U.S., Scotland, and South Africa; information technology applications to social work practice in the United Kingdom; and the study of volunteerism in France.

The School has exchange agreements with the University of Edinburgh,

Scotland; the University of Ibadan, Nigeria; and Thommasat University in Bangkok, Thailand. Since 1980 the School has hosted 12 visiting scholars from six nations.

k. School of Veterinary Medicine: Many faculty members of the School of Veterinary Medicine have established international connections with institutions in Canada, Germany, Israel, Italy, Japan, Sierra Leone, Sweden, Taiwan, The Netherlands, and other nations. Faculty also have participated in the formal exchange agreement between the Mahoney Institute of Neurological Sciences and the Nencki Institute of the Polish Academy of Sciences in Warsaw. The school has received visitors from the nations of Western Europe, Canada, India, Korea, and Israel.

Two programs of the school—the M.S. and Ph.D. degrees in Comparative Medical Sciences—attract a number of foreign students. In addition, internships, residencies, and some senior student clinical rotations have attracted students from Ireland, the United Kingdom, and the Netherlands. There also is a formal program with Azabu University in Japan in which 8 to 10 of their sixth year students spend a week in the small animal clinic during the summer.

I. The Wharton School: In recent years, the Wharton School has made dramatic strides in internationalizing its School's programs, curriculum and student body. In 1988 it established a European Advisory Board and an East Asian Advisory Board, consisting of distinguished business leaders from these regions of the world who can advise on important developments in their areas. The Wharton Board of Overseers, the Graduate Executive Board, and the Board of Governors of the Lauder Institute all include international representatives. In addition, some research centers also have boards with international membership. In 1990 the School established offices in Tokyo and Paris. It has an Associate Dean for International Relations, Jeffrey A. Sheehan, and there is a standing committee in the School that oversees international activities.

Twelve percent of Wharton's current undergraduates are international students. The 1990 revision of the undergraduate curriculum included a language requirement for all students as well as new international curricular requirements. In cooperation with the Schools of Arts and Sciences and Nursing, Wharton recently developed an undergraduate study abroad program in Lyon, France. In addition, there is an undergraduate study abroad exchange program with Bocconi University in Milan, Italy, and the School is currently exploring the possibility of exchanges with Hitotsubashi and Keio Universities in Japan.

In the current academic year 287 of the 1,500 MBA students are international students who come from 61 foreign countries. The recently-adopted MBA curriculum requirements include extensive and highly innovative international program elements, including a four week international experience at the end of the first year. Arrangements for these experiences have been established in two locations—Tokyo and Frankfurt—of what will eventually be ten locations. MBA students may receive credit for advanced work in a foreign language and optional non-credit courses are offered in a number of languages. The Lauder Institute described earlier in this document is a fully internationalized option within the MBA program. In addition, the doctoral program and the Executive Education program offer international programs. The School also offers customized international programs in Thailand, China, Japan, Singapore, and other nations.

While most Wharton research centers are involved in international research, the following have a particularly international focus:

U.S.-Japan Management Studies Center

Weiss Center for International Financial Research

Wurster Center for International Management Studies

Huntsman Center for Global Competition and Leadership

The Wharton School has formal agreements and informal affiliations with dozens of universities and schools around the world, the most active of which include:

London Business School, United Kingdom Stockholm School of Economics, Sweden Keio University, Japan National University of Singapore National Taiwan University INSEAD, France Institut Superieur des Affaires, France Institut Superieur des Affaires, France Instituto des Estudios Superiores de la Empresa, Spain Rotterdam School of Management, The Netherlands University of Tokyo, Japan Yonsei University ,Tokyo Shanghai Jiao Tong University, China Bocconi University, Italy IDEA, Argentina Chulalongkorn University, Thailand

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information in <i>Almanac</i> to assist faculty and staff in monitoring the performance of their tax-deferred annuity	Asset Allocation Fund	AA60:35:5	340	7.4	25.6	16.1	NA	NA	NA	NA
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— Dennis F. Mahoney. Manager of Benefits	GNMA Pontolio	FIM	5,260		16.9	14.0	10.5	13.8	16.9	12
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s rate is 7.00% for SRAs This This rate is 8.25% for SRA	Extended Market Portfolio		372	9.1	41.9	14.7	NA	NA	NA	NA
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	Wellesley Income Fund	000	1,930	6.9	21.6	15.2	11.2	15.9	21.6	-1.9
	Windsor Fund	믿	7,899		28.6	7.7	10.2	16.9	28.7	-15.5
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International: ICS International Common Stock Fund	91-Day Treasury Bills			1.2		7.3		7.7	8.3	5.7

Death of Steven Ochs

Steven Ochs, 22, an honor student in economics scheduled to graduate in May, died March 18 near his Pittsburgh home. He is survived by his parents, Dr. and Mrs. Jack Ochs, and a sister, Lisa.

A memorial service is being arranged by colleagues on *The Daily Pennsylvanian*, where Mr. Ochs was the highly respected editorial-page editor last year. Details should be known by midweek at the Hillel Association, 898-7391.

Stipend for Summer Research

The Trustee's Council of Penn Women announces a \$3,000 summer research stipend to be awarded in support of the research of a female faculty member or of a faculty member whose research directly affects women.

Applicants will submit a 1-2 page summary of the research to be undertaken, an explanation of how the stipend will facilitate the research, a curriculum vitae, and the name of aUniversity reference. The summary should be sent no later than *May 1, 1992* to: Professor Carroll Smith-RosenbergDirector of the Alice Paul Research Center, Suite 590, 3440 Market Street/3325.

Proposals will be reviewed, and the stipend awarded, through a peer review process. It is expected that the research, or a significant subset thereof, will be concluded during the summer of 1992, and a written report submitted to the review panel and to the Trustees' Council. Subsequent publication of the research results will acknowledge the support of the Council.

Student Credit Union at Year 5

As its fifth anniversary celebration approaches on March 28, the University of Pennsylvania Student Federal Credit Union is now the largest student credit union in the country, with 4200 members and assets of \$4.5 million—twice the size of the next largest student credit union in the country.

The credit union, begun under the leadership of Kenny Beck and staffed and managed solely by students on a volunteer basis, received its charter from the National Credit Union Administration on February 19, 1987. Its current president and C.E.O. is Frank Rodriguez.

In addition to providing financial services to students, the credit union offers hands-on training under the auspices of a member-elected student Board of Directors. There is also a Board of Advisors composed of area business leaders, bankers and Penn professors and administrators. Many of the faculty and students involved are from the Wharton School.

The UPSFCU took the national lead in 1988 when membership reached 2400 and deposits cleared \$2 million. Now holding a 35% market share of undergraduate financial services, and 23% of the total student banking market, the student group now plans to increase marketing to graduate students. By 1995, the goal is to have 7400 members and \$8 million in assets.

The celebration March 28 is called Founder's Day, and will take place from 11 a.m. to 3 p.m. in the Christian Association. It is open to the University community.

NOTE: The student federal credit union, in Houston Hall, is independent of the Penn Federal Credit Union for faculty and staff, at 3900 Chestnut—which is 35 years old and has some 7500 members and \$7 million in assets.

Stopping Intramural Mail Abuse...Procedures for Mailing

Intramural Mail is a service provided to University faculty and staff for the transmission of messages relating to the business of the University.

Intramural Mail is not to be used for personal communications or by outside organizations involved in any solicitation of, or business offerings with the University.

Most intramural mail is delivered the day after it is picked up by Penn Mail Service. To ensure that intramural mail is handled as expeditiously as possible, please follow these instructions:

1. Use gray intramural envelopes for all intramural mailings. Envelopes are available free of charge from Penn Mail service.

2. Use the correct mail codes. If a building does not have a mailing code listed in the Green Pages of the telephone directory, it does not receive intramural mail. Mail codes are also listed on the reverse side of the large gray intramural envelopes.

3. Proper addressing should include the following: Name of addresses; Department name/Office number, Building name/Mailing code.

Note: Any department planning a large-volume intramural mailing must contact Penn Mail service at least one week prior to its desired delivery date. All mailings must be in building code order. For specifics, please call Mail service at Ext. 8-MAIL.

– Jim Bean, Manager, Penn Mail Service

Training for Personnel Exposed to Bloodborne Pathogens

The Office of Environmental Health & Safety (OEHS), continues to offer training seminars for laboratory workers and personnel exposed to bloodborne pathogens such as the Hepatitis B Virus and Human Immunodeficiency Virus.

The first, on March 30, is the *Chemical Hygiene Program*. Attendance at one such training session is mandatory for all University employees who work in laboratories. This training will review the new Occupational Safety and Health Administration's (OSHA) regulation "Exposures to Hazardous Substances in the Laboratory" as well as PENN's written safety program. General laboratory safety training will also be provided.

The second seminar, March 31, is *Occupational Exposure to Bloodborne Pathogens* mandated by the Occupational Health and Safety Administration. Information pertaining to the safe handling of infectious agents will be presented and the availability of free Hepatitis B vaccination for all eligible personnel (faculty, research technicians, research specialists, research assistants, support staff). The seminars will be held in the Class of '62 Lecture Hall, in the John Morgan Building at 10:30-11:30 a.m. on their respective dates.

At Council March 17, a survey of students, faculty and staff was announced by Associate Vice President Steven D. Murray of Business Services and Stephen A. Carey, the former assistant director for transportation and parking who is now acting director of community relations. Results will be used in planning future services.

Escort and Transportation Services: A Survey

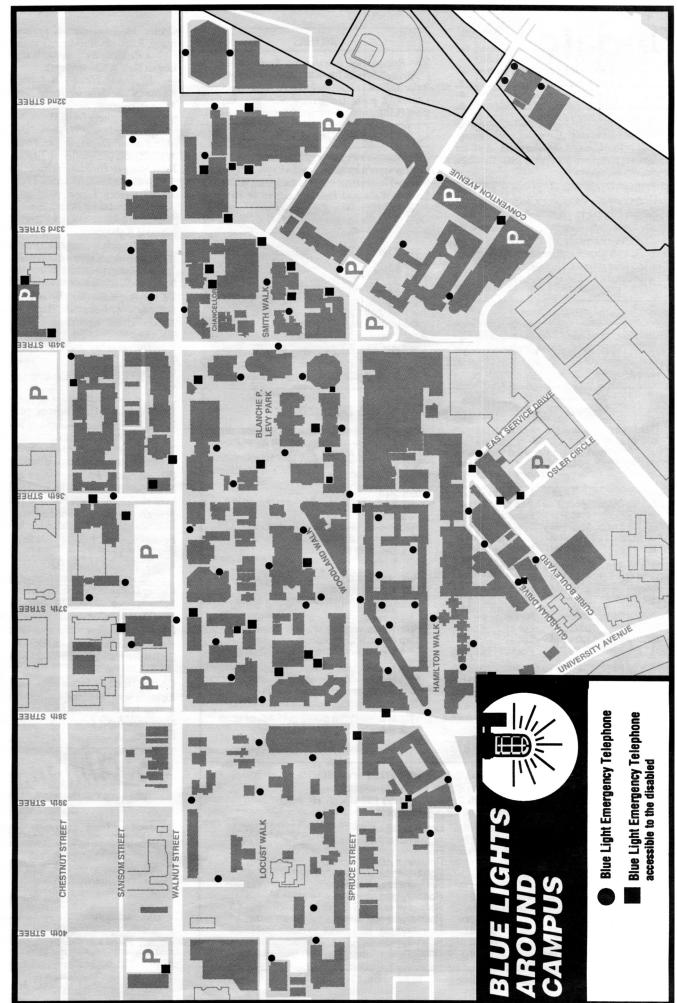
Do you use	campus transit services?	
Vac	No (if No. go to question #	41

1

	res No (II	No, go to ques	uon #4)				
2.	If yes, how often per week Escort Service Study Shuttle	t do you use ea Green Rou PennBus	ch of the fo ite	ollowing tr	ansit servio _ Walking _ Shopping	ees? Escort g Shuttle	
3.	With the service you most highest): "I use this transit	frequently use service becaus	in mind, p e of"	lease rank			s
	Safety Concern Convenience Inclement Weather Other	1	2	3	4 4 4	5	
	Convenience	1	2	3	4	5	
	Inclement Weather	1	2	3	4	5	
	Other	1	2	3	4	5	
4.	If you answered "No" to q a. unfamiliar with service b. have no need for the se c. inconvenient (please ex-	es ervices	y not?				
5.	University affiliation:						
6.	Do you live on o	off campus?					
	Local residence address (c	ptional)					
7.	Comments						
Ma	y we contact you for more	information? I	f so, please	e indicate:			
	me		-				
ING							
	Please return completed De	survey to any partment of Tra				mural mail to	o:

Suite 447A, 3401 Walnut Street/6228

A Question of Safety: What are the 'Blue Light Phones' for? When you pick up the receiver, you don't have to dial, and even before you speak the University Police receive a signal showing your location, and dispatch help. The map below, from the Division of Public Safety, shows where they are. Safety tip: Locate in advance the yellow-boxed, blue-lit phones along the routes you normally travel, in case you ever need to use one in a hurry.



ALMANAC 3/24/92

Update MARCH AT PENN

CONFERENCES

26 Determinacy and Indeterminacy in Complex Systems Behavior: Calculus of Predispositions; Lauder Lounge, Stiteler Hall. Call for permission: Ext. 8-6780 (Wharton). Through March 28.

28 *Selling to Hollywood;* explores practical considerations of producing a movie; 9 a.m.-5 p.m., International House (Philadelphia Independent Film/Video Association).

STAAR/Student Health Annual Student Conference on Campus Sexual Assault; 9 a.m.-4:30 p.m. and 8-10 p.m.; Bodek Lounge, Houston Hall (Penn Women's Center). Also March 29.

EXHIBIT

25 Realism: Six Artists from the Netherlands; Esther M. Klein Art Gallery, University City Science Center. Mon.-Fri., 9 a.m.-5 p.m. Through May 6.

MUSIC

29 Recital of Beethoven Sonatas #1, 5 ("Spring" Sonata), and 9 ("Kreutzer" Sonata); Raimundas Katilius, violinist; Antanas Smetona, pianist; 2 p.m., University Museum Auditorium (Lithuanian-American Community, Inc.).

SPECIAL EVENT

30 *Women's Festival: 21st Century Woman;* displays, performances, and a keynote speaker; 9 a.m.-10:30 p.m., various locations including Locust Walk and Bodek Lounge in Houston Hall; call Penn Women's Center at Ext. 8-8611 for details (Penn Women's Center).

TALKS

26 Problems, Paradigms & Prescriptions in a Neonatal Trial for the Prevention of Neurologic Deficits from Hypoxia-Ischemia Reprofusion Injury; James Goin, biostatistician; 9-10 a.m., 313 NEB (DGIM).

Special Values of Zeta Functions; Don Zagier, Max Planck Institute, Germany; 3 p.m., A-8, DRL (Mathematics).

Can Na⁺ Support Exocytosis? The Point of View of a Calcified Scientist; Jean J. Nordmann,

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 **March 16, 1992 and March 22, 1992**. **Totals:** Crimes Against Persons -0, Thefts -19, Burglaries -3, Thefts of Auto -0, Attempt Thefts of Auto -1

		· · · · · · · · · · · · · · ·	
Date	Time n; Spruce to	Location	Incident
03/16/92 03/17/92 03/19/92 03/20/92	4:46 PM	Houston Hall Williams Hall College Hall Williams Hall	Bike taken Wallet & contents taken from room Unattended cash taken from desk Secured bike taken from rack
40th to 41s	t; Baltimore	to Walnut	
03/16/92 03/20/92	8:37 PM 8:46 AM	Lot 31 Evans Building	Auto window broken, steering damaged Dental tools taken
03/20/92	9:03 AM	Levy Building	Answering machine taken from office
34th to 36th	n; Walnut to	Market	
03/17/92	10:03 PM	Lot 19	Auto's rear window broken/ items taken
03/17/92 03/20/92	11:04 PM 5:49 PM	Lot 19 Franklin Building	Two autos broken into/items taken Glasses,walkman taken from office area
38th to 39th	n; Spruce to	Locust	
03/17/92	12:03 PM	Zeta Beta Tau	Person took CD player/discs from room
03/22/92	10:52 AM	Harnwell House	3 holes cut into wire cage/food taken
36th to 37th	n; Locust to		
03/18/92	12:27 PM	Christian Association	Wallet taken from purse on back of chair
03/18/92	3:29 PM	Annenberg Center	Calculator & mag light taken

Safety Tip: Lock your car and take your keys. Keep valuables in your car out of sight.

18th District Crimes Against Persons

Schuylkill River to 49th Street, Market Street to Woodland Avenue, **12:01 AM March 9, 1992 to 11:59 PM March 15, 1992** Totals: Incidents-11 Arrests-1

Date 03/11/92 03/13/92 03/13/92 03/14/92 03/14/92 03/14/92 03/14/92 03/14/92 03/15/92	Time 4:35 PM 3:13 PM 6:50 PM 12:01 AM 12:10 AM 1:16 AM 1:38 AM 3:15 AM 8:15 AM	Location 3936 Market 310 S. 48 100 S. 40 4500 Pine 3100 Market 4200 Locust 4000 Chestnut 4600 Baltimore 3900 Walnut 4415 Walnut	Offense/Weapon Aggravated Assault/baseball bat Robbery/gun Robbery/bottle Robbery/gun Robbery/gun Robbery/gun Robbery/gun Bobbery/gun Bobbery/gun	Arrest Yes No No No No No No No
03/15/92 03/15/92	8:15 AM 2:10 PM	4415 Walnut 3600 Walnut	Robbery/gun Robbery/simulated weapon	No No

Centre de Neurochimie, France; 4 p.m., Library, Richards Building (Physiology).

A Reading by Lanford Wilson; 4 p.m., 17 Logan Hall (PEN at Penn).

National Health Reform; William S. Hoffman, director of Social Security, United Auto Workers; 4:30-6 p.m., Auditorium, Colonial Penn Center (DGIM).

Mechanisms of Neuronal Death After Trophic-Factor Deprivation; Eugene Johnson, Washington University; 4:30 p.m., M100-101, John Morgan Building (Pharmacology).

Has the Modernization Theory Been Validated?; Henry Teune, political science; 4:30 p.m., Ben Franklin Room, Houston Hall (Penn Society for International Development, International Relations).

Cultural Iconography of a Diaspora Woman with a Mission in Film; Zeinabu Davis; 5 p.m., 110, Annenberg School (Center for the Study of Black Literature and Culture).

27 Orthopedics for the Internist; Erwin R. Schmidt, orthopedics/HUP; noon-1 p.m., Agnew-Grice Conference Room, 2 Dulles (DGIM).

Universality and Language-Specificity: The Case of Speech Segmentation; Anne Cutler, Cambridge; noon-2 p.m., 3401 Walnut, 400C (IRCS).

The Responsibilities of Scientists Toward Society; Victor P. Wesskopf, professor emeritus, MIT; 4 p.m., A-1, DRL (Physics).

Differences in the Life Cycle between the Sphardim and Ashkenazim; Sephardic dinner, 7:15 p.m., talk 8:30 p.m., Hillel House (Hillel).

30 Geriatric Pharmacology for the 1990's; Mike Koronkowski; 8-9 a.m., 1st Floor Conference Room, New VA Nursing Home (DGIM).

Outcomes of Hemodialysis Vascular Access Surgery: A Preliminary Report; Harold Feldman, renal division and clinical epidemiology/HUP; noon-1 p.m., 2nd Floor Conference Room, Ralston House (DGIM).

Structure and Function of Signal Transducing G-Proteins; Eva Neer, Harvard Medical School; noon, M100-101, John Morgan Building (Pharmacology).

31 *Threat to Roe v. Wade—New Strategies…;* Faye Wattleton; 7.-9 p.m., Dunlap Auditorium, Stemmler Hall (Penn Women's Center).

Correction: In last week's issue, the wrong location was listed for Engineering's PennInfo access booth. It is located in the *Engineering Undergraduate Education Office in the Towne Building*.



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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