

Almanac

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Rallying on Cuts and Consultation

It was a week of protests. College and university presidents led off theirs against the Reagan budget last Monday (more on pages 4-5). Students supporting the Voter Rights march in Alabama staged one at noon Thursday. And then came the big one that turned into a sit-in: a demonstration that pinpointed proposed cuts in athletics against broader issues of consultation and of follow-through on existing commitments.

The ten-hour sit-in that ended at midnight Thursday grew out of a rally that started at 1:30 p.m. with the singing of "The Red and the Blue." From the steps of College Hall, student leaders of UA, GAPSA, UMC, IFC, and several team sports (some slated for cuts, some not) spoke to a sixteen-point list of demands.

concern in a spirit of cooperation and without confrontation.

The University faces serious financial strains over the period ahead. Expenses must be reduced in every part of the University. This can be accomplished with a minimum of difficulty only by a process of careful analysis and full consultation. We will do all we can to ensure that this process continues.

—Sheldon Hackney
and Thomas Ehrlich

From the President and the Provost:

The Conclusion of the Sit-in

The sit-in that occurred last Thursday was the result of concerns of some students, particularly relating to consultation. As we agreed to do before the sit-in began, we met Thursday night with eight of the students to exchange views. Since the extent of consultation with a new administration was the primary issue, under all the circumstances a meeting seemed fitting this one time. Discussion around the table was both forthright and reasonable, with the student leaders participating in a responsible way. We were able to develop a statement of understanding that recognizes the concerns of faculty and students and emphasizes the importance of consultation through the University's established governance mechanisms. As a result, we believe a stronger bond of trust was established between student leaders and the administration. The University needs that bond. Now more than ever it is important that the campus be unified, and we recognize that unity is possible only with full communication.

At the same time, we make clear to all in the University community that it is not appropriate for us to attempt to resolve issues of concern under pressures of duress. Nor is it appropriate for us to meet with groups while they are seeking to apply such pressures—however sincere their views. With our reaffirmation of established consultative procedures for the gathering of comments and advice from all segments of the University community, we are confident that the administration, faculty, students, and staff will be able to work through problems of mutual

Proclamation on Brailovsky

The University of Pennsylvania has admitted Leonid Brailovsky of Moscow as a freshman in the Class of 1985 although the Soviet Union continues to deny him an exit visa and is increasing its harassment and imprisonment of Soviet Jews.

The Penn for Brailovsky Committee, under the leadership of its chairman, University of Pennsylvania President Sheldon Hackney, has been in the forefront of activities mobilized to free Leonid Brailovsky. President Hackney has taken upon himself the responsibility of corresponding with the State Department and other Washington officials on behalf of Brailovsky.

The Penn for Brailovsky Committee wishes to strengthen support ... to protest this denial of basic human rights. City officials, community leaders and student organizations are joining forces to demand freedom for Leonid Brailovsky so that he may pursue his education at the University of Pennsylvania.

Accordingly, the City of Philadelphia is pleased to present this statement to President Sheldon Hackney and the Penn for Brailovsky Committee for their efforts to secure the freedom of Leonid Brailovsky.

—Mayor William J. Green

President Sheldon Hackney, returning from Center City where he had been accepting Mayor Green's citation for leadership in the Brailovsky protest (excerpt below), spoke briefly on the steps of College Hall and answered questions at length. Crowd chants ranged from "Bullshit!" and "Hell, no, teams won't go!" to a more courtly "Let him talk!" Provost Thomas Ehrlich accompanied the President but answered only one question: Had Academic Planning and Budget been consulted on the 15 percent tuition increase proposal? (Answer: "Yes.")

Of the 400 or so students who stood in a light snowfall for the rally, about half initially sat in, occupying the T-shaped first-floor corridor of College Hall. The sit-in portion of the protest began with a reminder of the Guidelines on Open Expression by UA's Chair Liz Cooper.

By afternoon the student coalition had distilled five points from the initial 16 (see page 2, left side of table). President and Provost appeared briefly at 6 p.m. and, with eight students elected from the floor, moved upstairs to the Philomathean Society's gallery for talks. They ended shortly before midnight with a written agreement which, with minor word changes, appears on page 2 alongside the five demands. The President and Provost made a good-night visit to the corridor, and student leaders submitted the five-point agreement to voice vote by a crowd now dwindled to 50 or 60. Most points were cheered, but some protesters grumbled at "no real gains."

DuBois House's Eleanor Childs gave an end-of-the-rally reminder that the Montgo-

Continued next page

\$25 Million a Year at Risk

Net losses to this university could run to \$25 million per annum if the Reagan budget goes through. President Sheldon Hackney says in his extended analysis of the impact of "off-budget" as well as "on-budget" cuts proposed to Congress. See pages 4-5.

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mery marchers would be home Friday and called the agreement "something to come home to." The rally ended with a call for clean-up of trash and a reprise of "The Red and the Blue."

Monday, the final agreement was issued jointly by the administration and the student groups, and the President and Provost added another of their own (page one). By 11 a.m., a different student group—Student Struggle for Soviet Jewry—had gathered before College Hall, headed for a short ceremony in which President Hackney changed the name of Locust Walk for a day, in honor of Brailovsky, and called for increased efforts—through channels—to pressure Moscow for his release.

The following statement was issued prior to Thursday's student rally:

February 18, 1982

The University Council Committee on Recreation and Intercollegiate Athletics has received a tentative plan for the implementation of athletic policy. The committee and other bodies are studying the plan and will be making recommendations to the president and provost. The final plan will be published subsequently. The questions of sports groupings and of downgrading varsity teams to club sports are under intense discussion. Information that is public at this time must be considered highly tentative.

—Sheldon Steinberg, Chair
Committee on Recreation and
Intercollegiate Athletics

Issues Negotiated in the Sit-in

Initial List

Distributed before talks:

1. **Consultation:** While the responsibility for decisions lies with the administration, no decision can be made without the input of those who will be most affected, primarily students and faculty members. The current decision-making process must be disclosed to the University.

2. **Cuts:** Support for all athletic teams and reinstatement of those that have been slated for cuts, with a new procedure for removing teams from varsity status in the future that would guarantee consultation from all those involved.

3. **Tuition and long-range planning:** In light of skyrocketing tuitions, an increase in student consultation on academic and budgetary planning.

4. **Diversity of Admissions:** That need-blind admissions continue, without an increase in self-help requirements, during 1982-83, together with a method increasing minority presence on campus.

5. **Intercultural Center:** The establishment of the Intercultural Center, with a full-time director and substantial resources for full programming.

Joint Statement of Agreement

The following was agreed to on 18 February 1982:

1. Decisions affecting students and faculty should be made with the advice of those who will be most affected; however, we recognize that the ultimate decision, and the ultimate responsibility for it, must lie with the administration. To that end, we affirm the University administration's responsibility to the community as a whole, through the University governance mechanisms, to consult early in the decision-making process, with honest, prompt disclosure of decisions.

2. The University Council Committee on Recreation and Intercollegiate Athletics must review any proposal for removal of a team from varsity status under procedures to be defined by the Committee. Consideration should be given to ways other than the cutting of teams for allocating scarce athletic resources.

As a corollary measure, the athletic implementation proposal currently under review will not be implemented until there is significant and meaningful input from the Council Committee and other relevant bodies. We strongly recommend that the Committee make every effort to ensure the widest possible public discussion about the major policy issues it is reviewing. We also recommend that the Committee on Recreation and Intercollegiate Athletics address the problem of transition and how it affects the student athlete.

3. A review of the workings and agenda of the Academic Planning and Budget Committee will be undertaken by the Academic Planning and Budget Committee. Their report will be completed by the end of this fiscal year, and will be published in *Almanac*.

This Committee is particularly important in light of the University's current financial problems and the impact of these problems on all members of the University community.

4. The administration intends and has every expectation of maintaining the need-blind admissions policy for the next academic year, with the least possible increase in the self-help component.

We recognize the priority need for, and will search diligently for, an Hispanic admissions officer.

The administration reaffirms its commitment to increased numbers of minority students, faculty and staff.

The administration will undertake an ongoing attrition study with the assistance of the undergraduate schools.

5. The University administration reaffirms its commitment to the establishment of an Intercultural Center with adequate resources for full programming. This Center, regardless of site, will be in the highest priority grouping among capital projects. The administration will use its best efforts to secure adequate resources for a full-time director.

Michael Archer
Elizabeth B. Cooper
Thomas Ehrlich
Sheldon Hackney
Susan Keiffer

Steven Ludwig
Salena Martinez
Laverne Miller
Charles Rich
Victor J. Wolski

Nomination: The Hower Chair

A search is being conducted to select a faculty member to become the newly endowed Hower Professor within the Wharton School. The chairholder will have a primary appointment in Public Management in the Department of Legal Studies and Public Management in the Wharton School. Candidates should have an established research reputation in applied economics with emphasis on regulation. It is preferred that candidates have some background in the field of law and economics. The search is limited to candidates within the University of Pennsylvania. Nominations for the Hower Professorship should be sent to Professor Thomas Dunfee, chairman, Hower Professor Search Committee, by March 1, 1982.

COUNCIL

Last week, a production error lost the last two paragraphs of the report of the search committee for vice provost for research. For coherency it is republished in full, with apologies to the committee and the reader.—Ed.

Vice Provost for Research

February 4, 1982

The Search Committee for a Vice Provost for Research was constituted in early September, 1981. Its members were Cindy D'Ambrosio; Renee Fox; Fred Karush, chairman; Michael Katz; Sarah Kimball; James Lash; Almarin Phillips; and Charles Rosenberg. The Committee met regularly throughout the fall, submitting, on 14 December 1981, a list of three names for the consideration of the Provost. The list included only internal candidates. The Provost had requested that the search focus internally "without precluding consideration of unusually qualified external candidates."

The position was advertised in *The Chronicle of Higher Education*, *The New York Times*, and *The Daily Pennsylvanian*. A copy of the advertisement is attached. Suggestions for names were also solicited through an article in the *Almanac* and letters to the deans, department chairpeople, graduate and undergraduate student leaders, members of the University Council and the Board of Trustees.

The Committee was charged to recommend one who could "ensure the continued maintenance and strengthening of the University's research capabilities" as they interact with both government and industry.

The 64 nominees included 57 men and 7 women. Thirty were internal candidates; thirty-four were from outside the University. Four applicants were Black; the balance appeared to be Caucasian. None appeared to be handicapped.

All candidates recommended to the Provost were male. Professor Barry Cooperman's name was included; he has accepted the appointment.

—Fred Karush, Chairman

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ALMANAC, February 23, 1982

A Response to the Six Working Papers for Strategic Planning

By the Faculty Council of the School of Engineering and Applied Science

The Faculty Council of the School of Engineering and Applied Science (SEAS) is a representative body elected by the SEAS Faculty. Along with other duties, the Faculty Council undertakes the long-range planning function of the School. As a part of this effort, Task Forces appointed by this Council have considered, and continue to consider thoroughly, various long-range planning issues. As a partial fulfillment of its duty, the Council conducted an informal hearing (to which the entire Faculty was invited) to discuss the draft papers prepared by the six working groups established by the President and Provost. During these deliberations, the Council considered each Working Paper. The following are the major issues for the Faculty of the School of Engineering and Applied Science, and are hereby presented to the Academic Planning and Budget Committee for their consideration. We recommend that:

- Top priority should be given to University support for first-year graduate fellowships.
- A commitment must also be made for the upkeep and upgrading of research facilities and equipment.
- The role of the Research Foundation should be strengthened as a mechanism to achieve these priorities.

The reputation and long-term well-being of the University of Pennsylvania depend upon excellence in graduate education and research. The University must continue to attract outstanding graduate students and to carry on first-rate research programs in order to maintain and enhance its rank among the leading institutions.

The key priority is additional University support for first-year graduate fellowships. Such an effort would be an investment with a very quick payback. There is general agreement that the support of first-year graduate students by means other than contract and grant funds will improve the quality and effectiveness of such extramurally-supported research.

These fellowships are also an investment in terms of their potential role as a part of an overall, and very attractive, package for recruiting top-notch graduate students. Bringing such people to Pennsylvania is a matter of great concern, both in terms of overall scholarly activity and the benefit to research projects. It is generally appreciated that this goal can be achieved through the development of an improved recruitment package which includes first-year fellowships, better facilities, attractive offices, and hospitality during on-campus visits.

First-year fellowship aid is important in many disciplines. In addition to the generalized benefits to the University community noted above, an enhanced fellowship program would have particular advantages for individual schools. As an example, engineering graduates at the baccalaureate level are professionals, and we must compete with industry (in addition to other schools) to attract them into our programs. The establishment of a first-year fellowship program would help to ameliorate this problem, and, at the same time, produce a significant and rapid return on that investment with respect to the quality of the research program.

Another high priority issue concerns the development and maintenance of research facilities and equipment. Given the necessity to maintain (if not improve) the University's standing as a leading research institution, it is apparent that a commitment must be made for the upkeep and upgrading of facilities and equipment. This is especially true in an era characterized by the continual development of progressively more sophisticated equipment. Provision should be made for the upkeep of those basic facilities for which there is a long-term commitment.

There is an undercurrent of feeling that the University has not committed itself in terms of resources to research. The need for this kind of support is clear. A recent national survey concerning the status of academic research laboratories shows them to be in poor shape. Continuing research efforts at the cutting edge of many disciplines require new investments in equipment which in turn necessitate maintenance and

upkeep. Otherwise, investigators will be discouraged from obtaining such equipment.

Here again, the basic issue involves allocating University resources. The research posture of the University requires the existence of certain equipment. In many instances, a proposal cannot even be written without these facilities. This is indeed a good investment, the payback on which is rapid because it insures that our researchers are not forced to trail the state-of-the-art for want of the basic necessities.

The final point is to suggest a mechanism through which the first two priorities may be achieved. The concept of a Research Foundation at the University of Pennsylvania has been suggested previously. It is our recommendation that the role of the Research Foundation be strengthened. As originally conceived, the Research Foundation should take the form of an endowment or a patent royalty fund from which the investments noted above would be made.

As envisioned, the Research Foundation would serve many functions: first-year fellowships; upkeep of facilities and support of personnel during short gaps in funding support; seeding new faculty research programs; helping senior people change research directions and develop new research capabilities; and so forth. Thus, the Research Foundation would provide a cushioning effect and a mechanism for the University to invest in itself, in ventures which will pay back more than is put in. Implementation of this recommendation could take the form of strengthening and upgrading the existing Research Foundation.

In summary, the response of the SEAS Faculty Council is focused on the connections between graduate education and research, both of which are absolutely essential in maintaining and enhancing the University's reputation and status. It is recommended that the top priority is increased support for first-year graduate fellowships. Also, a commitment is needed for the upkeep and upgrading of research facilities and equipment. The role of the Research Foundation should be strengthened as a mechanism to achieve these priorities.

*Nabil H. Farhat
Eduardo D. Glandt
Fred Haber*

*Dwight L. Jaggard
John D. Keenan, Secretary
Bonnie L. Webber*

Iraj Zandi, Chair

Still Tracking the 'Six Papers'

Last week on page 2, brief notes were given on seven school-level consultations that may furnish responses to the "Six Working Papers for Strategic Planning." FAS, Wharton, Engineering, Nursing, Dental Medicine, Veterinary Medicine, and Law reported. In the remaining schools:

Annenberg and Graduate Education are emphasizing individual faculty response to the Academic Planning and Budget Committee; **GSE** is also reviewing "Minority Faculty and Students" in its executive committee; commending "Graduate Education" to the Graduate Council; channeling school input on "Ties with the City" through University Council; and sending an analytical proposal on fellowship support to the Deputy Provost ... **Social Work** singled out four papers, and each member of the faculty is serving on a school-level work group of his/her choice; they will report at the Open Meetings as follows: "Minority Faculty and Students" and "Educational Outreach," February 26; "Research" and "Ties with the City," March 12 ... **GSFA** has discussed the document as a whole at one faculty meeting, and will continue at tomorrow's ... **SPUP** is currently planning toward implementation of in-school and interschool ideas given in several of the papers ... **Medicine** has the document as a whole in the hands of the Steering Committee of the Medical Faculty Senate, and the dean has assigned some of the topics to standing committees for review.

Provost Thomas Ehrlich has also been collecting individual written responses, and some forty faculty, staff and students turned up for the February 19 Open Meeting. All are welcome at the remaining two—February 26 and March 12, 3 p.m. in 102 Chemistry.

On President Reagan's Proposed Cuts

Our campus should now be fully aware that President Reagan's proposed "on-budget" student aid cuts for 1983-84 would reduce federal aid 47 percent nationwide (64 percent at Penn), even before taking into account the effects of inflation.

The purpose of this column is to bring to the attention of the campus other proposed cuts. These are, first, the proposed cuts in "off-budget" student aid programs, especially the bank-administered Guaranteed Student Loans (GSL); second, the proposed cuts in research support; and third, cuts in Medicaid-Medicare as they would affect Penn. I will also describe what we are doing and intend to do to address these problems on and off campus.

The Federal Aid Threat

Taken together, these student aid, research funding, and medicaid-medicare proposals constitute a major threat to all of higher education, but especially to this and other high quality institutions. It is a threat that should rivet our attention and command all our energies. It is a threat that dwarfs all of our otherwise appreciable problems in its potential effect on all our finances, on all our academic activities, and on all our non academic activities.

Let me sketch the magnitude of the threat, and then turn to the specific proposed cuts not previously discussed.

As recently as 1970 the nationwide *total* of federal student aid ("on-budget" aid administered by colleges, as well as "off-budget" such as guaranteed bank loans), expressed as a fraction of the *total* nationwide tuition revenues (all tuition paid to every post-secondary institution, regardless of the source) was 29 percent. In the latest year for which we have figures (1981), that ratio had become 86 percent. Clearly, except for defense, higher education has silently become one of the most federally dependent sectors.

Guaranteed Student Loans

It is against the fact of dependence that President Reagan's Guaranteed Student Loan proposals must be understood. At the same time that the President is proposing that four "on-budget" programs be reduced by \$1.6 billion (47 percent) by Fall of 1983, he is closing off the principal "off-budget" loan program that would otherwise help cushion that blow.

The President has suggested that the GSL program be altered in several ways that will cause great problems at high-priced, selective major research institutions such as Penn. Perhaps foremost, since we have one of the highest proportions of graduate and professional students in the nation, is his proposal that such students henceforth be *ineligible* for GSLs. The resulting blow to graduate and professional education would be devastating.

The President has proposed to substitute a program at closer to market-interest rates for which graduate students would be eligible, but the American Council on Education (ACE) advises that the President's new program would make up only a small portion of the GSL loss. This is because of three factors associated with the substitute program: the high interest rates, the fact that (unlike GSL) interest would accrue while the student was still in school, and the fact that the subsidies and guarantees do not appear to be sufficient to attract much bank participation. Overall, the ACE calculates that only a fraction of graduate students could secure the new kind of loan in the first place, and that in any event its terms would increase costs by as much as 67 percent for those students who did secure the loans. In either case, the new program would surely heavily affect individual decisions about advanced education.

With regard to undergraduate programs, the proposed changes in Guaranteed Student Loans are not as potentially totally devastating as with graduate and professional students, only because undergraduates would not be *ineligible* for GSLs. However, the effects upon undergraduate populations and programs would still be very great. For instance, the new GSL loan origination fee (paid by the borrower) has been doubled to 10 percent of face value of the loan, and moreover the student would (unlike current GSL practice) have to face market rates on any balance remaining two years after graduation. Informed opinion has it that the cost increases in GSL would discourage parents and undergraduate students from incurring GSL debt, especially in higher amounts. Informed opinion also has it that the 47 percent cut in "on-budget" federal aid, *plus* the greater cost of GSLs, would reduce applications at many high-priced institutions.

No one can predict the precise effects on a particular institution that such unprecedented student aid proposals, especially taken together, would in fact cause. But as to higher education generally, it is clear that, since current nationwide aid equals 86 percent of nationwide tuition revenues, an enormous shake-out may occur if the Congress approves the cuts in their present extent. With those kinds of cuts from aid at current levels, the total number of students going to college would drop, there would be some loss of selectivity at selective high-priced institutions, and many high-priced institutions would lose their lower-economic-origin students entirely.

Whether these effects would occur at Penn cannot be predicted. What is predictable, however, is the dollar loss to Penn. "On-budget" alone, as we discussed February 15, the loss by 1983-84 would be \$6.49 million *annually* by and after the 1983-84 academic year. "Off-budget" revenue such as GSL is difficult to predict, but currently 10,677 Penn students (slightly over half of whom are undergraduates) share \$34.6 million in GSL loans. The graduate students would be ineligible, so we can "guess-timate" that at a minimum Penn students as a whole would receive perhaps \$15 million less due to GSL changes, with attendant effects on enrollment, research, and so on.

Adding these two figures, \$21 or so million in federal student aid support at Penn is at risk under President Reagan's proposals.

Research and Medicaid-Medicare Cuts

Although the University budget is, in the short run, compartmentalized, in the long run any threat to a major sector of the University budget is a threat to all sectors. Just as a threat to student aid will first directly threaten the number and quality of undergraduate and graduate students and then indirectly threaten the research and medical enterprises, so also threats to research or hospital funding will ultimately become threats to the student sector. We are, indeed, "one university."

Research funding at a given institution, unlike student aid funding, cannot be calculated directly from national available funding levels. This is because research awards at a given institution are influenced at least as much by the activity of that faculty in applying for awards, as by (within limits) the average level of funds available nationwide. So far the Penn research community has responded well, and those cuts that have appeared so far at the national level have (in the aggregate across all our federally sponsored research) not resulted in ascertainable aggregate losses at Penn. The absence of *net* losses masks the deep cuts in national support of the humanities and social sciences; this is an instance of the cuts being so great at the national level that the limits which can be overcome by greater application activity are surpassed, and we must with colleague institutions reverse the cuts themselves.

It appears so far that President Reagan is not proposing cuts for federal fiscal 1983 in those federal research institutes that represent the bulk of our Penn federal research awards. However, the Reagan administration has proposed that the indirect cost recovery available under National Institutes of Health (NIH) grants be reduced by 10 percent. Seventy percent of Penn's federally sponsored research is under NIH grants. Accordingly, if the proposal is made policy, Penn could lose as much as \$1 million or \$2 million in indirect cost recovery funds from NIH per annum. That \$1 million or \$2 million will have to be made up from monies in other parts of the budget.

The threat to Medicaid-Medicare at Penn's hospital is, like the threat to student aid, fairly calculable, since both are so-called "formula" grants. The Hospital of the University of Pennsylvania (HUP) receives more Medicaid dollars than any other hospital in the Commonwealth. Currently, 30 percent of all in-patient services at HUP are provided for Medicare recipients. With the aging of the population, we can expect that this percentage will increase at HUP and in all hospitals. President Reagan has proposed that the reimbursement formula for Medicaid and Medicare *each* be reduced by 2 percent. We estimate that, if President Reagan's proposed reduction of 2 percent in the Medicaid and Medicare reimbursement formula is accepted by Congress, HUP will lose \$2 million.

Net Losses

Doing some arithmetic, and allowing for contingencies, it appears from all the foregoing that the total risk to Penn income, both "on-budget" and "off-budget," if all of the Reagan administration proposals are accepted, is on the order of \$25 million per annum.

Steps We Are Taking

The situation is very serious. We are therefore mounting a comprehensive response to these proposed cuts. The response has a Philadelphia component, a Washington component, a campus component, and an associational component. I can sketch out here only the outline of our still developing plan.

We organized a response from our Philadelphia-area colleague presidents, as witness last week's joint press conference of 14 schools representing a strong cross-section of higher education in the Delaware Valley. That group now has a functioning agenda, and we will together seek to convince the Philadelphia community of its economic and social stake in "our" problem. We have begun the process, in the Commonwealth and beyond, of organizing fellow presidents who will provide geographically balanced testimony in Washington. We will visit Washington on March 3 in company with other institutions for the purpose of visiting our and other Congressmen; there have been telephone "visits" in the meanwhile. We at Penn will sponsor a luncheon in Washington sometime (to be determined) later in March to speak to our Pennsylvania Congressional delegation as a whole. The main battle in Washington will be in late March and April, and that agenda is still developing.

On campus, we are beginning to communicate with the various constituencies—students, parents, faculty, friends. We need letter-writing, visits to Washington, talks to friends-of-friends, and so on. Also on campus, we have already begun to study the problem of how we can finance our students if these cuts go through. In some aspects, this study goes back seven months, to when we anticipated this eventuality. In some other aspects, our study extends beyond the campus, into alternate financing systems.

We think we can organize the elements of a total response. What we need is community support to carry it out—parents, students, faculty, friends. If President Reagan's program goes through, it will be a major threat to the quality of this and other similar institutions. We must understand this, unify, and overcome either the threat, or, if we fail there, its effects. I ask your help.



In a coincidence of timing unrelated to the outcry of college presidents over student-aided cuts, the University of Pennsylvania Press just issued the Wharton/Reliance Symposium papers on Toward a New US Industrial Policy?, edited by Professors Michael Wachter and Susan Wachter. Following are excerpts from a news release.

No 'Supply Side' Investment in People

The Wachters' book contains essays and research papers on the nation's economic policy debate by Harvard's Otto Eckstein and John Dunlop; labor leaders Lane Kirkland and Douglas Fraser; Treasury Secretary Donald Regan; Congressman Henry Reuss; social commentators Peter Drucker, Irving Kristol and Daniel Yankelovich; business leaders Reginald Jones and Irving Shapiro; Wharton Professors Jean Crockett, Irwin Friend and Nobel Laureate Lawrence Klein, and others.

"The biggest surprise to emerge from the papers is the general conclusion, from economists on both sides of the political debate, that President Ronald Reagan's policies are no more friendly to business than are the Democrat-controlled Joint Economic Committee's policies," said Michael Wachter.

"The economists in our book agree that we need more business investment, and that to get it we must use tax incentives to lower the direct cost of investment to business. Reagan did make important innovations in this area last year, but he has relied too much on indirect encouragement through personal tax cuts. There's little doubt that this is not an efficient way to go," he added. The Wachters said that although some of the personal tax cut money does end up being used for business investment, another portion is lost through personal consumption.

"More attention needs to be paid to government investment in the entire network of transportation and communication systems that make up our public supply of capital, our infrastructure," said Susan Wachter. "The importance of a combined business and government investment policy to long-run economic health is a major theme of the papers by economists and politicians alike."

The Wachters' criticism extends to other areas where government investment has been cut back—research and development and "human capital" including education and job training.

"The same mistake that is being made in physical infrastructure policy is being made in these other areas. There is no 'supply side' policy for investment in people," said Michael Wachter.

"Will America decline as a manufacturing nation parallel to the decline in its manufacturing work force? The policy decisions have not been made yet—but will have to be made within the next few years," writes Peter Drucker of Claremont Graduate School. "Creating and providing jobs for knowledge workers will be the overriding social priority."

The federal government's failure to invest sufficiently in both human and physical capital in year one of Reaganomics will put the burden increasingly on state governments. But such governments, particularly those in the industrial North, squeezed by declining federal subsidies and a declining revenue tax base, are increasingly unable to meet that burden—a problem that will grow worse under the proposed "New Federalism," said the Wachters.

But they come to the administration's defense against criticism over the current deficit spending. "The budget isn't balanced right now because of the recession, and because of the social program increases that come about during recessions. Although we're in Reagan's recession, this is Carter's budget deficit. Without Reagan's policies the current deficit would be out of sight. There's no reason to require a budget to be balanced during a recession of this magnitude. But it should be balanced over the entire course of the business cycle; that is, during boom times the government should run a surplus," Michael Wachter added.

And, according to the Wachters, critics are wrong to blame high interest rates on Reagan's policies. "You do experience severe crowding out of the money markets by government when the economy is robust, but you don't at times like these, when there is a recession. Unemployment is high, utilization rates for plant and equipment are low. People just don't want to invest because they aren't making full use of the resources they already have," said Michael Wachter.

To bring interest rates down, the Wachters suggest balancing the budget over the recovery period, possibly via new excise taxes that hit consumption relative to investment and income. Although the President specifically ruled out such taxes in his State of the Union address, the Wachters say they see public and Congressional support for such taxes growing, and they may well become politically acceptable by the time they are needed.

"We certainly don't want new taxes now. But they may be part of the planning for the recovery period—and that ought to be going on right now," said Susan Wachter.

Toward a New US Industrial Policy? is based on the Wharton/Reliance Symposium, cosponsored by the Wharton School and Reliance Group Incorporated, with a grant from Reliance Insurance Company.

—Mark Levenson, Wharton News Officer

Endorsement of SCAFR

The implications of the Srouji case reported in *Almanac*, January 12, 1982, ("Provost's Implementation of the Faculty Grievance Panel Report on the Grievance of Associate Professor Maurice N. Srouji") extend considerably beyond the individual case. A grievance panel has recommended actions to resolve this grievance. Failure to do so in this case suggests an unacceptable vulnerability of faculty in general when issues of academic freedom are at stake. However organized or incorporated, individuals who are University faculty should uphold the principle of due process in dealing with their colleagues in the University. The Senate Committee on Academic Freedom and Responsibility has urged the Administration to implement fully the recommendation of the grievance panel report, and we strongly endorse our Senate Committee's report to the President.

James. C. Alwine, Med. David Boettinger, Med. Harold Bright, Med. Helen C. Davies, Med. S. W. Englander, Med. Fred R. Frankel, Med. Frank Furstenberg, FAS John J. Furth, Med. Howard Goldfine, Med. Ellis Gollub, Dent. Sol H. Goodgal, Med. Joseph S. Gots, Med. Tony Higgins, Med. Roland G. Kallen, FAS

Neville Kallenbach, FAS Fred Karush, Med. James W. Lash, Med. Daniel Malamud, Dent. Richard Orkand, Dent. Burton Rosan, Dent. Joel Rosenbloom, Dent. Irving Shapiro, Dent. Peter Sterling, Med. Yoshitaka Suyama, FAS Norton S. Taichman, Dent. Susan Weiss, Med. Abraham Yaari, Dent. Sally Zigmund, FAS

GAPSA on Srouji

The following resolution was passed unanimously by the Graduate and Professional Students Assembly February 10, 1982, and is submitted to the University community via *Speaking Out*.

Srouji Resolution

Whereas the Senate Committee on Academic Freedom and Responsibility has issued a series of recommendations as set forth in the 12 January 1982 *Almanac*; and

Whereas the maintenance of academic freedom is a matter of concern to students as well as faculty;

Therefore be it resolved that the Graduate and Professional Student Assembly urges the President and Provost to implement the recommendations of the Senate Committee on Academic Freedom and Responsibility immediately.

—Steven Ludwig, Chair

Speaking Out Elsewhere

To support the efforts of the Penn for Brailovsky Committee and the Student Struggle for Soviet Jewry to secure Class of 1985 member Leonid Brailovsky's release, letters may be sent to the Soviet Ambassador to the U.S., Anatoly Dobrynin, at the Embassy of the Soviet Union, 1125 Sixteenth St. NW, Washington, D.C. 20036. For information: Tony Marx, Ext. 7221.

To send a postcard to your Congressman on President Reagan's proposed cuts in student aid, stop at the COPUS table, 36th and Locust all this week (weather permitting). Postcards are prepaid, and addresses of Congressmen are on hand. To find the student group indoors, try its president, Mark Griffith, at Ext. 6898. — K. C. G.

The following has been held for lack of space, with the author's consent, since it was submitted in January. It was initially an oral statement given at University Council on December 9.

On the Handicapped

Provost Ehrlich has just said, with regard to discrimination at the University, and I quote, "We are going further than Washington requires in all sorts of ways, because we think that it is right." That statement may be true about our treatment of certain minorities, but there is one particularly unfortunate minority group to whom it does not apply, a minority group against whom the University has *always*—historically—discriminated, and against whom it continues actively to discriminate to this day. That minority, ladies and gentlemen, is the handicapped.

Handicapped people—students, staff, and faculty members—are not distinguishable from the rest of us by race, creed, sex, and so on. But discrimination against other minorities, which in effect denies them access to education, jobs, and the like, operates even more oppressively against the handicapped: it simply denies them physical access to major portions of the University. The handicapped are not in this room—indeed, no handicapped person could ever enter this room [the University Council room in Furness Building]—for this building is one of those that is inaccessible to handicapped people. Look about and verify this fact for yourselves! No one speaks for the handicapped at Pennsylvania and, when it comes to removing the physical barriers to discrimination against them, the handicapped are at the end of a long, long queue.

I do not allege that the University has done *absolutely* nothing about its discrimination against the handicapped. We have made a few of our older buildings accessible to them. In this International Year of the Handicapped [1981], we have also published the new *Handibook*, a truly splendid publication that outlines precisely what portions of the University are accessible to people who are not able-bodied. I hope that many of you have already seen this publication and that all of you will acquaint yourselves with it soon. But a publication, no matter how glossy, is cold comfort for buildings that are permanently sealed to handicapped members of this community. And the *Handibook's* maps only emphasize how large a part of this institution is still inaccessible to them. Six departments of the Faculty of Arts and Sciences—Music, History and Sociology of Science, American Civilization, Political Science, Psychology, History, plus the Fine Arts library—are located in buildings that are off limits to the handicapped. Some of these departments are very large, and enroll thousands of students in their courses. Yet a handicapped student could never major in, nor a handicapped staff member or professor work in, one of these fields, which together constitute about one-fourth of the Faculty of Arts and Sciences.

Let me consider the strange contrasts that a building like College Hall provides. On the

ground floor—the only level of the building accessible to the handicapped—is the Office of Admissions. There, Director Lee Stetson tells me that *he*—perhaps alone of all administrators in College Hall—takes affirmative action seriously, and that he and his staff are trying to recruit handicapped students to come to Pennsylvania. But now, in your imagination, walk up the stairs to the first floor of College Hall. I see that a great many administrators who have offices on that floor of College Hall are here in the room—I won't embarrass any of you by asking how many stairs there are to the first floor of your building. I know, and so does every handicapped person, for those stairs are just so many unbreakable locks to the door of equal opportunity for them at this university. On the first floor of College Hall, if you will consider for a moment, there are many offices that have recently hired staff. Those new staff members include a President, a Provost, an Associate Provost, a Deputy Provost, a Vice Provost, a Vice President, and assistant to the Provost, an assistant to the President, and heaven knows how many secretaries. I saw the advertisements for most of these positions, and every one of them stated "The University of Pennsylvania is an equal opportunity employer." Ask the Office of Personnel Relations what that means and they will say that we do not discriminate against anybody on a variety of grounds, one of which is "physical handicap." Yet every time that an office on the first floor of College Hall hires a staff member, dozens of times a year, it violates federal law, to say nothing of our own guidelines, by engaging in a conspiracy against even *interviewing* a handicapped person. I am not much pleased at seeing our top administrators violate federal law so frequently—people in such office need to have a few morals, after all. To be sure, the departments on the upper floors of College Hall violate the law, too, but these offices, at least, have not publicly declared, as has Provost Ehrlich, a "commitment [embracing] a concern with making the University resources both available and inviting to all qualified handicapped individuals" (I quote this phrase—how I wish that it had been in clear English prose!—from the *Handibook*).

Would it not be an easy matter to install elevators (which the entire community could then use) in our old buildings like College Hall? Well, there actually *was* (I emphasize the past tense) a plan to put an elevator in College Hall three years ago, but somehow the administration discovered that College Hall was a "listed" building with a local historical commission. How preposterous that a building that *should* be listed, if it deserves to be listed for anything, for *demolition*, should be speciously called a landmark in order to avoid helping the handicapped! The funds to install College Hall's elevator, several hundred thousand dollars, I understand, have been in an escrow account for two years now, while administrators bicker childishly over whose stairwell or office will lose a few square feet. Just how large is an elevator shaft, anyway? Well, the new elevator in Logan Hall has a shaft that is sixty square feet in area, just precisely the

continued past insert

SPEAKING OUT welcomes the contributions of readers. Almanac's normal Tuesday deadline 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.

size, say, of a small bathroom. I trust that I am not the only person in the room aware of the strange paradox that both the Provost's and President's offices have private bathrooms, surely an indefensible luxury when discrimination against the handicapped throughout an enormous building could be removed by making an elevator shaft of one of them. That of the Provost, I believe, is most accessible to the main corridor. How felicitous, then, that the Provost is our chief advocate of affirmative action!

Let me speak proleptically now. I know that some will say that there are too few handicapped members of our community for this matter to be an urgent one. I say in response to that objection that if there were even *one* person at this university to whom we deny access to any facilities, that would be one person too many. And besides, I would add, we have never taken a true census of disabled people here. In addition to the permanently handicapped, there are those

who suffer from temporarily disabling injuries or operations—several hundred people a year, in fact—the *temporarily handicapped*. They need equal access, too. There will be those who will say that the expense of removing all barriers to equal access is too great, and that the University had done enough. I answer, try that argument against some other minority and see how far it gets you! And the expense of removing every barrier to equal access would be modest indeed if you compared it to the *annual* cost of endlessly moving and relocating and refurnishing our administrative offices. There are those who will say that we already have a perfectly fine plan for removing those bars to equal access—to them I say that the truth about that plan is that it is so vague that it does not contemplate removing all barriers until the end of the decade that we are just starting, if even then!

I could go on for much longer in this mood, but even if I spoke for an hour I could not begin

to convey the suffering and humiliation that a handicapped person feels *every day* merely trying to get around this campus. I know that no one in the administration will answer my plea by saying that they intend to ignore the handicapped — no one could be *that* crass — but before I will believe that our long tragicomedy — no, I should call it a farce — on true compliance is over, I hope that someone will present me with *proof*, in writing, that we are really installing that elevator. I hope now that all can see how far from the truth is Provost Ehrlich's statement that "we are going further than Washington requires in all sorts of ways." Well, I know *one* way in which we are *not*.

I conclude: the next time, ladies and gentlemen, that any of you enters College Hall, count those steps!

— Paul J. Korshin,
Professor of English

Asbestos

Following the February 10 University Council meeting in which asbestos was an agenda item, Almanac requested copies of the information pieces sent to residents of buildings identified as having asbestos in their construction. The letter below was hand-delivered to residents' rooms at the beginning of the fall term, and recirculated February 10 with a cover note from the Office of Residential Living which re-emphasized the "Do's and Don'ts" as follows:

Don't hang posters, plants, hangers, etc., from the ceiling, in that any tampering with the asbestos can dislodge it.

Don't touch, scratch or otherwise disturb the ceiling.

Do report if the ceiling surface has been disturbed by cracking, chipping, flaking or water damage (leaks). This can be done on a repair slip, available at the reception desk.

The Council reports given on February 10 (by Director of Residential Living Carol Kontos and by Matthew Finucane, director of Environmental Health and Safety Office) expanded upon the details of inspection and monitoring.

TO: University Residents
FROM: Norman O'Connor, Associate Director, Physical Plant
DATE: August 28, 1981
SUBJECT: University of Pennsylvania Asbestos Control Program

As previously indicated in a report to University Residents, dated March 16, 1981, a survey of the University residence buildings was conducted in the fall of 1980 by a consultant group with extensive experience in asbestos-containing materials. The consultants inspected residence ceiling surfaces, sampled and analyzed ceiling materials, rated contamination potential, and developed a program of control action.

The results of the report submitted by the consultants indicated that there is asbestos present in the ceiling material of High Rise North, Harrison House, Harnwell House, Van Pelt House, Class of '25, DuBois House, Nichols House (Graduate Tower A), Graduate Tower B, Ward, Warwick and McIlhenny.

In all cases the asbestos content of the ceiling material is relatively low. The material is also of relatively low friability (breakability). It will not easily release fibers, even when flaking or cracked. The presence of asbestos in the ceiling material is a concern to all members of the University community; however, there is no cause for alarm. There is a need for maintenance of the material and, in some areas, corrective control action is required.

The present status of the situation is as follows:

An inspection and evaluation was conducted during the past several months in all public spaces of residential buildings. Surveillance of the material by University staff will be a continuous program. Appropriate action will be taken as required, based on circumstances and conditions. Air sampling and bulk sampling will be conducted, as required, and evaluated by an accredited laboratory, complying with recognized methods for conducting such tests.

As a result of the inspections, all asbestos-containing ceiling covering in Ward, Warwick and McIlhenny was removed. Additionally, in some areas of Chestnut the ceiling material was found to contain friable asbestos and was also removed.

The asbestos-containing ceiling covering, first floor, east wing of the DuBois House was removed to accommodate extensive renovation work in that area.

The removal projects were conducted by qualified personnel, under strict specifications, meeting all requirements of the Federal and State authorities having jurisdiction in such matters. Required air monitoring was conducted during the removal process, the results of which were determined to be negative. Tests were conducted by an accredited laboratory and are available for review in the Safety Office.

A program was conducted to accommodate future maintenance of smoke detectors, heat detectors and exit signs in all buildings in the Superblock Complex. To insure that maintenance personnel, when servicing these devices, do not disturb the asbestos-containing ceiling covering, a special penetrating sealant was applied. Air monitoring was conducted during this process, the results of the sampling indicated that no asbestos fibers were released in the atmosphere.

Control Program/ Residents

Avoid disturbance of the ceiling material. Hanging plants or banners from the ceiling is an unacceptable disturbance. Room dividers must be built to a low height so that ceiling material is not disturbed. Athletic activities such as soccer, frisbee, etc., must be eliminated.

Report ceiling damage. All damage will be inspected by trained personnel and appropriate management decisions will be implemented.

If you have any questions, or would like to see the full report which has been shared with the Undergraduate and Graduate Assembly representatives, please contact Norman O'Connor, Associate Director of Physical Plant, at Ext. 7202. Significant developments will be relayed to you as soon as possible.

Periodicals on the Penn Campus

A number of periodicals are published and/or edited by schools, departments and divisions of the University of Pennsylvania. Some of them are scholarly, but others are intended for a more general audience. Some are available by subscription, via membership in a society, and some are free for the asking. We have attempted to group the publications alphabetically under general discipline categories. This is the most current list that we could compile. If you have any others, please let us know.

Alumni Relations publications 4025 Chestnut Street/T7: **Health Affairs**, John W. Hayden, editor, contains news and features about the medical activities of the University. Quarterly publication for alumni of the medical, dental, veterinary and nursing schools.

The Pennsylvania Gazette, Anthony A. Lyle, editor, is a composite of news, features and literary pieces about the University and its people. Eight issues per year; alumni free, parents of alumni and others by paid subscription of \$15 per year.

Omnibus Mailing, Sally Johnson, editor, is a listing of activities, functions and programs of interest to alumni and their families. Published twice a year for undergraduate and some graduate school alumni.

American Business Law Journal, Frederick G. Kempin, Jr., editor, is the main academic journal for the business law and teaching profession containing articles relating to all fields of commercial law. Quarterly publication available through membership in the Law Association. Inquiries: 805 Centenary Hall, CC.

American Journal of Legal History, Frederick G. Kempin, editor, is the official publication of the American Society for Legal History. Quarterly publication for membership in the Association. Inquiries: 805 Centenary Hall, CC.

American Quarterly, Bruce Kuklick, editor, is an interdisciplinary journal and the official journal of the American Studies Association. Five issues per year by membership in the Association. Inquiries: 307 College Hall, CO.

Amici, Dr. Werner Gundersheimer, editor, is the newsletter for the Center for Italian Studies and is sent to members of the organization, Amici, the Center, faculty and administrators involved with Italian studies. Inquiries: 535 Williams Hall, CU.

The Annals, Richard D. Lambert, editor, is a publication of the American Academy of Political and Social Science. Eight issues per year for \$18. Inquiries: 820 Williams Hall, CU.

Annenberg School of Communications Press, 3620 Walnut Street, C5:

The Journal of Communication, George Gerbner, editor, is a quarterly publication devoted to communication, theory, research, policy and practice. Subscribers include members of the International Communication Association, government and academic institutions and others in related fields. \$20 per year and \$6 for a single copy.

Studies in Visual Communications, Larry Gross, Penn, Jay Ruby, Temple, editors, features theoretical and empirical studies in visual communications from a diverse range of disciplines within the social sciences. Published quarterly at a cost of \$18 per year.

The Annual Minutes of PSCO (Philadelphia Seminar on Christian Origins), Robert A. Kraft, coordinator, is published each winter of the preceding year by the Department of Religious Studies. A contribution of \$1 is requested for non-participants. Inquiries: Department of Religious Studies, Box 36 College Hall, CO.

Archives, F.J. Dallett, editor, is a Penn report of operations in narrative form, published biannually and sent to selected members of the administration, faculty, all donors to the collection, contributors and a few colleague institutions. No paid subscriptions. Inquiries: Office of the Archives, Ext. 7024.

Bell Journal of Economics, Dr. Oliver E. Williamson, editor, specializes in applied microtheory, theoretical, empirical and public policy as related to the study of firm and market structures. Semi-annually, free. Inquiries: 516 McNeil, CR.

Bellwether, John E. Martin, VMD, editor, is the newsletter of the School of Veterinary Medicine and is published four times per year for those persons in that discipline. Inquiries: 3850 Spruce Street/HI.



Dental School Publications, 4001 Spruce Street/A1: **Acrylic Press UPSDM Newsletter**, Bill Messersmith, editor, contains news of the School of Dental Medicine and is published weekly. Free.

Compendium on Continuing Education in General Dentistry, Walter Cohen, editor, is a bimonthly magazine on general dentistry. Subscription is \$24 per year.

Penn Dental Journal, Neal Gittleman, editor, is the oldest dental journal extant—began in 1897 with emphasis on all phases of dentistry. It is published three times a year for dentists and dental students. Subscription is \$8 per year.

Dental Alumni News, J. Pearl, editor, is a yearly newsletter for alumni of the dental school. Free.

Edebiyat, Dr. William Hanaway, editor, includes Middle Eastern literature from ancient to modern, literary theory, creative translations and surveys of the current literary scene. It is published biannually and is sent to scholars and general readers whose interests extend to non-western literature. Subscription is \$12. Inquiries: Middle East Center, 838 Williams, CU.

Faculty Tea Club Newsletter is published several times per year for members of the Faculty Tea Club. Inquiries: Ext. 4655.

Graduate School of Education Newsletter, Dr. David Webster, editor, is published three times annually for alumni and campus colleagues only. Subscription service is not available.

Graduate School of Education Center for Field Studies, Dick Hiesler, D-8, Education, C1, Ext. 5695:

Guide to Pennsylvania School Finance, 1980, 3rd edition, William B. Castetter, Norman B.L. Ferguson, Richard S. Heisler, editors, contains formulas for distributing state funds for schools and for controlling funds.

Developing and Defending A Dissertation Proposal, 2nd edition, William B. Castetter and Richard S. Heisler, editors.

Hispanic Review, Russell P. Sebold, editor, is a quarterly journal devoted to research in the Hispanic languages and literature. Subscription is \$15 per year. Inquiries: 512 Williams Hall, CU.

International Economic Review, Robert A. Pollak, editor, is one of the top ten academic publications in economics and is sent to academics and researchers in economics. Published in February, June and October at a cost of \$30 per year, \$17 for students. Inquiries: 447 McNeil, CR.

International Education Review, Humphrey Tonkin, editor, contains items of interest in the field of international education. Published by the International Programs Office and The Pennsylvania Council for International Education (PaCie). Free. Inquiries: 133 Bennett Hall, D1.

International Regional Science Review, Ronald E. Miller, editor, focuses on multi-disciplinary research on regional policies. Published twice yearly at a cost of \$9. Inquiries: 247 McNeil, CR.

Isis, Arnold Thackray, editor, is an international review of the history of science and its cultural influences. Published 4 times per year; subscription is \$25, students is \$14.50. Inquiries: Isis Publication Office, Smith Hall/D6, Ext. 8575.

The Journal of the American Oriental Society, Ernest Bender, editor in chief, presents publication and research in Oriental languages, literatures, history and art. Membership dues in the Society, \$25 for individuals, \$12.50 for students, \$10 for professors, emeriti and servicemen. Inquiries: Williams Hall, CU.

Journal of Comparative Law and Securities Regulation, Noyes E. Leech and Robert H. Mundheim of the Law School, editors, is a mechanism for the exchange of ideas and information about practices and theories of the structure, operation and regulation of capital formation and capital markets throughout the world. Quarterly. Inquiries: North-Holland Publishing Company, PO Box 211, 1000 AE Amsterdam, The Netherlands.

Journal of Economic Theory, Karl Shell, editor, publishes articles on economic theory and related mathematical techniques, bi-monthly. Inquiries: 438 McNeil, CR.

Journal of Forecasting, J. Scott Armstrong, one of its editors, is an international journal aimed at unifying the field of forecasting, its practice and theory. This new quarterly journal will begin publication in 1982. Inquiries: Ext. 5087.

Journal of Marketing, Dr. Jerry Wind, editor, serves as the leading marketing publication for the benefit and enhancement of members of the business and academic communities. Quarterly, \$24 per year. Inquiries: 933 Centenary Hall, CC.

Journal of Regional Science, Ronald E. Miller, editor, focuses on articles exploring the structure, function, and operation of regions from an economic, social and political standpoint. Published quarterly by the Regional Science Research Institute, Amherst, Ma., in cooperation with Penn's Department of Regional Science. Subscription rate is \$35 per year or \$10 per copy. Inquiries: 247 McNeil, CR.

Journal of Social Work Process, Julia Bishop, alumna '81, editor for the most recent issue, published only occasionally. Distributed through the library of The School of Social Work and through Annual Giving.

Keystone Folklore, David Axler, editor, is the official publication of the Pennsylvania folklore Society and carries articles that deal with current topics in the field of folklore and related disciplines, often drawing upon fieldwork done in the Pennsylvania area. Published two-three times per year and includes membership in the Society. Inquiries: 415 Logan Hall, CN.

Language in Society, Dell Hymes, editor, is a publication in the field of sociolinguistics, and is for linguists and others interested in social aspects of language in the U.S., Canada and Europe. Subscription rate is \$28.50 per year. Inquiries: 3600 Walnut, C1.

Law School Publications, 3400 Chestnut Street/14, Ext. 6321:

Black Law Journal, Cassandra N. Jones, editor, student editorial board of Penn Law School, is published three times yearly. Subscription rate, \$12.50, \$7.50 for students.

Law Alumni Directory, edited by the Law Alumni Office, lists Law School alumni, alphabetically, geographically and by class. Published once every five years. Subscription rate is \$22.50 per volume; Law School administration and faculty at no cost.

The Law Alumni Journal, Libby S. Harwitz, editor, is published three times per year for alumni of the Law School, students, administrators and members of the Law School Board.

Law Review, Dale Louise Moore, editor, publishes articles on legal scholarship for law libraries, firms, government agencies, financial institutions, judges, scholars and students. Six issues per year at \$24.

Law School Admissions Information and Application, edited by the Admissions Office, for persons applying to the Law School. Published annually in August.

The Daily In

Student Protesters Struggle
Concessions Won At



Law School Annual Report, edited by the Law School, summarizes individual annual giving campaigns and lists contributors. Published each fall and mailed to alumni.

The Law School Bulletin, edited by the vice dean's office, publishes degree requirements and curriculum of the Law School for applicants, faculty and other schools. Published annually in October.

The Law School Student Handbook, Gloria Watts, editor, includes information on faculty, students, and the Law School for all newcomers to the School. Published once every two years.

Placement News, Elizabeth Engl, editor, is a newsletter for job-seeking alumni. It is published monthly, except October and September at a cost of \$10 per year. Available only to Penn Law Graduates.

The Report-Yearbook of the Law School, Alba Conte, L. 82, editor, is published annually in the spring by members of the graduating class for the Law School community.

Women's Law Group Newsletter, published monthly.

The Woman and Law Handbook, Alba Conte, L. 82, editor, is a resource and research guide.

Libraries, Van Pelt Library/CH:

The Library Chronicle, published by the Friends of the Library, is a scholarly journal which explores the resources of Van Pelt and other libraries. This bi-annual report may be obtained by joining the Friends, Van Pelt Library. **University of Pennsylvania Libraries Newsletter**, Jean Farrington, Mary Jackson and Eleanor Maass, editors, is for the staff of the libraries and is free.

Medical/HUP Inquiries: HUP, 3400 Spruce Street, G1:

Center for the Study of Aging Newsletter, Lorraine Hanaway, editor, contains news stories and articles on aspects of aging or the aging process. Published four times per year for gerontologists, faculty, and students of medicine, nursing, social work, biomedical sciences and individuals concerned with the aged. Free upon request. Ext. 4811.

Center for the Study of Aging Newsletter Supplement; issued during intervals between issues of Newsletter.

Center Post, Carol Barralle, editor, is the newsletter of the Presbyterian-University of Pennsylvania Medical Center concerning resources, health problems, activities and events. Inquiries: 39th Market, phone, 662-9140.

Diagnostic Services Newsletter, John Eisenberg, M.D., M.B.A., Sankey Williams, M.D. and Elliot Sussman, M.D., editors, is published periodically and concerns effective and efficient use of diagnostic tests.

Events Bulletin, Ruth L. Wright, editor, is published by the department of pathology and laboratory medicine, monthly, for pathology residents. Free.

HUP Medical Staff Newsletter, Donna Ursillo, editor, includes actions, policy, honors, awards, calendar of events and general hospital news for HUP physicians. It is free and published monthly.

HUP Trustees, Advisors, Executive and Medical Staff Bulletin; yearly publication by HUP Personnel Relations.

Industry Advisory Board Newsletter, contains articles for HUP physical medicine and rehabilitation center.

LDI News, published by the Leonard Davis Institute of Health Economics, bi-monthly, on health policy and management for Penn. Inquiries: LDI, 3641 Locust Walk, CE.

The Leonard Davis Institute of Health Economics Interchange, published annually by LDI, is a national newsletter on health policy and management. Inquiries: LDI, 3641 Locust Walk, CE.

Newsletter, Rehabilitation Research and Training Center in Aging, Tamerra P. Moeller, director of training of Rand T. Center, editor, is published four times annually for HUP Geriatric Rehabilitation. Free. Inquiries: 2U NEB, 420 Service Dr/S2.

Pharmacy Newsletter, Geoffrey Zeldes, Pharmacy D. and Stephen J. Prevotnik, M.D., editors, communicates drugs and drug therapy information and forms decisions and policies for the discipline. Inquiries: Douglas E. Miller. Ext. 2900.

Pharmacy Therapeutics News, for nurses to communicate information on drug therapy and on drugs; monthly. Inquiries: Douglas Miller, Pharmacy D., Ext. 2900. (Soon to be published).

Vital Signs, Maureen Parris, editor, is a magazine of information on patient services, growth, expansion and financial status of HUP. Quarterly; free.

HUPdate Richard R. Gross, editor, published twice monthly for HUP employees. Limited external distribution. Inquiries: Public Relations/Health Office, 3401 Market Street/Room 300, Philadelphia, 19104.

Clinical Nutrition Newsletter, Wanda Hain, editor, is published monthly for a national professional audience.

Nursing Alumni Newsletter, Cynthia Engman, editor, is published quarterly for School of Nursing alumni.

Nursing Newsletter, Julie Fairman, editor, is published monthly for HUP nursing staff.

Nursing Research Newsletter, Dr. Margaret Fuhs, editor, is published quarterly for HUP nursing staff.

Rehabilitation Research and Training Center in Aging Newsletter, Catherine Snyder, Ext. 5675, is published quarterly for federal, state and local personnel in rehabilitation aging and mental health.

SEI (Schele Eye Institute) publications. Inquiries: Presbyterian; University of Pennsylvania Medical Center, Myrion Circle, 51, North 39th Street, Philadelphia, 19104: **Closer Look** (begins in 1982) is a quarterly publication which goes to staff and doctors affiliated with SEI.

State of the Department, is a yearly publication listing achievements during the year in teaching, research and patient care.

Viewpoints, Lois Sack, editor, is a quarterly publication on news and fund raising of the Institute for patients and friends.

Medieval Newsletter, Allison Mankin, editor, is published eight times per year and includes notices of the events and courses which would be relevant to those interested in Medieval Studies. Cost: faculty, \$8, students, \$4. Inquiries: 214 Bennett Hall, DI.

Morris Arboretum Newsletter, Ann F. Rhoads, editor, is devoted to Arboretum news and development and general horticultural news. Published six times per year, subscriptions may be obtained through membership in the Morris Arboretum. Inquiries: 9414 Meadowbrook Ave., Philadelphia, 19118.

NewsBriefs, Donna Okonski, editor, is published by GSE and contains articles aimed toward schools and reflects the research activities of faculty members. Inquiries: 3600 Walnut St. C1.

Nutrition News is published monthly by the Dining Service and contains articles on nutrition. Free. Inquiries: 3800 Locust Walk, BA.

Office of International Programs Newsletter, Clayton Cary-Naff, editor, is published twice yearly for deans, department heads, upper level administrators and other interested persons in the University. Free. Inquiries: 133 Bennett Hall, DI.

Orbis: A Journal of World Affairs, Alan Ned Sabrosky, editor, is a scholarly journal on international relations and foreign policy. Published by the Foreign Policy Research Institute in association with the Graduate Program in International Relations. Subscriptions are \$15 per year. Inquiries: Ms. Julie Johnson, 3508 Market Street, Philadelphia, 19104.

Papers, R.S.A., Ronald E. Miller, editor, is published twice yearly by the Regional Science Association and contains selections from conferences. Subscription is \$12.50 yearly. Inquiries: 247 McNeil/CR.

Pennsylvania Consumers Board publications, Houston Hall, CM:

Caveat Emptor is a DP bi-weekly column the purpose of which is to inform the consumer of his rights of tenant and consumer.

Consuming Apartments is a guide to apartment renting which can be purchased for \$1.25.

PCB Landlord Survey is a rating of major area landlords.

PCB Supermarket Survey is an assessment of prices, store policy and cleanliness of local area supermarkets.

Pennsylvania Sport, is a newsletter of the Weightman Society published six times per year. Inquiries: Weightman Society, Weightman Hall, E7.

PLGTF Bulletin is a quarterly newsletter published by the Philadelphia Lesbian and Gay Task Force of the Christian Association. Inquiries: 386-1610.

School of Social Work publications, 3701 Locust Walk, C3:

Journal of Social Work Process is distributed through the alumni association and the School of Social Work for alumni of the School.

Sociolog, Sandie Bauman, editor, is published once or twice per year with news of the School of Social Work. It is distributed to alumni and other graduate and undergraduate schools with programs in social work.

South Asia Regional Studies, 820 Williams Hall, CU:

Outreach Newsletter, Joyce Pressley, editor, published quarterly and sent to local schools, colleges and universities.

Publications Series of the South Asia Department, lists teaching materials, seminar series, student papers and papers for sale through the department.

South Asia Seminar, published annually and lists themes and visiting speakers.

Transportation Newsletter, Steven B. Gerber, editor, is published six times per year and contains news of the Transportation Program of the School of Public and Urban Policy. Inquiries: Department of Regional Science, Fels B1.

University Museum publications, 33rd and Spruce, FI:

Expedition, Bernard Wailes, editor, is a magazine issued quarterly which includes articles on archaeological and anthropological subjects. Subscriptions are free to museum membership or are \$10 for one year, \$18 for two years.

MASCA Journal, Stuart Fleming and Kathleen Ryan, editors, is published twice a year and contains articles on scientific methods applied to archaeology and anthropology. Subscription rate is \$11 annually.

Journal of Cuneiform Studies, is published by the American Schools of Oriental Research and contains general historical, literary and interpretive articles on the cuneiform languages. Quarterly; \$25 annually.

University Museum Newsletter, edited by the Women's Committee of the Museum, is published six times per year and reports on Museum news, exhibitions and events.

University Wildlife, Deborah S. Levinson, editor, covers the news, people, calendar events and other matters concerning the VPUL division offices. Inquiries: Ext. 8611/6081.

Wharton School publications, Inquiries: Centenary Hall, CC:

Anvil, Margaret Finn, editor, is a non-subscription magazine for alumni of the Wharton School, published quarterly.

The Industrial Research Unit, publishes books and monographs in the broad field of employee relations, personnel, labor relations, collective bargaining, manpower and more. Inquiries: Vance Hall, CS.

Continued

February 23-March 7

The Wharton Center for International Management Studies Newsletter, Jerry Wind, editor, reports on the Center's activities. Published three times per year.
Wharton Journal, graduate student newspaper.
Wharton Magazine, William K. West, editor, is a quarterly journal which contains articles on management and other topics of interest to working managers. \$5 per copy or \$14 per year.
Wharton Notes is a monthly newsletter on internal faculty and School summary of activities.
Wharton Partnership Annual Report.
Research Update, is a quarterly newsletter on research.

Wistar Institute of Anatomy and Biology publications, 36th and Spruce, CB:

The World of Wistar, Margaret P. Davies, editor, published by the Friends of Wistar for their support group. Payment of dues entitle Friends to receive it semiannually.
The Wistar, Margaret P. Davies, editor, is for employees and other persons connected with the Institute.
Biennial Research Report of the Wistar Institute, 1978-79, produced by Dr. David Kritchevsky, and incorporates summaries of research.
Annual Report of the Wistar Institute, Crossing the New Frontiers of Biology, June 1981. Barbara G. Rubin, editor.

Special Resources

Admission Information office and the College of General Studies publish several booklets for students. Inquiries: 1 College Hall, CO.

Handbook, Harold Taubin, facilities development, editor, describes the resources and facilities available to, and accessible to, the handicapped. Inquiries: Programs For The Handicapped, Room 4, Bennett Hall, D1, Ext. 6993. Cost: \$1.

Purchasing News of Note, Robert M. Ferrell, editor, is a monthly newsletter containing items for business administration offices, operational services and the Comptroller's office. Inquiries: 700 Franklin Building, I6.

Safer Living Guide, published by the department of public safety, and contains security tips, telephone numbers and information public for safer campus living. Inquiries: Department of Public Safety, a unit of Operational Services, 3914 Locust Walk, BE.

The University of Pennsylvania Press publishes books, many by University authors, on a wide variety of subjects. For a catalog, call Ext. 6261, 3933 Walnut Street, T8.

Student Publications:

Most of these publications are distributed in dorms and administration buildings. Copies may also be obtained by contacting the Office of Student Life at Ext. 6533.

Black Student News; a newsletter featuring articles of interest to minority students and staff. Published approximately six times a year.

Columns; the quarterly journal of current events.

The Daily Pennsylvanian; undergraduate newspaper published daily Monday through Friday except during breaks. Supplement every Thursday. The 34th Street Magazine. Ext. 6585. Free of charge at drop-off points throughout campus.

Intro to Penn; the University's official student handbook. Published annually.

Penn In Ink; edited by GSFA students; news magazine of the Graduate School of Fine Arts for GSFA affiliated persons; only two issues published thus far. Available through the Dean of GSFA, 102 Fine Arts Building, CJ.

Penn Press; a tabloid newspaper covering campus and national issues. Published approximately six times a year.

Penn Review; the undergraduate literary magazine. One issue each semester.

Penn Triangle; the undergraduate engineering magazine, including the fine arts and the sciences. Published three times/year.

Poor Richard's Record; the undergraduate yearbook.

Powerline; a newsletter covering energy related issues.

Punch Bowl; the campus humor magazine. Published twice/year.

Scue Course Guide; is an evaluation of courses with comments on the instructors. Published each Spring prior to preregistration.

A Voyage Out; the women's literary magazine is sponsored annually by the Women's Alliance and the Penn Women's Center. Inquiries: Ext. 8611.

Wharton Account; the undergraduate business magazine is published three times per year. Inquiries: Ext. 4976.

WXPN Program Guide; is a monthly tabloid in *City Paper* containing articles and program schedule. Inquiries: Ext. 6677.

Children's Activities

Films

February 27 *This Island Earth*

March 6 *The General*

Films are free, screened Saturdays at 10:30 a.m. in Harrison Auditorium of the University Museum. Recommended for children aged five and older.

Special Events

February 28 The Children's Folklore Series of International House presents *American Children's Games: Singing Games, Play Parties, Hand-Clapping Games and Songs*; 2 p.m., International House. Admission is \$2.50; \$2 for children, senior citizens, and I.H. members.

March 6, 13, 20, 27 and April 3, 10 The University Museum presents six lectures on *The Secrets of Egyptian Hieroglyphs* for ages 12 through 16 by Diana Craig Patch; 10 a.m.-noon, Room 229. For registration call the Museum at Ext. 4026.

Exhibits

Ongoing *Polynesia*, a new permanent exhibition at the University Museum.

Through February 26 *The Drawings of Gordon Cullen*, town planner; *Lawrence Halprin*, environmental designer; and *Stephen Kieran*, architect; in the Graduate School of Fine Arts Gallery.

Through February 28 *Themes for Black History*; featuring painting and sculptures expressing contemporary black experience in America, 3-6 p.m., W.E.B. DuBois House.

Through March 11 *An Exhibition in Celebration of 101 Years of Black Presence at Penn*, at the Houston Hall Art Gallery.

Through March 19 The wood carvings of Dr. Jay N. Zemel, Penn professor of electrical engineering, and the paintings of Yvonne Garner, artist and wife of Harvey L. Garner, Penn professor of computer information science, at the Faculty Club Lounge.

Through April 30 *The American Theatre in the 19th Century*; Rosenwald Gallery, 6th floor, Van Pelt Library.

Rare Shakespeare Books and Prints from Penn's Furness Shakespeare Library; Klein Corridor, 1st floor, Van Pelt Library.

Gallery Hours

Faculty Club 36th and Walnut. For information regarding hours call Ext. 3416.

Graduate School of Fine Arts Gallery Thursday-Tuesday, 10 a.m.-5 p.m.; Wednesday, 10 a.m.-8 p.m.

Houston Hall Art Gallery Monday-Friday noon-6 p.m., Saturday and Sunday noon-4 p.m.

Rosenwald Exhibition Gallery, in Van Pelt Library, Monday-Friday, 9 a.m.-5 p.m.

University Museum, 33rd and Spruce, phone: 222-7777, Tuesday-Saturday, 10 a.m.-4:30 p.m.; Sunday, 1-5 p.m. Closed Mondays and holidays.

W.E.B. DuBois House, 3900 Walnut Street, 9 a.m.-9 p.m.

Gallery Talks and Tours

February 24 *Classical World*.

February 28 *Archaeology*.

March 3 *Archaeology*.

March 7 *China*.

These Wednesday and Sunday tours are free and begin at 1 p.m. at the main entrance of the University Museum.

Films

American Civilization Films

February 26 *The Last Supper*; 3 p.m., American Civilization Graduate Lounge, 3rd floor, College Hall. Admission is free.

Center for Italian Studies Films

February 24 *A Man For Burning*; 5:30 p.m.; *Allonsanfan*; 8:30 p.m.

February 25 *Under The Reign of the Scorpion*; 5:30 p.m.; *Padre Padrone*; 8:30 p.m.

February 26 *San Michele Had A Rooster*; 5:30 p.m.; *Il Prato*; 8:30 p.m.

The Taviani Film Festival is held in the Annenberg School Theater. For more information call ext. 8279.

Exploratory Cinema

February 24 *Storm Signal and East 103rd Street*.

March 3 *Schmeergutz and A Wife Among Wives*.

Films are screened in the Studio Theatre of the Annenberg Center at 7:15 and 9:30 p.m. Admission is \$2 with an ID and \$3 for others. For more information call Ext. 7041.

GSAC Film Series

February 26 *The Blue Angel*.

March 5 *Viridiana*.

Films are held in Room B6 Stiteler Hall, Fridays at 7:30 and 10 p.m. Admission is \$1.50 or \$10 for a season pass.



Rosie the Riveter, March 5 in Films, below.

International Cinema

February 24 *Salt of the Earth*; 7:30 p.m.

February 25 *Breathless*; 7:30 p.m.; *Pixote*; 9:30 p.m.

February 26 *Pixote*, 4 and 7:30 p.m.; *Breathless*; 9:30 p.m.

March 3 *Northwest Shorts*; 7:30 p.m.

March 4 *Three Films on South Africa*; 7:30 p.m.; *Contract*; 9:30 p.m.

March 5 *Contract*, 4 p.m.; *With Babies and Banners and The Life and Times of Rosie the Riveter*; 7:30 p.m.; *Contract*; 9:30 p.m.

All International cinema films are held at International House, 3701 Chestnut Street. Admission \$2.50 for evening shows and \$1 for matinees. For more information call 387-5125, Ext. 201.

Penn Union Council Film Alliance

February 25 *The First Annual Amateur Filmmakers Contest*, in High Rise East Rathskeller, 8 and 10:15 p.m. Tickets are \$1.

Penn Union Council Movies

February 26 *All That Jazz*; 7:15 p.m.; *Lady Sings The Blues*; 9:30 p.m. and *True Grit*, midnight.

February 27 *Clockwork Orange*; 7, 9:30 p.m. and *To Have and Have Not*, midnight.

March 6 *Casablanca*; 7:30, 11:15 p.m. and *Play It Again Sam*; 9:30 p.m.

Films are screened in Irvine Auditorium and admission is \$1.25.

University Museum Sunday Film Series

February 28 *The Last Tasmanians*.

March 7 *Chamber Music Concert* at 2:30 p.m., Harrison Auditorium.

Films are screened at 2 p.m. in Harrison Auditorium of the University Museum. Admission is free. Children are not admitted unless accompanied by an adult. For more information call Ext. 4025.

University Museum Film and Commentary Series

February 24 *American Samoa: Paradise Lost?*

March 3 *Mokil*.

The South Pacific Viewed and Reviewed. Films are held in the Rainey Auditorium of the University Museum at 5:45-7 p.m. For more information call Ext. 4025.

Music

February 26 The Telemann Players present an evening of *Baroque Triosonatas* in conjunction with the gallery opening of a *Photography Show* by Brian Peterson, sponsored by The Undergraduate Music Society and The Philomathean Society; 7:30 p.m., Philomathean Art Gallery, College Hall.

February 28 Penn's Undergraduate Society presents a *Piano Recital* with Sharon Levy, pianist; 3 p.m., Max Cade German Center.

March 7 Eugene Narmour conducts the *University Symphony Orchestra* in a free concert at 3 p.m., Hill House.

On Stage

February 25-27 Penn Players presents *As You Like It*, Dr. Cary Mazer, director, Penn assistant professor of English and co-chair of theatre arts; 8 p.m., Prince Theatre, Annenberg Center. For ticket information call the box office at Ext. 6791.

February 26 Quaker Notes presents, *Jamboree*, 8 p.m., Harrison Auditorium of the University Museum.

February 26-27 The Penn Black Drama Ensemble presents *Black History Month*, in the multi-purpose room of DuBois House.

March 4-6 Hill Players presents *Fiddler On The Roof*, 8 p.m., Annenberg Auditorium.

March 7 *Together For One Performance*, Allen Krantz, classical guitar, Jonathan Bieler, Violinist with the Philadelphia Orchestra and Lisa Bardson, dancer with the Pennsylvania Ballet; 8 p.m., Annenberg School Theatre. For more information call Ext. 4444 or 7581.

Special Events

February 23 *Steamboat Roast Buffet Dinner*, 5-7:30 p.m. at the Faculty Club. Call Ext. 4618 for details.

Year 101 Events presents *Fannie Bell Chapman: Gospel Singer, and Two Black Churches*, films; 7:30 p.m., HPS Room, Houston Hall (Undergraduate Sociology Society).

February 25 The Christian Association's Cultural Harvest Program presents *Indecent Exposures*, an evening of live music, dancing, songs from the hit show, *Report on a Castaway*; 7:30 p.m. at the Christian Association. For tickets and information call the CA at 387-3268.

February 26 *The Next Community Breakfast*, sponsored by the Community Relations Office, will be followed by a *SEPTA* presentation on refurbishing University City area subways; 8 a.m., Stouffer Dining Commons.

The HERS alumni organization invites interested persons to attend a brown bag lunch meeting about the HERS Summer Institute; noon, the Green Room, Class of 1920 Dining Commons.

March 7 Hillel/JCAB presents *Love and War: Values Crisis in America*, a one-day conference; 10 a.m., Fine Arts Building. Students free; \$5 for faculty and others.

Sports (Home Schedules)

For more information on sports call Ext. 6128; for ticket information call Ext. 6151.

Locations: Hutchinson Gym: *Men's and Women's Gymnastics*; Ringe Courts: *Men's and Women's Squash*; Gimbel Gym: *Men's and Women's Swimming*; Palestra: *Men's Wrestling*; *Men's and Women's Basketball*; Weightman Hall: *Women's Badminton*; *Men's and Women's Fencing*; *Men's Volleyball*.

February 23 *Men's Basketball* vs. Princeton, 8 p.m.; *Men's Fencing* vs. Columbia, 7 p.m.; *Women's Fencing* vs. Barnard, 7 p.m.

February 25 *Women's Badminton* vs. West Chester, 4 p.m.

February 26 *Men's Squash* vs. Columbia, 4 p.m.; *Men's Basketball* vs. Dartmouth, 7:30 p.m.

February 27 *Women's Fencing* vs. Cornell, 1 p.m.; *Men's Squash* vs. Princeton, 2 p.m.; *Men's Basketball* vs. Harvard, 7:30 p.m.; *Men's Swimming* vs. Cornell, 2 p.m.; *Women's Squash* vs. Trinity, 11 a.m.

March 3 *Men's Volleyball* vs. Columbia, 7 p.m.

March 6 *Men's Basketball* vs. Columbia, 8 p.m.

March 7 *Men's Volleyball* vs. Cornell, 2 p.m.

Talks

February 23 *Activity and Function of Respiratory Tract Cilia*; Dr. Michael Sanderson, department of anatomy, Albert Einstein College of Medicine; 12:30-1:30 p.m., Psychology Library, 4th floor, Richards Building (Respiratory Physiology Seminars).

Aging Changes in the Arterial Wall Properties; Dr. Robert Cox, Penn associate professor of physiology; 3:30-4:30 p.m., Human Genetics Room 196, Old Medical School Building (The Center for the Study of Aging Seminar Series).

February 24 *Women and Addiction: Drugs and Alcohol*; Rosalie Cohen, executive assistant, Gaudenzia; noon, 106 Logan Hall (Women's Studies Office Brown Bag Seminars).

Song of Solomon by Toni Morrison; 1 p.m., 2nd floor Conference Room, Van Pelt Library (This is a book discussion group which is open to the public; for information call Ext. 7557).

Calcium Currents in Muscle Fibers of the Frog; Dr. Joyce Sanchez, department of physiology and biophysics, University of Washington, Seattle; 4 p.m., 4th floor, Physiology Library (Department of Physiology, Microsymposium).

Patterns of Upper Class Higher Education: 1875-1975; Mr. Richard Farnum; 5 p.m., Room 285-287, McNeil Building (Penn department of sociology, Spring Colloquia Series).

What is Given is No More Than a Way of Taking: Children Learning to Make Sense of Texts; Marilyn Cochran Smith, Penn department of language in education; 7-8:30 p.m., GSE (The Center for Research in Literary Communications Interdisciplinary Colloquia).

February 25 *New Methods of EEG Analysis*; Dr. Hanafy Meleis, Bell Laboratories; 11 a.m., Alumni Hall, Towne Building (Department of Bioengineering Seminar Series).

Public Agricultural Research in South Asia; Carl Pray, research associate, University of Minnesota; 11 a.m., Classroom II, University Museum (South Asia Seminar Series).

Plasma and Brain Catecholamine Changes in an Animal Model of Depression; R. Swenson, Penn postdoctoral trainee; 12:30 p.m., Room 215, Nursing Education Building (The Neuropsychopharmacology Colloquia).

Excitation Contraction Coupling: Changes During Development of Fatigue in Skeletal Muscle Fibers; Dr. Hugo Gonzales-Serratos, department of biophysics, University of Maryland Medical School, Baltimore; 4 p.m., 4th floor Physiology Library (Department of Physiology, Microsymposium).

Islamic Education and Religious Literacy; Dr. Daniel Wagner, Penn Graduate School of Education; 4:30 p.m., West Lounge, Williams Hall (The Middle East Center and the Graduate School of Education Colloquium series: Traditional Education and the Contemporary Islamic World).

Archaeology of the Historic American West; Robert Schuyler, Penn professor, associate curator, American Historical Archaeology Section; 8 p.m., Harrison Auditorium, University Museum (U. Museum Lectures).

February 26 Brown Bag Sessions on *Women's Lives: Yours and Betty's*; Wright, Keystone Alliance; noon, CA 2nd floor Lounge (Common Women, a Peace and Justice project of the Christian Association).



Old World Plants in New World Medicine, March 6, MASCA Spring Seminar, in Talks, right.

Computer Matching of Deformed Images; Dr. Ruzena Bajcsy, Penn associate professor of computer and information sciences, The Moore School; noon, Room 107, Moore Building (The Systems Engineering Department).

February 28 *Buddhism: Its History and Role in Modern Society*; Aaron Billups and Mike Walker, the NSA Buddhist Organization; 2-4 p.m., Room 245, Houston Hall (NSA Buddhist Association).

March 1 *Surface Diffusion in Physisorption and Chemisorption Processes*, Professor Chaim Aharoni, Technion Israel Institute of Technology, Israel; 3:30 p.m., Alumni Hall, Towne Building (Department of Chemical Engineering, Air Products and Chemicals).

The Communications Scene in China—a Peking Experience; Gail Pellet, reporter-producer, news and public affairs, New York; 4 p.m., Colloquium Room, Annenberg School (The Annenberg School of Communications).

March 2 *Cerebral Blood Flow and Metabolism in Psychiatric Disorders*, Raquel Gur, M.D., Ph.D., assistant professor of psychology; 11 a.m., Medical Alumni Hall, HUP (Department of Psychiatry Colloquia).

Introduction of New Genes into The Germinal Cells of the Mouse, Dr. Ralph L. Brinster, Penn professor of reproductive physiology; 4 p.m., Room 151-152, School of Veterinary Medicine (The Veterinary School of Medicine Comparative Cell Biology Seminars).

March 3 *Women in Israel*; Dr. Ada Aharoni, visiting lecturer at Penn, English department; noon, 106 Logan Hall (Women's Studies Office Brown Bag Seminars).

Scientific Adventures on the Slopes of Mt. Everest; Dr. Sunkhamay Lahiri, department of physiology, Penn Medical School; 12:30 p.m., 4th floor, Physiology Library, Richards Building (Department of Physiology).

Catholicism and Society in Postwar Brazil, Professor Ralph Della Cava, department of history, Queens College, CUNY; 4 p.m., HPS Room, Houston Hall (Tinker Lectures and the Committee on Latin American and Iberian Studies).

March 4 *Radio pharmaceuticals for Positron Emission Tomography at the University of Penn*; Dr. Steven Jones, department of neurology, HUP; 11 a.m., Alumni Hall, Towne Building (Department of Bioengineering Seminar Series).

Cultural Diversity and Technological Appropriateness in South Asia; Denis Goulet, O'Neill professor of education for justice, University of Notre Dame; 11 a.m., Classroom II, University Museum (South Asia Seminar Series).

Brown Bag Seminar on Women's Lives: Yours and Eileen's; Gersh, lecturer in biology; noon, CA 2nd floor Lounge. (Common Women, a Peace and Justice project of the Christian Association).

Some Unexpected Clues About Amino Acid Transport; Dr. Halvor N. Christensen, department of biological chemistry, University of Michigan, Ann Arbor; 4 p.m., 4th floor Physiology Library (Department of Physiology, Microsymposium).

March 5 *Mathematical Models of Speciation*; Louis Marks, St. Joseph's University; 2:30 p.m., Alumni Hall, Towne Building (The Lilly Pennsylvania Program).

Origins of Agriculture in the Near East: The Environmental Setting; H. E. Wright, Jr., Regents Professor of geology, ecology and botany, University of Minnesota; 5:45 p.m., Rainey Auditorium, University Museum; (Special Keynote Lecture in conjunction with the MASCA Spring Seminar on March 5 and 6).

March 5, 6 *New Directions in Health Care and Education*; a two-day colloquium organized by Medical School and Nursing school students as a memorial to Thomas W. Langitt, Jr. All programs will be held in Dunlop Auditorium, Medical Education Building. For more information call Ext. 4811. Schedule of talks: March 5, 3 p.m., Barbara Nichols R.N., M.S.N. on *The Nursing Shortage*; 4 p.m., Daniel Brown Ph.D. on *Meditation: Stress Reduction and Altered Perception of Suffering*; 7:30 p.m., John McKinlay, M.D. on *The Effect of Reagonomics on our Health Care System*; 8:30 p.m., Steven Joseph, M.D. on *Political and Economic Factors in Third World Health Care*; March 6, 9 a.m., Linda Bucher, R.N., M.S.N. on *Self-Care: A Patient-Based Approach*; 10 a.m., Carl Taylor, M.D. on *Medical Doctor and Medicine Man: Competing Approaches in Developing Countries*; 11 a.m., Brian Biles, M.P.H., M.D. on *The Doctor Surplus*; 1 p.m., Rebecca Rimel, R.N. on *Minor Illness and Major Consequences*; 2 p.m., Reed Tuckson, M.D. on *A Humanitarian Approach to the Difficult Patient*.

March 6 *MASCA Spring Seminar on Farming and Nutrition in Antiquity*; held in the Mosiac Room, University Museum. For information on other events call the Museum at Ext. 4060. Schedule of talks: 10:45 a.m., *Abu Hureyra and the Beginning of Farming in the Levant*; Andrew Moore, department of anthropology, University of Arizona; 11:30 a.m., *Diet and Agriculture in Predynastic Egypt*; Wilma Wetterstrom, department of humanities, Massachusetts Institute of Technology; 1:45 p.m., *Estimates of Maize's Impact of Developing Cultures*; Robert McK. Bird, Institute of the Study of Plants, Kirkwood, MO; 2:30 p.m., *Nutritional Studies Among a Southern Mississippian Society*; James W. Hatch, department of anthropology, Pennsylvania State University; 4 p.m., *Old World Plants in New World Medicine*; Daniel E. Moerman, associate professor of anthropology, University of Michigan at Dearborn, (Special MASCA Sponsored Lecture).

To list an event

Information for the weekly *Almanac* calendar must reach our office at 3601 Locust Walk, C8 the **Tuesday prior to the Tuesday of publication. The next deadline is February 23 for the March 2 issue.**

Organ Recitals

The first of a series of student-sponsored recitals on the Curtis Organ will be held Thursday, February 25, at 12:05 p.m. in Irvine Auditorium. Richard Clemmitt, a Penn sophomore, will be the principal performer. These recitals are free and open to the public.

The Curtis Organ, with over ten thousand pipes, was built for the Sesquiennial Exposition of 1926. Because the city musicians wanted to keep the organ in Philadelphia, publisher Cyrus H. K. Curtis presented it to the University. Time has damaged some of the organ's delicate parts, thus, the Curtis Organ Restoration Society strives to restore the instrument to its former magnificence.

The dates, times and performers of future recitals on the Curtis Organ will be announced in the *On Campus* section of *Almanac*.

Books and Authors, Year 101

As part of the Year 101 celebration, two autographing parties will be held at the Bookstore next week, alongside a display of black authors' work.

March 2 at 3-4:30 p.m., alumnus David Bradley will sign the book *The New York Times* rated one of the 12 best of 1981: *The Chaneyville Incident*. Poet Sonia Sanchez and Murial Feelings will also autograph their work.

March 4 at the same hour: Lecturer Kristin Hunter autographs her two latest, *Soul Brothers* and *Sister Lou and Lou and the Limelight*. Also featured will be Charles Blockson and Harold Franklin.

Information, Please

Houston Hall Information Services provides two phone numbers for ready access to events on campus. The Houston Hall Information Desk, Ext. 7581, is staffed seven days a week, 10 a.m. to 10 p.m., by student assistants who can answer questions about student activities, calendar information, and more general campus information. In addition, there is a tape recording of events in Houston Hall and Irvine Auditorium that can be called on a 24-hour basis by dialing Ext. 4552. For more information about these services call Ext. 6553.

WXPB: Program Notes

WXPB's program guide is now listed in *City Paper*, which is available at no cost and distributed to various businesses in Philadelphia and on campus to the High Rises, the Christian Association, Van Pelt Library and Houston Hall. Some highlights of next week's programming:

Blacksmithing and Black Inventors, February 28, noon to 1 p.m., winds up a series entitled Expressions, which explored black art and its relationship to the community in celebration of Black History Month.

March 8 features special programming produced by women to mark International Women's Day, the anniversary of the 1908 demonstration in New York City by women demanding the right to vote. Programs will highlight women's achievements in music and present interviews with outstanding women, as well as other special features, including a public affairs broadcast scheduled for 7 p.m.

Where The Wild Things Are

The Wildlife Service of Penn's School of Veterinary Medicine Offers free medical treatment for unowned birds and other animals that are found injured. Anyone can call the Service for advice or treatment for injured wildlife any time of day or night. Once recovered, animals are released into a natural environment if their prospects for survival in the wild are good. Otherwise, they may be put up for adoption.

The Wildlife Service, which was made an elective in the regular curriculum in 1981, got its impetus in 1974 when a group of students was organized by Eileen Hathaway to help wash ducks coated with oil, following the breakup of the tanker, *Corinthos*, in the Delaware River. In the eight years of its existence, the Service has cared for ducks, seagulls, doves, pigeons, turtles, hawks, owls, squirrels, and snakes. The School of Veterinary Medicine bears the cost of radiography, medicines, surgery, and food, although donations are welcomed. To reach the Wildlife Service call Ext. 4680, Monday through Friday, 9 a.m. to 5 p.m. After 5 p.m. and on weekends call Ext. 4685.

OPPORTUNITIES

Listings are condensed from the personnel bulletin of February 22 and therefore *cannot be considered official*. New listings are posted Mondays on personnel bulletin boards at:

Anatomy-Chemistry Building: near Room 358;

Centenary Hall: lobby;

College Hall: first floor;

Franklin Building: near Personnel (Room 130);

Johnson Pavilion: first floor, next to directory;

Law School: Room 28, basement;

Ledy Labs: first floor, outside Room 102;

Logan Hall: first floor, near Room 117;

LRSB: first floor, opposite elevator;

Richards Building: first floor, near mailroom;

Rittenhouse Lab: east staircase, second floor;

Social Work/Caster Building: first floor;

Towne Building: mezzanine lobby;

Van Pelt Library: ask for copy at Reference Desk;

Veterinary School: first floor, next to directory.

For further information, call personnel services, 243-7284. The University is an equal opportunity employer. Where qualifications include formal education or training, significant experience in the field may be substituted. The two figures in salary listings show minimum starting salary and maximum starting salary (midpoint). Some positions listed may have strong internal candidates. If you would like to know more about a particular position, please ask at the time of the interview with a personnel counselor or hiring department representative. Openings listed without salaries are those in which salary is to be determined. Resumes are required for administrative/professional positions.

Administrative/Professional Staff

Administrator, Data Communications (4259).

Applications Programmer II (2 positions) (C0423) (4439) \$16,350-\$22,600.

Assistant Director I (4640) \$13,100-\$17,800.

Assistant Director II (4418) \$16,350-\$22,600.

Assistant Director IV (C0439).

Assistant Director V (C0492).

Associate Registrar (4581).

Business Administrator II (4585) \$13,100-\$17,800.

Captain of Patrol (4542).

Coordinator, Clinical Education (C0179) \$16,350-\$22,600.

Counseling Psychologist II (3945) \$16,350-\$22,600.

Director (4 positions) (4420) (4652) (4653) (4654).

Group Practice Administrator (C0495).

Head Coach, Women's Rowing (4515).

Instrumentation Specialist (4494) \$16,625-\$21,300.

Lecturer Clinical Supervisor (4677) supervises students on cases and teaches classroom and seminar component (member of the Bar; prior clinical teaching experience; three years' experience as a lawyer).

Librarian II (4604) catalogues and classifies monographic materials in German language (MLS from ALA-approved program; two years' cataloguing experience; knowledge of RLIN; familiarity with AACR II, LC classification and subject headings; fluency in German and one other Western European language) \$14,500-\$19,775.

Librarian III (4525) \$16,350-\$22,600.

Planning Associate (4671) supplies data for internal reports and information to external agencies; writes computer programs in Mark IV and other languages; assists in the management of office activities (degree; some programming experience; ability to work with surveys; managerial and analytic skills) \$14,500-\$19,775.

Programmer Analyst II (C0316) \$16,350-\$22,600.

Project Manager II (C0445).

Regional Director of Admissions (4680) develops, coordinates, implements and administers programs to recruit and enroll students; travels extensively; contacts, communicates with, interviews, evaluates and selects candidates (degree; 3-5 years' admissions experience; ability to organize and manage; strong, effective oral and written skills; capacity for long working hours; public relations skills).

Research Coordinator (C0476) \$14,500-\$19,775.

Research Specialist Junior \$12,000-\$16,100.

Research Specialist Junior (2 positions) (C0508) maintains and analyzes DNA and cDNA Drosophila clone banks (degree in chemistry, biology or related field; experience in general biological and recombinant DNA cloning techniques); (C0509) performs protein purification, chromatography, electrophoretic techniques and works with radioisotopes; ability to do research without supervision (degree in biochemistry; two years' experience in research) \$12,000-\$16,100.

Research Specialist I (2 positions) \$13,100-\$17,800.

Research Specialist I (C0496) \$13,100-\$17,800.

Research Specialist II \$14,500-\$19,775.

Research Specialist IV.

Staff Assistant I (4678) supervises and helps train office staff; answers correspondence; coordinates information with other offices; organizes meetings and special functions; assists with publications (degree; three years' secretarial experience in a university setting; good writing and supervisory skills) \$12,000-\$16,100.

Staff Engineer, Electrical (4621).

Supervisor V, Data Processing (4368).

Systems Analyst (2 positions) (C0329) (4613).

Vice Chairman (4590).

Support Staff

Administrative Assistant I (4667) \$11,325-\$14,000.

Administrative Assistant I (2 positions) (4526) (C0483) \$9,925-\$12,500.

Clerk I (4660) \$7,725-\$9,350.

Clerk V (4445) processes papers to payroll; maintains files; verifies employment (high school diploma; six years' clerical experience; accurate typing; ability to work well with students, faculty and staff) \$9,925-\$12,250.

Collection Assistant (4642) \$9,925-\$12,250.

Coordinating Assistant I (4656) \$10,575-\$13,100.

Dental Assistant II (4670) assists with student training; completes clinic forms; assists students chairside; disinfects instruments; prepares treatment area and dental materials (certification from a dental assisting program; two-three years' clinical experience) \$10,175-\$12,400.

Electronic Technician III (C0463) \$12,600-\$15,500.

Greenhouse Worker I (4673) maintains plant collection and botanical garden; transplants, re-pots and waters existing plants (one college level botany course required; skill in working with delicate plants; able to assume responsibility) \$10,550-\$13,500.

Jr. Accountant (4649) \$9,925-\$12,250.

Junior Accountant (4664) \$9,925-\$12,250.

Mechanician (4648) \$9,125-\$11,700.

Placement Assistant (4662) \$9,925-\$12,250.

Programmer I (C0501) writes, de-bugs, maintains and documents programs; able to diagnose and isolate fault conditions interface devices (proficiency in DEC RT-11 Macro; familiar with Fortran; knowledge of RRL devices and associated design techniques; desire to learn hardware design, construction and troubleshooting procedures) \$11,225-\$14,000.

Psychology Technician I (C0489) \$11,225-\$13,775.

Psychology Technician II (C0474) \$12,600-\$15,500.

Radiology Technician (4512) \$10,175-\$12,400.

Receptionist II (4643) \$8,775-\$10,725.

Records Assistant II (4579) \$10,575-\$13,000.

Registration Assistant I (4472) \$9,375-\$11,500.

Research Laboratory Technician I \$9,150-\$11,100.

Research Laboratory Technician II (C0490) \$9,150-\$11,100.

Research Laboratory Technician III (5 positions) \$11,225-\$13,775.

Research Laboratory Technician III (C0502) performs tissue culture, routine laboratory procedures and preparation of chemical and biological reagents (degree with background in biology and chemistry) \$11,225-\$13,775.

Secretary II (5 positions) \$8,775-\$10,725.

Secretary III (5 positions) \$9,375-\$11,500.

Secretary IV (4672) receives telephone messages, personal callers and mail; makes travel arrangements; maintains all records and files; types correspondence (five years' executive secretarial experience; excellent typing, dictaphone and organizational skills; ability to deal pleasantly with people and work under pressure) \$10,575-\$13,100.

Secretary, Medical/Technical (4 positions) \$9,925-\$12,250.

Shift Supervisor, Mechanical Systems (4647) Union Wages.

Supervisor (4611) \$11,925-\$14,975.

Word Processing Secretary (4665) \$9,925-\$12,250.

Part-time Positions

Administrative/Professional Staff

Business Administrator I (C0460) Hourly Wages.

Permanent Employee (C0386) Hourly Wages.

Staff Physician (C0501) Hourly Wages.

Support Staff

Employee (3 positions) Hourly Wages.

Librarian (4393) Hourly Wages.

Sales Clerk (4577) Hourly Wages.

Secretary (2 positions) Hourly Wages.

Typist (4608) Hourly Wages.

Weekend Supervisor (4431) Hourly Wages.

ALMANAC, February 23, 1982