

# Almanac

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Photographs by Diane Felton



After the May 14 Trustees Executive Board meeting, Provost-designate Thomas Ehrlich joined Chairman Paul Miller and President Sheldon Hackney for a short press conference.



## For Provost: Tom Ehrlich of Stanford

President Sheldon Hackney has nominated Stanford's Carlsmith Professor of Law and former Dean Thomas Ehrlich as Provost. His name will be taken to the Trustees Executive Board June 19, and he is expected to take office September 1.

In the meantime, Acting Provost Louis A. Girifalco will remain in office until July 1, returning to the faculty rather than to the post of Vice Provost for Research he had held for two years before assuming the acting provostship February 2. Dr. Richard Clelland, acting associate provost, and Dr. Alan Heeger, acting vice provost, are expected to remain in College Hall while search committees are organized for the two positions.

Professor Ehrlich (pronounced Erlisch) has been on leave from Stanford since 1975 when President Gerald Ford appointed him the first president of the nonprofit Legal Services Cor-

poration established by Congress to provide civil legal services to the poor. He continued in Washington under President Jimmy Carter, who in 1979 named him the first director of the International Development Cooperation Agency, which oversees the work of A.I.D., OPIC, and U.S. contributions to the World Bank, regional development banks, and U.N. and O.A.S. development programs. He recently resigned from the Agency, and was spending the summer as a guest scholar at the Brookings Institution when the Penn search committee chose him as one of a slate of three submitted to Dr. Hackney. (See page 3)

A 1956 alumnus of Harvard and 1959 graduate of its Law School, *magna cum laude*, Professor Ehrlich became law clerk to Judge Learned Hand of the U.S. Court of Appeals for the Second Circuit after graduation. He then served as special assistant to Under Secretary of State George W. Ball in the Kennedy and Johnson administrations; joined Stanford in 1965; and became dean of law there in 1971.

At Stanford, Professor Ehrlich was involved in what he calls a "Whither Stanford?" project of self-study (equivalent to Penn's Development Commission) in preparation for Stanford's most recent development campaign. Heading one portion of the study, he remained involved in the later planning and fund-raising stages of the overall campaign.

In a press conference May 14, where Dr. Hackney announced his nomination, the Provost-designate called Stanford "a good setting in which to learn one's way around".

In other roles in academia, he has served on

the Boards of Visitors of Tulane and Harvard, and was president and elected director of the Associated Harvard Alumni. He was also on the "short lists" of Yale and New York Universities' presidential searches, and those of the Ford and Rockefeller Foundations.

He chose Penn, he said, because it is "exciting and extraordinary in all sorts of ways: it can keep growing and developing more than others, and cares deeply about undergraduate education."

One of his themes at Stanford, and in his Carnegie Commission study with Herbert L. Packer on *New Directions in Legal Education*, is the rarity of study of the law at undergraduate level. "It is a crime in all but the literal sense," he said, "that law is not taught beyond eighth grade civics."

Professor Ehrlich's writing ranges over many aspects of law and legal education, from his three-volume *The International Legal Process* to articles and studies on U.S. issues such as "Legal Pollution" (New York Times

(Continued on page 2)

**SPUP: Review Says Keep It.** The Educational Planning Committee's review of the School of Public and Urban Policy ended with recommendations to retain and strengthen the School, and seek a new dean upon the retirement of Professor Britton Harris. The Recommendations section appears on page 5.

**High-Ranking Administrators.** Revisions have been completed on the policy statement withdrawn for review in January, on "Suspension and Termination of High-Ranking Administrators" who are not statutory officers. The revised documents—one stating the policy, the other the review procedure for administrators suspended or terminated under it—appear on page 6. A list of positions defined as high-ranking is not yet available, but will be published on receipt.

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Insert: Personnel Relations Newsletter

Magazine), "Reducing the Costs of Legal Services," (U.S. Senate Judiciary Committee Report), "The Corporation in Modern Society" (Harvard Law Review); and "Persons and Masks of the Law" (Journal of Legal History). His most recent article, in the April 1981 Journal of the American Bar Association, urges "Save the Legal Services Corporation," whose funding has been earmarked for elimination in the Reagan budget.

His service activities have ranged widely as well: arbitrator of a U.S.-France international aviation dispute, member of the president's Commission on Military Compensation, trustee of the International Legal Center and member of the Council on Foreign Relations are among them.

At the Trustees Executive Board, in the press conference afterward, and in an announcement to deans beforehand, President Hackney praised Professor Ehrlich's academic credentials and administrative experience.

"He is a creative person, with educational vision and a sense of social responsibility," he said at both meetings. And, he told the deans, "I am confident that his wide acquaintance with academic and other national leaders will assist us as we continue Pennsylvania's growth in academic and institutional excellence. His leadership, I predict, will soon be treasured by our faculty."

Although his projected starting date is September 1, Professor Ehrlich plans frequent visits during the summer to begin work.

**First Since 1868.** Thomas Ehrlich is the first outside provost of the University since 1868, and the only one not to have come from the faculty since the separate office of President was filled in 1930.

From William Smith, 1754-1779, through Daniel Goodwin, 1860-68, the first nine Provosts had been ministers, alumni, faculty, and various combinations thereof, including one who was trustee, minister and scientist. Pro-

vost Charles J. Stillé, a member of the bar and professor of belles lettres and English literature who took office in 1868, was followed by Dr. William Pepper of the School of Medicine (1881-94), then by a trustee, Charles Custis Harrison, whose diffidence about being the first businessman-provost led him to take it first on an acting basis and with the condition that the academic George S. Fullerton be vice provost. The straight run of faculty-bred Provosts that came after Mr. Harrison included two more as chief officers in lieu of a president, as well as ten who served as chief educational officers under Thomas Gates and his four successor presidents. During the long Gates presidency (1930-44) there were two provosts, and one of them succeeded as president (Dr. McClelland, 1944-48). Dr. McClelland's provost, Dr. Musser, continued half-way through the administration of Harold Stassen (1948-53) and the next one, Dr. Williams, bridged the Stassen-Harnwell administrations. In Dr. Harnwell's 17 years (1953-70) there were three more provosts; and during the Meyerson years (1970-81) another three. The provosts and their disciplines, starting with Dr. Stillé, were:

#### As Chief Officer:

Charles J. Stillé, English	1868-1880
William Pepper, medicine	1881-1894
Charles C. Harrison (see above)	1894-1910
Edgar Fahs Smith, chemistry	1910-1920
Josiah H. Penniman, English	1921-1939
(also President, 1923-26)	

#### As Chief Educational Officer:

George W. McClelland, English	1939-1944
(later president, 1944-48)	
John Herr Musser, medicine	1944-1951
Edwin B. Williams, Romance languages	1951-1955
Jonathan Rhodes, surgery	1955-1959
Loren Eiseley, anthropology	1959-1961
David Goddard, plant physiology	1961-1970
Curtis Reitz, law	1970-1972
Eliot Stellar, neurosciences	1972-1979
Vartan Gregorian, history	1979-1981

## Summary of Subscriptions and Receipts

From the University Development Office

July 1, 1980 through May 8, 1981

Source	Subscriptions	Receipts
Alumni	9,610,363	7,118,843
Friends	9,044,775	7,162,998
Corporations	9,874,211	7,410,427
Foundations	15,472,356	12,302,148
Associations	3,127,584	2,897,884
<b>Total</b>	<b>\$47,129,289</b>	<b>\$36,892,300</b>
Purpose	Subscriptions	Receipts
Faculty Support	6,712,744	3,439,599
Student Aid	7,344,379	2,729,317
Programs	16,920,147	16,012,732
Construction	2,098,237	1,669,152
Renovation	8,333,675	4,336,366
Unrestricted	4,949,144	4,918,681
Purpose to be Determined	770,963	3,786,453
<b>Total</b>	<b>\$47,129,289</b>	<b>\$36,892,300</b>
Nature of Fund	Subscriptions	Receipts
Endowment	9,516,433	3,677,483
Funds		
Functioning as Endowment	3,142,275	5,921,493
Term	24,980,868	22,110,269
Construction	2,234,681	2,155,806
Renovation	7,255,032	3,027,249
<b>Total</b>	<b>\$47,129,289</b>	<b>\$36,892,300</b>

**\$47.1 million**

*We're ahead of schedule!*



**1980-1981 Development Goal: \$46 million**

## TRUSTEES

### Money Matters

At the May 14 Executive Board meeting, Dr. Jon Strauss's last report as vice president included news that about \$1 million will carry forward from the 1980-81 budget, and said the 1981-82 budget will be realistically balanced in the \$500-\$510 million range. The Board voted appreciation to Dr. Strauss as he leaves for a senior vice presidency at U.S.C.

Dr. Sheldon Hackney added a tribute to Acting Provost Louis A. Girifalco: "We owe him a debt of gratitude for stepping in in a remarkable way," he said. "I have not seen anyone perform like that in my academic life. He is a marvel." He cited especially Dr. Girifalco's ability to make "medium and small squeezes and canges" to balance the budget, and communications that won acceptance for it.

Actions at the meeting included passage of an amendment on retirement dates which allows (A-2) faculty who are not engaged in full-time administration to retire June 30 rather than the first of the month following the birthday that signals mandatory retirement. (Full text to be published.)

The Board voted an appropriation of \$1.2 million to cover moving and renovations for 17 offices in Eisenlohr Hall, Delta House, Delta Upsilon House and other buildings involved in the Eisenlohr-Delta renovations; funds for Phase I of Houston Hall renovation that starts this summer (see page 12 for shops' moves); and funds for fire safety improvements, improvements in University-owned fraternity houses, a loan to one for improvements, and a \$300,000 loan for the Research Libraries Group of which Penn is a member.

In addition to reporting that the University is over-the-top ahead of schedule in Development (below left), Chairman Paul Miller reported investments up, with the AIF again outperforming S&P and Dow Jones.

### Almanac Moves Again

A relocation not among the 17 mentioned above is *Almanac's* coming move to the second floor of the Christian Association, 36th Street and Locust Walk. Phone numbers remain Ext. 5274 and 5275. For hand delivery of copy for the July 14 issue (deadline July 7), please phone ahead to make certain we have indeed moved—the schedule is for early June, but who knows?

Anyone who needs back issues should notify us promptly as we will recycle any excess before moving.

*Almanac*

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ALMANAC May 19, 1981



## Report of the Consultative Committee for the Selection of a Provost

The Consultative Committee was appointed in February 1981. Its membership consisted of Jacob M. Abel, Diana L. Bucolo, Peter A. Cassileth, Helen C. Davies, Irwin Friend, Henry B. Hansmann, Robert F. Lucid, Irving B. Kravis (Chairman), Larry Masuoka, George Rochberg, Rosemary A. Stevens, and Samuel Sylvester. Mary Ann Meyers served as Secretary of the Committee.

The Committee received its charge from President Hackney at an initial meeting. It was suggested by President Hackney that the search focus upon internal candidates but that consideration be given to unusually qualified external candidates. A statement of the responsibilities of the Provost, identical to the one presented to the previous Search Committee (1978), was placed before the present Committee.

The Committee agreed that the educational leadership required of the Provost made it necessary to find a person with a deep interest in the quality of the student's educational experience at the University, particularly at the undergraduate level; an understanding of the nature of scholarship, preferably evidenced by scholarly distinction in the candidate's own field; and experience and/or aptitude for administration, including an awareness of the use of budgets as an instrument of academic policy.

The Committee's call for nominations from the University community appeared in two issues of the *Almanac* and advertisements inviting outside suggestions were published in the *Chronicle of Higher Education* on March 2 and March 30, 1981. The Committee met 14 times before concluding its work

at the end of April.

About 65 names were submitted to the Committee by students, faculty, staff and outside persons. About two-thirds were members of the University faculty.

The Committee considered each person. About a third of nominees who seemed to the Committee to be most promising were selected for more extensive consideration. This group included women and minority candidates. The Committee interviewed nine persons in the group. It submitted a list of three nominees, about each of whom it had reached a very high degree of consensus, to President Hackney. The person appointed was on this list.

—Irving B. Kravis, Chairman  
For the Committee

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## COUNCIL

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The following letter was sent to Trustees Chairman Paul F. Miller on May 12, 1981.

### On Presidential Search Procedures

I am writing to you in my dual capacities as Chair of the Steering Committee of University Council and as Chair of the Ad Hoc Council Committee on Codification of Presidential Search Procedures. I want to report to you on the action that Council has taken regarding the proposals of the Ad Hoc Committee and to urge that the Trustees act favorably on the recommendations of Council and the Committee. I understand that the Executive Board plans to discuss this matter in the very near future.

As you know, the Ad Hoc Committee is charged by both the Faculty Senate and University Council with working with the Trustees toward codification of presidential search procedures. The Committee met a number of times during the past few months and evolved a codification recommendation involving both a proposed provision in the revised Statutes of the University (Article 3.2(b)) and a proposed Trustee Standing Resolution. The Committee discussed its two proposals with you, Matt Hall and Mary Ann Meyers on April 9, 1981. As a result of that meeting several modifications were made in the Committee's proposals. The Committee then published its proposals, as modified, in *Almanac* for April 14, 1981, and asked Council's Steering Committee to place the matter before Council at its final meeting of the academic year, which took place on April 29.

At the April 29 meeting Council, after discussion, voted its approval of the two proposals of the Ad Hoc Committee.\* The vote was 30 in favor, none opposed and one abstaining. The Committee's recommendations were also discussed on May 6 in the Faculty Senate Executive Committee, where no opposition was expressed. In addition, no adverse comment has been received since *Almanac* publication of the proposals.

I think it fair to say, therefore, that the Committee's present proposals represent a strong consensus among students, faculty and administrators with regard to the presidential search process. In addition, the Committee's proposals about the specific composition and role of the consultative committee are based directly on recommendations in that regard made by the 1970 Task Force on Governance. That Task Force report, like the Committee's proposed Standing Resolution, provided for a consultative committee composed of six trustees, eight faculty members and four students. Moreover, University Council, on two occasions during the 1970's, affirmatively adopted this task force report. The campus consensus favoring the Committee's recommendations,

therefore, is not only a strong one at the present time, but has lasted for more than a decade.

The Committee therefore strongly urges Trustee adoption of its proposals. As noted above, these are two in number — a proposed Article 3.2(b) for the Statutes and a proposed Standing Resolution. The statutory provision is, the Committee believes, appropriately general in nature, identifying the respective roles of the consultative committee and the Executive Committee. We believe that this provision closely follows the procedures actually employed during the last two presidential searches and that it would preserve the confidentiality of the search process to the maximum possible extent. The Standing Resolution specifies the composition of the consultative committee and the details of its interaction with the Executive Committee and also describes in detail the constraints of confidentiality applicable to the consultative committee's work. Again, with one exception, the provisions of the proposed Standing Resolution are, we believe, fully in accord with recent practice and understandings. That exception has to do with the specific composition of the membership of the consultative committee; the Committee's proposal here differs somewhat from the composition of the committee used in the most recent presidential search. As I have said, however, the Committee's recommendation for the composition of the committee is derived from the 1970 Task Force Report and from two University Council recommendations since that time. It also has the approval, with no dissent and only one abstention, of the present Council. The Committee hopes that the Trustees will give favorable consideration to a proposal that derives from such a strong and enduring campus consensus.

I have enclosed a sheet\*\* setting forth the Committee's proposals, as slightly modified and approved by Council on April 29. Would it also be possible for you to share the contents of this letter with the members of the Executive Board, when they come to discuss the Committee's proposals? If I, or the Committee, can be of any further help, please let me know. Specifically, if the Trustees or the Executive Board would like the Committee to react to possible modifications of its proposals, I will try to facilitate that process. At the April 29 Council meeting, I informed the Council about the Committee's progress up to that time, and undertook to report back in early fall with regard to subsequent developments.

—Paul Bender, Chair,  
Steering Committee, University Council

\* Council made one technical modification in the proposed composition of the consultative committee, substituting two graduate-professional students for one graduate student and one professional student.—P.B.

\*\* Professor Bender enclosed the resolution published in *Almanac* April 14, 1981, page 1, as amended.—Ed.

# SPEAKING OUT

*Last Week in Speaking Out, Acting Vice Provost Alan Heeger noted that a message would be published on the goals of the new committee he has set up to study computing activities. Below, that message is provided by the committee's chair. In addition, Dr. Heeger this week announced that Dr. George McKenna has agreed to serve as acting director of the Office of Computing Activities. Dr. McKenna did his graduate work at the University and has been working on several computer projects on campus, Dr. Heeger said, and is "widely knowledgeable about computing and in particular about computing at Penn." Dr. McKenna is not in the directory, but can be reached at Ext. 8184 or 4287.*

## Academic Computing

We are rapidly emerging into an Information Age, in which information processing in all its forms will become crucially important in our personal and professional lives. It is hard to think of any other example of a change that is as revolutionary, rapid, and certain as that brought about by advances in microelectronics, computing, communications, and other forms of information processing.

No other institution is likely to be more affected by these changes than the research-based university, because information is our primary commodity. No university can remain first rate unless it can provide adequate computing services to its faculty, students, and administrators. This is true now, and it will be dramatically more so by the end of the decade.

The computing situation at Penn should therefore be of grave concern to us all. By any reasonable standard, academic computing at Penn is completely unacceptable. We spend far less per student and faculty and member than any of our peer institutions. Although we have some first-rate computer centers scattered around the campus, their activities are almost completely uncoordinated and their capacity is too limited to meet our legitimate needs. Unlike any other institution of its size or aspirations, Penn does not have a single senior official with a full-time University-wide responsibility for fostering efficient and effective academic computing.

We are already paying a heavy price for this neglect, and the stakes are going to get far higher. Faculty and graduate students whose research demands adequate computing resources are shunning Penn. Potential undergraduate students often have been introduced to computers in their primary and secondary schools, and will be exceedingly intolerant of any institution that cannot provide reasonable access to computers. In substance and in image, Penn will find itself in an increasingly unfavorable position unless significant changes are made.

Penn is not without some advantages in computing. We have a long and respected tradition in the field. We can point to some excellent examples of high-quality research and teaching that use our first-rate but limited computing facilities. The neglect of computing at the University level gives us the (unintended) advantage of having no ponderous and obsolete computer center to sustain in this age in which mini- and microcomputers are so attractive in a wide range of applications.

We thus have the opportunity to design and implement a cost-effective system that takes advantage of the full spectrum of opportunities offered by current technology—personal computers, departmental or school computers that are interconnected in a way that permits campus-wide resource sharing, Uni-Coll with its wide range of 'mainframe' services, and external networks with their huge variety of specialized software and databases. A "distributed" system of this sort is entirely consistent with current technological trends and the existing organizational structure of computing within the University.

It would be a profound mistake to view such a system as only serving the needs of the disciplines that have traditionally used the computer—the physical and social sciences, engineering, mathematics, and management. Information processing will touch all of the disciplines. Text processing, photocomposition, electronic mail, and access to proprietary databases will help the scholar in the humanities and arts as well as the sciences. 'User-friendly' languages will make computers accessible to the non-technician as well as to the skilled programmer.

We have little hope of achieving satisfactory computing unless we make some major changes; the current practice of under-coordination and under-funding are almost guaranteed to lead to deepening disaster. Although the computer community at Penn is virtually unanimous in this pessimistic view, it is much less clear about how to remedy the situation (as recent letters to *Almanac* will attest).

I am chairman of a committee that the Vice Provost for Research has formed to deal with this problem. The composition of the committee is broadly representative of the community. The purpose of the committee is to document the current status of computing at the University, compare our situation with our peer institutions, determine our computing needs now and in the longer term, and outline a plan for meeting those needs. Such a plan must consider the technical, economic, and managerial issues involved in developing a cost-effective computing network for Penn. Among the most critical managerial concerns will undoubtedly be the question of how to provide better coordination among the decentralized computer centers, and how to increase the funding for computing within our budgeting procedures.

It is absolutely certain that additional funds must be spent if Penn is to have even barely adequate computing. Those of us interested in reversing the deterioration of computing must be sensitive to the problem that we collectively face in finding additional money in these difficult times. We cannot expect overnight correction of a long-standing problem. We must do a far better job than we have done in the past in explaining the issues and the high stakes involved. It is only in this way that can we receive the necessary broad support for computing from the faculty, students, and administrators—support that has been so clearly lacking over the past several years. No one will argue that a committee can find simple solutions to such difficult problems, but it is hard to see what other process is likely to be more successful.

—James C. Emery  
Professor of Decision Sciences  
(Former Director of Computing)

## A Peak Load of Consciousness

"Peak load" is a phrase with intensive meaning in the world of energy and the world of bill-paying for the cost of energy: there is a daily peak, usually between 11 a.m. and 2 or 3 p.m., when money flows out of the budget in the form of electricity. And electricity is not only billed on consumption, but on "demand charge" fixed by the peak: the highest half-hour of the month determines the electric peak.

The University Facilities Committee, through its Subcommittee on Energy headed by Dr. Harbison Pool, wants to knock down the daily peak all summer, and especially to flatten the late-August, early-September peaks that come from a combination of weather and student move-ins.

Once a large campus has become as cost-conscious as most of Penn is, and assuming that everything people are still doing really needs to be done, the one frontier where new savings can often be found is in rearranging the order in which they are done—i.e., while freshman are finding their way into the dorms next September, what can offices and

labs reschedule to offset the surge?

"What it means, perhaps, is that we need a peak load of consciousness about electricity that parallels the peak load of use," said Dr. Pool. His subcommittee has made proposals for a broad-scale attack on energy costs next fall. The focus is localized information and monitoring, but the subcommittee also wants the University to explore incentives. As Dr. Pool pointed out, "There is already a penalty system in effect. It's a penalty on everyone's salary potential, and on every academic and nonacademic unit's future program funds, if we can't push back costs for energy."

The war on energy costs is fought on several fronts, he adds, from Trustee actions that vote capital for building conversions and monitoring systems, to professional activities in operational services that install and maintain the systems. "Our report commends Horace Bomar, Arthur Hirsch and their staffs, for their excellent work. We know they have good long-range plans, and their ideas match the subcommittee's."

"But the home front of this war on costs is right in our offices and labs. After all the institutional

steps have been taken, there is still an enormous margin of cost that can only be contained by the people who use energy—or don't use it, as the better case may be."

## Parking Rate Increase

The University Council Committee on Facilities has unanimously approved a parking fee increase for 1981-82 averaging 15 percent. As part of the new rate structure, a discount will be given for subcompact car parking.

In approving the recommendations of the subcommittee on Transportation and Parking, the Facilities Committee suggests alternative methods of transportation other than single car commuting. The University is served by a variety of public transit systems. Additionally, the Department of Transportation and Parking offers a free carpool matching service and an at-cost vanpool program for the convenience of faculty and staff members of the University and HUP.

—Martin Pring, Chairman, Facilities Committee  
Note: Carpool/vanpool information: Ext. 8667.



*The School of Public and Urban Policy was established in 1974 with a recommendation from the Academic Planning Committee that it be reviewed after three years of operation. A review by the APC's successor committee, the Educational Policy Committee, in 1977 recommended discontinuance of the School and the distribution of its responsibilities to other sectors of the University. The President and Provost responded with an alternate plan to continue the School under new guidelines, and submit its future again to EPC as Dean Britton Harris approached the age of administrative retirement. The new review started in December 1980. It was conducted by an EPC subcommittee under Dr. Larry Gross of the Annenberg School, with an External Committee headed by W.W. Cooper of the University of Texas at Austin serving as consultants to the subcommittee. The subcommittee's report was endorsed by the full EPC on April 10, 1981. The Recommendations section appears verbatim below, with one explanatory footnote from the main body of the report. The full report is available for inspection in the Office of the President.*

## Educational Policy Committee Recommendations on the School of Public and Urban Policy

The recommendations that follow are presented in terms of our view of the best direction for the University to move in the public policy field. We recognize that many practical difficulties stand in the way of their full adoption and implementation, and we will discuss as well some possible intermediate solutions.

Overall, we agree with our External Committee's diagnosis and recommendations.\* The points that follow are made in elaboration and support of the consultants' views, but with a more explicit recognition of the University's current financial circumstances.

1. The University administration should make a clear commitment to support and expand the School of Public and Urban Policy. To that end it should declare that the School is an important and integral part of the University, and that it should be free from the threat of recurrent review and reassessment. At the same time the administration should make it clear that the School's programmatic focus must be broadened in the fashion outlined by the External Committee.

2. The administration should recruit a new Dean who will be given a mandate to guide the School's growth and diversification. The kind of person who should be sought as Dean would demand and should be given the University's commitment of support, including the power to make several appointments in the near future in areas which further the needed diversification.

\*The following two paragraphs give the gist of the External Committee's diagnosis and recommendations:

We have already indicated our support for continuation and, indeed, expansion of SPUP as an independent, separately identified School at the University of Pennsylvania. In this way, the University of Pennsylvania can continue to provide a clear signal of its willingness to respond to important needs of modern society in the dimensions of educational preparation, research and community services. Such a School is also most likely to assure a sustained interest in all three of these dimensions by the University and for drawing on the considerable talents and resources that are available in other parts of the University.

The high quality of research and teaching at SPUP with a primarily methodological (mathematical, statistical) emphasis should be continued. However, it does need to be balanced and integrated with other approaches. There needs to be a greater emphasis on substantive problems, including the problems of management and politics in public sector activities — viz., the practical problems of mobilizing resources and gaining and securing the support necessary to initiate and sustain or to redirect programs at various points in time.

3. An external Advisory Board (similar to a Board of Overseers) should be appointed, as suggested by the External Committee, to advise the School in its development and diversification, and to provide a bridge to the public sector at the local, state and federal levels.

4. The new Dean should be given assurances of the Administration's firm commitment to explore and, if possible, implement a merger of relevant departments and units into a unified School within the next few years. While it is unreasonable to force a union upon presently unwilling partners, there is every justification for making such a union an explicit goal and working towards it with the installation of a new Dean.

5. The size of the School's standing faculty should be increased immediately by "switching" the appointments of several faculty members who have primary appointments elsewhere, but proclaim that their major commitment is to SPUP. Such a move would be reasonable for these faculty members once the University has made a clear and unequivocal commitment to maintain and support the School. We feel that the University administration should be willing and able to (a) guarantee such faculty members the security of their tenure regardless of any change in the status of SPUP, and (b) use its best efforts to insure that these faculty members retain their voting rights in their current departments. On the other side, we feel that such moves would be an appropriate way for these faculty members to demonstrate their expressed loyalty and commitment to SPUP. While the change is basically symbolic, it would not necessarily be negligible.

6. The curriculum in SPUP should be scrutinized carefully to determine whether any current courses duplicate ones available elsewhere (e.g., in economics, statistics, public management, etc.), and thus possibly free some of the SPUP faculty to develop new courses that expand their curricular range.

7. In contrast to the External Committee, we feel that the possibilities of undergraduate teaching should be only cautiously explored. We are doubtful that a reasonable undergraduate program can be developed with the School's already inadequate curricular resources; but possibly an expanded submatriculant program can be contemplated. In addition, given the structure of undergraduate education at Penn, we do not feel that a SPUP-based undergraduate program should be promoted as a vehicle for recruiting undergraduates to the University. Small graduate programs should be wary of climbing on the back of that particular tiger.

—From the Report of the Subcommittee, Larry Gross, Chair.  
forwarded by the Educational Policy Committee, David DeLaura, Chair

## OF RECORD



### Suspension or Termination of High-Ranking Administrators

*Following are the texts of University Personnel Policies 706.1 and 706.2, transmitted by the Executive Director of Personnel Services at the request of President Sheldon Hackney, for inclusion in the Personnel Policy Manual with an effective date of May 8, 1981, replacing the policies of the same numbers issued January 1, 1981.*

#### Suspension or Termination of High-Ranking Administrators Not Covered by the Statutes of the Corporation (Policy #706.1)

Circumstances may arise wherein the performance or conduct of a high-ranking administrator is inimical or contrary to the interests of the University; and, because of the degree of authority and responsibility held by a high-ranking administrator and the need to maintain amicable and productive working relationships between such an administrator and his or her superior, special policies on suspension or termination are applicable. Personnel Policy 602, Disciplinary Procedure; Personnel Policy 701, Termination; Personnel Policy, 705, Suspension Without Pay; Personnel Policy 706, Termination for Cause; and Personnel Policy 801, Grievance Mechanism for Non-academic Staff, do not apply to suspension or termination of high-ranking administrators identified by this policy.

In such circumstances the high-ranking administrator may be suspended or terminated for cause by his or her immediate superior or the Trustees; and the question of whether suspension or termination is warranted shall be determined in the sole discretion of the administrator's superior, subject only to review as set forth in Personnel Policy 706.2.

For purposes of this policy, high-ranking administrators are individuals in certain listed positions. Positions subject to this policy will be identified by the President and the resulting list will be maintained by the Executive Director of Personnel Relations. Incumbents and persons appointed to those positions will be informed of that condition of employment. Certain high-ranking administrators are officers in positions established by the statutes of the Corporation, as amended from time to time, and their suspension or termination is subject to the statutes. If present statutory officers are redesignated as non-statutory officers, they automatically become subject to this policy.

#### Review of Suspension or Termination of High-Ranking Administrators (#706.2)

Suspension or termination of a high-ranking administrator is not subject to appeal through the Grievance Mechanism provided in Policy No. 801. The President, may, however, reinstate the affected administrator to his or her position in accordance with the following review procedure:

1. Within five days after receiving notice that he or she has been suspended or terminated, the affected administrator may submit to the Executive Director of Personnel Relations a written request for review, stating in detail the reasons for which the administrator contends the suspension or termination should be set aside.
2. The Executive Director of Personnel Relations shall do whatever he or she deems appropriate to review the suspension or termination, and shall submit a written decision to the affected administrator and to the affected administrator's superior.
3. Within five days of the administrator's receipt of the Executive Director of Personnel Relations' decision, the affected administrator may request a review of that decision by the President's Management Staff Committee. The administrator must submit a written request for this review to the Executive Assistant to the President.
4. If a request for review as provided in paragraph 3 above is submitted, the Executive Director of Personnel Relations shall present the matter to the Management Staff Committee along with his or her recommendation. The Management Staff Committee shall review the report of the Executive Director, provide the affected administrator a hearing, and recommend a course of action to the President.

The new director of the Laboratory for Research on the Structure of Matter is **Dr. David White**, professor of chemistry who was chairman of his department for twelve years. Dr. White accepted a three-year term, succeeding Dr. Alan Heeger.

The School of Veterinary Medicine recently named **Dr. Kenneth Bovee**, a pioneer in the field of veterinary nephrology, to the newly created Henry and Corinne R. Bower Chair in Medicine. In addition to this chair, the Bower family has already established a professorship at the Wharton School and the University's newest athletic facility, Henry Bower Field.

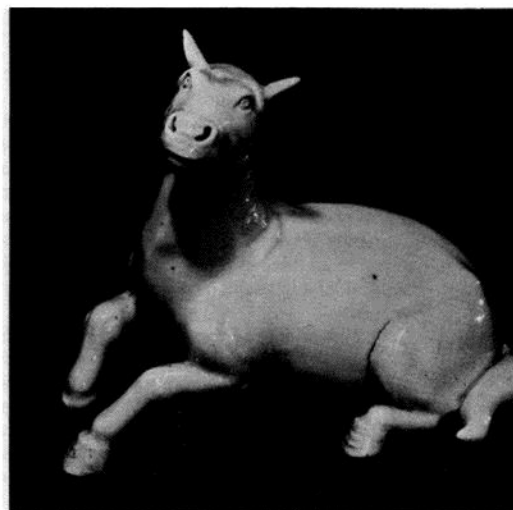
The General Electric Foundation has honored **Reginald H. Jones**, chairman of the Wharton Board of Overseers and retiring chairman and chief executive officer of the General Electric Corporation, by establishing the Reginald H. Jones Professorship of Corporate Management at the Wharton School. The chair will be the seat of leadership for a Center for Management, Policy, Strategy and Organization. The Joseph Kolodny Professorship of Social Responsibility in Business has also been established at Wharton, by the National Association of Tobacco Distributors honoring its founder. Faculty members have not yet been appointed to either chair.

**Dr. Claire M. Fagin**, Dean of the School of Nursing, has been elected to the 22-member governing council of the Institute of Medicine of the National Academy of Sciences.

Vice Dean **Phyllis W. Beck** of the Law School, will be sworn in at City Hall in Philadelphia June 23 as a State Superior Court Judge. She was nominated in September 1980 as a merit selection and, after a long and highly publicized delay involving state and local party politics, was renominated in January of this year. Her appointment was confirmed April 28.

**Dr. Herbert Goldschmidt, M.D.**, Clinical Professor of Dermatology, has been elected President-Elect of the Pennsylvania Academy of Dermatology.

*(Continued past insert)*





**Dr. Vincent J. Cristofalo** (above) professor of biochemistry at the Veterinary School and professor at the Wistar Institute, has been named Director of the University's Center for the Study of Aging.

A national award for excellence in teaching in physical therapy has been set up as a continuing tribute to the chairmen of Penn's department through its 33 years and particularly to the last chairman, **Eleanor Jane Carlin** and to her personal contributions to educational excellence. The award will be announced in June at the National Convention of the American Physical Therapy Association.

**Christian Day**, assistant professor of legal studies, is Wharton Evening School's "Outstanding Professor of 1981," elected by Sigma Kappa Phi seniors and initiates of the past five years. Former recipients include **Drs. Matthew Stephens, John deCani, Frederick Kempin, and Robert Jones**.

Honored at the Sixth Annual Catalyst Awards dinner in New York recently was **Barbara Franklin**, senior fellow of the Wharton School. She was one of four women directors of corporations called "outstanding examples

### Theft of an Echo

*The small Japanese porcelain shown at left was stolen last week from an exhibition in the process of being installed at The University Museum. The theft was discovered shortly before noon on May 14 by designer Jack Murray, who was preparing Echoes of the Samurai: Japanese Arms and Armor for its May 22 opening in the Pepper Gallery. The white porcelain horse, manufactured circa 1850 in Hirado, is approximately eight inches long, six inches high at the head. It is part of the Museum's own collection, and is valued at close to \$1000.*

of the new women director who contributes her broad-based business expertise to the corporate board."

**Dr. Joyce Randolph**, Executive Assistant to the Provost, has been awarded an America Council on Education (ACE) Fellowship for the coming academic year which she will accept, and **Ruth Leventhal**, SAMP's acting Dean was awarded one she will forego to assume the deanship of the health sciences at Hunter College.

President Hackney's four candidates to the 1981 HERS Mid-Atlantic Summer Institute for Women in Higher Education at Bryn Mawr College were accepted by the Institute and will attend it July 5 through 30: **Tobe Amsterdam**, assistant dean for alumni and external affairs, FAS; **Valerie Duhig**, office manager, SAMP; **Carrie Spann**, director of the Community-Wharton Education Program; and **Joann White**, associate director, Undergraduate Financial Aid.

**Charley Scott**, who recently retired following 41 years of service to the University's athletic department, has been elected to the Pennsylvania Sports Hall of Fame.

Penn's heavyweight crew coach **Ted Nash**, will coach the American women's sculling squad at the World Championships at Munich in August; he was chosen by the U.S. Olympic Committee for the post. Earlier this year, **Ralph Hippolyte**, coach of Penn's men and women volleyball teams, was co-coach of the American college all-star men's team in The Netherlands.

## DEATHS

**Dr. Charles Breedis**, a professor in the department of pathology, died April 24 at the age of 69. He came to the University in 1946 as an instructor of pathology and rose up the ranks to full professor in 1959. He was graduate group chairman of pathology from 1965 to 1978 and became an emeritus professor in 1979. He is survived by his wife, Marjory Andresen Breedis and seven step-children. Contributions in his memory should be forwarded to The Cancer Society at the University of Pennsylvania Medical School.

**Anna M. Delaney**, a retired office manager, died February 3 at the age of 86. Mrs. Delaney came to the University in 1921 as chief clerk and then became office manager in the General Alumni Society. She retired in 1959 and is survived by a son, William J. Loughery.

**George E. Dolan**, a junior in the School of Nursing, died March 31 after a brief hospitalization, at the age of 20. Mr. Dolan expected to graduate in May 1982. He is survived by his parents, George Dolan and Barbara A. Dolan.

**Dr. Calvin S. Drayer**, a prominent Philadelphia neurosurgeon and psychiatrist, died May 2 at the age of 74. Dr. Drayer was named an associate in psychiatry at HUP in 1971 and

a clinical associate in psychiatry in 1977. A prolific and widely published writer, he spent his residency at the Institute of the Pennsylvania Hospital and at the Child Guidance Clinic. He then served as director of the Clinic and of the Tri-County Child Guidance Clinic in Harrisburg. He served as chief of neuropsychiatry with the Fifth Army in Europe, during World War II. He is survived by his wife, Madeline; two sons, Calvin and Robert O., and three grandchildren.

**Dr. Dale T. Harroun**, emeritus professor died April 24 at the age of 71. He came to the University's civil engineering department in 1949 as a visiting associate of professor, became an associate professor later that year and in 1953 he became a professor. He retired and became an emeritus professor of civil and urban engineering in 1973. Survivors are his wife, Ruth Groff Harroun, and three daughters; six grandchildren and a brother. Contributions in his memory should be given to the Heart Fund.

**Narendra Juneja**, associate professor of landscape architecture, died May 12 of a heart attack at the age of 45. A native of Lahore, Pakistan, he was educated in Delhi and after teaching there he came to Penn for his master's degree at the Graduate School of Fine Arts, winning the Faculty Medal in 1967. As he moved up from lecturer to associate professor, he also became an associate partner of Wallace, Roberts, McHarg and Todd in Philadelphia, where he was responsible for the comprehensive plan for Toronto's waterfront and for projects in Iran including the ecologically significant Pardisan park in Teheran. He was honored by the American Society of Landscape Architecture, the American Institute of Architecture, and the Department of Housing and Urban Development during his career. Mr. Juneja is survived by his mother, Shanti Devi Juneja, and two brothers.

**James C. Lassiter** died May 4 at the age of 55. Mr. Lassiter came to the University in September 1956 as a truck driver's helper and gardener. He remained in those positions until he was placed on long term disability in July 1980. He is survived by his wife.

**Alice M. Lavelle**, retired office manager of the English department, died May 10 at the age of 68. Mrs. Lavelle came to the University in November 1959 as an administrative assistant in the English department and became office manager in 1976. She retired in 1977 and is survived by her son, John, and her daughter, Alice.

**William MacBurney**, a retired mail carrier, died March 24 at the age of 77. Mr. MacBurney came to the University in 1935 as a watchman and became a mail carrier in 1956. He retired in 1970 and is survived by his wife.

**Willie Jo Rodgers**, retired laboratory technician, died April 28 at the age of 65. Mr. Rodgers came to the University in 1967 as an animal laboratory technician in the School of Medicine; in 1972 he became senior animal laboratory technician; and in 1980 he retired. He is survived by an aunt, Ms. Geraldine Hodges.



# Appointments and Promotions in the Standing Faculty, 1980-81

*In past years Almanac has published all faculty appointments, promotions and leaves, carrying them in installments in the next available space after each Trustees or Executive Board meeting. This year space was at a premium, so actions have accumulated. With the advice of the Faculty Senate Chair, this report lists only Standing Faculty and Standing Faculty-Clinician Educator actions. (Clinician educators are recognizable by the form of title, "Professor of \_\_\_\_\_ at [affiliated institution]," and, in this listing, appear only in the School of Medicine.) The lists were compiled from Trustees' minutes of October through May, representing actions approved at Provost's Staff Conferences between June 4, 1980, and April 23, 1981. Actions marked with (●) involve additions to the tenured ranks through appointment, promotion, or conversion to tenure.*

## Faculty of Arts and Sciences

### Appointments

Dr. David Anderson as Assistant Professor of English.  
Dr. Jonathan D. Aron as Assistant Professor of Mathematics.  
Dr. Andrew N. Binns as Assistant Professor of Biology.  
Dr. David B. Brownlee as Assistant Professor of History of Art.  
Dr. Barbara Burrell as Assistant Professor of Classical Studies.  
Dr. Thomas E. Chapuran as Assistant Professor of Physics.  
Dr. Christopher B. Croke as Assistant Professor of Mathematics.  
● Dr. Horst S. Daemmrich as Professor of Germanic Languages and Literatures.  
Dr. Wolfgang Eberhardt as Assistant Professor of Physics.  
Dr. Paul H. Edelman as Assistant Professor of Mathematics.  
Dr. Betsy Erkila as Assistant Professor of English.  
Dr. Frederick M. Goodman as Assistant Professor of Mathematics.  
Dr. Joanne Gowa as Assistant Professor of Political Science.  
Dr. David C. Jacobson as Assistant Professor of Oriental Studies.  
Dr. Ajaj Jarrouj as Assistant Professor of Political Science.  
Dr. Anthony S. Kroch as Assistant Professor of Linguistics.  
Dr. Henrika Kuklick as Assistant Professor of History and Sociology of Science.  
Dr. Phoebe Lloyd as Assistant Professor of American Civilization.  
Dr. Cecilia Wen-Ya Lo, Assistant Professor of Biology.  
Dr. David E. Ludden as Assistant Professor of History.  
Dr. Shelly J. Lundberg as Assistant Professor of Economics.  
Dr. Vicki L. Mahaffey as Assistant Professor of English.  
Dr. Douglas S. Massey as Assistant Professor of Sociology.  
Dr. Cary M. Mazer as Assistant Professor of English.  
Dr. Judith A. McGaw as Assistant Professor of History and Sociology of Science.  
Dr. Richard P. McLean as Assistant Professor of Economics.  
Dr. Maria Rosa Menocal as Assistant Professor of Romance Languages.

● Dr. James J. O'Donnell as Associate Professor of Classical Studies.  
Dr. Allen R. Place as Assistant Professor of Biology.  
Dr. Ellen D. Pollak as Assistant Professor of English.  
Jay Reise as Assistant Professor of Music.  
● Dr. Robert A. Rescorla as Professor of Psychology.  
Dr. Barry W. Robinson as Assistant Professor of Physics.  
● Dr. Stephen Roth as Professor of Biology.  
Dr. James A. Sauer as Associate Professor of Religious Studies.  
Dr. Robin C. Sickles as Assistant Professor of Economics.  
Dr. Pablo T. Spiller as Assistant Professor of Economics.  
Dr. Rocky Sung-chi Tuan as Assistant Professor of Biology.  
Dr. Kelly G. Tatchell as Assistant Professor of Biology.  
Dr. Stanelly H. Vittoz as Assistant Professor of History.

### Promotions

Dr. Lawrence F. Bernstein to Professor of Music.  
● Dr. Fred L. Block to Associate Professor of Sociology.  
● Dr. Arthur Green to Associate Professor of Religious Studies.  
Dr. Gerald J. Prince to Professor of Romance Languages.  
Dr. Bryan W. Roberts to Professor of Chemistry.  
Dr. Gillian E. Sankoff to Professor of Linguistics.  
● Dr. Elizabeth S. Spelke to Associate Professor of Psychology.  
Dr. Humphrey R. Tonkin to Professor of English.  
● Dr. Marc Trachtenberg to Associate Professor of History.

## School of Dental Medicine

### Appointments

Dr. J. Marvin Bentley as Assistant Professor of Dental Care Systems.  
Dr. David Garber as Assistant Professor of Restorative Dentistry.  
Dr. Uri Hangorsky as Assistant Professor of the Form and Function of the Masticatory System.  
Dr. Barry S. Kayne as Assistant Professor of Periodontics.  
Susan A. Muhler as Associate in Dental Hygiene.  
Dr. Linda P. Nelson as Assistant Professor of Pedodontics.  
Dr. Annette M. Thomas as Assistant Professor of Restorative Dentistry.  
Dr. John Turner as Assistant Professor of Orthodontics and Pedodontics.

### Promotions

Dr. Zeev Davidovitch to Professor of Orthodontics and Pedodontics.  
Dr. Virginia Park to Associate Professor of Restorative Dentistry.  
● Dr. Brian M. Salzberg to Associate Professor of Physiology.  
● Dr. Robert L. Vanarsdall, Jr. to Associate Professor of Periodontics.

## Graduate School of Education

### Appointments

Dr. Helen Felsenthal as Assistant Professor of Education.

Dr. Roberta Goldberg as Assistant Professor of Education.  
Dr. Michael H. Long as Assistant Professor of Education.  
Dr. Catherine Marshall as Assistant Professor of Education.  
Dr. Norman A. Newberg as Associate Professor of Education.  
Dr. Michael L. Tierney as Associate Professor of Education.

### Promotion

Dr. Erling E. Boe to Professor of Education.

## School of Engineering and Applied Science

### Appointments

Dr. John L. Bassani as Assistant Professor of Mechanical Engineering.  
Dr. Haim Bau as Assistant Professor of Mechanical Engineering.  
Dr. Pierre Burgers as Assistant Professor of Mechanical Engineering and Applied Mechanics.  
Dr. Timothy Finin as Assistant Professor of Computer and Information Science.  
● Dr. Benjamin Gebhart as the Samuel Gabel Professor of Mechanical Engineering.  
Dr. Samuel Goldwasser as Assistant Professor of Computer and Information Science.  
Dr. Raymond J. Gorte as Assistant Professor of Chemical Engineering.  
Dr. Dwight L. Jaggard as Assistant Professor of Electrical Engineering and Science.  
Dr. William W. L. Lee as Assistant Professor of Civil and Urban Engineering.  
Dr. Farshid Nourani as Assistant Professor of Computer and Information Science.

### Promotions

● Dr. O. Peter Buneman to Associate Professor of Computer and Information Science.  
Dr. Takeshi Egami to Professor of Materials Science and Engineering.  
● Dr. Eduardo D. Glandt to Associate Professor of Chemical Engineering.  
● Dr. Peter W. Scherer to Associate Professor of Bioengineering.

## Graduate School of Fine Arts

### Appointment

● Adele N. Santos as Professor of Architecture.

## Law School

### Appointment

● Martin J. Aronstein as Professor of Law.

### Promotion

Stephen J. Schulhofer to Professor of Law.

## School of Medicine

### Appointments

Dr. Janet L. Abraham as Assistant Professor of Medicine.  
Dr. Sherrill L. Adams as Assistant Professor of Human Genetics.  
Dr. James C. Alwine as Assistant Professor of Microbiology.  
Dr. Arthur O. Anderson as Assistant Professor of Pathology.  
Dr. Maurice F. Attie as Assistant Professor of Medicine.  
Dr. Stephen M. Baylor as Assistant Professor of Physiology.  
Dr. Stephen Baumgart as Assistant Professor of Pediatrics.



Dr. Jean B. Belasco as Assistant Professor of Pediatrics.

Dr. Randall D. Cebul as Assistant Professor of Medicine.

Dr. Scott Chappel as Assistant Professor of Reproductive Biology in Obstetrics and Gynecology.

Dr. Mary Ellen Conley as Assistant Professor of Pediatrics.

Dr. James M. Davis, III as Assistant Professor of Radiology at the Hospital of the University of Pennsylvania.

• Dr. Steven D. Douglas as Professor of Pediatrics.

Dr. Linda K. Dunn as Assistant Professor of Obstetrics and Gynecology.

Dr. Simon S. Edelson as Assistant Professor of Anesthesia at Presbyterian-University of Pennsylvania Medical Center.

Dr. David E. Elder as Assistant Professor of Pathology.

John L. Esterhai as Assistant Professor of Orthopaedic Surgery.

Dr. Madeleine Q. Ewing as Assistant Professor of Ophthalmology.

Dr. George M. Feldman as Assistant Professor of Medicine.

Dr. John W. Foreman as Assistant Professor of Pediatrics.

Dr. Michael A. Geheb as Assistant Professor of Medicine.

Dr. Edmund A. Geller as Assistant Professor of Anesthesia at the Deborah Heart and Lung Center.

Dr. Lawrence J. Gessman as Assistant Professor of Medicine.

• Dr. David B.P. Goodman as Associate Professor of Pathology.

• Dr. John G. Haddad, Jr. as Professor of Medicine.

Dr. Nancy C. Hanke as Assistant Professor of Psychiatry.

Dr. David W. Hartman as Assistant Professor of Psychiatry.

Dr. James W. Hall, III as Assistant Professor of Audiology in Otorhinolaryngology and Human Communication.

Dr. Daniel G. Haller as Assistant Professor of Medicine.

Dr. Fred M. Henretig as Assistant Professor of Pediatrics.

Dr. William M. Hogan as Assistant Professor of Obstetrics and Gynecology.

• Dr. Leonard Jarett as Professor of Pathology.

Dr. Harry R. Katz as Assistant Professor of Radiation Therapy.

Dr. Frederick L. Kiechle as Assistant Professor of Pathology.

Dr. Gerald Kolski as Assistant Professor of Pediatrics.

Dr. Robert E. Krisch as Associate Professor of Radiation Therapy.

• Dr. Harold L. Kundel as the Matthew Wilson Professor of Research Radiology.

Dr. Lois A. Lampson as Assistant Professor of Anatomy.

Dr. Robert M. Liston as Assistant Professor of Obstetrics and Gynecology.

Dr. C. Richard Lytle as Assistant Professor of Reproductive Biology in Obstetrics and Gynecology.

Dr. Gordon K. McLean as Assistant Professor of Radiology at the Hospital of the University of Pennsylvania.

• Dr. Perry B. Molinoff as the A.N. Richards Professor of Pharmacology.

Dr. Eric G. Neilson as Assistant Professor of Medicine.

Dr. Graham E. Quinn as Assistant Professor of Ophthalmology.

Dr. Christopher Charles Rose as Assistant Professor of Medicine.

Dr. Jeffrey G. Rosenstock as Assistant Professor of Pediatrics.

Dr. Donald H. Rubin as Assistant Professor of Medicine.

Dr. Steven M. Schwarz as Assistant Professor of Pediatrics.

Dr. Ali A. Shahriari as Assistant Professor of Medicine at the Graduate Hospital.

Dr. David S. Smith as Assistant Professor of Anesthesia and Assistant Professor of Pharmacology.

Dr. Howard McC. Snyder, III as Assistant Professor of Urology in Surgery.

Dr. Steven Sondheimer as Assistant Professor of Obstetrics and Gynecology.

Dr. Marc R. Sontag as Assistant Professor of Radiation Physics in Radiation Therapy.

Dr. Brian L. Strom as Assistant Professor of Medicine.

Dr. Martin St. John Sutton as Assistant Professor of Medicine.

Dr. Alan G. Wasserstein as Assistant Professor of Medicine.

Dr. Harvey L. Waxman as Assistant Professor of Medicine.

Dr. Stuart Weiner as Assistant Professor of Obstetrics and Gynecology.

Dr. William S. Weintraub as Assistant Professor of Medicine.

Dr. John R. Wilson as Assistant Professor of Medicine.

Dr. Jeffrey E. Young as Assistant Professor of Psychology in Psychiatry.

Dr. John J. Young as Assistant Professor of Radiation Therapy.

• Dr. Robert B. Zurier as Professor of Medicine.

### Promotions

Dr. Ronald Arenson to Associate Professor of Radiology at the Hospital of the University of Pennsylvania.

Dr. Paul C. Atkins to Associate Professor of Medicine at the Hospital of the University of Pennsylvania.

Dr. Monty M. Bodenheimer to Associate Professor of Medicine.

Dr. Robert M. Cohn to Associate Professor of Pediatrics at Children's Hospital of Philadelphia.

Dr. Paul E. Epstein to Associate Professor of Medicine at the Graduate Hospital.

Dr. Aron B. Fisher to Professor of Physiology.

Dr. Donald H. Gilden to Professor of Neurology.

Dr. Stanley Goldfarb to Associate Professor of Medicine.

Dr. Robert A. Grossman to Associate Professor of Medicine at the Hospital of the University of Pennsylvania.

Dr. Paul J. Honig to Associate Professor of Pediatrics at Children's Hospital of Philadelphia.

Dr. Sergio A. Jimenez to Associate Professor of Medicine.

Dr. James A. Katowitz to Associate Professor of Ophthalmology at Children's Hospital of Philadelphia.

Dr. Stuart Alan Kauffman to Professor of Biochemistry and Biophysics.

Dr. Samuel T. Kuna to Assistant Professor of Medicine.

Dr. G. Clayton Kyle to Associate Professor of Medicine at the Hospital of the University of Pennsylvania.

Dr. John H. Lecky to Associate Professor of Anesthesia at the Hospital of the University of Pennsylvania.

Dr. Gary M. Levine to Associate Professor of Medicine at the Veterans Administration Hospital.

Dr. Sanford Levine to Associate Professor of Medicine.

Dr. Robert P. Lisak to Professor of Neurology.

Dr. Charles E. Mangan to Associate Professor of Obstetrics and Gynecology at the Hospital of the University of Pennsylvania.

Dr. Richard B. Raney to Associate Professor of Pediatrics at Children's Hospital of Philadelphia.

Dr. Peter Sterling to Professor of Anatomy.

Dr. Elaine H. Zackai to Associate Professor of Pediatrics at Children's Hospital of Philadelphia.

## School of Nursing

### Appointments

• Dr. Ellen Fuller as Associate Professor of Nursing.

Janet Meiningner as Assistant Professor of Nursing.

Joyce Beebe Thompson as Associate Professor of Nursing.

## School of Social Work

### Appointments

Dr. Renee S. Levine as Assistant Professor of Social Work.

Dr. Mark Stern as Assistant Professor of Social Work.

## School of Veterinary Medicine

### Appointments

Dr. J. Eugen Eigenmann as Assistant Professor of Medicine in the Department of Clinical Studies (Philadelphia)\*.

Dr. Lawrence T. Glickman as Associate Professor of Epidemiology, Department of Clinical Studies (Philadelphia)\*.

Dr. Robert B. Grieve as Assistant Professor of Parasitology in the Department of Pathobiology.

Dr. Eberhard Rosin as Associate Professor of Surgery in Clinical Studies (Philadelphia)\*.

Dr. Elizabeth A. Stone as Assistant Professor of Surgery in the Department of Clinical Studies (Philadelphia)\*.

### Promotions

Dr. Samuel K. Chacko to Professor of Pathology in the Department of Pathobiology.

• Dr. Vincent J. Cristofalo to Professor of Biochemistry in the Department of Animal Biology.

## Wharton School

### Appointments

Dr. Linda DeAngelo as Assistant Professor of Accounting.

Dr. David C. Schmittlein as Assistant Professor of Marketing.

Dr. Joan Zielinski as Assistant Professor of Marketing.

### Promotions

Dr. Randolph Westerfield to Professor of Finance.

• Dr. Lawrence S. Mayer, Associate Professor of Statistics.

• Dr. Paul Shaman, Associate Professor of Statistics.

\* There are two completely separate Departments of Clinical Studies in the Veterinary School, the other designated "New Bolton Center."

# ON CAMPUS

May 19-August

## Academic Calendar

**May 19** First summer session begins  
**June 26** First summer session ends  
**June 29** Second summer session begins  
**August 7** Second summer session ends

## Children's Activities

### Art

The Institute of Contemporary Art sponsors a children's program in conjunction with the exhibition, 11 a.m.-noon.  
**June 27** *Robert Zakanitch*, at ICA Gallery.

## Exhibits

**May 22-24** The Department of Landscape Architecture and Regional Planning presents *Pennscape '25*, an exhibition of the accomplishments made by the Department and its alumni during the past 25 years, at Central Gallery, GSFA. Opening May 22, 5-7 p.m.

**May 22 through August 29** *Echoes of the Samurai*, a Japanese arms and armor exhibit with helmets, weapons, samurai swords and body armor dating from the 17th-19th centuries at the University Museum; accompanied by a continuously-run video-film on the making of *tsubas* (sword guards) produced by the Japan Foundation.

**Through May 29** *Exhibition of paintings and pastels* by Penn alumni Michael Neff and Claire Marcus, at the Faculty Club Gallery.

**Through May 30** *Exhibition of writings, correspondence and memorabilia of Ezra Pound, '06 M.A. and William Carlos Williams, '06 M.D.*, sponsored by the Writing Program of the Department of English and Friends of the Library, at the Lessing J. Rosenwald Gallery, 6th floor, Van Pelt Library.

**Through June** *African Sculpture from the Collections*, more than twenty masks and statues from sub-Saharan Africa at the Sharpe Gallery of the University Museum.

**Through June** *A Century of Black Presence at the University of Pennsylvania, 1879-1980*, at Van Pelt Library.

**June 12 through August 9** *Robert Zakanitch*, mid-career review of painter Robert Zakanitch whose large, decorative canvases explore color and pattern, at the ICA.

**Through August** *The Egyptian Mummy: Secrets and Science*, the exhibit conveys Egyptian ideas about life after death and health and disease patterns; at the University Museum.

**Through September** *Black Presence in the Law School—1888-1981*, at the rotunda of the Law School Building.

**Faculty Club Gallery Hours** Monday-Friday, 9 a.m.-9 p.m.; closed weekends.

**Furness Fine Arts Library Hours** Monday-Thursday, 9 a.m.-11 p.m.; Friday, 9 a.m.-10 p.m.; Saturday, 10 a.m.-5 p.m.; Sunday, 1-11 p.m.

**ICA Gallery Hours** Monday, 10 a.m.-5 p.m.; Tuesday, 10 a.m.-7:30 p.m.; Wednesday-Friday, 10 a.m.-5 p.m.; Saturday and Sunday, noon-5 p.m.

**Rosenwald Gallery Hours** Monday-Friday, 9 a.m.-5 p.m.; Saturday, 10 a.m.-4 p.m.

**University Museum Hours** Tuesday-Saturday, 10 a.m.-5 p.m.; Sunday, 1-5 p.m. Closed Sundays, Mondays, and holidays from June 28 to Sept. 6.

## University Museum Gallery Tours

**May 20** *Sub-Saharan Africa*  
**May 27** *North American Indians*

All tours begin inside University Museum's main entrance at 1 p.m. and last 45 minutes. \$1 donation requested.

## Films

### Rialto Bijou

**June 10** *New Animation-Part I*  
**June 17** *City Flickers*  
**June 24** *The Wild*, with filmmaker Peter Rose  
**July 1** *Beasts*, with filmmaker Peter Rose  
**July 8** *Punk, Funk, and Found*  
**July 15** *Modern Detective*

**July 22** *Direct Address*, with filmmaker Peter Rose  
**July 29** *New Animation-Part II*  
**August 15** *Nuclear Family Warfare*  
**August 22** *Remnants of Cultural Democracy*

This series of more than 80 short films opens its third season at International House, 7:30 and 9:30 p.m. Admission: \$2.50.

## Japanese Film Series

**June 13** *Kagemusha*  
**June 27** *Throne of Blood*  
**July 11** *Gate of Hell*  
**July 25** *Living Treasures of Japan*  
**August 8** *The Forty Seven Ronin (or Genroku Chushingura) Part I*  
**August 15** *The Forty Seven Ronin (or Genroku Chushingura) Part II*

This series of Japanese films will be shown to highlight the Museum's summer exhibition *Echoes of the Samurai: Japanese Arms and Armor*; all films will be shown at 10:30 a.m. in the Harrison Auditorium, University Museum. Admission: free.

**Through August 31** *Mummy 1770, The Unwrapping and Egypt's Pyramids, Houses of Eternity*, shown in conjunction with the current exhibition *The Egyptian Mummy: Secrets and Science*. Saturdays at 1:30 and 2:30 p.m.; Sundays at 1:30 p.m. in Harrison Auditorium of the Museum.

## Meetings

**Trustees:** Executive Board meeting tentatively scheduled for **June 11**; stated meeting of the full board tentatively scheduled for **June 19**, 2-4 p.m. in the Council Room, Furness Building. Open to observers who must register in advance with the Office of the Secretary, Ext. 7005.

## Music

**May 29** The Penn Composers' Guild presents new music by graduate composers for small ensemble, 8 p.m. in the Music Building Annex.



This 4th-Century Roman fragment shows a classic Adam and Eve. In the *Living Players'* version at Vance Hall June 11, a secretarial Eve and supervisory Adam reverse their roles (See Special Events.) Illustration courtesy of the University Fine Arts Library.

**June 6** The University Museum and the Collegium Musicum of the University's present a *Baroque Flute Recital* by Ruth C. Drye, accompanied by Kim Heindell, harpsichord; Karen Meyers, theorbo; and Mary Anne Ballard and Langdon Corson, violas da gamba performing works by Rameau, J.S. Bach, Marais, Telemann, and others, 2 p.m. at the Lower Egyptian Gallery, University Museum.

## Religion

**Ecumenical Eucharist** 12:10 p.m. Fridays at the Christian Association. A gathering for new and informal ways of sharing communion.

**Episcopal** Weekly services at St. Mary's Church. Information: 386-3916.

**Jewish** Orthodox and Reform services are held at Hillel and Conservative services, at the Christian Association Auditorium Fridays. Shabbat morning services (Conservative and Orthodox) are held at Hillel 9:30 a.m. Saturdays. **Lutheran** Eucharist service 10 a.m. Sundays at the Lutheran Student Center. Information: 387-2885.

**Muslim** The Muslim Student Association hosts Jumaa congregational prayer and meeting, 12:30 p.m. Fridays, at Room 245, Houston Hall.

**Roman Catholic** Mass at 11 a.m. on Sunday at the Newman Center.

## Special Events

**May 19** *A-3 Annual Elections*, noon-2 p.m., open to all A-3 employees of the University. For list of polling places see *Almanac*, May 12, page 7.

**Through June 5** *Registration for English classes* at International House, every Monday, Tuesday and Friday, 10 a.m.-4 p.m. by personal interview. Call 387-5125, Ext. 225 for more information.

**May 22-24** *25th Anniversary of the Department of Landscape Architecture and Regional Planning*. Opening of the *Pennscape '25* exhibition and cocktail reception 5-7 p.m., May 22; conference sessions and dinner, May 23; first meeting of Pennscape Alumni Association, May 24. For information call Marie Komansky, Ext. 5967.

**May 23, 30 and June 13, 20** *Hmong Embroidery Workshops*, 10:30 a.m.-12:30 p.m. at International House (bring a pair of scissors), cost: \$3 each class.

**June 5** School of Nursing, Center for Continuing Education presents *Gerontological Nursing: Implementation in Educational and Service Settings*, 9 a.m.-4 p.m. at Nursing Education Building.

**June 7** Family Day at the Morris Arboretum includes guided walking tours of the landscaped grounds, picnicking, noon-4:30 p.m. For a map and reservations call Alumni Relations, Ext. 7811.

**June 11** WEOP sponsors *The Living Players* in *Adam and Eve*, a satire on sex roles of female secretary and male boss, 12 noon in B-11 Vance Hall, free under a grant of the Pennsylvania Council for the Humanities.

**June 18** *United States Postal Service Professional Management Commemorative Stamp Issuance Ceremony* with an address and presentation by the Honorable William F. Bolger, postmaster general, 11:30 a.m.-noon at Annenberg School Auditorium. First Day Covers and stamps will be available, 10:30-11:30 a.m. and noon-2 p.m. in the lobby of Annenberg School. For Reservations call Ext. 7601.

**June 21** *Rose Sunday* at Morris Arboretum, 9 a.m.-5 p.m., free roses given to the first 100 fathers, a string quartet will perform, 1-3 p.m. and members of the Rose Society will answer questions. Admission: \$1, 50¢ for children and senior citizens.

**June 27** *I.S.A. Tree Climbing Jamboree* at Morris Arboretum, includes demonstrations, contests and tours, 9 a.m.-5 p.m. Admission: \$1, 50¢ for children and senior citizens.

## Sports

**May 23** *Heavyweight Crew* vs. Northeastern at Boston (Burk Cup).

**May 23-24** *Men's Outdoor Track* competes in the IC4A at Villanova.

**May 23** *Heavyweight Crew* vs. Cornell at Ithaca, NY (Madeira Cup).

**June 4-5** *Heavyweight and Lightweight Crew* compete in the IRA at Syracuse, NY; *men's outdoor track* competes in the NCAA at Baton Rouge, LA.



## Talks

**May 19** Department of Psychiatry presents Dr. Mogens Schou, professor of psychiatry, Aarhus University, Denmark, on *Lithium Treatment and Research: New Developments*, 11:30 a.m.-1 p.m. at Medical Alumni Hall, HUP.

Respiratory Physiology Seminars present Dr. Zoltan Annau, John Hopkins University, on *Consequences of Prenatal Carbon Monoxide Exposure*, 12:30-1:30 p.m. at Physiology Library, 4th floor Richards Building.

School of Nursing presents Jill Ward, MSN, Hahnemann Medical College, on *Shiatsu Massage, Non Traditional Health Practices: Applications for Nursing*, 4:30-6:30 p.m. at Nursing Education Building.

Piersol Rehabilitation Center salutes *International Year of the Disabled* with a seminar featuring Cindy Glass, assistant director, Camp Independence and Kurt Baker, Easter Seals Society, on *Camping for the Disabled*, 6-7 p.m. at Piersol Rehabilitation Center, first floor gymnasium, HUP.

Department of Bioengineering presents Dr. John S. Leigh, Johnson Foundation at Penn., on *NMR Imaging*, 7 p.m. at the Faculty Club (part of IEEE Night, dinner at 6 p.m.). For information call Dr. K.R. Foster, Ext. 8534.

**May 20** Roundtable Luncheon on *Female Entrepreneurs* for current and prospective businesswomen, 11:30 a.m.-2 p.m. at the Warwick Hotel, co-sponsored by Wharton Small Business Development Center and Creative Alternatives for Women, a non-profit career development center, with Susan Garber, director, S.B.D.C. For reservations call Ferne Kuhn, 576-5533. Cost: \$18.

**May 26** Program for Epidemiologic Research and Training and Research and Training Center for the Aged Physical Medicine and Rehabilitation presents Paul Levy, Sc.D., professor and chairman, Program in Epidemiology and Bio-

metry, University of Illinois, School of Public Health, on *Evaluation of the Illinois Trauma Program*, noon at Room 110 Nursing Education Building.

School of Nursing, Center for Continuing Education presents Agatha Gallo, instructor, Penn's School of Nursing, on *Non-Traditional Health Practices: Applications for Nursing — Rituals and Practices in Selected Cultures and Ethnic Groups*, 4:30-6:30 p.m. at Nursing Education Building.

**May 29** Piersol Rehabilitation Center salutes *International Year of the Disabled* with a seminar featuring Bonnie Gellman, the Mayor's Advocate for the Disabled, on *Community Resources*, 6-7 p.m. at Piersol Rehabilitation Center, HUP, first floor gymnasium.

**May 30** Saturday at the University, a CGS Series presents Amulya K.N. Reddy, Indian Institute of Science and Thomas P. Hughes, Penn professor of history and sociology of science, on *The Shaping of Science and Technology in Developing Countries*, 10 a.m. at the University Museum.

**June 2** Respiratory Physiology Seminars presents Dr. Robert Egan, Merck Institute for Therapeutic Research, on *Enzymatic Free Radical Generation and Organic Oxidation reactions by Prostaglandin Cyclooxygenase Hydroperoxide*, 12:30-1:30 p.m. at the Physiology Library, 4th floor Richards Building.

Piersol Rehabilitation Center presents Dolores Quinn, professor of design, Drexel University, on *Fashion Design for the Disabled*, 6-7 p.m. at Piersol Rehabilitation Center, HUP, first floor gymnasium.

**June 3** Piersol Rehabilitation Center presents Norm Constantine, trained in martial arts for disabled, a lecture/demonstration on *Self-Defense for the Disabled*, 6-7 p.m. at Piersol Rehabilitation Center, HUP, first floor gymnasium.

**June 5-6** The Department of Orthopaedic Surgery, pre-

sents *Bioengineering for the Orthopaedic Surgeon*, Dr. Johnathan Black, course director. For more information call Nancy Wink at Ext. 8006.

**June 9** Respiratory Physiology Seminars present Dr. Alan Cameron, Penn's physiology department, on *Ultrastructure of Tracheal Smooth Muscle*, 12:30-1:30 p.m. at Physiology Library, 4th floor Richards Building.

**June 10** Piersol Rehabilitation Center presents Rose Marcus and Cliff Anderson, artists, on *Disabled Artists*, 6-7 p.m. at Piersol Rehabilitation Center, HUP, first floor gymnasium.

**June 11-13** The Department of Obstetrics and Gynecology presents *Genetics for the Perinatologist*, Dr. Michael Mennuti, course director. For more information call Nancy Wink at Ext. 8006.

**June 16** Respiratory Physiology Seminars presents Dr. Thomas Aldrich, Penn's physiology department, on *Pulmonary Metabolic Effects of Paraquat*, 12:30-1:30 p.m. at Physiology Library, 4th floor Richards Building.

**June 17** Piersol Rehabilitation Center presents Rosemarie Boyle, vocational counselor, on *A Different Approach*, 6-7 p.m. at Piersol Rehabilitation Center, HUP, first floor gymnasium.

**June 23** Respiratory Physiology Seminars present Dr. Neal Smatresk, Penn., on *Ventilation and Acid-base Balance in Air Breathing Crabs*, 12:30-1:30 p.m. at Physiology Library, 4th floor Richards Building.

## To list an event

Information for the July *Almanac* calendar must reach our office by Monday, July 6. Send or bring copy and photos to our new offices at the Christian Association, 2nd floor, at 36th and Locust Walk.

# OPPORTUNITIES

Listings are condensed from the personnel bulletin of May 18, 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;

**Dental School:** 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

**Accountant I** (3583) \$11,400-\$15,800.

**Accountant II** (3887) \$14,200-\$19,625.

**Accountant, Operations** (3814).

**Applications Programmer II** (3747) \$16,325-\$22,600.

**Assignment/Billing Officer** (3793) \$11,400-\$15,800.

**Assistant Bursar** (3881) \$16,325-\$22,600.

**Assistant Director** (3753).

**Assistant Director, Placement** (3915) \$11,400-\$15,800.

**Assistant to the President** (3914).

**Assistant to Treasurer II** (3901).

**Assistant to Vice Provost** (3869) \$14,200-\$19,625.

**Assistant Trainer** (3835) \$12,375-\$17,425.

**Associate Director of Graduate and Professional Aid** (3912).

**Associate Director of Student Life, Development Programs** (3868) \$16,325-\$22,600.

**Business Administrator II** (2 positions) \$12,375-\$17,425.

**Coordinator, College House Programs** (3876) \$16,325-\$22,600.

**Counseling Psychologist II** (3945) counsels individuals and groups; campus outreach; liaison; in-service training activities; possible teaching (doctorate in counseling psychology; two years' experience in college counseling center; other experience considered) \$16,325-\$22,600.

**Department Head I** (3926) \$14,200-\$19,625.

**Director** (3910).

**Director, Admissions Data Systems** (3569) \$16,325-\$22,600.

**Director, Research Accounting** (3955) responsible for all accounting of all sponsored programs (degree in business administration with major in accounting; four years responsible administrative experience).

**Director, University Bookstore** (3650).

**Education Coordinator I** (3928) \$11,400-\$15,800.

**Environmental Safety Officer** (3716).

**Foreign Student Advisor** (3922).

**Foreman, Repairs and Utility** (3938) supervises daily operation of air conditioning shop, schedules all repairs and installation (graduate from recognized apprenticeship program in air conditioning field or equivalent training; ability to supervise and work independently) \$14,200-\$19,625.

**Group Practice Business Administrator** (C0021) manages the financial systems, service, personnel and physical resources of the Emergency Department (advanced degree in business or hospital administration with three-five years' experience in hospital management with emphasis on ambulatory and emergency medical care).

**Judicial Inquiry Officer** (3453) \$16,325-\$22,600.

**Junior Research Specialist** (4 positions) \$11,400-\$15,800.

**Language Specialist/Limited Service** (3894) \$11,400-\$15,800.

**Librarian II** (3443) \$14,200-\$19,625.

**Librarian III** (3946) responsible to Director of libraries for library development and to Assistant Director for reference, bibliographic and other specified responsibilities (ALA-accredited MLS and/or Ph.D. in humanities with several years' experience; expertise in working with rare books and manuscripts; familiarity with Latin and/or modern European language desirable) \$16,325-\$22,600.

**Manager, Records Processing** (3888) \$14,200-\$19,625.

**Nurse Practitioner II** (B1003) \$16,325-\$22,600.

**Office Manager** (B0873) \$11,400-\$15,800.

**Operations Manager** (3807).

**Personnel Specialist** (3838) \$14,200-\$19,625.

**Registrar** (3760).

**Research Specialist I** (3 positions) \$12,375-\$17,425.

**Research Specialist I** (C0029) prepares field notes and excavated material from Rayy, Iran; arranges material into typologies; inputs into a computer program; prepares Arabic sources (knowledge of Arabic, French and German, experience in the field of archaeological excavations with medieval Islamic material and a general background in Islamic studies) \$12,375-\$17,422.

**Research Specialist II** (2 positions) (C0011) (B0943) \$14,200-\$19,625.

**Research Specialist II** (C0023) prepares cells from rats by dissection of nerves; prepares tissue culture media; short term tissue culture; some biochemical assays (degree in biological or chemical field or laboratory technician training; some tissue culture experience; five years' laboratory experience) \$14,200-\$19,625.

**Research Specialist III** (B0942) \$16,325-\$22,600.

**Research Specialist III** (2 positions) (C0024) coordinates research of the reproductive immunology unit of the Reproductive Biology Division of the OB/GYN Department; writes proposals and journal articles; studies the per-tubing effect of antisperm antibodies upon certain steps in reproduction (advanced degree in biology; five years' experience in immunological research; experience in vitro fertilization techniques); (C0027) conducts independent laboratory research in cellular neurophysiology leading to published results in reference journals (Ph.D. with two years' research experience in neurophysiology) \$16,325-\$22,600.

**Research Specialist IV** (B0992).

**Scientific Director, MASCA** (3952) administers, controls and directs the Museum Applied Science Center for Archaeology (Ph.D. in physics and ten years' experience in scientific methods applied to archaeology; experience as a scientific writer and editor; experience as a supervisor of research).

**Senior Programmer Analyst** (2 positions).

**Senior Systems Programmer** (3930) generates and maintains operating systems; analyzes operating system performance and tunes it for MSCF environment; consults with students and faculty on operating system problems; designs and implements operating system enhancements (degree in Computer Science or related field; knowledge of OS1100 operating systems; competence in Univac 1100 assembler language; three-five years' experience in operating system maintenance and development).

**Staff Assistant** (C0002) \$11,400-\$15,800.

**Staff Nurse** (3821) \$11,400-\$15,800.

**Staff Psychiatrist** (3840).

**Training Coordinator** (3878).

**Vice-Dean, Law School** (3434).

**Vice President for Operational Services** (3786).

(Continued on page 12)

# OPPORTUNITIES

Continued from Page 11

## Support Staff

**Administrative Assistant I** (7 positions) \$8,775-\$10,850.  
**Administrative Assistant II** (3 positions) \$9,400-\$11,675.  
**Admissions Assistant** (3934) handles mail, transfer admissions, telephone inquiries, counter inquiries; types; responds to correspondence and maintains files (experience in admissions or related work; excellent typing) \$8,775-\$10,850.  
**Air Conditioning and Refrigeration Mechanic** (5 positions) Union wages.  
**Animal Laboratory Supervisor I** (3811) \$13,700-\$16,875.  
**Animal Laboratory Technician** (C0018) Union wages.  
**Billing Assistant** (B0985) \$8,775-\$10,850.  
**Billing Assistant** (C0022) makes deposits, posts checks, posts charges on statements, light typing (high school graduate, ability to communicate with patients; basic information dealing with insurance, good with figures) \$8,775-\$10,850.  
**Bookkeeper** (3867) \$8,825-\$10,875.  
**Bookstore Clerk I** (3349) \$6,725-\$8,175.  
**Budget Assistant** (3956) originates and processes paperwork of weekly paid personnel from the Request Employee Services (degree or business school graduate preferred; three to five years' experience; knowledge of University systems; ability to work independently and relate well with others; excellent clerical and numerical aptitude) \$9,400-\$11,675.  
**Buyer I** (2 positions) (3832) (3822) \$8,775-\$10,875.  
**Clerk I** (3 positions) \$6,775-\$8,175.  
**Clerk III** (3840) \$7,700-\$9,425.  
**Clerk IV** (3775) \$8,250-\$10,150.  
**Clerk, Accounting** (3936) answers phone, posts revenue and cash to receivables; aggressive follow-up on delinquent

accounts through correspondence and telephone; maintains accurate and daily filing; credits checks on all clients (high school graduate; legible handwriting and general clerical skills; good typist and pleasing personality) \$7,750-\$9,425.  
**Collection Assistant** (3584) \$8,250-\$10,150.  
**Coordinating Assistant** (3815) \$9,400-\$11,675.  
**Data Control Clerk** (3891) \$8,775-\$10,850.  
**Data Control Clerk** (B0993) (40 hrs.) \$10,025-\$12,400.  
**Electronic Technician I** (B0399) \$9,600-\$11,700.  
**Electronic Technician II** (2 positions) (C0010) (3851) \$10,700-\$13,125.  
**Electronic Technician III** (B0996) \$12,000-\$14,750.  
**Farmhand** (B0882) \$5,725-\$7,235.  
**Gardener II** (3898) \$10,475-\$13,400.  
**Groom** (2 positions) (3847) (3849) \$7,200-\$9,200.  
**Head Stockkeeper** (3893) \$8,775-\$10,850.  
**Herdman I** (2 positions) (B0922) (B0923) \$11,100-\$12,300.  
**Information Systems Technician** (3837) \$10,025-\$12,525.  
**Intermediate Draftsperson** (3866) \$9,600-\$11,700.  
**Laboratory Utility Person** (B0995) \$8,300-\$10,650.  
**Mail Carrier** (3842) Union wages.  
**Programmer II** (B0986) \$10,700-\$13,450.  
**Project Budget Assistant** (3869) \$8,775-\$10,850.  
**Psychology Technician I** (C0028) interviews patients and codes data for research with cancer patients (degree, experience with medical terminology and interviewing experience) \$10,700-\$13,125.  
**Receptionist I** (3899) \$7,765-\$9,325.  
**Receptionist II** (3809) \$8,250-\$10,150.  
**Repairs Expediter** (3852) \$8,775-\$10,850.  
**Research Laboratory Technician I** (2 positions) (3879) (B0983) \$8,550-\$10,375.  
**Research Laboratory Technician II** (6 positions) \$9,600-\$11,700.  
**Research Laboratory Technician II** (C0020) performs

routine hematologic, parasitic, and clinical chemistry tests in a clinical pathology laboratory (medical technical program graduate or a B.S., preferably with experience in this area; familiarity with automated equipment; ability to work independently) \$9,600-\$11,700.  
**Research Laboratory Technician III** (2 positions) (C0020) performs experiments on white blood cells, prepares samples for electron microscopy, obtains rabbit peritoneal exudates (degree with a science major; relevant experience desired) (C0026) cerebral blood flow, 133-Xenon inhalation technique of measuring CBF in human subject; involves handling and counting radioactive materials, and working with patients (degree with science background or experience as technician; venapunctures and statistical analysis, and experience with psychological testing is helpful but not essential) \$10,700-\$13,125.  
**Research Laboratory Technician III** (19 positions) \$10,700-\$13,125.  
**Secretary II** (8 positions) \$7,700-\$9,425.  
**Secretary III** (11 positions) \$8,250-\$10,150.  
**Secretary IV** (4 positions) \$9,400-\$11,675.  
**Secretary, Medical/Technical** (6 positions) \$8,775-\$10,850.  
**Secretary, Technical/Word Processing** (3826) \$8,775-\$10,850.  
**Secretary, Technical/Word Processing** (3950) types on word processor and typewriter; prepares text for optical character reader; records processing (excellent typing, grammatical skills, knowledge of manuscript formats, ability to learn word processing equipment; ability to work under pressure; pleasant manner) \$8,775-\$10,850.  
**Senior Admissions Assistant** (3943) represents University through Admissions Office over phone and through mail; meets, greets, talks to prospective students and their parents; extensive phone/mail contact; schedules and arranges meetings and travel; compiles and maintains reports and records; monitor recruitment budget allocation (high school graduate; oral and written skills; ability to deal with people; able to coordinate diverse activities and supervise work of others; experience in admissions or university) \$9,400-\$11,675.  
**Steamfitter** (3868) Union wages.  
**Technician, Information Systems** (3923) \$10,025-\$12,525.  
**Typist II** (3865) \$7,200-\$8,750.

## Summer Hours — Openings and Closings

**The C.A. Eatery and Sidewalk Cafe** Monday through Thursday, 11 a.m.-7 p.m.; Friday, 11 a.m.-2 p.m.  
**Faculty Club Alumni Hall:** lunch, 11:30 a.m.-1:30 p.m. until May 25; closed for dinner. Cafeteria: partial waitress service, 11:30 a.m.-2 p.m. Cocktail Buffet: 11:30 a.m.-6:30 p.m. Cocktail Lounge: 11:30 a.m.-7 p.m. The Club will be open for private parties and outside functions. Faculty Club Barbershop: Tuesday through Thursday, 9 a.m.-2 p.m. Business Office: Monday through Friday, 9 a.m.-4:30 p.m. all summer.  
**Flower and Cook Observatory** on roof of DRL, Monday and Thursday, 9-10:30 p.m.  
**Gimbel Gym** now-July 31, Monday through Friday, noon-7 p.m.; doors close at 6:30 p.m.; closed August.  
**Hillel Foundation** open through June 30, Monday through Friday, 9 a.m.-5 p.m.; July Monday through Thursday 10 a.m.-3 p.m. August Monday through Friday 9 a.m.-5 p.m. Services on Friday 7 p.m. and Saturday 9:30 a.m.  
**Houston Hall** renovating in basement June - August. Check Cashing, Candy Shop, Copy Center and Game Room will be temporarily relocated in the Bowl Room, room 122 on the first floor. The Travel Service will be in room 2 of the UMC Office on the 2nd floor; all shops will be open 9 a.m.-4 p.m. Hardee's: Monday through Friday 11 a.m.-3 p.m. Rathskeller: Monday through Friday noon-6 p.m. Information Desk: Monday through Friday 7:30 a.m.-4:30 p.m. Post Office, Clog & Jog, Record Shop, Barber Shop and Ticket Office: closed.  
**Hutchinson Gym** now-August 14, Monday through Friday, noon-7 p.m. closed Memorial Day, May 25 and Independence Day, July 3; closed August 14 - September 7; will reopen September 8.  
**Institute of Contemporary Art** Monday and Wednesday - Friday, 10 a.m.-5 p.m.; Tuesday, 10 a.m.-7:30 p.m.; Saturday and Sunday, noon-5 p.m.  
**Levy Tennis Pavilion** through July, Monday through Friday 8 a.m.-10 p.m.; Saturday, 9 a.m.-4 p.m., Sunday, 10 a.m.-4 p.m. closed August will reopen August 31.  
**Morris Arboretum** June through August daily 9 a.m.-5 p.m. except Wednesdays, 9 a.m.-8 p.m.  
**Newman Center** until June 1, Monday through Friday 9 a.m.-5 p.m.; Sunday 11 a.m. Mass all summer; call to verify. After August 20, Monday through Friday 9 a.m.-5 p.m.

**Potlatch Restaurant at the University Museum** June 1 - September 4, Monday through Friday 8 a.m.-4 p.m. Open Saturday May 30; Closed May 23, 24, 25 and 31.  
**Transportation** courtesy bus runs Monday through Friday. Passengers are required to show University or HUP identification cards upon boarding the bus, which departs from Houston Hall at the following times:

4:30 p.m.	8:50 p.m.
5:10 p.m.	10:10 p.m.
5:55 p.m.	10:45 p.m.
6:40 p.m.	11:15 p.m.
7:30 p.m.	11:50 p.m.
8:05 p.m.	12:30 p.m.

The bus makes regular stops along the following route:

33rd & Walnut	43rd & Baltimore
30th St. Station	46th & Springfield
36th & Walnut	48th & Springfield
38th & Walnut	47th & Baltimore
39th & Spruce	47th & Pine
40th & Baltimore	44th & Pine
42nd & Baltimore	44th & Spruce
42nd & Chester	42nd & Spruce

Starting with the 5:55 p.m. run, the bus follows the same route but will deviate, upon request, to leave riders at off-campus residences. Persons wishing to return to campus after 5:55 p.m. from West Philadelphia residences should call 243-7297 to schedule a pickup. The bus operates all summer, starting June 1. There will be no service on July 4. **University Bookstore** May 18-22, Monday through Thursday 9:30 a.m.-6:30 p.m., Friday 9:30 a.m.-5 p.m.; closed May 23-25. May 26-29, 9:30 a.m.-5 p.m., closed Saturday and Sunday. June 1 through August, Monday through Friday, 9:30 a.m.-4:30 p.m., closed Saturday and Sunday. **University Museum** starting June 28 Tuesday through Saturday 10 a.m.-5 p.m., closed Sunday and Monday. Open Sunday, September 13. **Museum Shop:** Tuesday through Saturday 10 a.m.-4 p.m. June, Sunday 1 p.m.-4 p.m. Closed July 4.  
**Van Pelt and Lippincott Libraries** Monday through Thursday 8:45 a.m.-9 p.m., Friday 8:45 a.m.-5 p.m., Saturday 10 a.m.-6 p.m., closed Sunday.  
**Wistar Museum** Monday through Friday 9 a.m.-4 p.m.

## Part-time Positions

### Administrative/Professional Staff

**Staff Physician** (B0525).

### Support Staff

**Administrative Assistant I** (3904) Hourly wages.  
**Extra Person** (3459) Hourly wages.  
**Office Help** (3464) Hourly wages.  
**Person** (3 positions) Hourly wages.  
**Person** (B0984) \$4,533-\$5,962.  
**Receptionist** (3890) Hourly wages.  
**Secretary** (5 positions) Hourly wages.  
**Secretary, Medical/Technical** (B0780) Hourly wages.  
**Telephone Operator** (3944) operates Dimension phone system; some typing and clerical duties (high school graduate, no hearing impairment) Hourly wages.

## Volunteers for Paid Research

Male students (ages 18-28) are needed to participate in Penn's Medical School summer research studies dealing with physiological reactions to verbal stimuli. Token reimbursement for one 5½-hour session is \$17.80. Call Mrs. Dinges at 748-2140 for further information and an appointment.

## Save for Summer

This is the last issue of *Almanac* for the semester. Anyone interested in finding a new position at the University may wish to save the list of personnel bulletin boards (in column one of page 11) for handy reference during the summer months. The jobs will continue to be posted even though they will not appear weekly in print.

*Almanac* expects to publish one midsummer issue, on or about July 14, and to resume weekly publication on September 15.