HONORS

President Gerald Ford has awarded the President's National Medal of Science for 1974 to Dr. Britton Chance, professor of biophysics and physical biochemistry in the Medical School. One of twelve recipients, he was honored for his "contributions to our knowledge of cellular and sub-cellular physiology." Dr. Chance, who joined Penn's faculty in 1948, ranks second among the 50 most cited authors in the world according to an article on citation analysis in the May issue of Science magazine.

The Academy of Arts and Letters has presented the Arnold W. Brunner Memorial Prize in Architecture to Lewis Davis, Penn alumnus and architect of the upcoming Quadrangle renovation, for "consistently producing architecture as an artform."

Two awards of the Philadelphia Professional Chapter of Women in Communications, Inc. were made to Penn people: one to Mary Anne Meyers, contributing editor of the Pennsylvania Gazette and member of the President's Office staff for her Gazette feature "The Story of David"; the other to Karen Gaines, editor of Almanac, for best communications effort by a nonprofit institution.

Penn Medical School alumni who have served as externs in the Student Health Service at HUP have established an award named in honor of Dr. Paul F. Schrode, Medical Director of the Service since 1955. Dr. Deborah Morgan Davenport, a service extern this year, was the first recipient of the Dr. Paul F. Schrode Award that will be given annually to a graduating medical student who "has shown outstanding and continued excellence and dedication in both the art and science of primary health care."

Citations and awards of the late Dr. George Taylor have been placed on permanent display in Taylor Hall (B-10 Vance Hall). Former professor of industry in the Wharton School, Dr. Taylor also served as labor advisor to five U.S. presidents.

Dr. K.C. Tsou, associate professor of chemistry in surgical research, has been appointed to a four-year term on the editorial board of the Journal of Histochemistry and Cytochemistry.

Dr. Julius Wishner, professor of psychology, was honored with a biographical monograph by the Revue de Psychologie Appliquée.

Amherst College has conferred an honorary Doctor of Science degree on Dr. Irving J. Wolman, professor emeritus of pediatrics and former head of the pediatrics division of the Graduate School of Medicine.

NEWS IN BRIEF

TRUSTEES: BUDGET AND OTHER ACTIONS

The Trustees in their full meeting on June 6 passed a $279.7 million budget (pages 4-5). They elected to a five-year term William D. Patterson, who for the past two years has headed the record-breaking Annual Giving campaign; and reelected Morton H. Wilner to his second five-year term. Other actions: pages 4-5.

ATHLETICS DIRECTOR: ANDY GEIGER

Andy Geiger, athletic director of Brown University for the past three years, has been named to succeed Fred Shabel as Director of Recreation and Intercollegiate Athletics here. Praised by local press for his turnaround of Brown teams ("from doormat to Ivy Power") and by search committee chairman Alice F. Emerson for making a $2000 women's athletics program into a $102,000 one, Geiger had served at Dartmouth as crew coach and at Syracuse as assistant athletic director. He has also been an assistant commissioner of the Eastern College Athletic Conference.

ACTING DEAN: LOUIS POLLAK

President Martin Meyerson and Provost Eliot Stellar have announced the selection of Louis H. Pollak, Albert M. Greenfield Professor of Human Relations and Law, as Acting Dean of the Law School effective July 1. The search for a permanent dean will continue, Provost Stellar said.

Professor Pollak joined Penn's faculty in 1974 following twenty years as professor of law at Yale, where he served as dean of the Law School from 1965-70. Widely known for his work in the field of constitutional law, he is the author of a major two-volume history of the Supreme Court. He succeeds Bernard Wolfman who will continue on the faculty as Kenneth W. Gemmill Professor of Tax Law and Tax Policy.

ONE-DAY SURGERY

In by 8, out by 5: more than 2,000 people a year will be able to come to the Hospital of the University of Pennsylvania in the morning for minor surgery, diagnostic tests and X-rays, biopsies, blood transfusions and other procedures that can be done in a short time, and still be home for dinner. An 11-bed Short Procedures Unit (SPU) is being built this summer to accommodate patients who otherwise would have to stay overnight in the Hospital.

A major portion of the cost will come from the proceeds of the 1975 University Hospital Antiques Show. The Show's honorary chairman, Mrs. Moreau D. Brown, and co-chairmen, Mrs. Robert ...
L. Mayock, and Mrs. Edwin C. Donaghy Jr., announced on June 11 that to date the 1975 Show had netted $116,000, and additional funds are anticipated when all the figures are complete.

This brings the cumulative proceeds to the Hospital since the Show's inception in 1962 to $1,120,363.32.

The new SPU unit will consist of four patient rooms, accommodating 11 people, a lounge, office and nursing station. Patients will be admitted in the morning. Surgery and biopsies will be performed in existing operating rooms, and patients will return to the SPU for the recovery period. When the special gastro-intestinal laboratory is built nearby, endoscopies, secretory studies and similar diagnostic procedures will be done there, with patients staying in the SPU.

The SPU offers many advantages—patients, to the Hospital, to physicians, and to the cooperating insurance carriers. Blue Cross, Medicaid and Medicare:
- Admissions procedures will be simpler and more convenient.
- One-day care is considerably less costly to the Hospital, and thus to insurance carriers and patients.
- The Hospital can offer services to more patients.
- Patients with children do not have to be away from them overnight.

MEDICAL SCHOOL: DEPARTMENTAL MERGER

The department of biophysics and physical biochemistry and the department of biochemistry have been merged as of July 1.

“We have come to the point in this Medical Center where the disciplines of biochemistry and biophysics are intellectually indivisible,” a statement by the joint faculties said.

To facilitate the merger, Drs. Britton Chance and James J. Ferguson Jr. have resigned as chairmen of the former departments; but both will retain their professorships in the new one. In addition, Dr. Chance will continue as director of the Eldridge Reeves Johnson Foundation for Medical Physics and as Eldridge Reeves Johnson Professor of Biophysics and Physical Biochemistry. Dr. Ferguson has assumed new responsibilities as Associate Dean for Institutional Research and Graduate Education.

Dean Edward J. Stemmler has asked Dr. Takashi Yonetani, professor of physical biochemistry, to assume leadership of the new department on an interim basis, and a committee is now being formed to select a permanent chairperson.

BOOKSTORE DIRECTOR: GERALD RITCHIE

Gerald T. Ritchie has been named director of the University Bookstore, George Kidd Jr., director of auxiliary services, has announced. Assistant director and merchandise manager for the last three years, Mr. Ritchie joined the staff in 1968 as assistant textbook manager. He is an alumnus of Louisiana State University and has done graduate work there and at Temple.

SUMMER PROGRAMS FOR LOCAL YOUTH

More than 500 children from West Philadelphia will participate in recreational and employment programs at Penn this summer.

Headed by Director of Recreation Ronald Bond, a five-week DHEW-supported program will offer 400 youngsters instruction in swimming, basketball, tennis and other sports; free medical and dental care; and day trips to New Bolton Center, the Franklin Institute and other points of interest in the area. In addition, Sheerr Pool in Gimbel Gym will be available to community groups during July through a program sponsored by Penn's department of recreation.

Over 100 high school students will hold jobs for eight weeks in a variety of University offices and facilities as part of the U.S. Department of Labor's Neighborhood Youth Corps project.

IMPROVEMENTS IN HEALTH BENEFITS

By action of the Trustees, the University's health insurance and long-term total disability plans have been improved, and University-paid health insurance coverage has been extended to post-doctoral fellows and to retired persons.

1. Beginning July 1, 1975, the University will pay health insurance premiums for all retired people. This will help retirees with their health insurance costs and provide a little relief from recent inflationary pressures. Most retired people are covered by Blue Cross's "65 Special" plan which is designed to meet certain medical expenses not covered by Medicare.

2. Effective July 1, 1975. University-paid single and family Blue Cross, Blue Shield, and Major Medical coverage will be provided for post-doctoral fellows on the University payroll who have completed six months of service. This change will extend this benefit to post-doctoral fellows and to fully-salaried, partially-affiliated academic employees who had not previously been included.

3. Also effective July 1, 1975, the University's Long Term Total Disability plan has been improved in the following ways:
   A. Increase the monthly benefit from 50% to 60% of monthly salary at the time of disablement.
   B. Increase the maximum monthly benefit from $1,000 to $1,500.
   C. Retain full face value of group life insurance for employees covered by the long term total disability program. The University will assume the portion of payments formerly offset by insurance reductions.
   D. Eliminate the requirement that the University's contribution to disability payments must be reduced if Social Security benefits are increased after the time of disablement. Eliminating this offset permits persons on disability income to gain the full benefit from any Social Security cost-of-living increases while they are disabled.

4. Effective August 1, 1975, with the beginning of a new Blue Cross contract year, the Blue Cross and Major Medical programs will be improved as follows:
   A. The Blue Cross plan will change from our present CO-PAY COMPREHENSIVE plan to a new plan called CO-PAY PREFERRED-P.
   B. Increase the maximum monthly benefit from 50% to 60% of monthly salary.
   C. Increase the maximum monthly benefit from $1,000 to $1,500.
   D. Increase the maximum monthly benefit from $1,000 to $1,500.
   E. Increase the maximum monthly benefit from $1,000 to $1,500.
   F. Increase the maximum monthly benefit from $1,000 to $1,500.
   G. Increase the maximum monthly benefit from $1,000 to $1,500.
   H. Increase the maximum monthly benefit from $1,000 to $1,500.
   I. Increase the maximum monthly benefit from $1,000 to $1,500.
   J. Increase the maximum monthly benefit from $1,000 to $1,500.
   K. Increase the maximum monthly benefit from $1,000 to $1,500.
   L. Increase the maximum monthly benefit from $1,000 to $1,500.
   M. Increase the maximum monthly benefit from $1,000 to $1,500.
   N. Increase the maximum monthly benefit from $1,000 to $1,500.
   O. Increase the maximum monthly benefit from $1,000 to $1,500.
   P. Increase the maximum monthly benefit from $1,000 to $1,500.
   Q. Increase the maximum monthly benefit from $1,000 to $1,500.
   R. Increase the maximum monthly benefit from $1,000 to $1,500.
   S. Increase the maximum monthly benefit from $1,000 to $1,500.
   T. Increase the maximum monthly benefit from $1,000 to $1,500.
   U. Increase the maximum monthly benefit from $1,000 to $1,500.
   V. Increase the maximum monthly benefit from $1,000 to $1,500.
   W. Increase the maximum monthly benefit from $1,000 to $1,500.
   X. Increase the maximum monthly benefit from $1,000 to $1,500.
   Y. Increase the maximum monthly benefit from $1,000 to $1,500.
   Z. Increase the maximum monthly benefit from $1,000 to $1,500.

This new plan increases the number of hospital days covered and requires a $5 co-payment for only 10 days instead of 15. With the $5 co-payment, the new plan also provides improved out-patient benefits including medical emergencies and increased allowances for x-ray, diagnostic and pathology services.

B. Major Medical insurance has been improved by an increase in the lifetime maximum from $25,000 to $250,000. When the amount covered by the claim exceeds $10,000, Blue Cross will pay 100% instead of 80% of coverage. The maximum for mental-nervous illness is increased from $50,000 to $250,000. The new plan will include language guaranteeing a maximum of 50 outpatient psychiatric visits per year. For those who have Blue Cross and Blue Shield coverage (either with the University group or elsewhere) the Major Medical deductible will be a flat $100 per year per person instead of the present 2% of salary. These changes also include a shift in the claims year from the present fiscal year basis to a calendar year basis. This last change should help make the claims procedure more convenient since most people and most medical offices keep their records on a calendar year basis. The other changes add broader and more complete coverage to this vital insurance.

Blue Cross is now preparing a revised Health Benefits booklet which will include the new features of our plans. It is anticipated that the new booklet will be available for distribution in the fall. Revised statements of the Long Term Total Disability Plan are being prepared and will be distributed within the next few months.

The Personnel Benefits staff will provide you with additional information upon inquiry.

—James J. Keller
Director of Personnel Information Services
The Bicentennial

Most would agree that last May's Commencement, announced as just the beginning of the Bicentennial Celebration at Penn, was truly "a magnificent party." It was also a hard act to follow. Would it illuminate—or outshine—the rest of the show?

The preview of coming attractions recently announced by the University's Bicentennial Coordinating Committee should silence all skeptics: Commencement was indeed a prelude. The roster of events scheduled for the next eighteen months is varied enough to young scholars and undergraduates. Of Philadelphia. Distinguished visitors and postdoctoral fellows will spring for some of the 38 undergraduate courses that cover every aspect of American Musicological Society. Professor Davidovsky is a member of the C.C.N.Y. faculty and associate director of Princeton's and Columbia's Electronic Music Center. Computer Museum. Winter 1976 at CEAS. It may suggest 1984 rather than 1776, but in fact, Penn's Computer Museum commemorates still a third date: 1946, the year that ENIAC, the world's first large-scale all-electronic digital computer, was developed at the Moore School. Museum displays will include components of the 30-ton 18,000-vacuum tube ENIAC plus parts or replicas of EDVAC and UDOFT, two more early computers. Archives documenting the invention of ENIAC and a continually updated reference system will be installed for scholars.

The Frankford Bicentennial Community Project. Originally settled by slaves and freemen domestics, the 200-year-old community in northeast Philadelphia will be the site of an innovative two-phase program sponsored by the dean of FAS. After Penn faculty and graduate students research the historical and economic development there, the data will be recycled into the area's public schools where children, leaving traditional history books on the shelf, will participate in neighborhood "digs" and other on-the-spot studies of their community.

Learning, Revolution and Democracy, an exhibit chronicling the development of higher education in the Delaware Valley. March 1, 1976. The exhibit is a natural for those who loved rainy afternoons in grandmother's attic. The 1783 writ conferring an honorary Penn degree on George Washington and letters from Bryn Mawr's first president pondering graduate education for women will be displayed throughout the bicentennial year in the new Penn Mutual Building just off Independence Square. Directed by University archivist James Dallett, the exhibit is the cooperative project of Temple, Drexel, Lincoln, Villanova and Thomas Jefferson universities; Haverford, La Salle, St. Joseph's and Swarthmore colleges; and the Medical College of Pennsylvania plus the institutions mentioned above.

Curtis Organ Restoration Project. We've asked the question before: what do you do with more than 10,000 pipes? The answer is still the same: play them. Constructed for the Sesquicentennial Exposition of 1926, the fourth largest organ in the world was a gift to the University from Cyrus H. K. Curtis in 1929. The Curtis Organ Restoration Group, a student organization, will be at work to preserve the treasure.

Philadelphia as a World City. (Almanac: May 6, 1975). Philadelphia has never been an island unto itself. Through the use of personal interviews, questionnaires and computer analyses, Penn faculty hope to isolate the links between the city and the international community. Six city leaders and fourteen faculty members have been named advisors to the project.

A Symposium: The American Revolution and Eighteenth Century Culture. October, 1976. The political thought, arts, literary trends and intellectual history of the Revolutionary period are the topics to be considered when Penn hosts the symposium sponsored by the American Society for Eighteenth Century Studies. Dr. Paul Korshin, associate professor of English here, will coordinate the conference funded by the NEH.

War or Peace: World Forums. October 8, 1975, and November 19, 1975. Since 1973 the University Museum's four world forums have brought together scholars, politicians and diplomats to publicly debate the questions of global balance between war and peace. The series continues this fall with Techno-Ecological Bases for Cooperation, organized by R. Buckminster Fuller who is also director of the project. The November forum, JROTC: Fears, Beliefs and Humanistic Options, will be led by retired U.S. Army Col. Farris Kirkland of Pennsylvania's military science department.

Miscellaneous. In addition to the events above, each school of the University will be sponsoring its own program. For example, Wharton has organized several conferences and two exhibits, one of regional fine arts and another on the contributions of the Joseph Wharton family.

Students haven't been idle either. This fall the undergraduate Bicentennial Committee plans a week-long series of seminars, performances and exhibits, while the Daily Pennsylvanian hopes to host a meeting of 100 college and university student editors.
The Trustees in their open meeting Friday, June 6, took actions ranging from a resolution of appreciation for the Bicentennial Commencement to the adoption of a budget and other major financial actions.

Pending study of changes in pension law the Trustees revoked an action of February 10 revising specific dates of retirement for administrative staff reaching 65. They passed a motion permitting, with safeguards, the sale of certain Museum objects; confirmed campus actions which continue the B.B.A. degree at the Wharton School; noted a change of name for the Department of Statistics and Operations Research to Department of Statistics; and formally accepted the Mudd Professorship (Almanac June 25).

At the recommendation of the Finance Committee they took actions furthering the Silverstein Pavilion project, including one which allows for cooperation with the Hospitals Authority of Philadelphia: the authorization of a bond issue not to exceed $35 million. They also voted $700,000 from current funds for preliminary expenses on the project itself.

### Fiscal Year 1976 Budgets

#### Responsibility Centers and Indirect Costs

(Figures in $1000s)

<table>
<thead>
<tr>
<th>Responsibility Center</th>
<th>Direct Revenue</th>
<th>Restricted</th>
<th>Indirect Costs</th>
<th>Total Income</th>
<th>Direct Expense</th>
<th>Indirect Expense</th>
<th>Total Drawdown</th>
<th>Projected Surplus/Deficit</th>
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</thead>
<tbody>
<tr>
<td>Faculty of Arts &amp; Science</td>
<td>22,675</td>
<td>8,381</td>
<td>14,415</td>
<td>45,511</td>
<td>23,345</td>
<td>23,345</td>
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<td>Wharton</td>
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<td>14,881</td>
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<td>16,186</td>
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<td>7,870</td>
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<td>CSS</td>
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<td>1,543</td>
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<td>Annenberg Center</td>
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<td>500</td>
<td>1,163</td>
<td>99</td>
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<td>Graduate Hospital</td>
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<td>SMUP</td>
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<td>1,053</td>
<td>238</td>
<td>1,300</td>
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<td>Responsibility Center Total</td>
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<td>138,759</td>
<td>37,669</td>
<td>248,547</td>
<td>164,716</td>
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<td>419,232</td>
<td>419,232</td>
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</table>

*Projected at FY 1975 x 1.08
*Comparisons are to comparable figures before taxes

---

**Net Indirect Expense Spread**

<table>
<thead>
<tr>
<th>Responsibility Center</th>
<th>Net Indirect Expense</th>
<th>Net Indirect Expense Spread</th>
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</thead>
<tbody>
<tr>
<td>Library</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Student Services</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Operations &amp; Maintenance</td>
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<td>Auxiliary Enterprise</td>
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<td>General Administration</td>
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<td>General Expense</td>
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<td>Space</td>
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<tr>
<td>Total</td>
<td>21,327</td>
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</table>

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*Comparisons are to comparable figures before taxes
The schedule of graduate and professional tuitions was formally adopted for 1975-76:

<table>
<thead>
<tr>
<th>School of Dental Medicine</th>
<th>Tuition</th>
<th>General Fee</th>
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<tbody>
<tr>
<td>Dental Hygiene</td>
<td>$2,780</td>
<td>$360</td>
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<tr>
<td>Dental Medicine</td>
<td>4,560</td>
<td>190</td>
</tr>
<tr>
<td>Division of Advanced Dental Medicine</td>
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<tr>
<td>First year</td>
<td>5,200</td>
<td>190</td>
</tr>
<tr>
<td>Second year</td>
<td>5,820</td>
<td>190</td>
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</tbody>
</table>

**Warton Graduate Division**

Second year MBA: 3,430, 190

In addition, President's Executive Assistant Bruce Johnstone noted that in response to concern from graduate students Vice-Provost Donald Langenberg is restudying the flat dissertation fee of $480; students have recommended a lower fee for the initial years of dissertation-writing, and asked for formal leaves of absence without penalty under some conditions.

Trustee Wesley A. Stanger reported that the Associated Investment Fund now stands at $95.6 million—above book value, and up $2 million over the past year. Gustave Amsterdam reported on the creation of the Trustees new Real Estate Subcommittee which he chairs with William Patterson and Anthony Minisi.

**CHANGES IN STATUTES**

Two changes were made in the Statutes of the Corporation: one (XIII) indemnifies the Trustees for legal expenses in connection with suits brought against them in the discharge of their functions here, where actions are taken in good faith and with no reasonable cause to believe the challenged conduct was unlawful.

The other (XIV) sets up a new Investment Board as an “other body” under state provisions, to handle Penn investments; its present members are chairman Wesley A. Stanger, Gustave G. Amsterdam, Julian S. Bers, Henry M. Chance II, Paul F. Miller Jr., Adolph B. Kurz, William S. Woods Jr. and William Richard Gordon.

Robert G. Dunlop announced that an ad hoc Trustees Committee on University Commonwealth Relations would be formed shortly and would bring a policy proposal to the Trustees this fall. (By July 7, the body had been formed: Mr. Dunlop, Margaret R. Mainwaring, John H. Ware, Gustave Amsterdam, F. Otto Haas and Charles B. Dickey are its members.)

Julian Bers reported for the Health Affairs Committee progress toward independence for Graduate Hospital, and Robert E. Trescher reported the Student Affairs Committee’s action in setting up a Subcommittee on Electronic Communication to deal with WXPN problems: Morton Willner chairs it, with Gloria Chisum, Laurene Knight, Henry Chance, C. B. McCoy, Anthony Minisi and Sarkes Tarzian as members.

**THE DEVELOPMENT DRIVE**

John Eckman announced the fiscal year total of gifts at $30,914,000—an appreciable increase over the record year of 1974-75. He then introduced the resolution the campus had been waiting for since the report of the Development Commission:

WHEREAS, the Trustees of the University of Pennsylvania on January 11, 1974, declared their resolve to begin a major fund-raising campaign in 1975, and directed the administration to refine the program planning, cost calculations and priorities for the University's academic objectives; and

WHEREAS, the academic and fund-raising planning have produced a profile of imperative needs and an outline of the organizational structure and effort required to meet them, and

WHEREAS, the early response of Trustees and others with whom the plans have been reviewed in behalf of the nucleus fund has been almost uniformly encouraging and frequently has been inspiring, and

WHEREAS, the Trustees are convinced of the importance of ensuring the continued existence of the University of Pennsylvania as a distinguished center of learning and research, and are further convinced that this will require a prompt and substantial infusion of funds from private sources; therefore be it

RESOLVED, That the Trustees affirm their commitment to a major development program over the next five years, with a dollar goal of inspirational size, to support specific academic programs and projects of the highest priority, and to place the University's fiscal structure on firmer, higher ground; and be it further

RESOLVED, That the administration be directed to proceed with preparations for public announcement of details of the total program on October 3rd, 1975, subject to the approval of the Trustees at that time.
ENERGY

THE FRANKLIN EXPERIMENT

One morning last month a team of five B&G men began the biggest bulb-snatching caper in Penn history: taking out some of the tubes in all of the fixtures, or all of the tubes in some of the fixtures in the Franklin Building.

Much later, a red sign went up on the front door reading “Franklin Building Experimental Energy Conservation Model.” (And still later, the same sign appeared on doors of College Hall and Vance Hall.)

The project is reduction to a little less light (and a little less air conditioning now, a little less heat next winter) to try to tame the rampaging power costs of the University. In a recent meeting of the Energy Committee, chairman Ezra Krendel had brought in a report by one of his students showing that Americans overweight their public buildings by 42% compared to Western Europeans. The convention of sweated staff in summer and sweltering staff in winter had already been noted in some Penn buildings, without a statistical study.

Taking a light meter on rounds, an advance man designated which light fixtures were to be tampered with by the B&G crew that would follow.

When it was all over, reaction was unexpected. “I like it better,” said a visitor of the now dim lobbies and corridors. “It makes it cool and shady. It’s a relief to walk in off the street.” Meanwhile, Vice President Fred Shabel predicts savings of $10,000 a year in the Franklin experiment alone.

With this and other measures (some of them outlined in the Provost’s memo at right), Mr. Shabel said the goal is to reduce consumption by 10%. This may or may not mean a 10% cut in costs—the threat is always that rates will again go up. But the only thing we have a clear opportunity to control, he said, is consumption. New ideas on cutting down are welcomed by the Energy Committee chaired by Dr. Krendel at extension 8233.

LABOR RELATIONS

CONTRACTS EXTENDED

The employees in the Department of Buildings and Grounds and in the Schools of Medicine, Dental Medicine and Veterinary Medicine who are represented by unions have agreed to extend their collective bargaining agreements through October 15, 1975 according to Labor Relations Director George Budd.

“I appreciate the understanding of our financial situation which these employees have displayed by extending their agreements,” added President Martin Meyerson. “I continue to hope we will be able to make salary increases in the fall when the impact of our utility costs, investment income, insurance costs and state appropriations is clear.”

HOUSEKEEPING DEPARTMENT ELECTION

On Thursday, June 5, 1975, the National Labor Relations Board conducted a secret election for Housekeeping employees to determine whether Local 1202-United Building Service and Maintenance Employees Union would continue to represent these employees, or if the American Federation of State, County and Municipal Employees, AFL-CIO would become their representative.

The outcome of this election as certified by the NLRB was:

For Local 1202: 237
For AFSCME: 69

CHANGING THE ACADEMIC CALENDAR

The Academic Calendar has been changed, starting in Spring, 1976 for all divisions of the University other than the Schools of Dental Medicine, Law, Medicine, and Veterinary Medicine. The purpose of this memorandum is to inform you of the reasons for the change and to encourage the cooperation of the four excepted Schools as soon as possible in subsequent years. An outline of the new Calendar for Spring, 1976 and Summer, 1976 follows.

1976 Spring Term

<table>
<thead>
<tr>
<th>Date</th>
<th>Monday-Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
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<tbody>
<tr>
<td>January 26-27</td>
<td>Registration</td>
<td>First day of classes</td>
<td>Spring recess begins</td>
</tr>
<tr>
<td>January 28</td>
<td></td>
<td>First day of classes</td>
<td>Spring recess ends</td>
</tr>
<tr>
<td>March 20</td>
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<td>March 29</td>
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<tr>
<td>May 11</td>
<td></td>
<td>Last day of classes</td>
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</tr>
<tr>
<td>May 12-16</td>
<td></td>
<td>Reading period</td>
<td></td>
</tr>
<tr>
<td>May 17-22</td>
<td></td>
<td>Final examinations</td>
<td></td>
</tr>
<tr>
<td>May 28</td>
<td></td>
<td>Commencement</td>
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1976 Summer Sessions

<table>
<thead>
<tr>
<th>Date</th>
<th>Monday-Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<tbody>
<tr>
<td>May 24</td>
<td></td>
<td>First day of classes</td>
<td>(1st session)</td>
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<tr>
<td>July 2</td>
<td></td>
<td>Last day of classes</td>
<td></td>
</tr>
<tr>
<td>July 5</td>
<td></td>
<td>First day of classes</td>
<td>(2nd session)</td>
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<tr>
<td>August 16</td>
<td></td>
<td>Last day of classes</td>
<td></td>
</tr>
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</table>

After careful study and based on recommendations from the Advisory Committee on Energy Conservation and the Calendar Committee, the Academic Calendar will be modified starting in the Spring of 1976 essentially to extend the Winter recess by two weeks. During this extended recess period much of the University will continue to operate on a habitable, but occasionally less comfortable, level than was usual in previous years.

We have made this change as part of an extensive program in energy conservation. Our energy costs have increased in the last year due almost entirely to higher fuel costs from $6 million to $9.6 million! We have every reason to expect that fuel costs will increase in the future. In response to this problem, the following is being done:

a. We are engaged in a variety of technical actions to lower our costs: computerized control for load shedding during peak usage periods; “tuning” the heating, ventilating and air conditioning systems of our buildings to eliminate inefficiencies; lowering the heating and air conditioning levels; cutting back on illumination where neither working conditions nor security is affected. It is of interest that we project an annual saving of $10,000 from a cutback in lighting in the Franklin Building alone.

b. We are using our classroom facilities more efficiently in the summer session and plan to do so in both the day and evening sessions during the rest of the year. This means coalescing classes into as small a number of buildings as feasible and partially or completely closing excess facilities.

c. We are attempting to so phase our Academic Calendar that we minimize the costs imposed on us by either excessive heat or cold. Based on weather records and our experience in partially closing some buildings during this past Winter recess, we anticipate that the new Calendar will save us approximately $150,000 based on current energy costs. This figure is based on maintaining habitable, but less comfortable, buildings during the longer Winter recess. It should be possible for normal work to be carried out under these conditions.

The actions listed above all involve our becoming accustomed to a less comfortable way of life. This cannot be pleasant, but we have little choice. Should you have any questions or suggestions on our energy-conservation programs, the Advisory Committee on Energy Conservation will be pleased to help. Simply call Dr. Ezra S. Krendel at extension 8233.

- Eliot Stellar, Provost
The following APPOINTMENTS are based on Trustees' actions that cleared the Provost's Staff Conference through the end of October 12, 1974 through May 20, 1975. They reflect personnel actions that cleared the Provost's Staff Conference through the end of May. Unless otherwise noted (*), all actions became effective in 1974.

COLLEGE OF ENGINEERING AND APPLIED SCIENCE

Dr. Norman J. Badler, Assistant Professor of Computer and Information Science; B.A., University of California at Santa Barbara; M.S., Ph.D., University of Toronto.

Dr. Elizabeth V. Dussan, Assistant Professor of Chemical and Biochemical Engineering; B.E., State University of New York at Stony Brook; Ph.D., Johns Hopkins; research associate, University of Minnesota; 1972-74.

Dr. Stephen W. Smollar, Assistant Professor of Computer and Information Science; S.B., Ph.D., MIT; lecturer, Technion, 1971-1973; visiting assistant professor here, 1973-74.

Dr. F. Lincoln Vogel, Research Professor of Electrical Engineering and Computer Science; B.S., Ph.D., University of Pennsylvania; technical staff, Bell Labs, 1952-59; manager, advanced materials, R.C.A. semiconductor division, 1959-63; director, semiconductor research and development, Sprague Electric, 1963-68; Esso Research and Engineering Co., 1969-73.

PARTIALLY AFFILIATED: Dr. Mark Beran, professor of engineering science, Tel Aviv University; Adjunct Professor of Applied Mechanics; Ed. Maurice A. Brunn, professor, Tel Aviv University; Adjunct Professor of Applied Mechanics; Dr. Harold Kant, professor, University of Delaware; Adjunct Professor of Bioengineering.

SECONDARY APPOINTMENTS: Dr. Jonathan Black (Assistant Professor of Orthopedic Surgery/Med.) Assistant Professor of Metallurgy and Materials Science; Dr. Edward D. Crandall (Lecturer in Physiology/Med.) Assistant Professor of Bioengineering; Dr. Joseph J. Higgins (Associate Professor of Biophysics/Johnson Foundation) Associate Professor of Bioengineering; Dr. John F. Labin (Professor of Management) Professor of Computer and Information Science.

FACULTY OF ARTS AND SCIENCES

Dr. Houston A. Baker, Professor of English; graduate of Howard University; M.A., Ph.D., UCLA; instructor, Howard University, 1966; instructor, assistant professor, Yale, 1968-69; taught at University of Virginia, 1970-74.

Dr. James L. Bart, Assistant Professor of Regional Science; B.S., Carnegie-Mellon; Ph.D., Stanford; assistant professor of economics, Washington University, 1970-74; associate in the Center for Biology of Natural Systems, Washington University, 1971-74; visiting assistant professor, University of Arizona, 1973-74.

Dr. Ann Bartell, Assistant Professor of Economics; B.A. (summa cum laude), Penn; M.A., Ph.D., Columbia.

Dr. Fred L. Block, Assistant Professor of Sociology; B.A., Columbia; M.A., Ph.D., Berkeley.

Dr. Michael Friedman, Assistant Professor of Philosophy; B.A., Queens; Ph.D., Princeton; assistant professor at Harvard since 1972.

Dr. Craig McLaughlin, Assistant Professor of Political Science; B.A., M.A., Wayne State; Ph.D., University of Minnesota.

Dr. William B. Quanitt, Associate Professor of Political Science; graduate of Stanford; Ph.D., MIT; researcher, Rand Corporation, 1968-72; National Security Council staff, 1972-73.

Dr. Leonidas R. Kastaniotis, Research Assistant Professor of Physics; B.S., University of Manchester; M.S., University of Cincinnati; Ph.D., Johns Hopkins; research associate here since 1971.

Dr. Alan P. Smith, Assistant Professor of Biology; Ph.D., Duke.

Dr. James Woodley, Assistant Professor of English; graduate of Wake Forest; M.A., Ph.D., University of Chicago; assistant professor, Marquette, 1972-74.

PARTIALLY AFFILIATED: Dr. Ake Andersson, associate professor at the University of Gotteborg; Visiting Professor of Regional Science, Transportation and City Planning; Dr. Dennis H. Green, professor of modern languages, University of Cambridge; Visiting Professor of Germanic Languages and Literature (fall term); Dr. John Modell, associate professor of history, University of Minnesota; Visiting Associate Professor of History; Dr. Erwin K. Schuch, professor of political science, University of Cologne (Germany); Visiting Professor of Political Science (spring '75).

SECONDARY APPOINTMENTS: Dr. Diana Crane (Associate Professor of Sociology) Associate Professor of History and Sociology of Science; Dr. Stuart A. Kauffman (Associate Professor of Biochemistry, Med.) Associate Professor of Biology; William Nelson (Associate Professor of Law) Associate Professor of History; Louis H. Fulton* (Albert M. Greenfield Professor of Human Relations and Law) Professor of History.

LAW SCHOOL

Alvin C. Warren Jr.,* Professor of Law; B.A., Yale; J.D., University of Chicago; taught at the University of Connecticut 1969-73; associate professor of law, Duke University, 1973-74.

PARTIALLY AFFILIATED: Murray L. Schwartz,* professor of law, UCLA; Visiting Professor of Law (fall '75); Stanislav Soltyksinski*, associate professor of civil law, Poznan University; Visiting Associate Professor of Law.

SCHOOL OF DENTAL MEDICINE

Dr. Louis H. Guernsey, Professor of Oral Surgery, graduate of N.Y.U.; D.D.S., M.S., Penn; staff oral surgeon, Ft. Lewis (Washington), 1953-54; staff oral surgeon and post dental surgeon, Ft. Douglas (Washington), 1954-56; staff oral surgeon and chief, 11th Field Hospital (Augsburg, Germany), 1956-59; resident, Walter Reed General Hospital, 1959-61; chief of oral surgery and dental service, Ft. Benning (Georgia), 1961-65; chief of oral surgery and dental service, 97th General Hospital (Frankfurt, Germany), 1965-68; chief of oral surgery service, department of dentistry, Walter Reed, 1968-74.

PARTIALLY AFFILIATED: Dr. Harvey L. Freedman, lecturer in the Faculty of Medicine, University of Toronto; Adjunct Assistant Professor of Pathology; Dr. Lester L. Lanz, state police surgeon, Connecticut State Police; Assistant Professor of Pathology.

SCHOOL OF MEDICINE

Dr. Clay M. Armstrong,* Professor of Physiology, B.A., Rice; M.D., Washington University; internship, University of Chicago; research fellow in neurology, Washington University, 1961; NIH research associate, 1961-64; honorary research assistant, physiology, University College, London, 1964-66; taught at the University of Rochester since 1966.

Dr. Joseph P. Atkins Jr., Assistant Professor of Otorhinolaryngology and Human Communication; B.S. (cum laude), Mount St. Mary's; M.D., Penn; internship, Pennsylvania Hospital; residency, Johns Hopkins Hospital, 1967-72; otolaryngology staff, U.S. Naval Hospital (Baltimore, Maryland), 1972-74.

Dr. Mary J. Bonner, Assistant Professor of Research Medicine and Porter Robinson Scholar in Research Medicine; graduate of Chestnut Hill College; M.S., Hahnemann; Ph.D., Penn; research specialist in research medicine here since 1970.

Dr. Dominic A. DeLaurentis, Professor of Surgery; B.S. (with honors), St. Joseph's; M.D. (with honors), Temple; internship, Abington Memorial Hospital; residency, Temple, 1954-58; on the Temple faculty, 1958-71; taught at Hahnemann Medical College since 1971.

Dr. R. Bruce Filmer, Assistant Professor of Urology; M.B., B.S., Sydney University; medical officer, Sydney Hospital, 1963-64; didactic instructor in anatomy, University of Sydney, 1965; assistant surgical registrar, Sydney Hospital, 1966-67; F.R.A.C.S., 1967; F.R.C.S., London, 1968; registrar (Preston, Lancashire), 1968-69; Kretzner resident fellow, 1969-70; residency, Northwestern University, 1970-72; Children's Memorial Hospital (Chicago), 1972-74.

Dr. Edward Francis Foulks,* Associate Professor of Psychiatry; graduate of the University of Michigan; M.D., M.C.M., McGill; internship, Cook County Hospital; residency, Eastern Pennsylvania Psychiatric Institute, 1964-68; research assistant professor of psychiatry, Medical College of Pennsylvania, 1968-69; research associate, University of Alaska, 1969-70; lecturer in anthropology, Penn, 1970-71; taught at Hahnemann Medical College since 1970.

Dr. Donald W. Fulton,* Assistant Professor of Medicine; B.A. (magna cum laude), Yale; M.D., University of Virginia; internship, junior assistant resident, Boston City Hospital, 1968-70; clinical associate, senior staff fellow, NIH, 1970-73; postdoctoral research fellow, HUP, 1973-75.

(continued on page 10)
THE SIGHTS THEY ARE A-CHANGIN' \\
Sculpture was scarce at Penn in the first couple of hundred years of its history. Heading into the 'seventies, the casual visitor found two Ben Franklins (the Youthful Franklin at Weightman Hall and the elder statesman who overlooks College Hall Green), an all-but-forgotten George Whitefield on the Quad: a treasured one-horned goat at the Law School and a lyric Rivera Construction '66 at the Annenberg School. The great bronzes of R. Tait McKenzie were tucked away in scattered locations, and only in 1972 were they gathered together in the handsome indoor-outdoor Jones Gallery at Gimbel Gym.

Suddenly last winter, We Lost appeared at Locust Walk and 36th Street, and later in the spring came Wounded Knee in the plaza before Vance Hall. The word was already out that a major new Alexander Lieberman was scheduled for Superblock, and in some circles it was known that a Bertoia was coming to the Annenberg Center.

In the fall, they will all be there to greet returning faculty and students—the four pieces sketched on these pages. What next? The Visual Environment Committee headed by Mrs. H. Gates Lloyd (long-time chairman of the Institute for Contemporary Art and head of the Friends of the Library here, as well as a noted collector) has been making master plans and doing the major shopping that produced the loan of Wounded Knee and the purchase of the Lieberman and Smith works. (The Bertoia was chosen by Center sponsor Walter Annenberg; but it is, like the others, in part fulfillment of Penn’s “1%” obligation under state requirements that a portion of all new building cost be put into fine art.)

The rationale for one element in the master plan—the moving of the seated Franklin from the Green to a more public view at 34th and Walnut—has less to do with the 1% program than with a catching up with the times. Ben used to look out upon a passing world, when Woodland Avenue bisected the superblock that is now the Green. Hidden from passersby these past few decades, he will once again be the visual symbol and public pride of Penn.
COVENANT by Alexander Lieberman
40'h x 25'w painted steel (orange)
at 39th Street and Locust Walk

WOUNDED KNEE by David Slivka (extended loan)
12'h x 29'w x 16'd painted plywood (red and white)
on the plaza of Vance Hall, 37th Street and Locust Walk

WE LOST by Tony Smith
8'6" cube, painted steel (black)
at 36th Street and Locust Walk

ALMANAC July, 1975
Dorothea Jameson Hurvich as University Professor of Psychology.
Dr. Hui-Lin Li as John Bartram Professor of Botany and Horticulture.
Dr. Leonard B. Meyer as Benjamin Franklin Professor of Music.
Dr. Richard L. Solomon as James M. Skinner Professor of Organizational Psychology.
Dr. Leo Steinberg as Benjamin Franklin Professor of the History of Art.
Clyde W. Summers as Jefferson B. Fordham Professor of Law.

DESIGNATIONS TO NAMED PROFESSORSHIPS

Dr. Robert Jameson Hurvich as University Professor of Psychology.
Dr. Hui-Lin Li as John Bartram Professor of Botany and Horticulture.
Dr. Leonard B. Meyer as Benjamin Franklin Professor of Music.
Dr. Richard L. Solomon as James M. Skinner Professor of Organizational Psychology.
Dr. Leo Steinberg as Benjamin Franklin Professor of the History of Art.
Clyde W. Summers as Jefferson B. Fordham Professor of Law.

SCHOOL OF NURSING

Dr. Mary Ann Lafferty, Assistant Professor of Nursing; B.A., Salve Regina College; Ph.D., University of Virginia.

SCHOOL OF SOCIAL WORK

Irene F. Pernsky, Associate Professor of Social Work; B.S., Hampton Institute; M.S.W., Penn; caseworker, supervisor, director of staff development, Delaware County Board of Assistance, 1945-65; executive director, Delaware County Board of Assistance, 1965-68; regional director of public welfare, southeastern region, Pennsylvania, 1968-72; deputy secretary for welfare, southeastern region, Pennsylvania, 1972-75.

Dr. Norman Polansky, Professor of Social Work; A.B. (magna cum laude), Harvard; M.S., Western Reserve; Ph.D., University of Michigan; research assistant in character education, University of Iowa, 1940-41; U.S. Army psychiatric social worker, 1943-44; caseworker, Yonkers Family Service Society, 1946; case supervisor, Veterans Administration (Minneapolis), 1947-48; research project director to associate professor, Wayne State University, 1948-53; faculty, Smith College School for Social Work, 1950-62; research psychologist and group therapist, Austen Riggs Center, 1953-55; associate professor, professor of social work and of psychology, Western Reserve University, 1955-60; director of social service and psychologist, Highland Hospital, 1960-64; professor of social work and sociology, University of Georgia, 1964-75.

PARTIALLY AFFILIATED: Dr. Irvin D. Rupley, executive director of Horizon House; Associate Professor of Social Work.

SCHOOL OF VETERINARY MEDICINE

Dr. Wendell L. Cooper, Assistant Professor of Animal Reproduction; D.V.M., Penn; supervising field veterinarian, Wisconsin Department of Agriculture, 1958-66; veterinarian-manager, Hempt Standardbred Horse Breeding Farm, 1965-73; associate manager of clinical research, Schering Corporation, 1973-74.

Dr. Jay Farrell, Research Assistant Professor of Parasitology in the Department of Pathobiology; A.B., Lafayette; M.S., Ph.D., Rutgers; research associate, Rutgers, 1972-74.

Dr. Richard Wise, Assistant Professor of Animal Biology; B.S., Tufts; V.M.D., Ph.D., Penn; postdoctoral fellow, I.N.S., trainee, U. of Pennsylvania Veterinary School, 1967-73; fellow, College de France, 1973-75.

PARTIALLY AFFILIATED: Dr. John P. Rapp, assistant director of Penrose Research Lab; Adjunct Assistant Professor of Pathology in the Department of Pathobiology; Ph.D., M.P.H., University of California at Davis; Visiting Professor of Radiology (fall '74).

SECONDARY APPOINTMENT: Dr. H. Ralph Schumacher (Associate Professor of Medicine) Associate Professor of Comparative Medicine in the Department of Clinical Studies.

WHARTON SCHOOL

Dr. Anthony E. Boardman, Assistant Professor of Public Policy Analysis; B.A. (with honors), University of Kent; Ph.D., Carnegie-Mellon.

Dr. Bobby James Calder, Associate Professor of Marketing and Organizational Psychology; A.B. (with honors), M.A., Ph.D., University of North Carolina; postdoctoral fellow, University of North Carolina, 1970-71; assistant professor, University of Illinois, 1970-73; director of organizational research, National Advisory Council, 1973-74.

Dr. Claude S. Colman, Associate Professor of Accounting; B.S., University of Michigan; M.S., Wayne State; Ph.D., Purdue; assistant professor, Purdue, 1968-70; assistant professor, associate professor, Carnegie-Mellon, 1970-74.

Dr. Thomas W. Dunfee, Associate Professor of Business Law; A.B., Marshall University; J.D., L.L.M., New York University; assistant professor of business law, Illinois State University, 1968-70; assistant professor of business law, Ohio State University, 1970-72; visiting assistant professor of business law, Indiana University, 1972; associate professor of business law, Ohio State, 1972-75.

Dr. Jay R. Galbraith, Associate Professor of Management; Chemical Engineering, University of Cincinnati; M.B.A., D.B.A., Indiana University; taught at MIT since 1966.

Dr. Rob Gerritsen, Assistant Professor of Decision Sciences; graduate of UCLA; M.S., University of Southern California; Ph.D., Carnegie-Mellon.

Dr. Michael E. Hogue, Assistant Professor of Insurance; B.A., University of Washington; M.B.A., Ph.D., University of Georgia.

Dr. Dov Pekelman, Associate Professor of Marketing; B.S., University of Minnesota; M.B.A., Stanford; D.B.A., Harvard; account representative, J. Walter Thompson, 1965-67; assistant professor, Columbia, 1969-74.

Dr. Andrew Van de Ven, Associate Professor of Marketing; B.S. (with honors), University of Western Australia; M.S., UCLA; Ph.D., Penn; research assistant, University of Pennsylvania, 1972-74.

Dr. Willy Sellekaers, Associate Professor of Finance; B.S., Free University of Brussels; M.A., University of Michigan; Ph.D., Michigan State University; assistant professor, associate professor, University of Ottawa, 1970-73; visiting professor, Temple, 1973-74.

Dr. George Stuehrler Jr., Assistant Professor of Health Care Systems; B.S.E., Johns Hopkins; M.B.A., Wharton; M.Ph.D., University of London; D.C.L., Johns Hopkins; U.S. Air Force Hospital (London), 1967-70; Maryland Comprehensive Health Planning Agency, 1970-71; consultant in health services planning and administration, Johns Hopkins Multidisciplinary Health Planning Group, 1971-74.

Dr. Andrew Van de Ven, Associate Professor of Management; B.B.A., St. Norbert College; M.B.A., Ph.D., University of Wisconsin; taught at Kent State since 1972.

PARTIALLY AFFILIATED: Dr. Claude S. Colman, Associate Professor of Accounting (spring '75); Dr. Thomas W. Dunfee, associate professor, Ohio State; Visiting Associate Professor of Business Law; Dr. Jonathan Rosenhead, lecturer in operational research, London School of Economics and Political Science; Visiting Associate Professor, Social Systems Science Unit; Dr. Bernard L. Samoff, regional director of National Labor Relations Board; Adjunct Professor of Management; Dr. William Zucker, administrative director, Wharton Entrepreneurial Center; Adjunct Professor of Management.

SECONDARY APPOINTMENTS: Dr. Martin L. Barish, Assistant Professor of Accounting (fall '74); Dr. Dov Pekelman, Associate Professor of Decision Sciences; Dr. Robert A. Zelten, Assistant Professor of Insurance; Assistant Professor, Health Care Systems Unit.
IDEAS WANTED FOR THE QUAD

The Provost and the Associate Provost for Academic Planning invite suggestions from the University community on academic and educational programs that might provide a focus for the new college houses being planned for the Quadrangle. Proposals should be addressed to Dr. J. N. Hobstetter, Associate Provost for Academic Planning, 111 College Hall/CO.

PROMOTIONS

The following PROMOTIONS became effective in 1975, unless otherwise noted (*).

COLLEGE OF ENGINEERING AND APPLIED SCIENCE

Dr. Steven C. Batterman* to Professor of Bioengineering (secondary appointment; home department is Mechanical Engineering). Dr. Bruce Campbell* to Assistant Professor of Bioengineering and to Assistant Professor of Physiology Vet. (secondary appointment). Dr. David Graves* to Associate Professor of Bioengineering (secondary appointment; home department is Chemical and Biochemical Engineering). Dr. Fred Haber to Professor of Systems Engineering. Dr. Campbell Laird to Professor of Metallurgy and Materials Science. Dr. Solomon R. Pollack to Professor of Metallurgical Engineering. Dr. Octavio M. Salati to Professor of Electrical Engineering. Martin Wolf* to Professor of Electrical Engineering and Science.

FACULTY OF ARTS AND SCIENCES

Dr. David P. Balalmuth to Associate Professor of Physics. Dr. Theodore Hershberg to Associate Professor of History. Dr. Tom Libansky to Associate Professor of Physics. Dr. M. Norman to Professor of Psychology. Dr. Gerald Porter to Professor of Mathematics. Dr. Robert T. Powers to Professor of Mathematics and to Professor of Physics (secondary appointment). Dr. Yoshitaka Suzumura to Professor of Biology. Dr. Eugene K. Wolf to Professor of Music.

GRADUATE SCHOOL OF FINE ARTS

Peter McCleary* to Professor of Architecture.

LAW SCHOOL

Alexander M. Capron to Associate Professor of Law.

SCHOOL OF DENTAL MEDICINE

Dr. Joseph R. Ashman to Professor of Anatomy. Dr. Herman Corn* to Adjunct Professor of Periodontics. Dr. Joseph B. Dietz Jr.* to Assistant Professor of Restorative Dentistry. Dr. George Isaacson* to Assistant Professor of Restorative Dentistry. Dr. Malcolm A. Lynch to Professor of Oral Medicine. Dr. Manuel Marks to Associate Professor of Periodontology. Dr. Morton Melman* to Assistant Professor of Restorative Dentistry. Dr. Ford M. Sophocles* to Assistant Professor of Form and Function of the Masticatory System. Dr. Stuart Super* to Assistant Professor of Oral Surgery.

SCHOOL OF MEDICINE

Dr. George J. Amoninti* to Assistant Clinical Professor of Obstetrics and Gynecology. Dr. Mark J. Brown to Assistant Professor of Neurology. Dr. Angelina D. Castro* to Assistant Professor of Anesthesia. Dr. C. Gene Cayton* to Associate Professor of Surgery and of Community Medicine. Dr. Doris A. Chernik to Adjunct Assistant Professor of Psychology in Psychiatry. Dr. Anna-Marie Chirico to Associate Professor of Medicine. Dr. Ronald F. Cohn to Professor of Physiology and to Professor of Medicine (secondary appointment; home department is Physiology). Dr. Lee Combrinck-Graham to Assistant Clinical Professor of Psychiatry. Dr. David G. Cook to Assistant Clinical Professor of Neurology. Dr. Lee Herschel Cooperman to Professor of Anesthesia. Dr. Kenneth J. DeBenedictis to Assistant Clinical Professor of Medicine. Dr. Herbert Diamond to Associate Professor of Psychiatry. Dr. John R. Duscher to Assistant Clinical Professor of Medicine. Dr. Julian David Feldman* to Assistant Clinical Professor of Obstetrics and Gynecology. Dr. Eric W. Fine to Assistant Clinical Professor of Psychiatry and of Community Medicine. Dr. Max Leonard Fogel to Associate Professor of Psychology in Psychiatry. Dr. William C. Foster to Assistant Professor of Physiology. Dr. Alan Frazer to Associate Professor of Pharmacology in Psychiatry and to Associate Professor of Pharmacology (home department is Pharmacology). Dr. Lillian Elizabeth Frederick* to Assistant Professor of Anesthesiology. Dr. Frank F. Furttshnberg* to Associate Professor of Sociology in Psychiatry (secondary appointment; home department is Sociology). Dr. Robert A. Gatier to Associate Clinical Professor of Medicine. Dr. Joel Greenberg to Research Assistant Professor of Neurology. Dr. Fred H. Harvie to Professor of Pediatrics. Dr. R. Bruce Hoppensaur* to Assistant Clinical Professor of Orthopaedic Surgery. Dr. Paul J. Honig to Assistant Professor of Pediatrics. Dr. Robert L. Honish* to Assistant Clinical Professor of Medicine. Dr. Edward Janavel Huth* to Adjunct Clinical Professor of Medicine. Dr. David R. Jobes* to Assistant Professor of Anesthesiology. Dr. Mohammad Mehdi Keykhab* to Assistant Professor of Anesthesiology. Dr. Chaup Lee to Professor of Physical Biochemistry. Dr. Philip Litman to Assistant Professor of Radiology. Dr. Avraham Mosesvski* to Adjunct Research Assistant Professor of Neurology (change in department). Dr. James A. McCray* to Adjunct Associate Professor of Biophysics. Dr. Lore Anne McNicol to Assistant Professor of Microbiology. Dr. Sheila Murphy to Assistant Professor of Medicine. Dr. William G. Nerdank to Assistant Professor of Medicine. Dr. Sondra Nemser* to Assistant Clinical Professor Obstetrics and Gynecology. Dr. Morey Nurusbaum* to Professor of Surgery. Dr. Larry A. Palmer to Assistant Professor of Anatomy. Dr. Joseph E. Pappano Jr. to Assistant Clinical Professor of Medicine. Dr. Ernest F. Rosato to Professor of Surgery. Dr. Harry Salem* to Adjunct Associate Professor of Pharmacology. Dr. Alexander Scriabine* to Adjunct Associate Professor of Pharmacology. Dr. Harvey M. Shapiro to Assistant Clinical Professor of Surgery and of Community Medicine. Dr. Irvin Stein* to Clinical Professor of Orthopaedic Surgery. Dr. J. Edward Taylor to Assistant Clinical Professor of Psychiatry. Dr. Rose Lou Tse to Associate Clinical Professor of Medicine. Dr. Edward D. Vinet* to Associate Clinical Professor of Medicine. Dr. George E. Woody to Assistant Clinical Professor of Psychiatry. Dr. Lee W. Yadin to Assistant Clinical Professor of Psychology. Dr. Thomas Vernon Zachary* to Assistant Clinical Professor of Obstetrics and Gynecology. Dr. Burton Zweiman to Professor of Medicine and to Professor of Neurology (secondary appointment; home department is Medicine).

SCHOOL OF NURSING

Ann Adomanis to Assistant Professor of Nursing. Carol A. Boyer to Assistant Professor of Nursing. Beatrice Hunsburger to Assistant Professor of Nursing. Margaret Keen to Assistant Professor of Nursing. Mary Kershaw to Assistant Professor of Nursing. Martha Lambert to Assistant Professor of Nursing. Suzanne Langer to Assistant Professor of Nursing. Joy Lawrence to Assistant Professor of Nursing. Mary Ann Miller to Assistant Professor of Nursing. Malinda Murray to Assistant Professor of Nursing. Rosalin J. Watts to Assistant Professor of Nursing. Robin Wells to Assistant Professor of Nursing.

SCHOOL OF SOCIAL WORK

Dr. June Axson to Professor of Social Work.

SCHOOL OF VETERINARY MEDICINE

Dr. Vincent Cristofalo* to Professor of Biochemistry. Dr. Peter Dodson to Assistant Professor of Anatomy. Dr. Jorge F. Ferrer to Professor of Microbiology. Dr. Herbert F. Harville to Professor of Pediatrics. Dr. Robert J. Honig to Assistant Professor of Anesthesiology. Dr. Richard A. McFerlin to Professor of Animal Reproduction. Dr. Wayne H. Riser to Research Associate Professor of Pathology. Dr. Sheldon A. Steinberg to Professor of Neurology. Dr. Wilfred T. Weber to Professor of Pathology.

WHARTON SCHOOL

Dr. Bernard E. Anderson to Associate Professor of Industry. Dr. Monique Guignard-Spielfgen to Associate Professor of Statistics. Dr. Howard Kunreuther to Professor of Decision Sciences. Dr. Robert A. Zelten to Associate Professor of Insurance.

*Promotions effective in 1974.
EREMITUS PROFESSORS
Dr. Derk Bodde, Emeritus Professor of Chinese Studies.
Dr. John G. Brainerd, Emeritus University Professor of Electrical Engineering.
Dr. Carl C. Chambers, Emeritus University Professor of Engineering.
Dr. William H. Erb, Emeritus Professor of Surgery.
Buckminster Fuller, Emeritus Professor of Architecture and Design Science.
Dr. David R. Goddard, Emeritus University Professor of Biology.
Dr. Charles F. Hoban, Emeritus Professor of Communications.
Dr. Julian Johnson, Emeritus Professor of Surgery.
Dr. Adolf D. Klarman, Emeritus Professor of German.
Dr. Reinout P. Kroon, Emeritus Professor of Mechanical Engineering.
Dr. Carlos Lynes Jr., Emeritus Professor of Romance Languages.
Dr. Adolph Matz, Emeritus Professor of Accounting.
Dr. Dorothy Meredith, Emeritus Professor of Nursing.
Dr. Harry E. Morton, Emeritus Professor of Bacteriology in Pathology in the School of Medicine.
Dr. Robert Pratt, Emeritus Professor of English.
Dr. M.H. Samnitiz, Emeritus Professor of Dermatology.
Dr. Otto Springer, Emeritus Professor of Germanic Languages.
Dr. Cornelius N. Weygandt, Emeritus Professor of Electrical Engineering.

LEAVES
All LEAVES announced below are effective through the 1975-76 academic year, unless otherwise noted in text.

ANNEBENG SCHOOL
Dr. Charles R. Wright, to do sociological analyses of mass communication behavior (fall, 1975).

COLLEGE OF ENGINEERING AND APPLIED SCIENCE
Dr. Racena Baets, Electrical Engineering, to work in the Pattern Recognition Group, CERN, Geneva (spring, 1975).
Dr. David R. Gaskell, Metallurgy and Materials Science, to study at the National Research Council of Canada in Halifax, Nova Scotia.
Dr. Alan L. Myers, Chemical Engineering, to do research on thermochemical methods for hydrogen production at Technische Hochschule in Darmstadt.
Dr. Sohrab Rabi, Electrical Engineering, to investigate the theoretical aspects of electronic and optical properties of solids at the Max-Planck-Institute.
Dr. Alan M. Whitman, Mechanical Engineering, to research the propagation of radiation in random media at Tel-Aviv University.

FACULTY OF ARTS AND SCIENCES
Dr. Roger Allen, Oriental Studies, to revise and prepare for publication a first-year Arabic text.
Dr. Jean V. Alter, Romance Languages, to write a book on the 17th century French novel and complete preparations for a sociological survey of French narratives (fall, 1975).
Dr. Samuel G. Armistead, Romance Languages, to finish a critical edition of “La Refundicion de las Mocedades de Rodrigo” (spring, 1976).
Dr. Nina Auerbach, English, to write a book about communities of women in the English and American novel.
Dr. Eugene W. Beer, Physics, to study inclusive HADRON-HADRON interactions at the Fermi National Accelerator Lab.
Dr. Dan Ben-Amos, Folklore and Folklife, to research communicative forms of Benin oral tradition in their cultural context at the Benin division of the Midwest State, Nigeria.
Dr. Sidney A. Blumenthal, Physics, to do research on relativistic astrophysics at Hebrew University (spring, 1976).
Dr. Wallace E. Davies, History, to finish a study of Philadelphia from 1876-1905 for a forthcoming cooperative history of the city (fall, 1975).
Dr. Phillip H. DeLacy, Classical Studies, to continue work on the translation and commentary for an edition of Galen’s “De Semine.”
Dr. Zosia Domoros, Philosophy, to complete a book on the foundations of semantics and a monograph on qualitative probability structures.
Dr. Peter G. Earle, Romance Languages, to write a book on Spanish American criticism.
Dr. Susan J. Egloff, English, to research and write a critical study of Milton’s poetry (fall, 1975).
Dr. Alan N. Epstein, Biology, to continue research at Cambridge on the way in which angiotensin affects the brain to mobilize thirst.
Dr. Wilfred J. Eichler, Economics, to continue an investigation of the relationship between the international adjustment process and changes in exchange rates and prices.
Dr. Nancy M. Farris, History, to conduct research in Spanish and Mexican archives.
Dr. Robert F. Giegengack, Geology, to study the history of climate change at margin of tropics in South America.
Dr. Russell W. Hardin, Political Science, to research and write a manuscript on the politics of collective action.
Dr. Urich W. Hiesinger, Art History, to complete an urban history of Rome in antiquity.
Dr. Daniel G. Hoffman, English, to research and write a book-length historical poem about William Penn.
Dr. Thomas P. Hughes, History and Sociology of Science, to work on a history of the development of electric light and power systems here and abroad.
Dr. Dell Hymes, Folklore and Folklife, to complete a dictionary of Wasco Chinook in Oregon (spring, 1976).
Dr. Robert P. Inman, Economics, to do research at Harvard as a Robert Wood Johnson Faculty Fellow in health economics.
Dr. Richard V. Kadison, Mathematics, to join a research project on the mathematical problems of quantum dynamics at the Centre for Interdisciplinary Research in Bielefeld, Germany (spring, 1976).
Dr. Jerry L. Kazdan, Mathematics, extension of 1974-75 leave.
Dr. William M. Kephart, Sociology, to investigate and write about experimental family organization (spring, 1976).
Dr. Samuel Z. Klausner, Sociology, to complete research on experimental social organization (fall, 1975).
Dr. Abraham Klein, Physics, to research a theory of elementary particles at M.I.T.’s Institute of Theoretical Physics.
Dr. Igor Kopytoff, Anthropology, extension of 1974-75 leave.
Dr. Alan C. Kors, History, to conduct research in the Parisian archives on 11th century history.
Dr. Irving B. Kravis, Economics, to continue an international comparison project, to investigate the influence of multinational corporations on international trade flows.
Dr. Lynn H. Lees, History, to study at Princeton’s Shelby Cullom Davis Center and to complete a manuscript on English social history (fall, 1975).
Dr. Neil Leonard, American Civilization, to finish a book on modernism in several American arts after 1900 (fall, 1975).
Dr. Marge Mine, English, to research and write a book-length critical study of modern English (spring, 1976).
Dr. Robert P. Powers, Mathematics, to study at the University of Wisconsin-Madison (fall, 1975).
Dr. Albert Pepitone, Psychology, to continue cross-cultural research on human reactions to normative violations (spring, 1976).
Dr. Robert T. Powers, Sociology, to investigate and write about the changes in the American family with the coming of age of the baby boomers (spring, 1976).

ALMANAC July, 1975
Dr. Barbara A. Ruch, Oriental Studies, to continue work on two volumes about medieval Japanese fiction and its illustrated format.

Dr. Peggy R. Sund, Anthropology, to finish a cross-cultural analysis of female status.

Dr. Gino C. Segre, Physics, to research high energy physics at CERN, Geneva.

Dr. Karl Shell, Economics, to do research on theories of optimal taxation and of markets (fall, 1975).

Dr. Ake Sjoberg, Assyriology, to do research for a Sumerian dictionary.

Dr. Carroll Smith-Rosenberg, History, to complete research and write a book.

Dr. Franklin C. Southworth, South Asia Regional Studies, to research multilingualism in India.

Dr. Craig R. Thompson, English, to work on two volumes of a collection of works by Erasmus (spring, 1976).

Dr. Jeffrey H. Tigges, Hebrew and Semitic Languages, to prepare a monograph on comparative models for Biblical literary criticism.

Dr. Lewis G. Tibner, Biology, to study the isolation of particulate actin in cells at the Zoological Station in Villefranche-Sur-Mer, France.

Dr. Ettiene van de Walle, Sociology, to do research and writing at the Woodrow Wilson International Center for Scholars in Washington, D.C. (spring, 1976).

Dr. Ing. L. Waldron, Biology, to study the development of sex differences in coronary-prone behavior patterns at Boston University (fall, 1975); to continue research at Penn (spring, 1976).

Dr. David R. Williams, Psychology, to gain experience in clinical psychology at a Veterans Administration hospital.

Dr. Harvey Winston, Psychology, to do research and writing on schizophrenia; to investigate sports psychology.

Dr. Martin B. Wolfe, History, to prepare a study on the utility of European economic history for the history of public welfare (fall, 1975).

GRADUATE SCHOOL OF EDUCATION

Dr. Joanna P. Williams, to develop curriculum materials for children with learning disabilities at Teachers College, Columbia (1974-75).

GRADUATE SCHOOL OF FINE ARTS

John Keene, City and Regional Planning, to research the emerging aspects of land use regulation and the effects of recent legislation on the concept of property.

Britton Harris, Transportation Planning, to prepare a book on computer modeling for urban systems (fall, 1975).

Morton J. Schussman, City Planning, extension of 1974-75 leave.

Neil G. Welliver, Fine Arts, to replace prototypes and sketches of his work destroyed in a fire.

LAW SCHOOL


Martha A. Field, to write a book-length manuscript on federal common law (1976-77).

James O. Freedman, postponed to 1976-77.

George L. Haskins, to write the second volume of a series on supreme court history (fall, 1975).

John O. Homold, to resume work on a constitutional law treatise (fall, 1976).

Robert H. Mundheim, to do research and write on the role of outside directors in publicly held companies (1976-77)

Covey T. Oliver, to do research on U.S.-European legal transactions (1976 or 1977).

SCHOOL OF DENTAL MEDICINE

Dr. Vernon J. Brightman, Oral Medicine, to study disordered oral sensation and atypical facial pain at New York State Veterinary College in Ithaca.

Dr. Anthony A. Vito, Oral Medicine, to study operations research, management and economics and clinical pharmacology.

SCHOOL OF MEDICINE

Dr. James H. Ewing, Clinical Psychiatry, to be director of psychiatry at the Crozer-Chester Medical Center.

Dr. Aaron Freedman, Medicine, for employment elsewhere (spring, 1975).

DIRECT DEPOSIT PLAN

A number of Philadelphia banks are offering selected banking services without charge to University personnel who elect to have their paychecks deposited by the Payroll Department into a checking or savings account each pay day.

This month and next, representatives of each bank will be on campus to process applications for the Direct Deposit Plan. For example, representatives from First Pennsylvania Bank will be at four campus locations July 7-11 during business hours. A recent bulletin to deans, directors and budget administrators provides full information. Similar bulletins regarding the other banks will be issued.

In addition to First Pennsylvania, the other participating banks are Provident National Bank; Philadelphia National Bank; Continental Bank; Girard Trust; Lincoln National Bank; Central Penn; and the Fidelity Bank.

—William J. Drye Jr., Assistant Comptroller and Director of Personnel Services Information

Dr. Howard Goldfine, Microbiology, to do research on cell membranes of normal and cancer cells at the Imperial Cancer Research Fund Labs in London (1976-77).

Dr. Richard N. Harner, Neurology, to conduct research in experimental epilepsy (spring, 1975).

Dr. Joseph J. Higgins, Biophysics, to do research at the National Institute of Alcohol Research (spring and fall, 1975).

Dr. Roland G. Kallen, Biochemistry, to be senior visiting scientist at the Pasteur Institute.

Dr. John S. Leigh Jr., Biophysics, to study the molecular mechanisms of muscle contraction at MRC Molecular Biology, Cambridge (1974-75).

Dr. Martin Pring, Physiology and Biophysics, to do research at the Max-Planck-Institute on the use of computers for the calculation of current-voltage relationships in natural and artificial membranes (summer, 1975).

SCHOOL OF SOCIAL WORK

Dr. John S. Morgan, to analyze data on international welfare planning and policy, to investigate the impact of multinational growth in developing countries.

SCHOOL OF VETERINARY MEDICINE

Dr. Robert Schwartzman, Dermatology, to revise an atlas on veterinary dermatology, to learn new investigative techniques at labs at Harvard and Johns Hopkins (spring, 1975).

WHARTON SCHOOL

Dr. James Emery, Decision Sciences, to be executive director of the Planning Council on Computing in Education and Research for EDUCOM (spring and fall, 1975).

Dr. Paul E. Green, Marketing, to write a text on multivariate analysis in business; to complete a book on mathematical tools for multivariate analysis (spring, 1976).

Dr. Sidney W. Hess, Statistics and Operations Research, for employment elsewhere (spring and fall, 1975).


Dr. Leonard M. Lodish, Marketing, to study measurement, statistical analysis and multivariate analysis at MIT's Sloan School (fall, 1975).

Dr. Howard V. Perlmuter, Multinational Enterprise, to research and write books on multinational enterprise and on social architecture.

Dr. Paul F. Smith, Finance, postponed to spring, 1976.

Dr. Hans R. Stoll, Finance, to be visiting associate professor of finance at the Graduate School of Business, University of Chicago.

Dr. Yoram Wind, Marketing, to complete a book on product policy; to update research for a book on the applications of behavioral science to marketing.
OPENINGS

The following listings were taken from the Personnel Office’s bulletin of July 1. Openings always appear in Almanac several days after they are first made available via bulletin boards and interoffice mail. Those interested should contact Personnel Services, Ext. 7285, for an interview appointment. Inquiries by present employees concerning job openings are treated confidentially. The University of Pennsylvania is an equal opportunity employer. Qualified candidates who have completed at least six months of service in their current positions will be given consideration for promotion to open positions. Where qualifications for a position are described in terms of formal education or training, significant prior experience in the same field may be substituted. The three figures in salary listings show minimum starting salary, maximum starting salary (midpoint) and top of salary scale, in that order.

ADMINISTRATIVE PROFESSIONAL (A-1)

APPLICATION PROGRAMMER ANALYST to analyze and design specified systems for computer operations; design and develop flow charts; prepare detailed specifications, program, test and debug projects; prepare user, program and operational documentation; participate in implementation, including system testing and parallel operations, and in user meetings and education. Qualifications: College degree preferred. At least four years’ direct programming and systems experience, including design and implementation of applications type systems and use of relatively large operating systems; COBOL and/or PL I programming language.

ASSISTANT DIRECTOR II—ANNUAL GIVING to raise funds from selected undergraduate constituencies; identify, cultivate and solicit prospects from specific alumni classes; recruit class gifts chairman and class agents; compile cross-referenced master list for selected members of class constituency; initiate and coordinate appropriate class reunion gifts funds; act as administrator of class gifts. Qualifications: College degree, preferably from Penn; some experience in public relations desirable; ability to organize volunteers and provide low key leadership to class gifts programs.

ASSISTANT DIRECTOR III—ANNUAL GIVING responsible to director of annual giving, to organize cultivation and solicitation of alumni; enlist program officers; conceive, coordinate and execute annual giving appeals and acknowledgements; organize special events, meetings, telethons, etc. for groups to encourage and promote interest in giving; supervise all aspects of programs and direct work flow of secretary and volunteers; identify large gift prospects and cultivate in concert with class agent; correspond with class agents. Qualifications: College degree, preferably from Penn; at least two years’ experience in fund raising, public relations or related field; ability to write and speak effectively and select, organize and direct volunteers.

ASSISTANT DIRECTOR—CTS AND FRESHMAN SEMINARS to assist in development and administration of innovative academic programs; counsel students; prepare and monitor program budgets; develop and roster courses; participate in faculty recruitment; coordinate guest speakers; prepare informational literature and publicity materials. Qualifications: Ability to work independently; thorough familiarity with university procedures and operations; ability to work with faculty and students; some typing desirable. $8,075-$10,050-$12,000.

ASSISTANT SUPERINTENDANT OF SECURITY to supervise and take responsibility for job performance of security officers on his shift (approximately one-third of the force). Qualifications: College degree with law enforcement coursework preferred; at least five years’ experience in law enforcement; preferably with safety function involved; ability to command and supervise effectively, to communicate with and relate to students, faculty and administrators, to plan and direct special investigations, and to prepare appropriate reports.

DIRECTOR OF RESIDENTIAL LIVING responsible to the Vice-Provost for Undergraduate Studies and University Life, to direct and supervise overall operation of student residences, college houses, fraternities and the resident student counseling program; develop and expand college house program; maintain close liaison with many offices, including the undergraduate and graduate schools, Buildings and Grounds, Security and Dining Services; promote relations in the residence area; maintain and supervise the Conference Center Program. Qualifications: B.A. or preferably advanced degree; travel arrangements, first aid, and emergency response; knowledge and skills in personnel management, business administration and student affairs; considerable experience in university administration, concentrated in residence and student affairs. $14,125-$17,600-$21,050.

LIBRARIAN, humanities and social sciences, to work with faculty and students to solve bibliographic and research problems; help users to gain access to all library resources, including computerized sources; take special responsibility for periodicals, microform and library orientation programs. Qualifications: Master’s degree in library science and B.A. in humanities/social sciences; several years’ experience in reference work or readers’ services; competence in several foreign languages, preferably including both German and a Romance language; ability to relate well to people; familiarity with information retrieval helpful. $10,675-$13,275-$15,875.

LIBRARIAN III to administer Japanese Collection; solve bibliographic problems and provide reference and research services for students and faculty; select Japanese-language books and journals for the collection; supervise cataloging and classification of collection; work closely with faculty and students of the Department of Oriental Studies. Qualifications: Master’s degree in library science; thorough knowledge of Japanese culture, history, literature, etc.; experience in administering Japanese collection in a major research library; knowledge of the various classification systems, including LC; demonstrated ability to work with faculty and students in providing reference services and handling book selection; supervisory ability, mature judgment and a service approach and attitude toward developing the collection into a usable resource for students and faculty. $12,300-$15,325-$18,350.

RESEARCH SPECIALIST I to perform biochemical research on the purification and kinetic properties of TRNA methyl transferases. Qualifications: Recent Ph.D. in biochemistry; training in enzyme kinetics. $9,275-$11,450-$13,600.

STATISTICIAN to write and run computer programs; analyze incoming project data for statistical accuracy; maintain storage retrieval system. Qualifications: B.A. in econometrics or statistics; experience or aptitude in computer programming. $8,075-$10,050-$12,000.

SUPPORT STAFF (A-3)

ADMINISTRATIVE ASSISTANT I responsible for budget; all program reports and press releases; applications procedure, including student resumes, proposals and interviews; office supervision; arrangements for meetings, receptions, cocktail parties, and similar events; secretarial duties. Must be able to make administrative decisions and communicate program details to students, corporations and government agencies in Director’s absence. Qualifications: At least one year’s secretarial experience; superior secretarial skills; ability to function efficiently and to deal with students and public; shorthand preferred. Must be willing to work long, hard hours. $6,550-$7,925-$9,300.

ADMINISTRATIVE ASSISTANT I AND II (6/25/75).

CLERK III (6/25/75).

JANITOR ATTENDANT to attend door and make rounds of the Museum using a Rotex watchclock. Qualifications: Previous watchman experience preferred. Possible rotation of shifts on a monthly basis. $3.35/hour.

JUNIOR ACCOUNT to perform bank reconciliations; reconcile data flow from banks and brokers; analyze trust funds. Qualifications: High school diploma (some higher education preferred); bookkeeping or accounting experience; good typing skills; familiarity with ten-key adding machine. $6,550-$7,925-$9,300.

LIBRARY STAFF ATTENDANT to shelve books in reading rooms and stacks; pick up library mail from Law School mail room; pick up and deliver books and periodicals to faculty offices; run occasional errands. Qualifications: High school diploma; typing skills; library experience and some higher education desirable. $7,971.

LIBRARY CLERK, acquisitions, to assist in book selection; process book orders; search library holdings; maintain accounts files. Qualifications: Good typing skills; B.A. and previous library experience helpful. $7,971.

MEDICAL SECRETARY (4) (6/25/75).

(continued)
PHYSICAL LABORATORY TECHNICIAN III (6/25/75).

PROJECT BUDGET ASSISTANT (6/25/75).

PSYCHOLOGY TECHNICIAN I to administer EEG's to patients in addiction studies (training provided); collect and record clinical data; keypunch and run simple computer programs and statistical calculations; conduct interviews and psychological testing; perform library research. Qualifications: B.A. in psychology; experience in behavioral research, and in administering and reading EEG's, interviewing, and use of computers. $7,900-$9,450-$11,000.

RESEARCH BIBLIOGRAPHER I to research and write reports on financial history and Penn connections of prospective alumni and non-alumni donors, using University libraries, development lists, and records, as well as newspaper microfilm, Martindale and Hubbel, etc. Qualifications: At least two years of college; accurate typing skills; ability to work independently in selection of material and data; ability to complete all aspects of complex and extensive reports. $6,550-$7,925-$9,300.

RESEARCH LABORATORY TECHNICIAN II to prepare small animal tissues for exposure to anesthetic gases and other chemicals; work with isotopes; tabulate and analyze numerical data; maintain and inventory laboratory glassware. Qualifications: High school diploma; two or more years of college preferred; research experience involving handling of small animals and preparation of tissue extracts and chemical solutions; understanding of scientific and chemical terminology. $7,000-$8,300-$9,575.

RESEARCH LABORATORY TECHNICIAN III to perform various chemical and immunological tests; assist in animal surgery and experimental work; maintain and inventory materials and equipment; perform other duties as required. Qualifications: B.S. in chemistry, biology or related science; radioimmunoassay experience helpful. $7,900-$9,450-$11,000.

RESEARCH LABORATORY TECHNICIAN III to organize lab, perform isoforme measurements; assist in animal experiments; perform following blood chemical analyses: carboxyhemoglobin content, blood gases, oxygen content, pH. Qualifications: B.S. in biology or chemistry; research assistant experience; some experience in blood gas and pH measurements and chemical analysis desired. $7,900-$9,450-$11,000.

RESEARCH LABORATORY TECHNICIAN III to grow and handle tissue culture cells; isolate mitochondria and nuclei; perform protein and nucleic acid analyses; count isotopes; perform chromatography; order supplies and equipment. Qualifications: B.A. or equivalent; lab courses in biology, chemistry and mathematics; manual dexterity, neatness; ability to calculate concentrations, etc.; experience in above techniques preferred, but training can be provided. $7,900-$9,450-$11,000.

RESEARCH LABORATORY TECHNICIAN III. Eleven positions announced June 25, 1975: blood gas analysis; animal experiments (2); diabetes mellitus research: brain metabolism and blood flow; cell culture (3); protein isolation and analysis (2); and tissue culture. $7,900-$9,450-$11,000.

RIGGER, racing shells (6/25/75).

SECRETARY IV to prepare personnel and budget forms and periodic reports of proxy voting record; maintain office procedure; assign work to other secretaries as required; perform other duties as assigned. Qualifications: At least five years' business background; flexibility and sound administrative judgment; ability to work with a wide range of people. $7,050-$8,600-$10,150.

SECRETARY I: II (8); III (4); IV (6/25/75).

UNIVERSITY COURIER. Resumes only (6/25/75).

HOURLY PAID (A-4) openings are listed on Personnel Bulletin Boards in 12 campus locations (Almanac May 27, 1975).

A-3 PICNIC

Do you long for leafy glades and soft green pastures dotted with gently grazing animals? The A-3 Assembly Program Committee would like to hear from A-3's interested in a picnic and tour of the New Bolton Center on a Saturday in August or September. Contact the Committee at 418A F.B., or call Mrs. Phyllis Nemarow, Ext. 7894, or Mrs. Margaret Sabre, Ext. S285.

STOP SMOKING

You can stop smoking on your own with the help of a new book from the Center for Behavioral Medicine. Using the Center's behavior modification techniques, the book teaches you to "kick the habit," step-by-step, over 8-12 weeks. The only charge is a $10 deposit refundable on return of the book and materials. For more information, or to set up the required screening interview, call Ceil Hirsh, 227-3503 from University phones.

OFF-CAMPUS CATERING

Planning an off-campus cocktail party—or even a luau in your back yard? Penn Student Agencies will cater it. The non-profit organization offers complete catering services, including banquet, dinner and party equipment, bars, beverages, and edibles ranging from hors d'oeuvres to main dishes to desserts, delivered to your home. Penn students will take care of everything from set-up to clean-up. Billing is made within ten days after the party. To play host instead of galley slave, contact the Penn Student Agencies, catering division, 201 Logan Hall, Ext. 6816.

THINGS TO DO

There's a menagerie on campus: onagers, condors, zebras and other endangered species are "captured" in Susan LeRoux's drawings and paintings exhibited through July 18 in the Houston Hall Gallery. Sponsored by the Women's Center and Fine Arts Building continue to continue. C.A. screenings during July include This Sporting Life (10th); Harold and Maude (16th); Marlene Dietrich in the Shanghai Express (17th); Quackser Fortune Has a Cousin in the Bronx (23rd); and The King of Hearts (24th). Fine Arts offers more old favorites: Play It Again, Sam (10-11th); A Clockwork Orange (15-16th); The Wizard of Oz (17-18th); The Producers (22nd-23rd); The Godfather (24-25th); The Thin Man (29-30th, 7:30 p.m.) and The Thirtynine Steps (9:30 p.m.). The Marx Brothers wind up July and start August with a double feature: Duck Soup and Horsefeathers on the 31st and 1st. The summer schedule concludes with The French Connection (5-6th) and A Cartoon Retrospective (7-8th). Showtimes are 7:30 and 9:30 p.m. at the C.A.; 7:30 and 10 p.m. at Fine Arts, unless otherwise noted. Admission:$1 for all films.

Sheer Pool, closed last spring for repairs, is open again for noontime and after-hours swimming: weekdays, 12-7 p.m. and Saturday, 12-5 p.m. To retransfer lockers from Hutchinson to Gimbel Gym, stop by at the Gimbel office, 12-4 p.m., weekdays.

The "livin' is easy"—or at least easy enough to take 30 minutes and make a donation during the Blood Donor Club's summer drive, July 15, 1-7 p.m. in Hi-Rise North.

With an eye for context, the ICA is offering 30 hours of personalized tennis instruction—in the White Mountains of New Hampshire. Australian pro Roy Emerson will supervise all small group lessons during the July 20-25 Tennis Holiday at the Snowy Owl Inn in the Waterville Valley. The $485 per person fee covers lessons, deluxe accommodations, meals, sauna, swimming, cocktail parties, a $50 donation to the ICA—and a year's membership for nonmembers who attend. Non-playing spouses are welcome for $200, and children can be accommodated. Reservations should be made immediately the ICA, Ext. 7108.

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