

Almanac

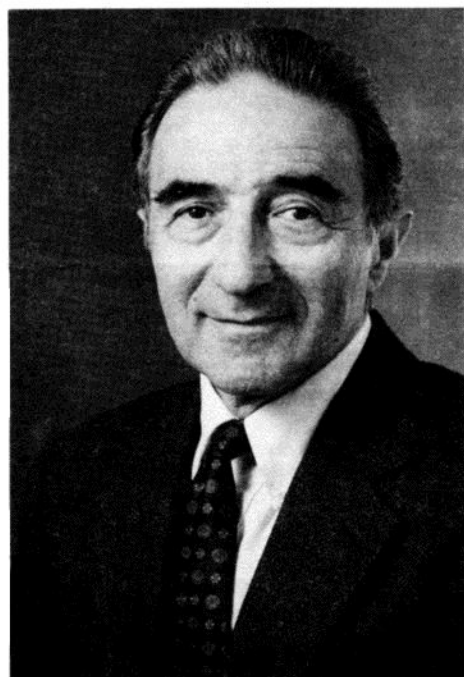
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Dr. Daniel D. Perlmutter

New Ombudsman: Dan Perlmutter of Engineering

Dr. Daniel D. Perlmutter, professor of chemical engineering and 1988 winner of the Lindback Award for Distinguished Teaching, is "next in the line of outstanding faculty members to serve as Ombudsman," President Sheldon Hackney said Monday. Dr. Perlmutter takes office immediately to succeed Dr. Susan Wachter, associate professor of finance, whom Dr. Hackney thanked for her "three years of selfless and dedicated service" as she returns to full-time teaching and research.

Dr. Perlmutter, a member of the faculty since 1964, has already "served the University well in many capacities," Dr. Hackney said. Among recent examples: two terms as appellate officer of the Student Judicial System, and membership on University-wide committees including committees and subcommittees on personnel benefits, conflict of interest, student judicial charter revision, racial harassment, sexual harassment and behavioral standards. He also served on SEAS academic freedom and responsibility committee and was a standby member of the College CAFR early in his years at Penn.

After graduating from NYU magna cum laude in 1952 and taking his Ph.D. from Yale in 1956, Dr. Perlmutter taught briefly at Newark and then joined Illinois/Urbana as assistant professor. He was also a Harvard Research Fellow in 1964, the year he was brought to Penn as associate professor. Promoted to full professor in 1967, he has since chaired chemical engineering as a department and was its acting director when it was a school; served on some 40 school and University-wide committees such as Academic Planning and Budget, SEAS long-range planning, and three search committees for SEAS deans (including the current one, which he chairs). He has published two books and over 100 papers and reviews in his field, and holds a patent with Lovett and Kelley for deashing polymers (assigned to Exxon). His many scholarly honors include Guggenheim and Fulbright awards, an American Society for Engineering Education award for teaching and research, and a Wharton Quest for Technology Prize. A fellow of the New York Academic of Science and a review panelist at various times for NSF, DoE and the UN, he has held lectureships at Rome and Manchester, and visiting chairs at Hebrew University and Technion-Israel Institute of Technology, and refereed Ph.D. theses for several institutions in India.

Penn Safety Commissioner: John Kuprevich of Brown

John Adam Kuprevich, 42-year-old director of security services at Brown University, will join Penn on October 1 as the University's first Commissioner of Public Safety, a new post announced this summer by Senior Vice President Marna Whittington. Reporting directly to Dr. Whittington, Mr. Kuprevich will be responsible for two existing units—the Penn Police Department, and Victim Support and Security Services—and for a third unit now under consideration, security guard services (in which Penn-employed guards would replace present contract services).

Mr. Kuprevich took his B.S. in law enforcement and corrections in 1970 from Penn State, where he was a campus patrol sergeant, and his M.S. in criminal justice administration from Michigan State in 1978. From 1970 to 1981 he was on the police force at Wayne State, a 38,000-student campus in the heart of Detroit, in posts ranging from public safety lieutenant to uniform shift commander and investigation section commander. He also served as a certified police instructor for the State of Michigan from 1975 until 1981, when he went to Brown University.

At Brown, he established comprehensive training programs for police and security officers, restructured relationships of campus police to city and state law enforcement, and brought staff strength up from 31 officers to the present

50 who serve the campus of 10,000 students, faculty and staff in Providence, R.I. He also helped develop a volunteer "Woman on Call" program to respond to needs of female victims of crime, and sponsored a variety of cultural diversity workshops for Brown campus police.

Penn's public safety force, now officially called the University of Pennsylvania Police Department, has 75 officers—an increase of 30 in the past year, when \$1.1 million was added to the campus police budget.

The decision to add the post of Commissioner was announced in July as part of an overall augmentation program that is to include increased educational programming, Dr. Whittington said. "When I first heard about the position at Penn I was not interested in leaving Brown," Mr. Kuprevich said. "But as I learned more about the position and the important role the police and security efforts play at Penn, I realized this was a wonderful opportunity to lead a top-quality safety program at an excellent institution."

Dr. Whittington will sponsor an open house to introduce the new Commissioner to the University community soon after he arrives. "I am delighted to welcome John Kuprevich to Penn," she said. "As a forerunner in programmatic approaches to public safety, he will provide strong vision and direction to our police and security services."



John A. Kuprevich

SENATE

From the Senate Office

The following statement is published in accordance with the Senate Rules. Among other purposes, the publication of SEC actions is intended to stimulate discussion between the constituencies and their representatives. We would be pleased to hear suggestions from members of the Faculty Senate. Please communicate your comments to Senate Chair Almarin Phillips or Faculty Senate Staff Assistant Carolyn Burdon, 15 College Hall/6303, Ext. 8-6943.

Actions Taken by the Senate Executive Committee Wednesday, September 12, 1990

1. **Provost's latest Affirmative Action Report (Fall 1989).** It was noted that a comparison of this report with 1970 figures showed a significant loss of women faculty in several departments. The Chair urged additional comments be communicated to him or the Senate Committee on the Faculty.

2. **Senate Committee Vacancies.** Nominations were made to fill one 1-year vacancy on the Senate Committee on Academic Freedom and Responsibility, the Senate Committee on the Economic Status of the Faculty, and one Assistant Professor seat on the Senate Executive Committee.

3. **Policy on Secular and Religious Holidays.** Concern was ex-

pressed that the increasing number of such student holidays is resulting in a decrease in the number of educational days and flexibility for faculty. The Chair agreed to refer the question to the Senate Committee on Students and Educational Policy.

4. **Legal Activities.** It was moved and adopted that: SEC refer to the Senate Committee on Administration for advice and recommendations the matter of the legal activities of the University administration.

5. **Faculty Salaries.** A motion was made that: SEC refer to the Senate Committee on the Economic Status of the Faculty for review on the matter of two-tiered, highly disparate faculty salaries created by trustee professorships. The motion passed.

6. **Driver's Safety Program.** It was moved and adopted that: SEC refer to the Senate Committee on the Faculty for review the University policy requiring driver's instruction in order to rent a car for University business.

Note: Although the Faculty Senate is temporarily in Room B on the third floor of the Faculty Club, please continue to address mail to 15 College Hall/6303. Mail Service is diverting it to the Faculty Club for us. Of course any mail delivered by messenger should come to the Faculty Club where it may be left at the reception desk. The telephone number is the same: 898-6943; the FAX number is the same: 898-0974; and we are still on PennNet: Burdon@Al.Quaker.upenn.edu. —C.P.B.

Speaking Out

The Vertical Jam

Getting out of the parking garage at 34th and Chestnut Streets between five and six p.m. has become a nightmarish problem during the past couple of years. It is common for someone parked on the third floor to take more than thirty minutes to get past the exit booth. Navigating 34th Street's heavy traffic upon leaving is another tiresome challenge.

A conversation I had recently with the Assistant Director of Transportation and Parking led me to conclude that nothing is being done to alleviate this problem. Suggestions that I raised, most revolving around the conversion of the Chestnut Street entrance into an exit, were rebuffed with a variety of explanations, ranging from the possibility of accidents, legal agreements with the city, and high costs. On the issue of costs, I can only point out that expenditures due to the present mess—huge gasoline waste as cars idle, breathing difficulties from the smoke generated in the lines, lost work time as people leave early to scramble to their engines—are actually very high.

The Assistant Director of Transportation is pinning his hopes for alleviating the problem on the opening of the Walnut Street bridge. He thinks this will reroute Center City traffic that currently goes down Market Street and turns into 34th Street, thus causing the jam. He may be right, but my personal impression is that

much of the 34th Street traffic is actually from Drexel and is not likely to change significantly with the bridge opening.

I hope the Walnut Street bridge opening will ultimately solve the problem, but in the meantime I and many others at Penn look forward to another ten months of frustrating vertical traffic jams. Not having access to the information or knowledge that the Transportation and Parking Office holds, I cannot offer unrefutable short- or long-term solutions. I would, however, like to tender the following suggestion: I suspect that problem will be solved rather quickly if the University requires all those who work in Transportation and Parking to park their cars daily in the 34th Street and Chestnut garage.

—Joseph Turow,
Professor of Communication

Response to Dr. Turow

The Department of Transportation and Parking will continue to make every effort to ease the problems regarding the afternoon exodus from garage #37, short of rebuilding the facility or assuming traffic control for the City of Philadelphia.

—Robert Furniss,
Director Transportation and Parking

Speaking Out Nationally

From time to time the national AAUP identifies Washington legislative issues

of concern to colleges and universities, urging the faculty to convey their views to their Congressmen. Two such legislative alerts have just been received by the campus chapter. To summarize the AAUP Government Relations advisory:

1) As federal budget formation continues, lurking in the background in case of failure to come to agreement is the prospect of automatic cuts for all discretionary programs, effective October 1, 1990. This would prove devastating to education programs, all of which are discretionary except Guaranteed Student Loans. The House has approved an increase of \$3 billion in education appropriations, and the Senate is working on these appropriations. **Action urged:** to ask Congressmen to oppose cuts in the funding of education programs, protect the increase voted by the House, and encourage the Senate to provide a similar increase.

2) AAUP has supported two similar Civil Rights bills. Currently a House-Senate conference committee is at work on a compromise bill. **Action urged:** to encourage Congressmen to support and vote for a revised bill that maintains the standards provided in the two earlier bills, seeking a 2/3 majority to head off a Presidential veto.

—Elsa Ramsden, President,
Penn Chapter, American Association
of University Professors

Speaking Out welcomes reader contributions; short, timely letters on University issues can be accepted Thursday noon for the following Tuesday's issue, subject to right-of-reply guidelines. Advance notice of intention to submit is appreciated.

From the Provost

School Plans for Implementing Fluency Act

As you may be aware, the state legislature has passed and the Governor has signed Senate Bill 539, the English Fluency in Higher Education Act.

In sum, the bill requires the University to do two things: first, to *evaluate* the English fluency of all faculty and teaching assistants who teach undergraduates, and second, to *certify* annually their fluency to the Commonwealth. The first certification will be required on September 1, 1991, and will apply to all undergraduate instructional faculty and teaching assistants hired on or after September 7, 1990. Faculty and TA's hired prior to September 7, 1990 are not affected by this legislation.

After discussing this matter with the Council of Deans, the Provost's Council on Undergraduate Education, the Council of Undergraduate Deans, and the Council of Graduate Deans, I have asked each affected school to prepare and implement a plan for the evaluation and certification to the Provost of the English fluency of their undergraduate instructional personnel in the classroom. I expect these plans to be in place by November 1, 1990.

A summary of the act prepared by the Office of Commonwealth Relations follows.

— Michael Aiken, Provost

Summary of SB 539 (Act No. 76) English Fluency in Higher Education Act

Senate Bill Number 539, the English Fluency in Higher Education Act, was signed into law on July 9, 1990 as Act No. 76. Under the terms of the law, the effective date of the Act is September 7, 1990.

The law requires each institution of higher education in Pennsylvania to evaluate its instructional faculty for fluency in the English language in the classroom. Instructional faculty includes any member of an institution of higher education who teaches one or more undergraduate credit courses. Graduate teaching assistants are included under this provision. Excluded from coverage are: (a) visiting faculty; (b) courses taught predominately in a foreign language; (c) clinics, studios, seminars, laboratories and other student participatory and activity courses; (d) special arrangement courses such as individualized instruction and independent study courses; and (e) continuing education courses.

In evaluating fluency, the Act allows the institution to use "varied and appropriate criteria," including personal interviews, peer alumni and student observations and evaluations, publications, professional presentations, tests or other appropriate criteria.

By September 1st of each year each institution must file a certification with the Department of Education stating that all instructional members hired since the last certification (or the effective date of the Act) are fluent in English language based on evaluation criteria discussed above. The first certification will be required on September 1, 1991, for all instructional faculty hired between the effective date of the Act (September 7, 1990) and September 1, 1991. A penalty for non-compliance of \$10,000 may be imposed for each course taught by an uncertified faculty member.

The State Board of Education is authorized to promulgate regulations to implement the certification and non-compliance provisions of the Act.

To All Faculty, Staff and Students

Update on Mandatory Drivers' Training

On May 14, 1990, the Offices of Risk Management and Fire and Occupational Safety announced a mandatory drivers' safety program for all University staff, faculty and students who are assigned by a division or department to operate a vehicle loaned to, leased or owned by the University on University-related business (*Almanac* May 22). Included in this program are all staff, faculty or students who are authorized by a division or department to rent a vehicle for which the division or department provides payment for the rental charges. Car rentals are further subject to the Travel Policies set forth in the Financial Policy Manual.

As stated in the May 14 notice, following a grace period during which such drivers should be scheduled to attend a course, the department or division will incur a 100% deductible for any collision damage to a vehicle operated by a driver who has not attended this program. In the case of rental vehicles, the division or department which authorized the rental will not receive reimbursement from the Office of Risk Management for any costs the rental company charges as the result of damage to the vehicle during the rental contract if the driver of the rental vehicle did not attend the drivers' safety program.

The deadline is *December 31, 1990*, by which date all personnel who will have occasion to drive a University-owned vehicle or to rent one at the expense of the University must attend a course. Thereafter, the above deductible will apply. Accommodation will be made for current personnel who are on leave or are otherwise unable to attend a course before that date upon notification to Risk Management by the division or departmental supervisor. Courses will be given following that date for new personnel and returning personnel as soon as possible after notification of their need for attendance.

Courses will continue to be scheduled in a central location on campus and at various times to accommodate staff, faculty and student drivers. It is the responsibility of departmental and division supervisors to ensure compliance with this program. All scheduling should be conducted by the supervisors who must account for attendance to the program in the event of a vehicle accident for which a claim for reimbursement is made to the Office of Risk Management. Supervisors should call Ms. Mildred Gunn at Ext. 8-4327 to schedule drivers for one of these programs, and she will provide them with a selection of dates.

A mandatory drivers' safety program is one of the few ways in which the University can demonstrate that it prepares the individuals whom it authorizes to drive vehicles on its business. Legislation is now pending which will require such programs among all large employers. We hope that your "off-duty" driving skills also will be refreshed as the result of attending the program.

Please be reminded that this policy does not relieve a department or division from responsibility for reporting all incidents involving vehicles operated by its personnel, regardless of whether the driver attended the safety course. The Office of Risk Management must receive an incident report with verification of all drivers and witnesses, as well as copies of police reports. The failure to report all such incidents may result in the loss of insurance coverage, including liability protection, to the University and its representatives.

Questions regarding this policy should be addressed to Jane Combrinck-Graham at Ext. 8-6235.

— Jane Combrinck-Graham, Associate Director, Risk Management
— John A. Cook, Safety Specialist, Fire and Occupational Safety

An Honor Society for International Scholars

The Office of International Programs invited applications to become founding members of a Penn chapter of Phi Beta Delta, the honor society for international scholars.

Among the objectives Penn's Alpha Omicron chapter are recognition of achievement; development of a network and promotion of student-faculty interaction in this area; creation of a catalyst for international academically-based programming here; linkage of individuals on campus and throughout the U.S. who are involved in international education; and the promotion of cross-cultural understanding and intercultural communication on campus.

Applications are accepted *through September* from outstanding international and U.S. students who meet criteria of international involvement, as well as from distinguished faculty and staff who have been active in internationally-oriented endeavors such as teaching, research, overseas projects, exchange programs or services to international students and scholars.

Full details of the society, its history, criteria, and application forms, are available from Margaret Gilligan at the Office of International Programs, 133 Bennett Hall/6275, Ext. 8-4661. Selection will be made in October, and members will be inducted October 19 in a ceremony before the annual reception for international students and scholars at the Chinese Rotunda of the Museum.

New Address: Resource Planning & Budget

As noted on page 2 of *Almanac* September 4, a number of College Hall offices have moved or will move this fall to scattered campus locations while restorations are in progress.

The Office of Resource Planning and Budget asks members of the University to note that it has completed its temporary move and the new address is 129 Roberts Hall/6187.

Faculty Exchange Opportunities Abroad

Applications are invited from faculty interested in participating in the following exchange programs, at the deadlines shown:

Katholieke Universiteit Leuven (Belgium)

Fudan University (China)

Shanghai Jiao Tong University (China)

University of Ibadan (Nigeria)

October 15, 1990, for spring 1991

February 15, 1991, for fall 1991

October 15, 1990, for 1991-92

October 15, 1990, for 1991-92

October 15, 1990, for 199-92

Visits for teaching or research should be from one month to one semester in duration; modest funding may be available. Inquiries concerning later visits are welcome. For an application form and further information: Dr. Joyce M. Randolph or Diane Haydon, Office of International Programs, 133 Bennett Hall/6275, Ext. 8-4665/4661.

The Research Foundation: November 1 Deadline

A. Statement of Purpose

The Research Foundation encourages the exploration of new fields across a broad spectrum of disciplines. In doing so, the Foundation expands opportunities for faculty to attract support and resources from external sources while encouraging work in fields that are traditionally under-funded.

The Foundation supports two levels of grants. The first level, Type A grants, provide support in the range of \$500 to \$5,000. The second level, Type B grants, provide support in the range of \$5,000 to \$50,000. The standard application for a Type A grant is briefer than that for a Type B grant, reflecting respective funding levels. However, the review criteria for Type A and Type B grants are similar, and several general factors are considered in evaluating an application for either type of grant. They are:

- Its contribution to the development of the applicant's research potential and progress.
- The quality, importance and impact of the proposed research project.
- Its potential value for enhancing the stature of the University.
- Its budget appropriateness in terms of the project proposed, including consideration of need and availability of external support.

B. The Application Process

The Research Foundation Board will review both Type A and Type B applications in the fall and spring of each academic year. Applications for the fall cycle are due on or before *November 1* of each year, while spring cycle applications are due on or before *March 15* of each year. All research projects involving human subjects or animals *must* receive Institutional Board approval *prior* to funding. Questions concerning humans/animal research should be directed to the Assistant Director for Regulatory Affairs, 300 Mellon Building/3246.

An original and ten copies of both Type A and Type B proposals should be submitted to the Office of the Vice Provost for Research, 106 College Hall/6381.

Type A proposals should contain a brief description of the research and the specific needs which the grant will cover. The proposal should include:

I. Cover page(s)

1. Name, Title, Department, School, Campus Mailing Address, Signatures of Department Chairperson and Dean.
2. Title of proposal.
3. Does the project utilize human subjects or animals?
4. Amount requested.
5. 100-word abstract of need.
6. 100-word description of the significance of the project for the educated non-specialist.
7. Amount of current research support.
8. Other pending proposals for the same project.
9. List of research support received during the past three years. Include funds from University sources such as schools, department, BRSG, or Research Foundation.
10. A one-page biographical sketch of the investigator(s) listing educational background, academic positions held, and five recent publications.

II. A back-up of the 100-word abstract in the form of a 3- or 4-page mini-proposal.

III. A budget list that justifies the specific items requested and assigns a priority to each item. Budgets should not exceed a two-year maximum time period.

Categories of Research Foundation support for Type A proposals will focus on:

- Seed money for the initiation of new research.
- Limited equipment requests directly related to research needs.
- Summer Research Fellowships, with preference for applications from Assistant Professors.
- Travel expenses for research only.
- Publication preparation costs.

Type B proposals are limited to ten single spaced pages in length. The following format is suggested for Type B proposals:

I. Cover Page(s)

1. Name, Title, Department, School, Campus Mailing Address, Signatures of Department Chairperson and Dean.
2. Title of proposal.
3. Does the project utilize human subjects or animals?
4. Amount requested.
5. 100-word abstract of need.
6. Amount of current research support.
7. Other pending proposals for the same project.
8. Listing of publications and research support, including titles, amounts, and grant periods, received during the past five years. Include funds from University sources such as schools, department, BRSG, or Research Foundation.
9. A brief curriculum vitae for the principal investigator.

II. Introduction (2 to 3 pages)

Statement of the objectives and scholarly or scientific significance of the proposed work.

III. Methods of Procedure (3 to 4 pages)

Description of the research plan and methodologies to be employed.

IV. Description of the significance and impact of the project.

V. Description of how a Research Foundation grant will facilitate acquisition of future research funds.

VI. Budget (one page) two-year maximum

Each budget item should be listed in order of priority.

Categories of Research Foundation support for Type B proposals focus on several areas of need. These are:

- Matching funds, vis-a-vis external grant sources.
- Seed money for exploratory research programs.
- Support for interdisciplinary research initiatives.
- Faculty released time.

Requests for student tuition and dissertation fees will not be considered by the Foundation.

Penn 250th: Events in the Fall Finale

- | | |
|---------------|--|
| September 22 | <p><i>9 a.m. to 1 p.m. Rainey Auditorium</i> "Molecular Biology and Its Applications," Symposium chaired by Dr. Baruch Blumberg, Penn Nobel Laureate, Master of Balliol College, Oxford University</p> <p><i>2:30 p.m. Irvine Auditorium</i> "Learning Inner Peace, Developing World Peace" Lecture by the Dalai Lama, exiled spiritual leader of Tibetan Buddhism; co-sponsored by the University Museum; tickets required; (call Annenberg Center Box Office, Ext. 8-6791).</p> |
| October 5 | <p><i>Noon to 5 p.m. College Green</i> "Art Day: A Creative Art Festival on College Green for Penn and the community"</p> |
| October 9 | <p><i>Afternoon Penn Future Forum I*</i> "Ivy League and Ivory Tower: Examining the University's Role in Society"</p> |
| October 17 | <p><i>Evening Phi Beta Kappa Lecture in honor of the College Dr. Carl Kaysen, speaker</i></p> |
| October 19 | <p><i>5 to 7 p.m. Museum, Chinese Rotunda International Students Reception</i> <i>about . 5 p.m. The One-University Graduate Hop: A Progressive Birthday Party*</i></p> |
| October 26-28 | <p>250th Homecoming Weekend</p> |
| October 30 | <p><i>Afternoon Penn Future Forum II*</i> "Tradition and Knowledge Diversified: Toward a Curriculum for the 21st Century"</p> |
| November 9 | <p>First Bower Awards in conjunction with The Franklin Institute <i>9 a.m., Dunlop Auditorium Science Lecture</i> <i>10:30 a.m. Dunlop Auditorium Business Lecture</i></p> |
| November 13 | <p><i>Afternoon Penn Future Forum III*</i> "School into Life: College Experience Outside of the Classroom"</p> |
| November 14 | <p><i>Afternoon Dunlop Auditorium</i> "University Values: Prospects for the Next Century," Symposium chaired by Lord Asa Briggs, Oxford University</p> |
| November 27 | <p><i>3 to 4 p.m. Furness Reading Room</i> Poetry Reading and Discussion, James DePreist, Music Director, Oregon Symphony</p> <p><i>8 p.m. Academy of Music</i> Philadelphia Orchestra Concert conducted by James DePreist</p> |
| December 4 | <p><i>Afternoon Penn Future Forum IV*</i> "Visionary Penn: Creating a View of People and Places to Come"</p> |
| December 12 | <p><i>Late afternoon</i> College Green Holiday Party on the Green</p> |

Concurrent Celebrations: October 11, convocation celebrating the Centennial of the Graduate School of Fine Arts
 October 12, finale of Penn Med's 225th Anniversary:
 Symposium on "The Future of Health Care in America," chaired by Dean William N. Kelley

Exhibitions: *100 For 100: A Century of Achievement* at the Graduate School of Fine Arts, Arthur Ross Gallery;
The Many Faces of Pennsylvania: The University's Affirmation of Diversity, The Annenberg School
A Significant Black Presence in the Law: The Papers of the Honorable Raymond Pace Alexander and
Sadie Mosell Alexander, Great Hall, The Law School
The Opening Exhibition of the ICA (late November in its new gallery).

For more information on the 250th Fall Finale, and a four-color poster of events, contact the 250th Office at 898-1990.

* 250th Student Committee event.

1990 Truman Scholarship Competition

The Harry S. Truman Scholarship Foundation was established by Congress in 1976 to honor President Truman and to provide opportunities for outstanding students to prepare for careers in public service. The scholarships are awarded on the basis of merit to students who will be college seniors in the forthcoming academic year and who have an outstanding potential for leadership in government. To be considered, a student must be nominated by his or her college or university using official nomination materials. The University of Pennsylvania is prepared to nominate up to three students chosen by a faculty selection committee, coordinated by the Office of the Vice Provost for University Life.

Scholarship Coverage: Each scholarship covers tuition, fees, books, and room and board, to a maximum of \$3000 to be used for the senior year and the balance for graduate or professional school expenses. One scholarship is awarded each year to a resident nominee in each of the 50 states, the District of Columbia, Puerto Rico, and considered as a single entity, Guam, The Virgin Islands, American Samoa, and the Trust Territory of the Pacific Island. In addition, up to 52 scholars-at-large may be chosen. "Residence" refers to legal residence in the state from which the student is a candidate. Thus a student nominated by the University of Pennsylvania need not be a resident of the state from which he or she is a legal resident.

Career in Public Service: The foundation defines public service as participation in government, with emphasis on potential leadership ability. Careers may be at all levels and functions of government.

Eligibility: In order to be eligible for selection you must:

1. Have senior status by September 1991,
2. Have a G.P.A. of at least 3.40,
3. Be a U.S. citizen or U.S. national,
4. Plan an academic program leading to graduate study and a career in government and,
5. Have outstanding potential for leadership in government.

Requirements: The following materials must be submitted by Friday, October 19, 1990:

1. A competition cover sheet,
2. An official transcript,
3. A short essay of 600 words or less on some public policy issue of your choice,
4. A statement describing your interest in a career in government and how your educational plans will provide preparation for that career,
5. A letter of recommendation from a University of Pennsylvania faculty member,
6. A letter of recommendation from someone who can discuss your potential for a career in public service,
7. A list of public service activities in which you have been involved (e.g., government agencies, community groups, political campaigns, relevant internships, etc.), and,
8. A list of leadership positions you have held in high school and college.
9. An interview with the selection committee may be requested.
10. A third letter of recommendation.

Please note that these and other materials* are required to be submitted to the Foundation, should you be nominated. All materials should be sent to Terry Conn, Assistant to the Vice Provost for University Life, 200 Houston Hall.

—Office of the Vice Provost for University Life

* Including high school transcript and special forms to be filled out by nominee(s).

Truman Competition Deadlines

Friday, October 19—all applications due.
Wednesday, November 7—nominees selected.
Tuesday, November 20—nominations go to Truman Foundation.
January, 1991—semi-finalists selected.
February-March, 1991—semi-finalists interviewed by panels.
April, 1991—Truman Scholars and Alternates selected.

Breakthrough in Diabetes Research

Researchers at Penn's Medical Center have cured diabetes in rats by transplanting pancreatic islet cells into the thymus, they report in *Science* September 14.

A Penn student, M.D./Ph.D. candidate Andrew Posselt, was principal investigator in the work described as "a very significant step" toward treatment of human diabetes, according to Dr. Ali Naji, professor of surgery and the senior author of the paper with Dr. Clyde Barker, chairman of surgery; J.F. Markmann, M.A. Choti, and Mr. Posselt.

As Dr. Naji, Mr. Posselt, and Dr. Barker described the work last week in a press conference:

It was at Penn, 17 years ago, that a research team led by Dr. Barker first cured diabetes in animals by islet transplantation. However, in all experiments at Penn and elsewhere, transplanted islets were always rejected within a few days unless heavy doses of immunosuppression were administered over a long period.

Until now, Penn's current research identifies the *thymus* as a new, potentially useful site for islet transplantation because the cells in this site are not subject to the usual rejection process. The transplanted cells produce biologically active insulin, and appear to reverse diabetes permanently in the rats.

Islet cells are small clumps of cells within the pancreas which produce insulin and control the metabolism of sugar. Since islets comprise only one or two percent of the pancreas, it is difficult to isolate them from the pancreas. In humans and animals with diabetes the islet cells are destroyed by a poorly understood process which leads to a requirement for daily injections of insulin.

Nationally, there are more than 11 million people diagnosed with diabetes, of which 1 million have insulin-dependent diabetes, known as Type 1 (which used to be referred to as juvenile diabetes). The other 10 million have non-insulin-dependent Type 2, or maturity-onset diabetes. The findings in the latest Penn research could one day benefit those with Type 1, Dr. Naji indicated.

Another important finding of this research was that, after the islet cells had remained in the thymus for 200 days, several tests indicated that the rats had become "tolerant" (lost their tendency to reject) islets even if they were transplanted outside the thymus. Normally, organ transplantation in humans or islet transplantation in rats (outside the thymus) require the life-long administration of immunosuppressive drugs to prevent rejection. These drugs can cause life-threatening side effects such as infection or the development of cancers. Using the thymus as a transplant site strikingly reduces the need for immunosuppression and thus decreases the risk of these complications.

According to Mr. Posselt, "Two hundred days after the first islet cells were injected into the thymus, we injected other islet cells into the kidney. The rats' immune system now failed to recognize the new islet cells as foreign. These islets were not rejected and continued to produce insulin even though they were not in the protected environment of the thymus." In this study islets were transplanted into the thymus of diabetic rats for the first time. This restored blood sugar to normal levels and permanently cured the diabetes despite the fact that only a single dose of immunosuppression was given at the time of transplantation. Dr. Naji said he and his co-researchers "believe the islets were not rejected because the thymus is an immunologically privileged site."

"The islet cells transplanted into the thymus of young adult rats at Penn were not rejected and continued to produce insulin for the remainder of the rat's life," said Mr. Posselt. Dr. Barker described the 27-year-old Stanford graduate as "already an expert in the field." He also said it is "unusual to have someone as young as Andy to have made such significant findings."

Summarizing the implications of islet transplant research for the treatment of humans, Dr. Naji said "the central aim" is to treat diabetes with islet transplantations—and that beyond the treatment of diabetes "any area of transplantations" could benefit by avoiding rejection of foreign tissue. This study of how cells learn not to respond to foreign tissues could play "a significant role in insights in current immunology."

Warning Signs

The American Diabetes Association recommends that people heed the following symptoms which usually develop suddenly: frequent urination accompanied by unusual thirst, extreme hunger, rapid weight loss, easy tiring, weakness, fatigue, irritability, nausea, and vomiting.

In the greater Philadelphia area 200,000 people have been diagnosed while an additional 100,000 or more are estimated to have the disease but have not yet been diagnosed. If the above symptoms occur, the ADA advises that people see a doctor. —M.F.M.

Needed: Volunteers for Diabetic/Ophthalmic Studies

Women and men with insulin-dependent diabetes are needed as volunteers for three studies at Scheie Eye Institute, department of ophthalmology of the University of Pennsylvania, Philadelphia. Participation is painless and risk-free, according to the investigators. The studies seek:

- 1) 15-to-45-year-olds with Type I diabetes, insulin dependent for 5 years or more with no major medical complications. Free medical care and supplies will be provided for 6 months.
- 2) 15-to-35-year-olds with Type I diabetes less than 3 years for a free eye examination.
- 3) pregnant women with diabetes and non-diabetic normal pregnant volunteers for free eye examinations.

Diabetic retinopathy is the leading cause of legal blindness among young people in this country. The relationship between good diabetic control, progress of retinopathy, and the dynamics of circulation in the eye are being evaluated by ophthalmic and diabetic researchers at the University of Pennsylvania. People with diabetes can be free of any symptoms of retinopathy while damage to vision is occurring. The goal of these studies is to develop treatments that may prevent loss of sight in individuals with diabetes.

Those interested in any of these opportunities may call Louise Epperson, R.N., at 662-3571, or Dr. Juan Grunwald at 662-8039; or pass the information and phone numbers to anyone wanting to know about volunteering.

18th District Crimes Against Persons

Schuylkill River to 49th Street, Market Street to Woodland Avenue

Reported crimes against persons from 12:01 AM August 13, 1990 to 11:59 PM September 9, 1990

Totals: Incidents—50, Arrests—10

Near-campus crimes against persons for this period were summarized last week and are detailed below for the record.

| Date | Time | Location | Offense/Weapon | Arrest |
|----------|----------|-------------------------|-------------------------------|--------|
| 08/13/90 | 2:56 AM | 4200 Pine | Robbery/strong arm | No |
| 08/14/90 | 12:10 AM | 4400 Market | Aggravated Assault/gun | Yes |
| 08/15/90 | 2:51 AM | 4604 Woodland | Robbery/gun | No |
| 08/15/90 | 11:00 AM | 3401 Walnut | Aggravated Assault/can opener | Yes |
| 08/17/90 | 1:00 AM | 4600 Walnut | Aggravated Assault/knife | No |
| 08/18/90 | 12:01 AM | 4141 Woodland | Burglary | No |
| 08/18/90 | 1:08 AM | 4800 Sansom | Robbery/gun | No |
| 08/18/90 | 2:23 AM | 3420 Sansom | Aggravated Assault/gun | No |
| 08/18/90 | 3:03 PM | 243 S. 41 | Robbery/strong arm | No |
| 08/20/90 | 6:30 AM | 4100 Pine | Robbery/gun | No |
| 08/20/90 | 9:45 PM | 4500 Pine | Robbery/gun | No |
| 08/20/90 | 10:47 PM | 4637 Spruce | Robbery/strong arm | No |
| 08/21/90 | 8:15 PM | 4800 Spruce | Robbery/knife | No |
| 08/22/90 | 1:16 AM | 3925 Walnut | Robbery/strong arm | Yes |
| 08/22/90 | 2:38 AM | 3800 Chestnut | Robbery/gun | No |
| 08/22/90 | 2:40 AM | 4000 Baltimore | Robbery/gun | No |
| 08/23/90 | 8:15 PM | 4200 Walnut | Robbery/gun | No |
| 08/24/90 | 4:15 PM | 3451 Walnut | Robbery/gun | No |
| 08/24/90 | 7:00 PM | 3801 Spruce | Robbery/strong arm | No |
| 08/24/90 | 7:55 PM | 1 S 30 | Robbery/knife | No |
| 08/24/90 | 10:58 AM | 4860 Spruce | Robbery/gun | Yes |
| 08/25/90 | 1:00 AM | 4100 Spruce | Robbery/strong arm | No |
| 08/25/90 | 8:30 AM | 3000 Market | Robbery/knife | No |
| 08/25/90 | 2:00 PM | 3300 Walnut | Robbery/strong arm | Yes |
| 08/25/90 | 10:00 PM | 3000 Market | Robbery/gun | No |
| 08/28/90 | 12:11 AM | 436 S 48 | Robbery/strong arm | No |
| 08/28/90 | 5:55 PM | 310 S 40 | Robbery/screwdriver | No |
| 08/29/90 | 1:15 AM | 4624 Walnut | Robbery/gun | No |
| 08/29/90 | 4:45 PM | 3400 Civic Center Blvd. | Aggravated Assault/gun | No |
| 08/29/90 | 9:36 PM | 4600 Market | Aggravated Assault/gun | No |
| 08/30/90 | 8:00 AM | 510 S 42 | Robbery/strong arm | Yes |
| 08/30/90 | 8:00 AM | 600 S 42 | Robbery/strong arm | Yes |
| 08/30/90 | 7:58 PM | 4500 Baltimore | Robbery/strong arm | No |
| 08/30/90 | 11:00 PM | 4827 Pine | Robbery/stick | No |
| 08/30/90 | 11:47 PM | 4200 Chestnut | Robbery/gun | No |
| 08/31/90 | 12:04 PM | 241 S 47 | Robbery/fists | Yes |
| 08/31/90 | 2:04 PM | 4819 Walton | Robbery/strong arm | No |
| 08/31/90 | 2:50 PM | 400 S 47 | Robbery/strong arm | No |
| 08/31/90 | 5:00 PM | 41 S Farragut | Robbery/strong arm | No |
| 08/31/90 | 5:56 PM | 3900 Walnut | Robbery/strong arm | No |
| 08/31/90 | 6:10 PM | 300 S 34 | Aggravated Assault/gun | Yes |
| 09/01/90 | 12:05 PM | 113 S 40 | Robbery/strong arm | Yes |
| 09/01/90 | 2:40 AM | 4800 Spruce | Robbery/gun | No |
| 09/02/90 | 12:00 AM | 1203 S 46 | Rape Attempt/strong arm | No |
| 09/02/90 | 12:03 AM | 4000 Sansom | Homicide/gun | No |
| 09/02/90 | 12:04 AM | 4000 Sansom | Homicide/gun | No |
| 09/02/90 | 12:03 AM | 4000 Sansom | Aggravated Assault/gun | No |
| 09/02/90 | 12:03 AM | 4000 Sansom | Aggravated Assault/gun | No |
| 09/02/90 | 4:35 PM | 4700 Baltimore | Robbery/strong arm | No |
| 09/02/90 | 7:40 PM | 3901 Chestnut | Robbery/knife | No |

DEATHS

Dr. Kare, Monell Center

Dr. Morley Kare, professor of physiology and founding director and president of the Monell Chemical Senses Center, died July 30 at the age of 68.

Canadian-born Dr. Kare earned bachelors and masters degrees in science and agriculture from Manitoba and British Columbia, and took his Ph.D. from Cornell University, where he taught from 1951 to 1961. After an additional six years as professor of physiology at North Carolina State University he joined Penn in 1968 to organize and run the Monell Center, initially a University unit but now an independent research organization.

Author/editor/contributor to some 50 books and 200 other publications, Dr. Kare focused his own research on the relationship of taste to nutrition and the discovery of a scientific basis for the way different species select and use food. For his work he received an honorary degree from Manitoba, and MIT's Underwood-Prescott Award, among other honors. Dr. Kare was on the NASA Life Sciences Advisory subcommittee, the Franklin Institute executive committee, the Academy of Sciences board of governors and the board of the American Institute of Wine and Food.

He is survived by his wife, Carol Abramson Kare; a son, Jordin; a daughter, Susan Kare Tannenbaum; a grandson, a brother and three sisters. They ask that any memorial contributions be to the Monell Chemical Senses Center, 3500 Market Street, Philadelphia 19104-3308.

Dr. Joseph Boland Teater, a clinical instructor of psychiatry at the School of Medicine from 1951 to 1983, died September 3, at the age of 75. Dr. Teater's primary appointment was with the VA Hospital and during his long association with the VA, he organized the first day treatment program for psychiatric outpatients in the Philadelphia area. He was an alumnus of St Bonaventure University and Hahnemann University Medical School and an intern at St. Mary's Hospital in 1943. He also served as a consulting staff member at the Institute of Pennsylvania Hospital. He is survived by his wife, Sally Moss Teater, a brother and two sisters.

Belated notice has been received of the death of **Linda L. Keehn**, who worked with the English Program for Foreign Students from 1976 until 1987, died June 2, 1989. She began working at Penn as an instructor, but later served as language specialist, curriculum coordinator and, from 1985-1987 as acting director for the English Program for Foreign Students. She was also an instructor in educational linguistics/TESOL in the Graduate School of Education. Ms. Keehn had received her bachelor's degree from the University of Maryland and her master's degree from Brown University. She had previously taught at Villanova University and at Hacettepe University in Ankara, Turkey.

She is survived by her daughter Elissa Keehn and her son Jason Keehn.

To Report a Death: Offices wishing to notify the University community of the death of a faculty member, staff member or student should contact the Office of the Chaplain.

Brown-bag Series by Women Scientists with Families

A new monthly lunchtime discussion series, *Women, Science and the Family*, starts September 25 at noon with an overview of issues the series will take up—the central issue of balancing demands, and specifics including tenure policy and maternity leave. Dr. Jacqueline Tanaka, research assistant professor in biochemistry & biophysics, and Dr. Robert Barchi, David Mahoney Professor of Neuroscience, lead the first session. Others this fall: Dr. Mildred Cohn, professor emerita of biochemistry & biophysics, October 23; Dr. Helen C. Davies, professor of microbiology, November 27; and Dr. Clara Franzini-Armstrong, professor of anatomy, December 18. The series is open to all members of the University, and is sponsored in part by the David Mahoney Institute. All meetings are in 140 John Morgan Building.

University of Pennsylvania Police Department

This report contains tallies of part 1 crimes, a listing of part 1 crimes against persons, and summaries of part 1 in the five busiest sectors on campus where two or more incidents were reported between September 10, 1990 and September 16, 1990.

Totals: Crimes Against Persons-1, Thefts-24, Burglaries-2, Thefts of Auto-1, Attempted Thefts of Auto-0

| Date | Time | Location | Incident |
|---|----------|-------------------|--|
| Crimes Against Persons: | | | |
| 9/15/90 | 11:58 PM | 3400 Block Walnut | Male reported glasses and \$3.00 taken |
| 38th to 39th; Spruce to Locust | | | |
| 9/10/90 | 7:11 PM | Dining Commons | Secured bicycle taken from rack |
| 9/12/90 | 6:58 AM | Dining Commons | Computer taken from secured area |
| 9/13/90 | 1:31 PM | Lot # 14 | Window broken/car radio taken |
| 34th to 36th; Locust to Walnut | | | |
| 9/10/90 | 9:07 AM | Lot # 3 | Radio taken from auto, rear window smashed |
| 9/14/90 | 3:07 PM | Van Pelt Library | Unattended wallet taken |
| 9/15/90 | 11:58 PM | 3400 Block Walnut | See above under crimes against persons |
| 34th to 38th; Civic Center to Hamilton | | | |
| 9/11/90 | 6:24 PM | Medical School | Wallet/contents left unattended/taken |
| 9/12/90 | 1:26 PM | Johnson Pavilion | Briefcase taken from unsecured office area. |
| 9/16/90 | 7:24 PM | Goddard Labs | Bicycle taken from hallway |
| 35th to 38th; Hamilton to Spruce | | | |
| 9/10/90 | 12:56 PM | 3700 Block Spruce | Unsecured mountain bike taken |
| 9/10/90 | 6:21 PM | 3700 Block Spruce | Secured bicycle taken from rack |
| 9/16/90 | 2:20 AM | Class of 28 Dorm | Jewelry and telephone taken |
| 36th to 38th; Walnut to Market | | | |
| 9/10/90 | 8:03 PM | Lot # 17 | Stereo receiver taken from vehicle/window broken |
| 9/12/90 | 9:09 AM | Lot # 17 | Vent window broken, golf clubs and tools taken |
| 9/13/90 | 12:01 AM | Lot # 17 | Arrest/stolen vehicle recovered |

Safety Tip: Most people feel secure around those they know. Your colleagues in most cases are trustworthy, but you never know who will wander into your office. It takes only a second for a thief to take something of value and run. Protect your valuables in the workplace by keeping them in a safe place.

18th District Crimes Against Persons

Schuylkill River to 49th Street, Market Street to Woodland Avenue from
12:01 AM September 3, 1990 to 11:59 PM September 9, 1990

[See also page 7 for details of weeks summarized here September 11]

Totals: Incidents 17, Arrests 2

| Date | Time | Location | Incident/Weapon | Arrest |
|----------|----------|------------------|-------------------------|--------|
| 09/03/90 | 10:15 AM | 4400 Sansom | Agg Assault/strong arm | No |
| 09/04/90 | 2:37 PM | 4800 Warrington | Robbery/gun | No |
| 09/05/90 | 11:00 PM | 4000 Spruce | Robbery/strong arm | Yes |
| 09/05/90 | 12:15 PM | 4000 Market | Robbery/strong arm | No |
| 09/05/90 | 2:30 PM | 4300 Baltimore | Robbery/gun | No |
| 09/06/90 | 4:26 AM | 3800 Sansom | Robbery/strong arm | No |
| 09/06/90 | 10:55 PM | 4133 Chestnut | Agg Assault/axe | No |
| 09/07/90 | 2:15 AM | 4100 Locust | Robbery/gun | No |
| 09/07/90 | 1:30 AM | 4809 Trinity | Purse Snatch/strong arm | No |
| 09/07/90 | 2:45 AM | 4209 Sansom | Robbery/gun | No |
| 09/07/90 | 2:58 AM | 4000 Walnut | Robbery/golf club | No |
| 09/07/90 | 2:50 AM | 4245 Sansom | Robbery/gun | No |
| 09/07/90 | 5:55 AM | 3020 Market | Robbery/strong arm | No |
| 09/08/90 | 12:07 AM | 4039 Chestnut | Purse Snatch/strong arm | No |
| 09/08/90 | 9:00 AM | 1346 S 46th | Agg Assault/stick | Yes |
| 09/08/90 | 10:14 PM | 4800 Walnut | Agg Assault/fists | No |
| 09/09/90 | 10:05 PM | 1500 Grays Ferry | Robbery/strong arm | No |

Update

SEPTEMBER AT PENN

EXHIBITS

Reproductions from the Fisher Collection; prints depicting alchemists; 9 a.m.-5 p.m. Monday - Friday, Beckman Center for the History of Chemistry, 3401 Walnut. *Through October 26.*

Print Work by Larry Weiss; 3601 Gallery (Christian Association). Reception September 22, 3-6 p.m. *Through September 30.*

FITNESS AND LEARNING

18 Information Session; on courses for small businesses by the Wharton Small Business Development Center and CGS; 6:30 p.m., lower level, Vance Hall (Wharton SBDC).

25 Financial Management for the Small Firm; four Tuesdays; 6:30-9 p.m., \$195. Registration: Ext. 8-6479 (Wharton S BDC). *Through October 16.*

MEETINGS

18 Coffee, Croissants and Christianity; discussion group on the interaction between Christian faith and life in the modern world; 7:30-8:45 a.m., Newman Center. Information: Ext. 8-4715. *Every Tuesday.*

TALKS

20 Endocytosis and Vitellogenesis in an Insect; William Telfer, Penn biology department; 4 p.m., 4th floor Richards Building (Department of Physiology Seminar Series).

21 The Relationship Between Lysosomes and Lamellar Bodies and Rat Alveolar Type II Cells; Kevin Gibson, school of medicine, University of Pittsburgh; 12:15 p.m., Room 1, John Morgan Building (Institute for Environmental Medicine).

24 Catalyst Performance in Gas-Liquid Reaction Systems: Rate Enhancement by Partial Wetting of the Catalyst; Michael P. Harold, University of Massachusetts; 3:30 p.m., Alumni Hall, Towne Building (Department of Chemical Engineering).

Deadlines: For the Update: Mondays before each issue goes to press. For November a Penn pullout calendar: *October 16.* Copy must be submitted in writing (by mail, FAX or e-mail; see addresses below).

Almanac

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ALMANAC ADVISORY BOARD: 1990-91 to be announced. 1989-90 membership: For the Faculty Senate, June Axinn, R.E. Davies, Charles D. Graham (Chair), Almarin Phillips, Lorraine Tulman and Vukan R. Vuchic; for the Administration, William Epstein; for Staff Assemblies, Deverie Pierce (A1), Judith A. Vaughan -Sterling (Librarians), Joseph Kane (A3).