

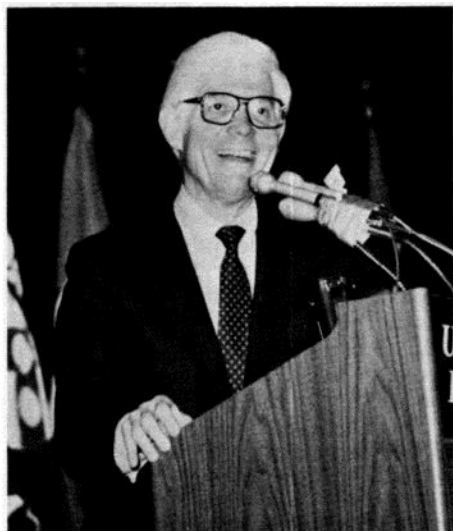
Almanac

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Anderson Announces Possibility of Independent Candidacy



The student at the microphone wanted to know if Presidential candidate John Anderson would consider a third party candidacy. "You wouldn't lose," he said.

"There are more important things besides winning," Anderson responded, "such as restoring faith, trust and confidence in our nation."

Congressman Anderson, a Republican from northwest Illinois, addressed an enthusiastic crowd of more than 2,000 students last Friday at Irvine Auditorium where he announced that he has enlisted a political consultant to help him determine if and when to move to a third party or independent candidacy.

"I'm still a Republican," Anderson later said at a press conference. Because a third party is an institution that lasts beyond an election, he seems to favor running as an independent to reclaim the Republican heritage.

Anderson cited a CBS/*New York Times* poll that indicated Americans are seeking leadership, honesty, and issues. He said it is alarming that too many Americans have lost trust in government and are disillusioned.

The purpose of the government is to solve problems and the government is not doing that today, according to Anderson. He also said that each of us must share the responsibility of finding solutions to this country's problems.



"The energy crisis comes from our own lazy habits of consumption," he declared.

Inflation is fueled by every group, "each constituency seeking more for itself," Anderson said.

He cited the reasons for America's foreign policy positions—we supported Vietnam "because we were naive"; we supported the Shah of Iran because we were "selfish" and in Cambodia we have been "ignorant and indifferent to the problems of others."

"Leadership consists of a willingness to say no when the people are clamoring to hear yes," explained Anderson. Requirements of leadership may also include the responsibility to "awaken, educate and rally a reluctant nation."

Anderson's uncharacteristically Republican progressive views were well received by the majority of the audience. Even as he spoke of necessary sacrifices his audience applauded in agreement.

There is no higher responsibility, as a candidate, than to talk to the nation about what we should do and have to do. Anderson said that most "Americans don't want to be told that their problems are difficult and that they are partly to blame." Referring to the late John F. Kennedy's *Profiles in Courage*, Anderson said the real profiles in courage are the leaders who are willing to look at the longer range despite their own political risks."



On the subject of energy alternatives, Anderson said he favors utilizing coal, if it is done in accordance with acceptable environmental standards.

Military spending is an area that has caused Anderson to be attacked from liberals and conservatives alike. But he pointed out that while he has supported defense appropriation bills for research and development of the B-1 bomber, he is against the production of B-1 bombers. Since Vietnam he has changed his views; we "can't put all our faith in military weapons." Therefore he strongly supports SALT II. The congressman added that the defense budget is not a sacred cow that can't be cut.

Anderson stated that the nation's productivity will be increased by the use of new and improved techniques, processes and inputs of managerial skills which will account for 75 (continued on page 11)

Inside

- The Center for the Interaction of Animals and Society helps correct pets' behavioral problems, page 6.
- The University Council heard several reports but took little action at last week's meeting, page 8.
- A Personnel Relations Newsletter accompanies this issue of Almanac.

Professor Disapproves of Standard Medical Excuse

Editor: One of the rewards of teaching is learning but I came across something the other day which I was surprised not to have encountered before. A student missed a mid-term exam because he was ill and when I asked for some written confirmation I was given a copy of a letter written by a Dr. Paul Schrode, sometime administrator at the Student Health Service. I expect most of the faculty must have seen this letter which among other things suggests that the teaching faculty is petty minded in its serious attempts to quantitatively and fairly evaluate students, that missing an exam is a minor dereliction, and that faculty regard discussions with student a waste of time.

In shirking his administrative responsibilities, Dr. Schrode hid behind a screen of exaggeration and righteous indignation. The argument against giving written excuses is that it is a "pernicious procedure" (pernicious is derived from the Latin—to kill thoroughly, a strong word for the medical profession). In the letter it is suggested that we are fools not to give dishonest students the same consideration as honest ones while at the same time he quantifies student dishonesty in terms of the number of bogus visits to the Student Health Service as being 25 percent. (From what I know of the Student Health Service in particular and of the medical profession in general, I would regard this figure as being highly suspect. I think more students have to be really sick before they avail themselves of the Health Service).

Dr. Schrode's letter argues that if sick faculty don't have to produce written excuses, why should sick students? This overlooks completely the fact that department chairman usually know their faculty a lot better than a professor knows his undergraduate students. As far as I know no chairman has to keep tabs on over a hundred visiting professors in his department.

If student health administrators think signing a written excuse is an unwarranted chore let them come over and help set and correct exams, grade students individually, and submit the required reports to the registrar's office. We all realize paper work is no fun, particularly for people who are not administrators by choice. Therefore I say let the administrators do their small part without griping about it.

P.S. The next time I am given a copy of Dr. Paul Schrode's letter I will ask the carrier to deliver a copy of this letter to the administrator of the Health Service.

R. Ian Harker
Professor of Geology

The Letter in Question

Written by Dr. Paul F. Schrode, formerly medical director of Student Health, this letter appeared originally in the May 1969 Almanac.

One of our perennial problems is the excuse-seeking student and the excuse-demanding faculty member.

Ten years ago we discontinued the pernicious procedure of issuing form excuses to students who had been seen in the Student Health Service. Since then we have instructed students who are ill to explain the matter to those faculty members whose classes he has missed, or to whom he is responsible for some unfulfilled obligation. Happily, many of the faculty accept the student's explanation either at face value, or because they are really not concerned with the student's transient absences or minor derelictions.

However there is always a group of faculty whose response to the student is that he must produce a written excuse from the Health Service. In lieu of this he gets a failure in the exam missed, or the paper due, etc. The student rushes to the Health Service, gets the standard explanation, "No written excuse. We will be glad to corroborate your visits if the faculty member will telephone here." The student is indignant and frustrated. He is caught between two bodies of unyielding officialdom. If he returns to the faculty member, the latter often takes the attitude that he has already stated his conditions, or if he calls the Health Service, he does it more to protest the action of the Health Service in being so high-handed and arbitrary, than he does to verify whether any illness occurred. Now shall we resolve this dilemma, this time-wasting, troublesome business, by reinstating the procedure of giving such excuses? I think not, and these are my reasons:

The business of bringing a note from your mother begins in the grade schools. It seems singularly inappropriate to perpetuate such a juvenile procedure at the University level. Shortly our students will go into society in general, where if illness occurs they will do just what the faculty do, explain the illness to the superior to whom they are responsible. Either he accepts the explanation; or he rejects it, but the judgment is his. It is a responsibility that he cannot abdicate by asking for a note from some third party.

Secondly, if excuses be given which are accepted by faculty, this leads to the obvious abuse that students feign illness or injury in order to get the excuse. A review in '64 indicated that our physicians felt that as many as 25 percent of the visits to the Health

Service were only for the purpose of obtaining an excuse. If the faculty member thinks that his time is wasted in discussing such a matter with a student, think of the amount of time wasted by the physician, and of the money wasted, because the Health Service has the obligation to investigate any complaint.

Revised 1979

The Miracle of 38th Street

Editor: As station manager of University Television (UTV) for the greater part of 1979-1980, I have been deeply involved in what is known as the 38th Street Cable Project, the construction you have seen outside the Bookstore this month. UTV, Penn's student operated cable TV station, needs this crucial link in order to cablecast from its Stouffer basement studio directly to all the residences of Superblock. The project will also benefit other University groups in (continued on page 5)

Almanac

Volume 26, Number 31

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Physics Department Joins International Appeal for Soviet Colleague



The University's physics department again has raised its voice to protest the denial of human rights to a Soviet colleague.

A few weeks ago, Professor Sherman Frankel spearheaded a letter writing campaign asking Dr. Philip Handler, president of the National Academy of Sciences, to reconsider attending the Scientific Forum because of physicist Andrei Sakharov's internal exile. More recently, the department has joined an international appeal on behalf of mathematical physicist Naum Meiman.

Aging and in poor health, Meiman has been denied professional contact with other scientists and has been barred from scientific facilities since 1975, when he applied for an exit visa to Israel.

A letter circulated by Professors Herbert Callen, Sidney Bludman, and Professor Gerald Porter, mathematics, to A.P. Aleksandrov, president of the Academy of Sciences of the USSR, charges that none of Meiman's widely published work contains security risks to the USSR, and thus there is no reason for Meiman's censure.

"Our experience as scientists confirms that research conducted 25 years ago and subsequently published in international journals cannot constitute a threat to the security of any nation," the letter said. Soviet authorities contend that Meiman conducted secret research for the Institute of Physical Problems between 1948 and 1955, and that his exit from the country would pose a security problem.

The action on Meiman's behalf was suggested by the Committee of Concerned Scientists, an organization devoted to the advancement of human rights in the scientific community. The committee is coordinating a letter-writing campaign throughout American universities, having designated April 23 a "day of international support on behalf of Professor Meiman."

This international effort, begun by scientists in the division of Theoretical Physics of the Center for Nuclear Studies in Saclay, France, is the second major appeal for Meiman's release. In 1978, more than 1,200

physicists and mathematicians from ten Western countries protested Meiman's treatment.

Meiman is the only member of his family remaining in the Soviet Union. His only child, a son, lives abroad.

"The detention of Professor Meiman in the USSR," the letter stated, "where he is not permitted to live a normal, creative life in keeping with his scientific talents and human rights, is an affront to the brotherhood of science. Scientific progress requires free access to research facilities and active personal communication between scientists."

The outcry against the treatment of Meiman is joined by another protest of Sakharov's exile led here by Professor Henry Primakoff, physics.

While this protest and previous ones made in the past few months on Sakharov's behalf have not changed the conditions of his removal to Gorky, the letter-writing campaign to Handler did have a small but tangible effect on the international scientific community meeting in the Scientific Forum.

When the conference closed, the Scientific Forum released a "compromise" communique underlining the importance of human rights for the continuation of scientific exchange.

The Forum's statement is thought to be influenced by world scientists concerned about the exile of Sakharov, and other violations of human rights by the Soviet Union. Soviet delegates at the convention complained about what they termed political discussions at the scientific meeting at which British, American, and French delegates publicly objected to Soviet treatment of dissident scientists.

Handler told the conference he had received many appeals from American scientists to reconsider his attendance at the conference.

The compromise, which did not condemn any nation nor call for freedom of movement, resulted from several factors. Many delegates feared that a stronger human-

rights stand would have put the follow-up conference in Madrid in peril. European delegates also sought to retain the principles of detente.

Other action in the scientific community on the banishment includes the decision of the council of the National Academy of Sciences to suspend all bilateral symposia, seminars, and workshops with the Academy of Sciences in the USSR for the next six months. Sakharov is a Foreign Associate of the National Academy.

The first symposium to be suspended was a discussion of laser-matter interaction at the University of Arizona. Three other programs—planning meetings to arrange exchanges in fundamental research, physics, and experimental psychology—will not be held.

In a related action, President Carter also informed Congress in late February that most scientific and technical exchanges developed on the basis of 11 agreements signed in 1972 would be terminated.

—S.J.S.

Faculty Senate to Meet

The Faculty Senate will hold its regular spring meeting on Wednesday, April 23, 3:30 p.m. in Room 200 College Hall.

Important issues on the agenda include:

- the report of the Senate Committee on Administration; among other suggestions, the report recommends the reorganization of the Senate.
- the report of the Senate Committee on the Economic Status of the Faculty;
- the report of the Senate Committee on the Faculty. This report includes a recommendation for restrictions on the membership of the Committee on Academic Freedom and Responsibility.

On Campus

April 17-April 26 17, Thursday

Crafts Fair: Spring Fling Crafts Fair 10 a.m.-6 p.m. in Houston Hall through Saturday.

Movies: International Cinema repeats *The Last Wave* at 7:30 p.m. and *The Power of the People: The Battle of Chile, Part III* at 9:30 p.m. Admission is \$2. for each feature.

Theatre: Quadramics, the student drama group presents *Godspell* under the stars tonight through April 19. Call Ext. 7038 for performance times.

Intuitions, a new student theatre group presents Henry Fielding's *A Tragedy of Tragedies* through Saturday. Call David Luftig at 382-2086 for information.

Theatre Lab I presents four one-act plays in the Harold Prince Theatre at 8 p.m. through April 19. Tickets are \$2. The plays are *Home Free* by Lanford Wilson whose *Talley's Folly* is currently the big Broadway hit of the season; Louis John Carlino's *Snowangel*; William Saroyan's *Hello Out There*, and *Happy Anniversary* by David Jay Bernstein, '80.

18, Friday

Ice Skating: The University Ice Skating Club meets every Friday, 4-6 p.m., at the Class of '23 Ice Rink. Members and guests are invited to participate. For information call 471-6241 or 342-8638 evenings or weekends.

Movies: International Cinema presents *The Power of the People: The Battle of Chile, Part III*, at 4 p.m. and 9:30 p.m. and *Chameleon*, at 7:30 p.m. with a discussion with the director after the film. Matinee \$1, evening \$2 for each feature.

Musical: *Believe*, a musical spotlighting major segments of black history is presented by the Philadelphia Freedom Choir and sponsored by the Onyx Senior Honor Society at 7:30 p.m. in the Harrison Auditorium in the University Museum. Admission is \$3.

Seminar: The Rodney L. White Center for Financial Research will hold a seminar in Vance Hall, Room B-11, 9:45 a.m.-4:30 p.m.

Sports: Women's tennis competes against Middle States at Princeton.

Theatre: The Wilma Project presents Bob Carroll, *Salmon Show and Others including some W. C. Fields and the Chinese Revolution* through Sunday, at 8 p.m. Admission is \$4. The show is at the Christian Association, 3601 Locust Walk.

19, Saturday

Alumni Events: The Society of the College, presents *Inside the Muslim Middle East: Heritage and Change*, in the University Museum.

Continuum, a cooperative life-long learning program presented by the Philadelphia alumni clubs sponsors Christie's Appraisal Day, 10 a.m. to 4 p.m. in the Common Room of Goodheart Hall at Bryn Mawr College. Cost of appraisal is \$5 per item.

Festival: International House presents the International Folklife Festival. The African-American Festival will be a celebration of children's games, storytelling, crafts, gospel and jazz, noon-5 p.m.

The Irish Concert will include traditional music, dance, song and storytelling as part of the ethnic Folklife Festival at International House.

Sports: Men's baseball competes against Columbia at 1 p.m. at Bower Field; men's heavyweight crew races against Princeton and Columbia for the Childs Cup at Princeton; men's lightweight crew races against Columbia and Yale for the Dodge Cup on the Schuylkill River; men's lacrosse competes against Dartmouth at 2 p.m. at Dartmouth; women's lacrosse competes against Cornell at 12:30 p.m. at Franklin Field; the sailing team competes against the Women's Dinghy Champs at Navy through Sunday; women's softball competes in the Philadelphia Tournament through Sunday at the Max Meyers Playground, Bustleton and Magee Streets; men's tennis competes against Dartmouth at 10 a.m. at Lott Courts; men's outdoor track competes against

Cornell at 3 p.m. at Franklin Field; women's outdoor track competes in the Ivy Championships at 1 p.m. at Princeton.

20, Sunday

Festival: International House presents the International Folk Festival, noon-5 p.m. There is a Jewish Festival celebrating the diversity of Jewish culture. A Jewish concert at 8 p.m. presents musical and dance traditions. Admission is \$3 afternoon or evening. \$2 for children and senior citizens.

Music: The University's Gospel Choir presents an inspirational selection of gospel music at 4 p.m. in the Harold Prince Theatre. Admission is free. For more information call Ext. 7571.

Sports: Men's tennis competes against Harvard at 2 p.m. at Lott Courts.

21, Monday

Colloquium: The Annenberg School of Communications and the Graduate School of Education sponsor Harvey J. Graff, National Endowment for the Humanities Fellow, The Newberry Library, Chicago, Ill., *The Legacies of Literacy-Continuities and Contradictions in*



A scene from *Young Tom Edison and the Magic Why*, a musical about the inventor's childhood adventures. The production is from the Performing Arts Repertory Theatre and is part of the Annenberg Center's "Theatre for Children" series. There will be two daytime performances on April 25, and two on April 26 in the Zellerbach Theatre.

Western Society and Culture, at 4 p.m. in the Annenberg School Colloquium Room.

Lectures: The Ninth Annual Louis B. Flexner Lecture featuring Roger A. Gorski, Ph.D., professor of anatomy, U.C.L.A. School of Medicine, Center for Health Sciences, Los Angeles, Cal., *Hormones in Brain Function and Development* is in the Dunlop Auditorium A, Medical Education Building at 4 p.m.

The Dutch Studies Program presents Professor Marcel Janssens, the University of Leuven, Belgium on *Contemporary Dutch Literature in a European Context* in the West Lounge in Williams Hall at 8 p.m. A reception follows the lecture.

Seminar: The Administrative Assembly Brown Bag Seminars hosts Luigi Mastroianni, M.D., Chairman, department of obstetrics/gynecology in the Harrison-Smith-Penniman Room of Houston Hall at 1 p.m.

22, Tuesday

Lecture: Lord Saint Brides, the distinguished former Commissioner to India, speaks at the Annenberg

Auditorium at 4 p.m. His topic is *The Afghanistan Crisis: The Road Ahead*. A reception will follow at 5:30 p.m. in the Lenape Room of the Faculty Club.

The Spring 1980 Hans Rademacher Lectures in Mathematics are given by Professor Melvin Hochster of the University of Michigan in a series of talks on *The "Boundary" of Commutative Algebra* at 4 p.m. and Wednesday-Friday at 3 p.m. in David Rittenhouse Lab Room A-1.

Seminar: The Respiratory Physiology Seminar sponsored by Specialized Center of Research, Institute for Environmental Medicine, Department of Anesthesiology and Respiratory Group of the Department of Physiology presents Dr. Rosemarie Baumann, department of physiology, on *Oxygen Transport and Functional Characteristics of Hemoglobin in the Developing Chicken Embryo* at the Physiology Library, fourth floor, Richards Building, at 12:30-1 p.m.

Sports: Men's baseball competes against LaSalle at LaSalle at 3:30 p.m.; men's tennis competes against Penn State at Lott Courts at 3 p.m.

Symposium: The Interfaith Chaplaincy Service and the Hospital of the University sponsor the Fourth Annual Elizabeth Baker Moffett Memorial Symposium 1-4 p.m. at the Dunlop Auditorium in the School of Medicine. The symposium will address *Beyond the Body—The Patient in Perspective: Attitudes and Beliefs in Health and Illness*. For more information call Chaplain John Pumphrey at 662-2590.

Theatre: Noel Coward's *Hay Fever* starring Celeste Holm runs through April 27 in the Zellerbach Theatre. The McCarter Theatre production of *Hay Fever* is directed by Nagle Jackson. Call Ext. 6791 for ticket information.

23, Wednesday

Blood Drive: The University seeks blood donations at Houston Hall, 10 a.m.-5:30 p.m.

Lecture: A program on personal financial planning provides an introduction to personal financing. The mini-course meets on Wednesday evenings, through May 14 at 6 p.m. at the Institute for Paralegal Studies, 235 S. 17th Street. Tuition is \$50.

Movies: Exploratory Cinema presents Orson Welles' *F for Fake* at the Studio Theatre of the Annenberg Center at 7 and 9:30 p.m. Admission is \$2. For information call Ext. 6791.

Musical: West Philadelphia's neighborhood performing troupe, The Marygold Theatre Company presents *The Fantasticks* through April 26 at the Parish Hall of St.



Celeste Holm and G Wood in *Hay Fever*, a comedy by Noel Coward. The McCarter Theatre production, directed by Nagle Jackson, plays in the Annenberg Center's Zellerbach Theatre, April 22-27.

Mary's Church, 3916 Locust Walk. Call 386-3916 for reservations. Show time is 8 p.m. Wednesday and Thursday. Dinner/theatre productions begin at 7:30 p.m. Friday and Saturday.

Sports: Men's golf competes against LaSalle and Villanova at LaSalle at 1:30 p.m.; women's lacrosse competes against Princeton at Princeton at 3:30 p.m.; women's softball competes against Allentown at River Field at 4 p.m.

24, Thursday

Colloquium: The Medical Student Research Colloquium presents research activities of medical students 1-5 p.m. in the Lecture Room D, Med Labs Bldg., School of Medicine. For more information call Mrs. Baker at Ext. 8025.

Lecture: The School of Medicine presents Dr. David Spector, pathology department, Washington University, St. Louis, Missouri on *Regulation of Expression of Integrated Sequences in Superinfected Adenovirus Transformed Cells* at 11:30 a.m. at 235 Johnson Pavilion, Microbiology Library.

Sports: Women's softball competes against Widener at Widener at 4 p.m.; men's outdoor track competes in the Penn Relays at Franklin Field through Saturday; women's outdoor track competes in the Penn Relays at Franklin Field through Saturday.

25, Friday

Arbor Day: The Morris Arboretum's annual Arbor Day celebration features tree seedling giveaways, special tours for school groups, displays, workshops and walks. The arboretum is located at 9414 Meadowbrook Avenue. The celebration in the Hillcrest Pavilion is open 9 a.m.-5 p.m. through Sunday.

Concerts: The Penn Jazz Ensemble holds its spring concert at 8 p.m. in Zellerbach Theatre of the Annenberg Center. Call Ext. 6791 for tickets.

The Choral Society, with William Parberry, conductor, and the University Symphony, with Eugene Narmour, conductor, present Mozart's *Coronation Mass*, Buckner's *Three Graduals* and other orchestral works. The concert is in Irvine Auditorium. Free.

The Ethnic Folklife Festival at International House sponsors a Puerto Rican Concert featuring traditional folk music of Puerto Rico. Admission to the 8 p.m. concert is \$3, children and senior citizens \$2. For more information call 387-5125, Ext. 201.

Ice Skating: The University Ice Skating Club meets every Friday, 4-6 p.m. at the Class of '23 Ice Rink. Members and guests are invited to participate. For information call 471-6241 or 342-8638 evenings or weekends.

Musical: The Annenberg Center "Theatre for Children" Series presents a musical from the Performing Arts Repertory Theatre, *Young Tom Edison and the Magic Why*. Performance times in the Zellerbach Theatre are Friday, 10 a.m. and 12:30 p.m. and Saturday, 11 a.m. and 2 p.m. For information call the Box Office at Ext. 6791.

Speaking Out

(continued from page 2)

the future by permitting computer linkups and new security systems.

Thanks to the kind efforts of often unpopular University administrators, the "miracle of 38th Street" has finally materialized. Years of bureaucratic runaround culminated last summer with a terse letter to me from former Vice President D. Bruce Johnstone. "I find your efforts self-serving," said Dr. Johnstone. He concluded, "I don't have any money to put into a ditch."

After Johnstone's departure, President Meyerson and Provost Gregorian were instrumental in convincing the Capital Budgeting Council to approve the \$54,000 project in September. Especially friendly and supportive was Johnstone's courteous and able successor, Vice President Morris Arnold. As much as Johnstone belittled my serious efforts at improving conditions for a 200 member student organization and its viewers, Dr. Arnold restored my self-respect.

In the final planning of the project, which

Sports: Men's baseball competes against Navy at Bower Field at 3 p.m.; men's golf competes in the Ivy Tournament at Yale through Saturday; sailing team competes for the Kennedy Cup at Navy through Sunday; men's tennis competes against Navy at Lott Courts at 3 p.m.

26, Saturday

Sports: Men's baseball competes against Princeton at Bower Field at 1 p.m.; men's heavyweight crew competes against Yale for the Blackwell Cup at the Schuylkill River; men's lightweight crew competes against Princeton for the Wood-Hammond Cup at Princeton; women's crew competes against Princeton, Dartmouth and Williams at Pittsfield, MA; sailing competes against Textile, Drexel, Haverford and Villanova for the Hayward Trophy at Penn's Landing at 9 a.m. through Sunday; women's softball competes in the Ivy Tournament at Yale through Sunday; men's tennis competes against Princeton at Lott Courts at 2 p.m.; women's tennis competes in the Ivy Tournament at Harvard through Sunday.

Continuing Exhibits

Sir Peter Sheppard: Collected Works in the Faculty Club Lobby, Monday through Friday, 9 a.m.-9 p.m.

The Shadow Catcher: E.S. Curtis in the University Museum, Tuesday through Saturday, 10 a.m.-5 p.m., Sunday 1 p.m.-5 p.m., through July.

Urban Encounters at the Institute of Contemporary Art in the Fine Arts Building, Monday, Wednesday-Friday, 10 a.m.-5 p.m., Tuesday, 10 a.m.-7:30 p.m., weekends 12-5 p.m., through April 30.

Henri Labrousse, 1801-1875, in the Graduate School of Fine Arts, 4th floor space, Monday-Friday, 9:30 a.m.-5 p.m., through April 25. The show commemorates the 100th anniversary of the architect's death.

Ground Works in the Philomathean Art Gallery in the fourth floor of College Hall. The exhibit continues through April 25; hours are noon-5 p.m., weekdays.

Marianna Orth at Gates Hall, Morris Arboretum 9 a.m.-5 p.m. weekdays. Orth's large canvases brightly depict the world of plants. April 21-May 16.

included purchase of cable and its "pulling" through the completed conduit, three men were indispensable: Vice President for Budget and Finance Jon Strauss, Director of Engineering and Construction Paul Greenberg and Superintendent of Electrical Systems Ed Price. Strauss provided generous financial support. Both Greenberg and Price are among the most hardworking, forthright and efficient people I have ever met. Greenberg and Price achieved a special rapport with me as a student which I greatly appreciate.

To all of these men I say thank you on behalf of UTV and myself. Their respect and friendliness while others laughed this project off as impractical resulted in this major capital improvement. This fall, UTV will be able to reach all the Superblock residences live from its Stouffer studio—and I hope many of the above administrators will join me in flicking the last switch in September! Thank you, gentlemen.

—Leonard A. Bernstein '80

Clinic Corrects Pets' Behavioral Problems

Allen dreaded coming home from work because he knew that his 120-pound doberman was there waiting for him. And after two years of peaceful life with his pet, their relationship had been transformed from friendly to frightening. While the dog still behaved normally around other members of the household, it had begun growling at its master.

"It got to the point where the dog was stalking him around the house," explained Dr. Victoria Voith, veterinary behaviorist at the University's Center for the Interaction of Animals and Society. "This dog could kill you if it really wanted to. Allen was carrying a wiffle-ball bat with him at home to protect himself."

Frustrated, Allen sought help from the behavior clinic at the center. The two-year-old clinic, headed by Voith, uses different combinations of behavior modification techniques, drugs and owner instructions to cure animal behavior problems.

"Just as animals have organic disease, often comparable to humans, they have behavioral problems too," said Dr. Alan Beck, director of the center. "Veterinarians will very often see behavioral or social problems (in humans) related to animals—perhaps where an animal is interfering with a marriage—but have no experience with it."

"We are the psychology/psychiatry component of veterinary medicine," he added.

The behavior clinic is most concerned with its day-to-day patients, while the research components of the center investigate and catalogue data in this very new and complex field. Animal owners bring their problem pets—from dogs to parakeets—for treatment of apparently unsolvable situations.

Alan's problem with his doberman was dominance. In a pet/human relationship, someone—usually the owner—must be the boss. But by not properly training his dog to respond to commands, Allen had failed to maintain dominance over his pet. And when, two years later, he started teaching his animal tricks, the dog wanted no part of it.

"In this case we used a combination of behavior modification and drug therapy," Voith explained. "The drugs are used simply to reduce anxiety on the part of the animal. The behavior technique is 'paired rewards'—by rewarding his dog with raisins and cheese while teaching it to do simple tricks, Allen gradually began asserting himself." After a few months the relationship was back to normal again—Allen was the master and the doberman was, well, the dog.

The center, which recently received permanent funding from the Geraldine R. Dodge Foundation after two years of tenuous financial backing, seeks to spread the message that this anecdote so graphically illustrates: the relationship between man and pet is an often overlooked phenomenon.

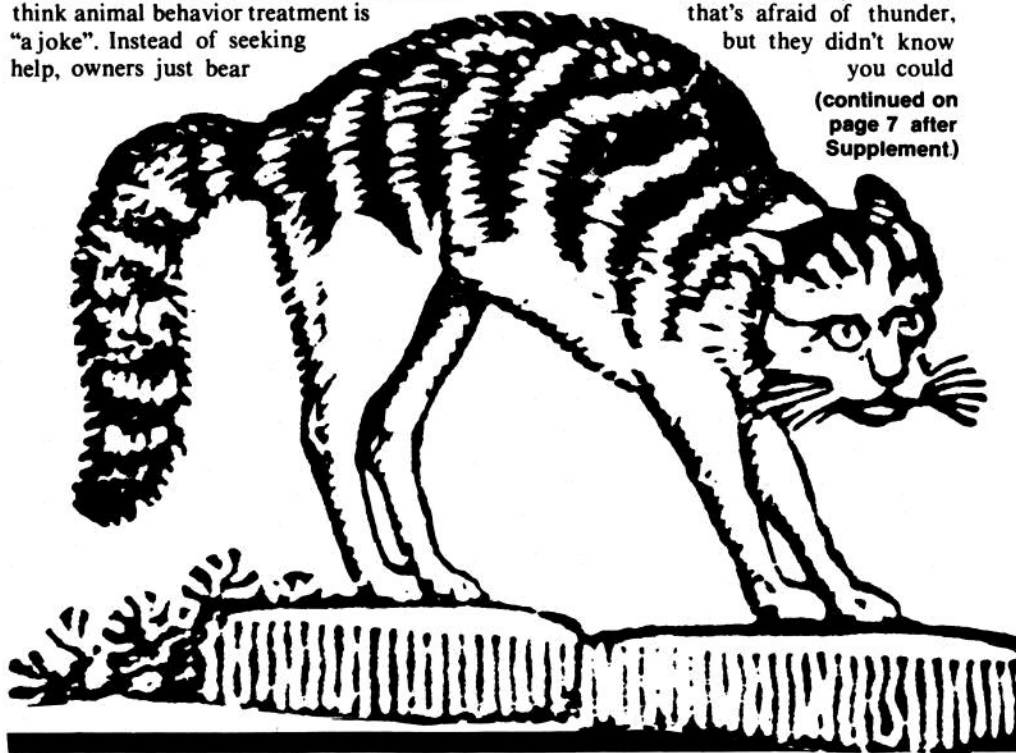
"Obviously we're not resorting to Freudian methods," Beck said, "but we will use classical conditioning, desensitization and social counseling and after a while, you have a pet that's reliable."

The center serves the medical fields and the lay community in three separate areas—service, research, and education—to increase awareness of the human-pet relationship. While the service arm, the behavior clinic, has a rapidly increasing number of patients, Voith worries that many pet owners don't seek her services because they think animal behavior treatment is "a joke". Instead of seeking help, owners just bear

with their animals' problems and hope they'll go away.

"The people we see in the behavior clinic have endured a considerable amount of discomfort for years because of an animal behavior problem they've tolerated rather than getting rid of the pet," she said. "Most of them believe that if they get rid of the animal it would probably be euthanized—which is probably true, since no one is going to adopt it—so they keep it. They have a dog that's not housebroken, or that chews up stuff when they leave, or that's afraid of thunder, but they didn't know you could

(continued on page 7 after Supplement)



Preventing Pet Problems by Showing Who's Boss

Dogs, which were domesticated from wolves, thrive in a human family situation because of its similarity to the wolf pack. In a way, when you buy a dog, you are letting it into your family pack.

Every pack has a leader. And if you aren't the leader in your family pack, it's possible your dog may take over that role.

Many of the problems seen in the center stem from this situation, especially aggression and biting. But, according to Voith, they are preventable if certain steps are taken while the animal is a puppy.

"The dog must be a subordinate member of the family pack," Beck concurred. "Let's face it, we're the ones in charge. We're buying it food—it's not buying us food."

One very subtle technique, Voith suggested is staring at the dog. You should stare at its eyes until it looks away, and as soon as it does, reward or praise it. "This is one way

that dogs and wolves are constantly communicating with each other as to who's boss," she said.

One more physical technique is to pick up the puppy, often or frequently push it into a down position, restrain it until it stops wiggling, and then let it up. "Pressure and restraint is another means by which dogs reinforce their dominance," she said.

The most common problem is people giving dogs commands which they will not be able to enforce, Voith said. Often the owner will tell an animal to sit when someone is at the door. If the animal doesn't follow the command, the owner will just go to open the door rather than let the guest wait outside. The pet then gets used to ignoring that, and other commands. According to Voith, this escalates to the point where "the pet actually objects to the owner asking it to do something."

correct those problems. Despite the fact that they are uncomfortable with what the animal does, the animal is a good pet and companion. So they really are in a dilemma."

While behavior clinics are not new, the social work aspect of this one is unique in veterinary medicine. Besides counseling owners about their interaction in curing animal behavior problems, social work graduate student Jamie Quakenbush has another interesting and demanding task. He counsels owners whose pets, being treated in the University animal hospital, are going to die of terminal disease or be euthanized. He borrows much of his technique from counseling done with human families of terminal human patients.

"People experience the same grief and mourning over a pet as they do for another human," he said. "In some ways it is more difficult with an animal. Society doesn't accept that such grief could be caused by an attachment to a pet.

"A person becomes so isolated that his pet is his only relationship—I don't think that's healthy. Many owners see their animals as child substitutes—in fact they refer to the pets as 'kids'," he said. "This is normal, but people will probably only work the animal deaths through by finding a substitute for the companionship."

One study indicated that heart attack victims had a better chance of avoiding relapse if they owned a pet. "If you hold severity constant," said Beck, "the one variable, in a huge multi-variant study, which accounted for the most survivors one year after a heart attack was pet ownership." The hypothesis on which this study is based

is the well-established notion that petting an animal lowers pulse rate. Similarly, stress reduction has been linked to pet ownership.

"Pets have been used," Voith said, "for people who are emotionally stressed, in hospital situations, or depressed to get them to relate to something in order to begin communicating with them. They've been used in old age homes for companionship to facilitate talking and in prisons. And the effect in one state hospital for the criminally insane has been remarkable.

"By introducing small caged birds, gerbils or hamsters, [to the inmates] there has been less fighting in the wards. Inmates build cages, grow stuff for the animals to eat, and I think their whole lives have been improved," she explained.

Perhaps the most important component of the center is educating the medical and lay communities of the importance of animal behavior problems, and the possibility of their remedy.

Besides trying to build a backlog of cases and diagnoses for use by other veterinarians, the center is trying to get doctors to consider the place of the pet in human behavior. One important area, according to Beck, is animal abuse.

"A lot of people might have felt that animal abuse had a positive social effect," he explained. "But it looks like this is not the case. The people who do it to dogs also do it to people. Most violent criminals have a history of animal abuse, including child abusers and rapists.

"It may be that we can use animal abuse as a model for human abuse. Or perhaps as an early warning sign."

The clinic's services are inexpensive by veterinary standards (\$25 per hour) but are not offered free. "It's not because we need the money," Beck said. "People tend to listen to you more if they're paying for it. It's strange ... many humane societies won't give animals away because they find that people take better care if they are charged."

In its second year of operation, the Center for the Interaction of Animals and Society feels it now has the stability and financial backing to achieve its goals. "We serve the purpose of making pets more helpful to humans," Voith said. "People are very attached to their pets, and if we can do something to correct a behavioral problem, we are relieving a tremendous amount of anxiety and pressure that the person is living under."

"Some people," Beck concluded, "feel that if a dog is biting or tearing up the house that it makes more sense, for the same amount of money, to replace it than to try treating it.

"But for many others there would be a very serious grief reaction. The idea of animals being important as opposed to only a luxury is only just being appreciated. People feel the same way about music and art as they do about animals—that there's a place for them."

—S.F.

One common behavior problem not linked to dominance, is a pet which suddenly misbehaves when its owner's schedule changes. Many households where the woman has been home all day and then must take on a job during the day experience this. Voith herself had this problem when she moved to the center from private practice, and her dog began chewing up her home while she was away.

To prevent this, Voith said an owner must get the animal used to being alone when it is young. "Start leaving the puppy for very short periods of time—five minutes, and then come back. Then increase it to ten and so on."

If this is done regularly, the animal will not get upset when left alone for long periods of time during the day.



Action Stymied at University Council Meeting

Last Wednesday's University Council meeting was one of stalled action. Discussion of both proposed bylaws amendments on graduate and professional student membership on the Council and proposed guidelines and integrated statement of policy on research was postponed for future consideration.

And perhaps last week's most controversial action—passage of a resolution on the University's relationship with the United Way—stalled for lack of a quorum.

Steering Committee had prepared three resolutions on the United Way for Council consideration. The first called for the University to terminate its relationship with the United Way, while the second called for the University to terminate its relationship with United Way and establish "a University-based organization which would solicit funds to support charitable organizations deemed worthy by this community." The third would continue United Way solicitation of the University community, provided United Way "seek to remove the apparent veto which the Catholic Church can cast on participating organizations," "develop and publish explicit guidelines on selection of participating organizations," and "provide an opportunity for contributors to contribute through United Way directly to non-member charitable organizations."

No action will be taken on these resolutions until after University administrators

meet with United Way officials on April 27.

President Martin Meyerson reported that a \$2 million gap between income and expenses currently plagues budget planners. He also told Council that a grand jury "was looking into matters" of First Pennsylvania Bank's financing of an arms sale to South Africa, "but came away with no indictments." He added that there were rumors of a Congressional investigation, but nothing more on the matter.

In other action, the Council:

- heard a report from Vice President for Operational Services Fred Shabel on possible solutions to the University's energy woes. He attributed part of the rising energy costs to the delay, caused by the Three Mile Island incident, in opening two nuclear power plants that are slated to produce energy for the Philadelphia metropolitan area.

Shabel also reported that the University had recently received assistance from the federal government to help combat rising energy costs: a \$1.7 million low-interest loan will finance window renovations in the Quad dorms, while a \$2.95 million matching grant will provide funds for work on the library.

- heard a report from the Safety and Security Committee on campus security. Carol Tracy reported that the murder of a University graduate student last month "on the University's doorstep" had emphasized the need for security measures on campus.

All highrise residences and the Quad are now on 24-hour security, with an I.D. check

to enter the building. At the Quad, where a student was raped in her room last fall, Tracy noted that security had been improved, with only three gates open at various intervals during the day and night, improved locks and lighting installed, and peepholes placed in room doors.

She noted that at the Quad some problem still exists with keeping people from scaling the fence, and in all buildings doors propped open can cause security problems.

Tracy added that subway security had been brought to the attention of the committee by those who depend on the subways for transportation to and from work. "Although we've had no serious subway crimes, we're just holding our breath," she said.

- heard a report from the Community Relations Committee. Dean Louise Shoemaker, social work, told Council that the committee was working to provide a directory of university resources that are at the disposal of community members. However, she added that the university should do more than "just sweeten our presence in the community" and should work to help improve the West Philadelphia community.

—C.A.V.

The next University Council meeting is set for Wednesday April 30, 4-6 p.m. in the Council Room of the Furness Building.

FAS Graduate Students Named Dean's Fellows

Thirty-six graduate students who are pursuing doctoral degrees in the Faculty of Arts and Sciences have been named Dean's Fellows, Dean Robert H. Dyson, Jr., announced last week.

They are: John P. Bigelow, economics; Berndt A. Brenken, mathematics; Eric J. Brosius, mathematics; Regine P. Bryant, German; Kee-ju Choi, chemistry; LuAnne De Cunzo, American civilization; James G. Flanagan, anthropology; Steven J. Fluharty, psychology; Gary E. Forsythe, ancient history; Warren E. Fusfeld, history; Michael Garenne, demography; Brenda E. Gray, American civilization; Richard R. Hudson, biology; Sylvia D. Kuzmak, psychology; Barbara S. Landau, psychology; Ki Bong Lee, physics; Zachary H. Levine, physics; Linda C. May, anthropology; Mollie A. McNickle, history of art; Marc S. Merlin, physics; Robert J. Moore, chemistry; Warren F. Motte, romance languages; David A. Pendlebury, oriental studies; Nicholas A. Petasis, chemistry; John B. Platoff, music; Marcus B. Rediker, history;

Steven D. Sargent, history; David J. Smith, psychology; John V. Smyth, English; Julie R. Solomon, English; George F.S. Stephens, physics; Alan J. Tessier, biology; Brian P. Tonner, physics; Madelon A. Visintainer, psychology; Mary V. Yates, English; Andrew M. Zangwill, physics.

The students were chosen from 113 candidates who were nominated by their graduate group chairpersons. Nominations come from approximately 2,000 graduate students in the Faculty of Arts and Sciences. The Dean's Fellows will receive a stipend comparable to a teaching fellow as well as tuition and fees.

Work-Study Deadline

The Financial Aid Office announces that College Work-Study Program "Update Forms" and "Applications for Student Assistants" for Summer 1980 and the 1980-1981 Academic Year Programs have been distributed through intramural mail. The deadline dates for the return of these forms are April 30 for the Summer, 1980 program, June 13 for the 1980-1981 Academic Year Program, and April 30 if you are submitting for both the summer and the academic year programs. Should you not have received either of these forms but wish to employ work-study students for one program or the other, please call or write to the Student Employment Office, 206 Logan Hall/CN, Ext. 6966.

Any on-campus employer who would like to hire students independently from the work-study program this summer should contact Job Referral Service, 207 Logan Hall/CN, Ext. 7539. Job Referral Service is a student-run service which aids non-work-study students to find employment both on- and off-campus.

Sadie Alexander Honored



Mrs. Sadie Alexander received the Law School's Distinguished Service Award during Law Alumni Day ceremonies Tuesday. In 1921, Alexander became the first black woman in the United States to earn a doctorate when she was awarded a Ph.D. in economics by the University. She later became the first black woman to earn her law degree from the University and the first admitted to practice by the Pennsylvania Bar Association.

The Award is given to distinguished alumnus or faculty member of the Law School whose work indicates great integrity and social responsibility. Alexander has worked actively for civil rights throughout her life. She served as an advisor on civil rights to both Presidents Truman and Kennedy. She presently serves on the National Council of the American Civil Liberties Union and the American Committee on Africa. She was recently appointed by President Carter to chair a White House Committee on Aging in 1981.

Locally, Alexander served on the Philadelphia Commission on Human Relations and now works with the Philadelphia Youth Study Center. She began her legal career as assistant city solicitor for Philadelphia for two years and then entered private practice. Alexander only recently gave up her full-time legal work to fulfill her plans to write a book.

For the Record

Promotions

The following PROMOTIONS were approved by the trustees between December 5, 1979-February 21, 1980. They are based on actions taken by the Provost's Staff Conference. A bullet (•) before a standing faculty name indicates that the faculty member received tenure. Under the listings for promotions in secondary appointments, primary appointments appear within parentheses. For a description of the structure of the academic staff and definitions of standing and associated faculty, refer to the 1979 'Handbook for Faculty and Administration,' p. 23-26.

Annenberg School of Communications

Standing Faculty

Dr. Klaus H. Krippendorff to professor of communications.

School of Dental Medicine

Associated Faculty

Dr. Neil L. Moscow to clinical assistant professor of pedodontics in the department of orthodontics/pedodontics.

Dr. Philip Siegel to clinical assistant professor of orthodontics/pedodontics.

School of Engineering and Applied Science

Standing Faculty

Dr. C. Nelson Dorn to professor of systems engineering.

Faculty of Arts and Sciences

Standing Faculty

Dr. David P. Balamuth to professor of physics.

Dr. Diana Crane to professor of sociology.

Dr. Frank F. Furstenberg, Jr. to professor of sociology.

Dr. Thomas C. Lubensky to professor of physics.

Dr. Larry G. Sneddon to associate professor of chemistry.

Medical School

Standing Faculty

Dr. Marvin E. Steinberg to professor of orthopedic surgery.

Associated Faculty

Dr. David G. Cook to clinical associate professor of neurology.

Dr. David F. Dinges to clinical assistant professor of psychology in psychiatry.

Dr. Mitchell L. Fromm to clinical assistant professor of pediatrics.

Dr. Roy L. Gordon to adjunct assistant professor of radiology.

Dr. Herbert Y. Kessell to associate professor of radiology at HUP.

Dr. Igor Laufer to professor of radiology at HUP.

Dr. William Waid to clinical assistant professor of psychology in psychiatry.

School of Veterinary Medicine

Associated Faculty

Dr. Wilbur B. Amand to associate professor of zoological medicine.

Wharton School

Standing Faculty

Dr. Morris Cohen to associate professor of decision sciences.

Appointments

Following are APPOINTMENTS approved by the trustees between December 5, 1979-February 21, 1980. They are based on actions taken by the Provost's Staff Conference. A bullet (•) before a standing faculty name indicates that the faculty member achieved tenure. Under the listings for secondary appointments, the primary appointment appears within parentheses. For a description of the structure of the academic staff and definitions of standing and associated faculty, refer to the 1979 'Handbook for Faculty and Administration,' pp. 23-26.

Graduate School of Education

Standing Faculty

Dr. Bambi Schieffelin, assistant professor of education.

Faculty of Arts and Sciences

Standing Faculty

Dr. James P. Bennett, assistant professor of regional science.

Dr. Arthur E. Dunham, assistant professor of biology.

Dr. Kathryn McMahon, assistant professor of romance languages.

Dr. Gary A. Tomlinson, assistant professor of music.

Dr. Robert S. Wachbroit, assistant professor of philosophy.

Graduate School of Fine Arts

Associated Faculty

Aldo van Eyck, the Paul Philippe Cret adjunct professor of architecture.

Law School

Standing Faculty

Virginia Kerr, assistant professor of law.

Medical School

Standing Faculty

Dr. Jay Amsterdam, assistant professor of psychiatry.

Dr. Elizabeth P. Blankenhorn, assistant professor of pathology.

Dr. Joel E. Frader, assistant professor of pediatrics.

Dr. Joseph A. Franciosa, associate professor of medicine.

Dr. Anthony S. Jennings, assistant professor of medicine.

Dr. Charles P. Kimmelman, assistant professor of otorhinolaryngology and human communication.

Dr. Donald B. Martin, professor of medicine.

Dr. Irving M. Raber, assistant professor of ophthalmology.

Dr. David Reiter, assistant professor of otorhinolaryngology and human communication.

Associated Faculty

Dr. George S. Ahtaridis, assistant professor of medicine at the Graduate Hospital.

Dr. James G. Colsher, research assistant professor of neurology.

Dr. Stephen Frost, clinical assistant professor of medicine.

Dr. William G. Kussmaul, III, clinical assistant professor of medicine.

Dr. Edward R. Lucente, assistant professor of anesthesia at the Presbyterian-University of Pennsylvania Medical Center.

Dr. Roger A. Moore, assistant professor of anesthesia at Deborah Heart and Lung Center.

Dr. Anthony D. Morrison, adjunct professor of ophthalmology.

School of Public and Urban Policy

Standing Faculty

Dr. Kriss A. Sjoblom, assistant professor of public policy analysis.

(continued on page 10)

For the Record

(continued from page 9)

Associated Faculty

Dr. Inja Paik, research associate professor.

Wharton School

Standing Faculty

Dr. Leslie Spero, assistant professor of accounting.

Leaves

The following LEAVES were approved by the trustees between December 5, 1979-February 21, 1980. Editor's note: Individual faculty members sometimes reschedule their leaves after formal approval, and this may not be reflected in the listing below.

Leaves of Absence

Graduate School of Education

Standing Faculty

Dr. Charles E. Dwyer, associate professor of education, a scholarly leave of absence for the academic year 1980-81.

Faculty of Arts and Sciences

Standing Faculty

Dr. Dan Ben-Amos, professor of folklore and folklife, a scholarly leave of absence for the academic year 1980-81.

Dr. William H. Davenport, professor of anthropology, a scholarly leave of absence for the spring term 1981.

Dr. Peter J. Freyd, professor of mathematics, a scholarly leave of absence for the academic year 1980-1981.

Dr. Murray Gerstenhaber, professor of mathematics, a scholarly leave of absence for the fall term 1980.

Dr. Henry L. Glassie, professor of folklore and folklife, for the fall term 1980.

Dr. Judah Goldin, professor of post-biblical Hebrew literature of Oriental studies, a scholarly leave of absence for the spring term 1981.

Dr. Kenneth S. Goldstein, professor of folklore and folklife, a scholarly leave of absence for the spring term 1981.

Dr. Werner Gundersheimer, professor of history, a scholarly leave of absence for the spring term 1981.

Dr. Edwin T. Haelele, professor of political science, a scholarly leave of absence for the academic year 1980-81.

Dr. Robert M. Hartwell, professor of history, a scholarly leave of absence for the academic year 1980-81.

Dr. Thomas P. Hughes, professor of history and sociology of science, a scholarly leave of absence for the fall term 1980.

Dr. Madeleine Joulie, professor of chemistry, a scholarly leave of absence for the fall term 1980.

Dr. Barbara Kirshenblatt-Gimblett, associate professor of folklore and folklife, a scholarly leave of absence for the academic year 1980-81.

Dr. Samuel Z. Klausner, professor of sociology, a scholarly leave of absence for the fall term 1980.

Dr. Marjorie Levinson, assistant professor of English, a scholarly leave of absence for the academic year 1980-81.

Dr. John W. McCoubrey, professor of art history, a scholarly leave of absence for the academic year 1980-81.

Dr. Eitan Muller, assistant professor of economics, continuation of a leave of absence for employment elsewhere for one year beginning January 1, 1980.

Dr. Almarin Phillips, professor of economics, law and public policy, a leave of absence for employment elsewhere, for the spring term 1980.

Dr. Gerald J. Porter, professor of mathematics, a scholarly leave of absence for the spring term 1981.

Dr. Henry Primakoff, Donner professor of physics, a scholarly leave of absence for the academic year 1980-81.

Dr. Ruben E. Reina, professor of anthropology, a scholarly leave of absence for the fall term 1980.

Dr. James L. Rosier, professor of English, a scholarly leave of absence for the spring term 1981.

Dr. Shoichiro Sakai, professor of mathematics, a continuation of a leave of absence for employment elsewhere for the academic year 1980-81.

Dr. Robert Shiller, associate professor of economics, a scholarly leave of absence for the academic year 1980-81.

Dr. Franklin C. Southworth, professor of South Asia

regional studies, for the academic year 1980-81.

Dr. Henry Teune, professor of political science, for the spring term 1980.

Dr. Herbert Wilf, professor of mathematics, a scholarly leave of absence for the fall term 1980.

Dr. Thomas H. Wood, professor of physics, a scholarly leave of absence for the fall term 1980.

Other Leaves

Faculty of Arts and Sciences

Dr. Hennig Cohen, the John Walsh Centennial professor of history and English literature, a scholarly leave of absence for the spring term 1980.

Dr. Richard A. Easterlin, the William R. Kenan, Jr. professor of economics, a scholarly leave of absence for the academic year 1980-81.

Dr. Renee C. Fox, the Annenberg professor of social sciences, a leave of absence for employment elsewhere for the fall term 1980.

Dr. Hiroshi Miyaji, associate professor of Oriental studies, a scholarly leave of absence from September 1, 1980 to August 31, 1981.

Law School

Mr. Alexander M. Capron, a leave of absence for employment elsewhere for two years effective July 1, 1980.

Medical School

Dr. John P. Brady, professor of psychiatry, a scholarly leave of absence from September 1, 1980 to February 28, 1981.

Dr. Ronald P. Daniele, associate professor of medicine and associate professor of medicine in pathology, a scholarly leave of absence for one year beginning July 1, 1980.

Dr. John Flick, associate professor of microbiology, a scholarly leave of absence for one year beginning March 15, 1980.

Dr. Lorne Houten, associate professor of research, medicine, a leave of absence for employment elsewhere, for one year beginning July 1, 1979.

Dr. George R. Huggins, associate professor of obstetrics and gynecology, a scholarly leave of absence for one year beginning September 1, 1980.

Dr. Patrick B. Storey, professor of medicine, a scholarly leave of absence for one year beginning July 1, 1980.

Dr. Saul Winegrad, professor of physiology, a scholarly leave of absence for one year beginning July 1, 1981.

School of Nursing

Standing Faculty

Ms. Melissa Brown, associate, a leave of absence for personal reasons for the academic year 1979-80.

Wharton School

Standing Faculty

Dr. Mark Flannery, assistant professor of finance, a leave of absence for employment elsewhere from January 1980 to August 31, 1980.

Dr. Howard Kunreuther, professor of decision sciences, a scholarly leave of absence for the academic year 1980-81.

Dr. Charles Perry, associate professor of management, a scholarly leave of absence for the spring term 1981.

Dr. Virginia E. Schein, associate professor of management, a leave of absence for personal reasons, for the spring term 1980.

Dr. Leslie L. Spero, assistant professor of accounting, a leave of absence for employment elsewhere for the spring term 1980.

Secondary Appointments

The following SECONDARY APPOINTMENTS were approved by the trustees between December 5, 1979 and February 21, 1980.

School of Dental Medicine

Dr. Richard Warner (assistant professor of philosophy) in oral medicine.

Graduate School of Education

Dr. Philip G. Mechanick (professor of psychiatry) as professor of education.

Dr. Robert M. Zemsky (associate professor of American civilization) as associate professor of education.

Faculty of Arts and Sciences

Dr. Richard Kihlstrom (professor of finance) in economics.

Medical School

Dr. Alfred Bongiovanni (professor of pediatrics) as professor of pediatrics in obstetrics and gynecology.

Dr. Christian J. Lambertsen (professor of pharmacology and experimental therapeutics) as professor of pharmacology and experimental therapeutics in medicine.

Dr. David Pleasure (professor of neurology) as professor of orthopedic surgery and professor of pediatrics.

Dr. Karl Rickels (the Stuart and Emily B.H. Mudd professor in human behavior and reproduction and professor of psychiatry) as professor of pharmacology.

Dr. Donald Silberberg (professor of neurology) as professor of ophthalmology.

Dr. Kwan D. Tsou (associate professor of chemistry in surgical research) as associate professor of pharmacology.

Dr. Herbert Wallace (professor of surgery) as professor of surgery in physiology.

Dr. Eric S. Weinberg (associate professor of biology) as associate professor of biology in human genetics.

Dr. Myron Yanoff (the William E. Norris and George E. DeSchweinitz professor of ophthalmology) as professor of pathology.

School of Veterinary Medicine

Dr. Norman Stoller, to associate professor of periodontics in clinical studies.

Wharton School

Dr. John C. Hershey (associate professor of decision sciences) in health care systems.

Dr. Peter Linneman (assistant professor of finance) in the public management unit.

Mr. Robert H. Mundheim (Fred Carr professor of financial institutions in the law school) as professor of finance.

Afghan Relief Organized

Members of the University's Muslim Students Association, in coordination with their national body, have organized a drive to help refugees fleeing Afghanistan in the aftermath of the Soviet invasion.

As part of a nationwide campaign, an "Afghan Relief Fund" has been formed which is now accepting donations of money and clothing to be airlifted directed to refugee camps in Pakistan. Funds are desperately needed, and donations are tax deductible.

The refugees, living under horrible conditions in makeshift camps, also need blankets, warm winter clothes, and shoes.

The local chairman of this national committee is Jamal Mimouni, a University graduate student. He can be reached at 222-6709. Checks should be made out to "Afghan Relief Fund" and clothing items can be taken directly to the home of Jawaid Abdulghani, at 4744 Larchwood St. He can be reached at 727-1261.

Opportunities

The following listings are condensed from the personnel office's bulletin of April 10. Because of the delay occasioned by printing schedules, these listings should not be considered official. Some positions may no longer be available.

Bulletin boards at several campus locations list full job descriptions. New listings are posted every Thursday. Bulletin board locations are: Franklin Building: outside personnel office, Room 130; Towne Building: mezzanine lobby; Veterinary School: first floor, next to directory; Leidy Labs: first floor, outside Room 102; Anatomy-Chemistry Building: near Room 358; Rittenhouse Lab: east staircase, second floor; LRSM: first floor, opposite elevator; Johnson Pavilion: first floor, next to directory; Logan Hall: first floor, near Room 117; Social Work/Caster Building: first floor; Richards Building: first floor, near mailroom; Law School: Room 28, basement; Dietrich Hall: first floor, outside E-108.

For further information, call personnel services, Ext. 7285. The University is an equal opportunity employer. Where qualifications include formal education or training, significant experience in the field may be substituted. The two figures in salary listings show minimum starting salary and maximum starting salary (midpoint). Some positions listed may have strong internal candidates. If you would like to know more about a particular position, please ask at the time of the interview with a personnel counselor or hiring department representative. Openings listed without salaries are those in which salary is yet to be determined.

Administrative/Professional

Accountant I (2 positions) \$10,375-\$14,375.
Assistant Director (2831).
Assistant Director (02933) \$12,900-\$17,850.
Assistant Director Annual Giving II (2870) \$14,850-\$20,550.
Assistant Director Dining Service Administration (2957) \$12,900-\$17,850.
Assistant Director of Residential Living (02912) \$11,250-\$15,850.
Assistant Director of Utilities (2789) \$18,625-\$26,250.
Associate Development Officer III (2541) \$18,625-\$26,250.
Associate Director of Athletics (2710) \$21,450-\$30,225.
Building Supervisor (2945) oversees, coordinates, and assures delivery of maintenance, utility, housekeeping, mail shipping/receiving and other non-clerical support services in large laboratory complex; February through June (B.S. in engineering or related background preferred) \$12,900-\$17,850.
Business Administrator I (2 positions) \$10,375-\$14,375.
Career Counselor (2631) \$12,900-\$17,850.
Data Communication Administrator (2 positions) (02930) \$21,450-\$30,225; (2959) \$14,850-\$20,550.
Data Production Operations Manager (2894) \$16,125-\$22,725.
Deputy Director (02651).
Director (02923) \$28,325-\$39,950.
Director of Admissions and Financial Aid (2798) \$16,125-\$22,725.
Director Program (B0318) coordinates and directs the educational and administrative activities of the Emergency Nurse Training Program (M.A.; teaching and educational administrative experience; community health/emergency services) \$14,850-\$20,550.
Director Upperclass Admissions (2752) \$12,900-\$17,850.
Editor (2905) \$16,125-\$22,725.
Electrical Engineer I (B0306) \$11,250-\$15,850.
Foreman, Repair and Utility (2689) \$12,900-\$17,850.
Heating/Ventilating Instrumentation Control Foreman (2790) \$12,900-\$17,850.
Junior Research Specialist (4 positions) \$10,375-\$14,375.
Junior Research Specialist (B0329) routine laboratory work; cell culture; atomic absorption spectroscopy; handling pipettes, hamilton syringes; makes up solution, titrations, basic calculations (molarity, osmolality);

problem solves and directs investigation of specific projects, radioisotope methods (college degree in a science major; laboratory experience) \$10,375-\$14,375.
Librarian I (2767) \$11,250-\$15,850.
Manager of Operations (02949) \$10,375-\$14,375.
Production Manager, Dining Service (02932) \$12,900-\$17,850.
Programmer Analyst II (2 positions) \$14,850-\$20,550.
Project Manager (3 positions) \$16,125-\$22,725.
Regional Director of Admissions (2592) \$14,850-\$20,550. No longer accepting applications.
Research Specialist I (4 positions) \$11,250-\$15,850.
Research Specialist III (2 positions) \$14,850-\$20,550.
Research Specialist IV (B0223) \$18,625-\$26,250.
Senior Systems Analyst \$16,125-\$22,725.
Superintendent of Construction and Repairs (2690) \$14,850-\$20,550.
Supervisor, Mechanical Systems (2791) \$14,100-\$17,850.
Supervisory Herdsman (B0308) \$9,125-\$11,675.

Part-Time Positions in Administrative/Professional

Permanent Employee (B0290) Hourly wages.
Temporary Extra-Person (B0288) Hourly wages.

Support Staff

Accounts Payable Clerk (2 positions) \$7,425-\$9,450.
Administrative Assistant I (3 positions) \$7,975-\$10,150.
Administrative Assistant I (2967) manages small office and staff, conferences and meetings; oversees publications and budget (college degree preferred; 50 wpm typing) \$7,975-\$10,150.
Administrative Assistant II (B253) \$7,975-\$10,150.
Admissions Assistant (2 positions) (2877) \$8,625-\$10,950; (2889) \$7,975-\$10,150.
Animal Laboratory Technician (B319) provides for care and exercise of animals; maintains cages, animal supplies, equipment (1 year experience; elementary school, high school preferred) Union wages.
Assistant Computer Terminal Operator (2958) \$7,425-\$9,450.
Assistant Teacher (B302) \$7,425-\$9,450.
Bookstore Clerk (2 positions) \$5,500-\$7,000.
Clerk II (2955) \$6,375-\$8,100.
Clerk III (2880) \$6,875-\$8,750.
Clerk IV (B259) \$7,425-\$9,450.
Coordinating Assistant II (B294) \$10,000-\$12,725.
Custodian (3 positions) Union wages.
Electrician I (2794) Union wages.
Electron Microscope Technician II (A913) \$9,650-\$12,225.
Engineer (2854) Union Wages.
Executive Secretary to the Vice President \$10,000-\$12,725.
Herdsman I (B90) \$5,500-\$7,025.
Histology Technician (B284) \$7,575-\$9,600.
Junior Accountant (2960) \$7,975-\$10,150.
Junior Programmer (B287) \$6,875-\$8,750.
Library Clerk (2919) Union wages.
Manager of Rathskellar (B310) Hourly wages.
MCST Operator (2482) \$7,425-\$9,450.
Medical Receptionist (3 positions) \$6,875-\$8,750.
Office Automation Editor (2930) \$7,975-\$10,150.
Project Budget Assistant (2 positions) \$7,975-\$10,150.
Project Budget Assistant (2947) tabulates operational data; types reports; reconciles monthly summaries of accounts; prepares PAF forms and journal vouchers (typing; bookkeeping/accounting experience; familiarity with University operations) \$7,975-\$10,150.
Receptionist (B242) \$5,900-\$7,525.
Records Assistant (2939) \$7,975-\$10,150.
Research Laboratory Technician I (A971) \$7,575-\$9,600.
Research Laboratory Technician II (2 positions) \$8,575-\$10,850.
Research Laboratory Technician II (B330) tissue culture of fibroblasts, isolation of cells; column chromatography; radioisotopes; chemical assays (blood cell separation and venipuncture experience; tissue culture techniques) \$8,575-\$10,850.

Research Laboratory Technician III (11 positions) \$9,650-\$12,225.
Residence Hall Clerk (2873) \$5,570-\$7,088.
Secretary I (1 position) \$6,375-\$8,100.
Secretary II (13 positions) \$6,875-\$8,750.
Secretary III (14 positions) \$7,425-\$9,450.
Secretary IV (2901) \$8,625-\$10,950.
Secretary Medical/Technical (8 positions) \$7,975-\$10,150.
Secretary/Technician, Word Processing (2 positions) \$7,975-\$10,150.
Store Cashier (2928) \$5,900-\$7,525.
Technician Physical Laboratory II (B-0169) \$8,575-\$10,850.

Sixteen part-time support staff positions are listed on campus bulletin boards.

Anderson on Campus

(continued from page 1)

percent of the increase. Accelerated depreciation would also contribute to productivity. Anderson also expressed a belief that equity sharing plans for employees would encourage growth and productivity.

Anderson issued a cautious position on nuclear power. He adopted the Nuclear Regulatory Commission's report in favor of a moratorium on all new licenses until the NRC's recommendations can be instituted as regulations and implemented. He insisted that an appropriate waste management program would be necessary.

Anderson's program has been gaining momentum from student support throughout the country. The liberal Republicans, independent voters and dissatisfied Democrats comprise the "new political coalition" which was the base of Anderson's unexpectedly strong showing in the Massachusetts and Vermont primaries.

"I refuse to believe that the only choice Americans will have is between two ex-governors," Anderson said of the November election, referring to Carter and Reagan.

"I hope very much next Tuesday there will be a strong indication coming out of Pennsylvania that there is another choice," said Anderson. While Anderson is not officially on the April 22 primary ballot, he is requesting supporters vote for him as a write-in.

During the press conference, he referred to a poll which indicated that 58 percent of those polled were dissatisfied with either Carter or Reagan. Consequently, Anderson believes that the nominating process is flawed.

He wants a "dramatic affirmation that people want an alternative to Ronald Reagan," and if Friday's turnout was indicative of things to come then there probably will be an alternative, John Anderson.

—M.F.M.

Miselis Named ACE Fellow

Karen L. Miselis, vice-dean and director of academic advising and records in FAS, was named a fellow by the American Council on Education (ACE) in its program in academic administration.

Established in 1964, the program is designed to strengthen leadership in American higher education by identifying and preparing faculty and staff for responsible positions in academic administration.

Thirty-five fellows, nominated by the presidents or chancellors of their institutions, are selected each year in a national competition. There were 130 nominations for the 1980-81 class.

Miselis is a graduate of Tufts University and earned a doctorate in French literature at the University in 1977. She is now studying part-time toward a masters degree in business administration at the Wharton School.

In addition to her administrative responsibilities, which include supervising the advising, registration and records of 5,500 undergraduate students in the arts and sciences, Miselis is a lecturer in the department of Romance languages and literature. She is also active in informal community and school groups in West Philadelphia. Miselis will take a leave of absence during the next academic year to participate in the ACE Fellows Program.

Most ACE Fellows are assigned to a college or university president and chief academic officer to participate in administrative activities. Fellows attend three-week seminars on the problems of academic administration, read extensively in the field, produce an analytical report, and engage in other activities to prepare them for administrative careers in higher education.

Diane Dale, a masters degree candidate in landscape architecture, was named a winner of a Fulbright Award to study architecture in Italy next year. Dale will attend the University of Genoa; her research will include environmental planning in the Ligurian region outlying Genoa with particular concern for the depopulated medieval hill towns.

Dr. Carlo M. Croce was appointed Institute professor and associate director of the Wistar Institute of Anatomy and Biology. A native of Milan, Italy, Croce served as an intern in biochemistry in the department of medicine at the University of Rome. From 1967 to 1969, he specialized in experimental medicine and received his M.D. in 1969.

He joined the Wistar Institute as an associate scientist in 1970 and became a member of the permanent staff in 1971. His major research interests are somatic cell genetics and tumor virology.

Edward K. Morlok, UPS Foundation Professor of Transportation, in the civil and urban engineering department, was named the recipient of the Senior U.S. Scientist Award by the von Humboldt Foundation of West Germany. Morlok was cited for his accomplishments in research and teaching.

His research has concentrated on planning regional transportation systems and on national policy. His work on transportation network analysis has led to computerized methods to predict the usage, benefits and costs of new transport facilities.

Morlok received his undergraduate degree from Yale University in 1962 and completed his doctorate from Northwestern University in 1967. He worked for the Northeastern Corridor Transportation Project planning the Metroliner service, and for the Port of New York Authority and the New York Central Railroad. He joined the University faculty in 1973.

Dr. Colin E. Harvey, associate professor of surgery and head of small animal surgery at the School of Veterinary Medicine was awarded an American Animal Hospital Association Foundation research grant to investigate laryngeal function and healing following peroral laryngeal surgery.

Professor Samuel D. Bedrosian, chairman of the systems engineering department, was appointed visiting Distinguished Professor of Electrical Engineering occupying the NAVELEX Research Chair for 1980-81 academic year at the Naval Postgraduate School in Monterey, Cal.

Alfred P. Fishman, William Maul Measey Professor of Medicine and Director of the Cardiovascular-Pulmonary Division and Lung Center, has left for People's Republic of China as one of a five-member team from the National Heart, Lung and Blood Institute. The visit, under the aegis of the State Department and World Health Organization, is intended to further cooperative health activities between the two countries.

Essay Contest Announced

The Faculty of Arts and Sciences announces a \$1,000 prize to be awarded by the Colonial Society of Pennsylvania for an essay of less than 10,000 words, authored during the past two years, on some important continuing cultural pattern originating in the colonial era. (For this competition, the colonial era is considered to have ended by 1783.) The competition is open to all graduate students in the arts and sciences. The deadline is September 30, 1980. For more information contact Jan Brodie (Ext. 7320), FAS Dean's Office, 116 College Hall/CO.

Joan Mondale Visits "Urban Encounters"



Joan Mondale, the Carter administration's "arts advocate," says that more money should be directed towards individual grants to individual artists to encourage their work.

The wife of the Vice President toured the *Urban Encounters* exhibit on public art at the Institute of Contemporary Art last Friday. ICA director Janet Kardon escorted Mondale through the multi-media show.

Mondale said the public won't allow politicians to neglect the arts at budget time. She said that even in California—where voters want to drastically reduce spending—they want to continue funding the arts, public parks, recreation and public libraries.

"I think the arts have an increasingly strong and vocal constituency and they are making their wishes known. They are letting the people who do the budget cutting know the value of the arts in each community," Mondale said.

"Joan of Arts" said that she is pleased with women artists who have a grand scale concept, such as Athena Tacha whose work is on exhibit at ICA. Mondale indicated that women are now receiving greater representation among recipients of federal grants than in the past. She also pointed out that more than 20 of the 45 artists who are exhibiting at the Venice Biennale are women.

Mondale, the author of *Politics in Art*, a book exploring the link between modern art and politics, made it clear that she was delighted to be in Philadelphia for both art and politics. "I'd like my husband to keep his job," she said, "so I can do mine, pushing the arts."

—M.F.M.