

Almanac

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Dr. Michelle Fine

Goldie Anna Chair at GSE: Dr. Michelle Fine

Dr. Michelle Fine, associate professor of psychology in education, has been named to the Graduate School of Education's new Goldie Anna Chair, awarded to the School by the Goldie Anna Charitable Trust of New York through the efforts of its co-trustees Kenneth L. Stein, a Wharton alumnus, and Julius Greenfield. It provides \$50,000 a year for the five years to further Dr. Fine's work in restructuring Philadelphia's comprehensive high schools, recognizing both her achievements and GSE's commitment to partnerships with public education, Dean Marvin Lazerson said.

A winner of GSE's teaching award in 1985 and the all-University Lindback Award for Distinguished Teaching in 1987, Dr. Fine also received the 1987 Educational Press Award for excellence in educational journalism. A frequent expert witness on discrimination nationwide and a prolific writer with

over 120 articles, monographs and papers, she is co-author of *Social Experiments: Methods for Design and Evaluation* (Sage, 1981), co-editor of *Women with Disabilities: Essays in Psychology, Culture and Politics* (Temple, 1988), and author of a forthcoming book, *Telling Tales Out of School*.

Dr. Fine, who took her B.A. in psychology from Brandeis and her M.A., M.Phil. and Ph.D. in psychology from Teacher's College, Columbia, joined Penn in 1981 after teaching at St. Peter's College and the New School for Social Research. She also teaches in the Women's Studies Program and in the joint GSE-Law School sequence on critical issues and choices in public education.

Now on part-time leave from GSE as a member of the Philadelphia Schools' Collaborative, Dr. Fine is described by the Dean as "one of the most exciting education professors in the country, combining a keen intellect with a passion for social justice—and one of the finest teachers in the University."

She is also called by Dr. Peter Kuriloff, chair of the Psychology in Education Division of GSE, "one of the outstanding young social psychologists in the country. She brings a keen critical intelligence to the analysis of the most pressing levels of social injustice. Her work examines the necessary conditions for people to feel fairly treated, the social construction of disability, the problems of high school dropouts... she brings a level of energy, an enthusiasm and a rare originality which sweeps up students and colleagues alike in collective efforts. In this she embodies much that professors might aspire to in mentoring and in collaborative research."

The Philadelphia Schools Collaborative's Director Janis Somerville praised "the rare combination of advocate-critic. In Michelle Fine we have both the eloquent teacher able to engage other teachers in revolutionizing their own work, inspiring change from within, and the scholar who can profoundly influence social policy through impeccable research and writing. Her work has a breadth, depth and authenticity that I believe can alter public education and its position in the society in our time."

Funds from the Goldie Anna Chair will be used to work on two specific questions identified by Dr. Fine from her work with the Collaborative: How to move from hierarchy to shared decision-making (a "biography" of the process of power-sharing between and among faculty and administrators of the Philadelphia comprehensive schools, to be done with graduate students, public school teachers and administrators, and union representatives); and what to do for the high numbers of "overage" ninth-graders put back earlier and now "...too old, too tall, don't feel good about themselves academically... and have an extraordinarily high dropout rate."

Animals in Research: DHHS and iiFAR Take Positions

Friday at a press conference on the eve of a demonstration against the use of animals in research at the School of Veterinary Medicine, spokesmen for the University were joined by those of the U.S. Department of Health and Human Services and a new organization called iiFAR (Incurably Ill for Animal Research) in opposing the extreme position in animal rights which calls for an end to all use of animals in human health research.

The demonstration Saturday, called by People for the Ethical Treatment of Animals, drew crowds variously estimated between 100 and 200, many carrying signs protesting the work of Dr. Adrian Morrison. An estimated 25 counterdemonstrators also appeared.

At the press conference, Vice Provost Barry Cooperman reiterated Penn policy and safeguards, the latter spelled out in detail by Dr. Harry Rosmiarek, director of the program of laboratory animal care here. Two leading Penn researchers, Dr. Robert Barchi and Dr. Aron Fisher, supported precautions used with laboratory animals as well as listing breakthroughs in polio, diphtheria, smallpox, control of mental depression through lithium, and the hope of conquering Alzheimer's, Parkinson's and congenital heart defects through present research that involves laboratory animals. Leonard Koch, a diabetic who is national chairman of iiFAR, said "I am alive today because of research done with animals....I am angry as hell at the activists. What right do they have to break into facilities?"

Dr. Stephen Paul of the National Institutes of Mental Health delivered a position statement by Dr. James O. Mason, U.S. Assistant Secretary for Health, and Dr. Frederick E. Goodwin, Administrator of the Alcohol, Drug Abuse and Mental Health Administration, which read:

The burglary and ransacking of Dr. Adrian Morrison's offices at the University of Pennsylvania on January 14 is but the latest of a growing number of illegal and inexcusable acts of violence against the nation's biomedical research enterprise, perpetrated by misinformed and misguided animal rights activists. As a nation, we must make clear that we simply will not tolerate such acts of intimidation, harassment, and vandalism against researchers who are employing animal studies to understand disease, and to improve the health of both animals and humans.

Without animal research, we could not have made the tremendous strides in the improvement of the Nation's health that have marked the last several decades. Nor would we be able to continue to make rapid progress today, against such ailments as Alzheimer's disease, mental illness and drug addiction.

The scientific agencies of the U.S. Public Health Service recognize the importance of humane stewardship of all animals, particularly those used in furtherance of health science goals. We assign high priority to ongoing efforts to reduce the numbers of animals used in federally-funded research; to refine research-related procedures in order to minimize discomfort, stress, and pain experienced by animal research subjects; and to replace animal models, when feasible, with alternative procedures, including computer models of basic biological processes and use of tissue cell cultures. While alternative approaches in current use have unique strengths and weaknesses, and while understanding of human pathologies will be most effectively advanced by the continued application of a combination of approaches, animal models remain essential because they are the best paradigms for man.

The Department of Health and Human Services will continue to support appropriately designed and conducted animal research.

Annual Meeting of the
Faculty Senate
Wednesday, April 18, 1990
3 to 5:30 p.m. o 200 College Hall

Speaking Out

Animal Rights

I read with interest Dr. Davies' article in the January 23rd *Almanac*, and agree with him and other University administration that the act committed against Dr. Morrison should not be tolerated.

Violence will never be the answer to stopping the problem of animal abuse. It just gives those of us who really care about animals a bad name.

For the record, I want the University community to know that there are many of us working within the system to stop animal abuse in all forms, not just instances involving medical research. Most animal rights organizations do not use break-ins and burglaries to get their message across. All major universities, not just Penn, still use animals for research, and the constant concern is that these animals are being treated humanely.

Perhaps what we need is a better working relationship between all universities and organizations that are trying to protect animals. My only knowledge of how this University feels about animals is the bulletin board in the lobby of Blockley Hall showing one-sided publications on why animal research is still necessary, some of which is misleading to the general public. Those of us who care about animals find this type of advertising by our University to be offensive.

In the end, we will all have to make our own decision. I only hope that at the very least our society one day begins to treat those creatures who have no voice with more compassion.

—Julie Schilling,

Business Manager, University Press

Time To Get Rid of Tenure?

The recent Supreme Court decision [*Almanac January 16*] on the inspection of documentation in evaluation of tenure decisions raises a more basic issue than either academic freedom or classification of information under the First Amendment. To me the underlying principle which the court did not address is the question of tenure.

It is time that faculty and academic institutions face up to whether the principle of tenure is an issue whose day has passed. We might be looking through the wrong end of the academic telescope.

Along with the need to provide outstanding academic and scholarly research capabilities in the institutions, a fundamental requirement in academic endeavor is *teaching*. Insufficient concern is given to that basic responsibility of our educational institutions.

Several months ago I addressed this issue in a talk before the Wharton Club of Washington and would like to adapt this statement to commence a dialogue on the value and need for tenure to provide and retain good teachers as well as outstanding researchers. There may be options

other than tenure which might provide similar results for the student and the academic institution.

—William Zucker
*Meshulam Riklis Professor
Emeritus of Creative Management*

Excerpts from October 26 Talk

A number of education scholars have wondered whether the skills which make for success in school are related to success later in life. Or, for that matter, whether the converse is true. Albert Shanker, President of the American Federation of Teachers, once humorously suggested that in the view of some, what it took for students to succeed academically was the ability to sit still for long periods of time, learn by listening, think abstractly, and not talk to anyone around them. Imagine, if you please, operating that way in a business environment. If someone in a job is having trouble with a problem, common sense says: Ask a colleague for help. Schools call that cheating.

I think that students have a right to discover where they are strong, and schools have an obligation to help them develop these skills from a mix of books, lectures, cases, written reports, and hands-on experiences. There is no one best way to teach.

Most people not connected with academia expect universities to be teaching institutions. And when they send their children there they expect them to be taught. But the institutions and the faculty might think differently and have a different agenda, and emphasize the principle of "publish or perish."

Without publishing in a scholarly journal, the faculty member gives no proof of his or her research capabilities and adds little to the institution's research focus. As a result, that individual does not receive an appointment, promotion, or tenure.

In 1987, scholarly journals in this country alone published 215 articles on John Milton, 132 on Henry James, and 554 on William Shakespeare. In the Middle Ages, savants wrote and argued about how many angels can dance on the head of a pin. This latter now appears to us frivolous, but in today's context, how many more new concepts can be learned from yet another scholarly look at Shakespeare?

We all know instances where good teaching can hinder a career. Two winners of Harvard's Outstanding Teaching Awards in 1986 and 1987 were rejected for tenure. And that has occurred elsewhere, even at Penn. and within Wharton. Unquestionably, every university wishes to be recognized as a scholarly and research-oriented institution. But it behooves the faculty to have a commitment to good teaching. The attitude of some faculty members, unfortunately, is that, "This would be a great place if you could only get rid of the students."

There is a gap between the research/

academic interest of the faculty and the need to provide business school undergraduates and graduates with good teaching. Can that gap be bridged so that the students will learn the practices and strategies of those areas which will make them better business professionals?

Medical schools appoint clinical faculty who are there to teach the pragmatics of medical diagnosis and treatment.

Dean Russell Palmer has been concerned with the issue of excellent teaching. He has emphasized this need. He has raised money for faculty appointments of younger personnel whose principal function is to teach. But the specter of tenure hangs like a dark cloud over the groves in academe.

In now making my suggestion, I'll be as welcome in the academic fraternity as a skunk in a garden party. I say, abolish tenure. Make all faculty appointments on a preliminary five-year appointment, and then, based on teaching, commitment to university affairs, and research, give that person a ten-year contract which then can be renewed for a five or ten-year contract period. Thus, by giving credence to factors other than publishing, there will be an emphasis upon teaching. Indeed, faculty members are closely scrutinized during selection, but there is little assessment after they are granted tenure.

Perhaps education as we know it is at the end of its life cycle. Dean Palmer in his 6-1/2 years has done an incredible job in taking steps to make Wharton's education a preeminent one. I hope that what the Dean has accomplished will be the foundation for further growth and progress at Wharton.

Clemenceau, during World War I, declared that "War is too important to be left to the generals." I would paraphrase his comment to the effect that, "Education is too important to be left to the teachers."

Let's not be put off by claims that "It can't be done." "Can't" is a myth whose real name is "won't."—William Zucker

On Resources for Students

I was pleased to see an effort on the part of University Life to take a step to better publicize the resources available for students in crisis situations.

We are all deeply saddened by the recent tragic losses of fellow students. Since the middle of last semester, GAPSA has been calling for better counseling resources for graduate students. Unfortunately, more lives have been lost since.

Dr. Kaurouma's "Resources for Students in Distress" represents the first official response concerning this problem. I hope that it is only coincidental that this response came after the loss of an undergraduate student, but this is a separate question altogether.

In Dr. Kaurouma's piece, there seems

to be a clear effort to address graduate students, specifically in the University Counseling Services section. This, I assume, may have to do with GAPSA's voiced concerns. I must however admit my dismay at both the inaccuracies and the apparent effort to present the services as comprehensive and significant. What are presented as significant services to graduate students are not. Specifically:

— The "information table" is an annual event that only reaches 300 or 400 students at best, out of the 10,000 at Penn.

— The "satellite office" in Graduate Towers operates only a few hours a week, and by definition is extremely limited since only a very small portion of the graduate population lives on campus.

— The "relationships with the graduate and professional school administrators to assess graduate student needs" are at best theoretical and certainly poorly publicized (if they indeed exist).

— Last and worst, the claimed liaison to GAPSA is simply nonexistent. No one in the organization has ever been contacted in that capacity.

I do welcome Dr. Kaurouma's effort, but I certainly deplore the inaccuracies of her account. More seriously, I hope that this was not an attempt to diminish the needs of graduate students or to deny the inadequacy of resources available to them.

—*Mohamed Saadi-Elmandjra,
Chair, Graduate and Professional
Students Assembly*

Response from Dr. Kaurouma

The intent of the article entitled "Resources for Students In Distress" in the January 16 *Almanac* was to convey sorrow about the recent tragedies on campus, to identify services that assist students in distress and advise readers of procedures that are in place in response to a crisis.

Mr. Saadi-Elmandjra is right to point out that "liaison" is too optimistic a term for the role played by the counseling service staff member on the planning committee for graduate student orientation. However, the idea of an official liaison with GAPSA is welcome and we will pursue it.

I share the concern expressed by graduate students that available resources be widely publicized and that we develop effective outreach programs to meet their

needs. The Resources article attempted to outline what is currently in place under "Student Affairs," but I look forward to working collaboratively with GAPSA and other constituencies in the Penn community to assess and further increase the effectiveness of the services we offer.

—*Patricia Kaurouma, Associate Vice
Provost for Student Affairs*

Something Better for Ben?

*A GAPSA Resolution On Franklin's
Legacy to the City of Philadelphia,
passed January 18, 1990*

In 1990 the University of Pennsylvania celebrates both its 250th anniversary and the educational vision of Benjamin Franklin, its principle founder. Franklin was firmly committed to useful rather than ornamental education, as most befitting to the spirit of a new, American society.

1990 also marks the 200th anniversary of Benjamin Franklin's death and, in April, the maturation of a fund of money left by him to the people of Philadelphia and Boston and to the states of Pennsylvania and Massachusetts in which they are located. Philadelphia's fund will amount to approximately \$520,000.

We, like so many Philadelphia residents, were appalled to learn of the city's plans for the money. City officials have announced that virtually all of Franklin's money will be spent on celebratory events such as the yearly "Freedom Festival."

Franklin's original fund was meant to provide loans to young married artisans who, having completed their apprenticeships, wished to set themselves up in business. As Franklin explained in the codicil to his will: "having myself been bred to a manual art...I wish to be useful even after my death, if possible, in forming and advancing other young men, that may be serviceable to their country in both these towns." After one hundred years, a portion of the accumulated capital was to be used for public works "which may be judged of most general utility to the inhabitants...whatever may make living in the town more convenient to its people, and render it more agreeable to strangers." The loan program was to continue.

Not able to read the future, at the distance of two hundred years, Franklin left the decision on the use of funds "to the disposition of the inhabitants...not presuming to carry my view farther." Finally he stated his hope that his beneficiaries "accept the offer of these donations as a mark of my good will, a token of my gratitude, and a testimony of my earnest desire to be useful to them after my departure."

Franklin's legacy to Philadelphia citizens is not something to be treated so lightly, with such disregard for his intentions. Using the money to balance a yearly budget, to pay for one-time tourist-oriented events, is unacceptable. Franklin's intentions of usefulness to the population, of assistance to artisans and to good citizens of little means, are still relevant to the city we live in today. As one of Philadelphia's most important citizens, Franklin deserves our respect. It is Philadelphia's responsibility to carry forth the spirit of his intentions and his legacy in concrete terms, to ensure that these continue into the future.

We, the Graduate and Professional Student Assembly of the University of Pennsylvania, voice our strong disapproval of the current plans for Franklin's funds and ask that the city reconsider its best uses—taking into account suggestions generated by its citizens. We invite other members of the University community to join us in our protest. In particular, we call upon Sheldon Hackney, President of the University, and Alvin Shoemaker, Chair of the Board of Trustees, as vocal and visible spokesmen for the University and as trustees of Franklin's foresight in this city, to forcefully comment on this matter.

—*Susan Garfinkel, GAPSA Vice-
Chair for Communications*

Response from the President

I share the concern voiced in GAPSA's resolution that the City make appropriate use of the funds left to it by Benjamin Franklin, and will communicate to the City's elected leadership the sentiments expressed by the Penn community. I welcome the reports in the news media that the Mayor and his administration are reconsidering their original decision on the use of the Franklin funds.

—*Sheldon Hackney, President*

Office of Environmental Health: On Disposal of Ethidium Bromide Waste

Ethidium bromide (EB), a powerful mutagen, is widely used in laboratories for visualizing nucleic acids. During normal use, spills of EB may occur and residues may build up on equipment and other lab surfaces. Household bleach has been previously recommended for chemical destruction of EB but unfortunately bleach treatment produces oxidation products which are also mutagenic. All users of ethidium bromide are reminded that EB waste in solid form or concentrated solutions is considered hazardous and should not be thrown in the trash or down the drain. EB waste must be discarded as a hazardous waste and should be segregated

as follows:

1. **Liquids** (large quantities): separate from solid waste into a leakproof, sealable polyethylene container.

2. **Solids** (contaminated gloves, centrifuge tubes, towels, etc.): separate from liquids into leakproof sealable polyethylene container.

3. **Contaminated sharps** (needles, syringes, etc.) which contain residual EB must be discarded into a rigid, leakproof, puncture-resistant, sealable infectious waste sharps containers, which is marked with the universal biohazard symbol. The containers must be placed in a biohazardous waste bag which is

marked "ethidium bromide sharps" and sealed. Do not autoclave, but discard as infectious waste.

Working solutions which contain less than 10 ppm (10ug/ml) may be flushed down the drain. EB gel waste (low EB conc.) may be discarded in the trash.

A solution of soap and water is recommended for removal of residues on equipment and environmental surfaces.

Glass containers must *not* be used for EB waste collection under and circumstances.

Call the Office of Environmental Health and Safety Ext. 8-4453 to arrange for pick-up of your EB hazardous waste or if you have any further questions.

From the extensive list of Trustee actions on appointments, reappointments, secondary appointments, leaves, and terminations, *Almanac* gleans those actions reflecting movement into or within the Standing Faculty. This includes new appointments and promotions, and chair designations with or without promotion, in all schools. In the health schools, where reappointment sometimes includes movement from the associated faculty (not in standing faculty) to the clinician-educator track (standing faculty but not tenure-accruing), those actions are published. Note that clinician-educator titles are recognizable by the form of title, "Professor of _____ at (affiliated institution)." The following list shows actions from Trustees' minutes of April 27, 1989 through November 30, 1989, representing actions approved at Provost's Staff Conferences leading up to those meetings. Actions marked (*) involve additions to the tenured ranks through appointment, promotion, or conversion.

Appointments and Promotions in the Standing Faculty, 1989

Annenberg School for Communication Appointments

* Dr. Kathleen Hall Jamieson as Professor of Communications.

School of Arts and Sciences Appointments

Dr. Beth Wietelmann Bauer as Assistant Professor of Romance Languages.

Dr. Mabel Berezin as Assistant Professor of Sociology.

Dr. George E. Boyajian as Assistant Professor of Geology.

Dr. Gregg Camfield as Assistant Professor of English.

* Dr. Ted Chinburg as Professor of Mathematics.

Dr. Mirjam Cvetic As Assistant Professor of Physics.

Dr. Francis X. Diebold as Assistant Professor of Economics.

Dr. Naoki Fukui as Assistant Professor of Linguistics.

Dr. Thomas J. Harrison as Assistant Professor of Romance Languages.

Dr. Christopher F. Hasty as Associate Professor of Music.

* Dr. Elizabeth Johns as Professor of History of Art.

Dr. Michihiro Kandori as Assistant Professor of Economics.

* Dr. William R. LaFleur as Professor of Oriental Studies.

Dr. John A. Lucy as Assistant Professor of Anthropology.

Dr. Michael A. Mandler as Assistant Professor of Economics.

Dr. David Neumark as Assistant Professor of Economics.

Dr. Phillip A. Rea as Assistant Professor of Biology.

Dr. Virginia M. Richards as Assistant Professor of Psychology.

Dr. Marina Roseman as Assistant Professor of Music.

* Dr. Matthew S. Santirocco as Professor of Classical Studies.

Dr. Neil H. Shubin as Assistant Professor of Biology.

Chair Designations

Dr. Roger D. Abrahams as the Hum Rosen Professor of Folklore and Folk Literature.

Dr. Nancy M. Farriss as Annenberg Professor of History.

Dr. Drew G. Faust as Annenberg Professor of History.

Dr. Samuel Preston as the Frederick J. Warren Professor of Sociology.

Dr. Paul J. Steinhardt as the Mary Amanda Wood Professor of Physics.

Promotions

* Dr. Dorothy L. Cheney to Associate Professor of Anthropology.

* Dr. Hai-Long Dai to Associate Professor of Chemistry.

* Dr. Charles L. Epstein to Associate Professor of Mathematics.

* Dr. Jerry A. Jacobs to Associate Professor of Sociology.

Dr. John A. McCarthy to Professor of Germanic Languages and Literatures.

Dr. Eugene J. Mele to Professor of Physics.

* Dr. Margaret A. Mills to Associate Professor of Folklore and Folklife.

* Dr. R. Scott Poethig to Associate Professor of Biology.

Mr. Jay Reise to Professor of Music.

* Dr. Ralph M. Rosen to Associate Professor of Classical Studies.

* Dr. Robert M. Seyfarth to Associate Professor of Psychology.

Dr. Gary A. Tomlinson to Professor of Music.

School of Dental Medicine Appointments

Dr. Gary Dworkin as Assistant Professor of Restorative Dentistry in Clinical Dentistry.

* Dr. Raymond Fonseca as Professor of Oral and Maxillofacial Surgery.

Dr. Wanda Gordon as Assistant Professor of Endodontics.

Graduate School of Education Chair Designations

* Dr. Robert F. Boruch as Trustee Professor of Education.

Dr. Marvin Lazerson as the George and Diane Weiss Professor of Education.

School of Engineering and Applied Science Appointment

Dr. Leif H. Finkel as Assistant Professor of Bioengineering.

Conversion to Tenure

* Dr. Jorge Juan Santiago-Aviles, Associate Professor of Electrical

Engineering

Promotions

* Dr. Susan B. Davidson to Associate Professor of Computer and Information Science.

* Dr. Insup Lee to Associate Professor of Computer and Information Science.

* Dr. Dale A. Miller to Associate Professor of Computer and Information Science.

* Dr. Wen K. Shieh to Associate Professor of Environmental Engineering in the Department of Systems.

Graduate School of Fine Arts Promotion

Dr. Dan Rose to Professor of Landscape Architecture and Regional Planning.

The Law School Appointment

* Mr. Colin S. Diver as Professor of Law and designation as the Bernard G. Segal Professor.

School of Medicine Appointments

Dr. Jacques P. Barber as Assistant Professor of Psychology in Psychiatry.

Dr. Robert J. Berchick as Assistant Professor of Counseling Psychology in Psychiatry.

* Dr. Joan S. Brugge as Professor of Microbiology.

Dr. William R. Brugge as Associate Professor of Medicine at HUP.

Dr. Frank J. Craparo as Assistant Professor of Obstetrics and Gynecology.

* Dr. Paul J. De Weer as the Issac Ott Professor of Physiology.

Dr. Deborah A. Driscoll as Assistant Professor of Obstetrics and Gynecology.

Dr. James H. Everwine as Assistant Professor of Pharmacology.

Dr. Roderic G. Eckenhoof as Assistant Professor of Anesthesia.

Dr. Jack Ende as Associate Professor of Medicine at HUP.

Dr. Patrick C. Friman as Assistant Professor of Psychology in Pediatrics.

Dr. Gregg J. Fromell as Assistant Professor of Medicine.

Dr. James Y. Garbern as Assistant Professor of Neurology.

Dr. Steven G. Glasgow as Assistant Professor of Orthopaedic Surgery.

Dr. Jerry M. Gonzales as Assistant Professor of Anesthesia.

Dr. Debra A. Gusnard as Assistant Professor of Radiology.

Dr. Leigh C. Jeffries as Assistant Professor of Pathology and Laboratory Medicine.

* Dr. William N. Kelley as Professor of Medicine.

Dr. Bruce Kinosian as Assistant Professor of Medicine.

Dr. Dan F. Knokle as Associate Professor of Audiology in Otorhinolaryngology and Human Communication at CHOP.

Dr. Sidney Kobrin as Assistant Professor of Medicine.

Dr. Cheryl C. Kurer as Assistant Professor of Pediatrics.

Dr. C. Dean Kurth as Assistant Professor of Anesthesia.

Dr. Jane M. Lavelle as Assistant Professor of Pediatrics.

Dr. Mitchell A. Lazar as Assistant Professor of Medicine.

Dr. Bruce T. Liang as Assistant Professor of Medicine.

Dr. John Listerud as Assistant Professor of Radiologic Sciences in Radiology.

Dr. Adeline Louie as Assistant Professor of Radiology.

Dr. David W. Low as Assistant Professor of Surgery.

Dr. Julie Low as Assistant Professor of Psychiatry.

* Dr. Jeanne C. Myers to Associate Professor of Biochemistry and Biophysics.

Dr. Nancy D. Nagorsky as Assistant Professor of Obstetrics and Gynecology.

Dr. John M. Parrish as Associate Professor of Psychology in Pediatrics at CHOP.

* Dr. Yvonne Paterson as Associate Professor of Microbiology.

Dr. Jeanette Pleasure as Associate Professor of Pediatrics at HUP.

Dr. Mark Reber as Assistant Professor of Psychiatry at the Philadelphia Child Guidance Clinic.

Dr. Lynn M. Schuchter as Assistant Professor of Medicine.

Dr. Mohamed A. Seliem as Assistant Professor of Pediatrics.

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Dr. Barbara S. Shapiro as Assistant Professor of Pediatrics.

Dr. Meir Shinnar as Assistant Professor of Medicine.

Dr. Joseph S. Savino as Assistant Professor of Anesthesia.

Dr. Eugenia L. Siegler as Assistant Professor of Medicine.

Dr. Edward A. Stadtmayer as Assistant Professor of Medicine.

Dr. Andrew M. Tershakovec as Assistant Professor of Pediatrics.

Dr. Lawrence Wah-Chan Tom as Assistant Professor of Otorhinolaryngology and Human Communication.

Dr. Paul Topf as Assistant Professor of Otorhinolaryngology and Human Communications.

Dr. Ralph F. Wetmore, Jr. as Assistant Professor of Otorhinolaryngology and Human Communication at CHOP.

Chair Designations

Dr. Kevin R. Fox as the Ann B. Young Assistant Professor of Cancer Research.

Dr. Mark I. Greene as the John W. Eckman Professor of Medical Science.

* Dr. Richard P. MacDermott as the T. Grier Miller Professor of Medicine.

Dr. Alain H. Rook as the Albert M. Kligman Associate Professor of Dermatology.

Dr. J. Sanford Schwartz as the Robert D. Eilers Associate Professor of Health Care Management and Economics.

Promotions

Dr. Marco A. Amendola to Professor of Radiology at HUP.

Dr. Judith M. Aronchick to Associate Professor of Radiology at HUP.

Dr. Charles S. August to Professor of Pediatrics at CHOP.

Dr. Joel S. Bennett to Professor of Medicine at HUP.

Dr. Gerard T. Berry to Associate Professor of Pediatrics at CHOP.

Dr. Alvin J. Chin to Associate Professor of Pediatrics at CHOP.

* Dr. Nancy E. Cooke to Associate Professor of Medicine.

* Dr. Carol J. Deutsch to Professor of Physiology.

Dr. Richard L. Doty to Associate Professor of Psychology in Otorhinolaryngology and Human Communication.

* Dr. Kenneth H. Fischbeck to Associate Professor of Neurology.

Dr. Thomas A. Gennarelli to Professor of Neurosurgery in Surgery.

* Dr. Donna L. George to Associate Professor of Human Genetics.

Dr. Raquel E. Gur to Professor of Psychiatry.

Dr. David B. Hackney to Associate Professor of Radiology at HUP.

Dr. Malek Kamoun to Associate Professor of Pathology and Laboratory Medicine at HUP.

Dr. Robert F. LeVeen to Associate Professor of Radiology at the Veterans Administration Medical Center.

Dr. Thomas W. McAllister to Associate Professor of Psychiatry at HUP.

* Dr. Robert L. Nussbaum to Associate Professor of Human Genetics.

Dr. Kwaku Ohene-Frempong to Associate Professor of Pediatrics at CHOP.

Dr. Larry A. Palmer to Professor of Anatomy.

Dr. Leonard J. Perloff to Professor of Surgery at HUP.

* Dr. Mortimer Poncz to Associate Professor of Pediatrics.

Dr. Michael B. Prystowsky to Associate Professor of Pathology and Laboratory Medicine.

Dr. Stephen E. Rubesin to Associate Professor of Radiology at HUP.

Dr. James C. Saunders to Professor of Research Otorhinolaryngology and Human Communication.

Dr. Daniel M. Schwartz to Professor of Audiology in Otorhinolaryngology and Human Communication at HUP.

* Dr. David S. Smith to Associate Professor of Anesthesia.

Dr. Richard Spielman to Professor of Human Genetics.

Dr. Stuart E. Starr to Professor of Pediatrics at CHOP.

Dr. Elliot Jay Sussman to Associate Professor of Medicine at HUP.

Dr. Keith N. Van Arsdalen to Associate Professor of Urology in Surgery at HUP.

Dr. Alan G. Wasserstein to Associate Professor of Medicine at HUP.

Dr. Sankey V. Williams to Professor of Medicine at HUP.

* Dr. John R. Wilson to Associate Professor of Medicine.

Dr. Mortiz M. Ziegler to Professor of Pediatric Surgery in Surgery.

Reappointments

Dr. Mary Ann Forcica to Assistant Professor of Medicine at HUP.

Dr. Bruce Freundlich to Assistant Professor of Medicine at HUP.

Dr. Jeffery N. Joyce to Assistant Professor of Psychology and Neuroscience in Psychiatry.

Dr. Harvey Rubin to Assistant Professor of Medicine at HUP.

Dr. Richard V. Sims, III to Assistant Professor of Medicine at HUP.

Dr. Gary E. Stahl to Assistant Professor of Pediatrics at HUP.

Dr. Joseph R. Volpicelli to Assistant Professor of Psychiatry.

School of Social Work Appointments

Dr. Ram Cnann as Associate Professor of Social Work.

Dr. Robin Goldberg-Glen as Assistant Professor of Social Work.

School of Veterinary Medicine Appointment

Dr. Robert J. Washabau as Assistant Professor of Medicine in Clinical Studies.

Chair Designation

Dr. Narayan G. Avadhani as the Harriet Ellison Woodward Professor of Veterinary Medicine.

Promotions

* Dr. James B. Lok to Associate Professor of Parasitology in Pathobiology.

Dr. Richard R. Miselis to Professor of Anatomy in Animal Biology.

Dr. Bernard H. Shapiro to Professor of Biochemistry in Animal Biology.

The Wharton School Appointments

Dr. Ajay Dravid as Assistant Professor of Finance.

* Dr. Michael Gibbons as the Drexel Burnham Lambert Professor of Investment Banking.

* Dr. Sanford J. Grossman as the Trustee Professor of Finance.

Dr. Joseph Harder as Assistant Professor of Management.

* Dr. Robert W. Holthausen as Professor of Accounting.

Dr. Daniel Levinthal as Associate Professor of Management.

Dr. Matthew Richardson as Assistant Professor of Finance.

Dr. Gerard Wedig as Assistant Professor of Health Care Systems.

Conversions To Tenure

* Dr. Peter Cappelli, Associate Professor of Management.

* Dr. Eric Johnson, Associate Professor of Marketing.

Chair Designations

Dr. Andrew B. Abel as the Robert Morris Professor of Banking.

* Dr. Michael Gibbons as the Drexel Burnham Lambert Professor of Investment Banking.

Dr. John R. Kimberly as the Henry Bower Professor of Entrepreneurial Studies.

Dr. Howard Kunreuther as the Meshulam Riklis Professor in Practice of Creative Management.

Dr. Peter Linneman as the Albert Sussman Professor of Real Estate.

Dr. Robert F. Stambaugh as the Ronald Perelman Professor of Finance.

Dr. Howard Kunreuther as the Meshulam Riklis Professor in Practice of Creative Management.

Dr. Peter Linneman as the Albert Sussman Professor of Real Estate.

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Toastmasters International

University of Pennsylvania students are founding a chapter of Toastmasters International on campus by the end of February 1990. We are interested in locating faculty, staff, and alumni who are members of Toastmasters to act as mentors, advisors, or simply relate their experiences with this organization which fosters leadership, communication and speaking skills. Please contact Shari at 222-8210.

—Shari L. Senzon, College '90

AIDS Awareness Week at Penn: Starting February 19

Since the discovery of the AIDS virus almost 10 years ago, the media has been flooded with information about the disease. The newspapers write articles, the television shows documentaries, and many books are written about all aspects of AIDS.

Despite this flood of information, it is important that we do not become complacent. We may think that we have the information and that we know how we can protect ourselves. But we need to keep educating ourselves over and over. And we need to educate our families and our friends as well.

The University of Pennsylvania has developed HIV/AIDS Awareness Week to continue to provide a forum for obtaining new information about this disease. The programs offered this year will be available in a setting that will allow University faculty, staff, and students to ask questions and, therefore, to learn. In a university community which focuses so intently on the importance of education, we are all going to be given an opportunity to learn how to stay alive.

HIV/AIDS Awareness Week will be held the week of February 19. Look for the schedule of events, and please take the responsibility to learn. If you have any questions, please call Ext. 8-0313.

—Karen Pollack, F/SAP Counselor

The Research Foundation: March 15 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.

Research Foundation Awards: Fall Cycle 1989

Latifeh Amini-Sereshki and Mary Ann Laferty-Della Valle, Nursing; Room renovations for projects: *Extrahypothalamic Thermoregulation in Sleep and Waking and DNA Polymorphisms and Risk of Heart Disease*.

John Anderson, English, SAS; *Raymond Chandler: A Critical Biography*.

Jacques P. Barber, Psychiatry, Medicine; *Development of the Central Relationship Questionnaire*.

Hansruedi Boehringer, Pathology, Dental Medicine; *Virulence Mechanisms of Lyme Disease Spirochetes*.

Henning Bohn, Finance, Wharton; *Budget Deficits, Uncertainty, and Dynamic Efficiency*.

Jose Edgardo L. Campos, Public Policy & Management, Wharton, and Roberto S. Mariano, Economics, SAS; *Political Economy Aspects of Protectionism in Developing Countries: The Case of the Philippines*.

Mirjam Cvetic, Physics, SAS; *Effective Lagrangian in Superstring Theories*.

Manjusri Das, Biochemistry & Biophysics, Medicine; *Analysis of Expression, Maturation and Stability of EGF-Receptor Using Molecular Biological Tools*.

Francis X. Diebold, Economics, SAS; *Non-parametric Analysis of Economic Time Series*.

Martha M. Dore, Social Work, and William A. Sonis, Psychiatry, Medicine; *A Comparison of the Efficacy and Cost Effectiveness of Three Forms of Community-Based Mental Health Treatment of Children and Youth*.

Ajay R. Dravid, Finance, Wharton; *Simulated Moments Estimation of Stock Return Distribution Parameters*.

Arthur E. Dunham, Biology, SAS; *Thermal and Hydric Effects on Egg Development, Hatching Success, and Hatching Growth in a Desert Lizard: Integrating Mechanistic and Theoretical Approaches to Life History Evolution*.

Leif H. Finkel, Bioengineering, SEAS; *Computer Simulation of the Macaque Visual Cortex*.

David E. Freeman, Clinical Studies, Veterinary Medicine (NBC); *Effect of Protein Kinase C Activation on L-Alanine Transport by the Antiluminal Pole of Crypt Cells in Rat Colon*.

Samuel R. Freeman, Philosophy, SAS; *Constitutional Democracy and Judicial Review*.

James Y. Garbern, Neurology, Medicine; *Functionality Analysis of Murine Homeobox Proteins*.

A.F. Garito, Physics, SAS; *Ultrafast Non-linear Optical Excitations and Bistability in Random Glassy Polymers*.

David L. Gasser, Human Genetics, Medicine; *Support for Molecular Biology Core of the Craniofacial Anomalies Research Center*.

L.D. Gladney and N.S. Lockyer, Physics, SAS; *Proposal to Test a Novel Idea for an Event Builder*.

Jack Glen, Finance, Wharton; *The Value of Hedging Foreign Exchange Risk in Globally Diversified Stock and Bond Portfolios: An Analysis of the Difference in the Performance of Hedged*

and Unhedged Portfolios.

Yale E. Goldman, Physiology, Medicine, and Clara Franzini-Armstrong, Anatomy, Medicine; *Time-Resolved Ultra-Rapid Cryofixation of Muscle Following Activation by Laser Pulse Photolysis*.

Joanne Gowa, Political Science, SAS; *Bipolarity, Multipolarity, and Free Trade*.

Keith A. Griffioen, Physics, SAS; *A Prototype Vertex Detector for PEGASYS*.

Howard C. Herrmann, Medicine; Robert LeVein, Radiology, Medicine; Elliott Barnathan, Medicine; and Paul Weisz, Chemical Engineering, SEAS; *Evaluation of B-cyclodextrin in the Prevention of Experimental Angioplasty Restenosis*.

John Hershey, Decision Sciences, Wharton; *Why Do People Buy Insurance For More Than Just Reduction of Risk?*

Jonathan Israel, Medicine; *Interactions Between the Hepatocyte, Hepatitis B Virus and Hepatocellular Carcinoma*.

Prem Jain and Ananth Madhavan, Accounting, Wharton; *Trading Halts, Price Limits and the Components of Transaction Volume*.

Leigh C. Jefferies, Pathology & Laboratory Medicine; *Use of Anti-Idiotypic Antibodies Against Human RBC Autoantibodies for Investigation and Therapy of Autoimmune Hemolytic Anemia*.

Roland G. Kallen, Biochemistry & Biophysics, Medicine; *Cloning and Expression of Human Cardiac Sodium Channels*.

G.N. Knauer, Classical Studies, SAS; *Vergil and Homer, Latin Renaissance Commentaries and Translations*.

Morrie E. Kricun, Radiology, Medicine; *Radiology-Paleopathology of the Skeletal Remains of Prehistoric Australian Aborigines*.

James D. Laing, Decision Sciences, Wharton; *Quasirational Processes of Multilateral Negotiations*.

Risa Lavizzo-Mourey, Wharton; *Variations in Nursing Home Clinical Practices: Market vs. Facility Characteristics*.

Ponzy Lu, Chemistry, SAS; *Photo-CIDNP Studies of Protein-Nucleic Acid Complexes*.

Luz J. Martinez-Miranda, Electrical Engineering, SEAS; *Equipment Proposal: Huber Goniometer Motor Controlling and Detecting Electronics Upgrading for Thin Film Studies*.

Vivianne T. Nachmias, Anatomy, Medicine; *Preparation of Monoclonal Antibodies to FX5 Protein*.

David Neumark, Economics, SAS; *The Impact of Corporate Takeovers on Older Workers*.

Maurizio Pacifici, Dental; *Molecular Control of the Cartilage Phenotype*.

Mark Pauly, Economics & Health Care Systems, Wharton; *(Health Care) Cost/Effectiveness Analysis: Incorporating Consumer Time Preference Into the Discount Rate*.

Trevor M. Penning, Pharmacology, Medicine; *Affinity Labeling of Cyclooxygenase*.

Stephen Paul Phipps, Geology, SAS; *The*

Structure of Iberian Intra-Plate Mountain Belts.

Gregory Posschl and Joyce C. White, Asian Section, University Museum; *Bronze Age Development in Thailand: Ban Chiang Wrap-Up*.

Virginia M. Richards, Psychology, SAS; *Across-Frequency Comparisons in Audition*.

Matthew Richardson, Finance, Wharton; *A Multivariate Test for Normality in Stock Returns*.

Joel Rosenbloom, Anatomy & Histology, Dental; *Genetic Control of Vascular Smooth Muscle Cell Differentiation*.

William T. Ross, Jr., Marketing, Wharton; *Ambiguity and the Decision Making Process*.

Jorge J. Santiago-Aviles, Electrical Engineering, SEAS; *Procurement of a Self-Balancing Automatic Impedance Bridge for the Electrical Characterization of Ferroelectric Thin Films*.

Martin E. P. Seligman, Psychology, SAS; *Children's Emotions and Family Interactions*.

Vivian Center Seltzer, Human Development & Behavior, Social Work; *Costs of Data Collection, Computer Analysis, and Publication Preparation of Local/Cross Cultural Study on Adolescent Perceptions of Their Future*.

Irving M. Shapiro, Biochemistry, Dental; and Sherrill L. Adams, Anatomy & Histology, Dental; *Identification of the Mechanisms Mediating Glucocorticoid-Induced Decreases in Skeletal Growth*.

Neil Shubin, Biology, SAS; *The Origin of Modern Tetrapods—the Vertebrate Animals of the Triassic-Jurassic Boundary*.

L.E. Silberstein, Pathology & Lab Medicine, Medicine; *Human B-Cell Neoplasia With Autoreactive Specificity*.

Peter Stallybrass, English, SAS; *Embodied Politics*.

Charles W. Thayer, Geology, SAS; *Evolutionary Drop-Outs: Refuge From the Red Queen's Race*.

James F. Thorne, Landscape Architecture and Regional Planning, Fine Arts; *Understanding Controls on Trajectory and Velocity in Old-Field Plant Recolonization*.

Michael R. Topp, Chemistry, SAS; *Spectral Hole-Burning Techniques Applied to Molecular Clusters: Structural Disorder and Phase Transitions*.

Dr. Gregory A. Voth, Chemistry, SAS; *A New Theoretical Approach for Describing Chemical Reaction Dynamics*.

Gerard J. Wedig, Health Care Systems, Wharton; *Is the Hospital Services Industry Financially Viable?*

Liliane Weissberg, German, SAS; *Support for a Critical Edition of German Early Romantic Letters*.

Daniel Wagner and Vivian L. Gadsden, Literacy Research Center, Education; *Minority Access to Literacy: A Preliminary Study of Intergenerational Literacy Among Black and Hispanic Families*.

Randall Wright, Economics, SAS; *Extending the Foundations of Monetary Theory*.

Penn Plus

The following are sponsored by Penn Plus this month. For information call 898-7517.
Sherlock Holmes and the Speckled Band; February 11, 2 p.m., Walnut Street Theater, balcony seats Penn Plus price \$11.75.
Into the Woods; February 23, 8 p.m., Forrest Theater, lower balcony Penn Plus price \$26.50.

Community Retreat

On February 10, the Lesbian, Gay and Bisexual Alliance, in conjunction with the Office of Student Life Programs, will sponsor a community retreat from 10 a.m.-6 p.m. at The Crossing, 906 S. 49th Street. Faculty, staff and students are invited to participate in sessions focusing on "Coming Out in the Workplace," "Relationships" and "Lesbian women and gay men working together in the Community." Information: 898-5270.

Update

FEBRUARY AT PENN

EXHIBITS

14 Large Western Landscapes; Walter Edmonds, painter; in celebration of Black History Month; reception 4-6 p.m., Esther M. Klein Art Gallery, 3600 Market St. (West Philadelphia Cultural Alliance). *Through March 23.*

FILMS

Neighborhood Film and Video Project of International House for information call 895-6524.

7 Maria Candelaria; 7 p.m.
Nazarin; 8:30 p.m.

8 Ori; 7:30 p.m. *Through February 11.* February 10 at 9:15 p.m.

14 De Cierta Manera/One Way or Another; 7:30 p.m.

FITNESS AND LEARNING

7 Briefing; funding programs for small companies with new products by the Ben Franklin Technology Center; 3:30 p.m., University City Science Center, 3624 Market Street. Register: 895-3102 (Ben Franklin Partnership).

13 How To Get A Job With a Small Company; to help people interested in working for small firms; 4:30-9:30 p.m., fee \$45. Registration: Ext. 4-8661 (Wharton Small Business Development Center).

ON STAGE

12 Tibetan Monks from Gaden Shartse; a program of healing rituals and visual art forms; 8 p.m., International House. Ticket information: 895-6537 (International House).

TALKS

7 Redistributive Characteristics of Authoritarian and Parliamentary Governments: Implications of Old-Regime France and England for Third-World Development; Hilton Root, department of history; 4 p.m., Anspach Lounge, Stiteler Hall (Political Science and International Relations).

Does Ion Channel Expression Regulate Important Aspects of Motoneuron Development?; Kurt Beam, Colorado State University; 4:15 p.m., Neuroscience Conference Room, John Morgan Building (David Mahoney Institute).

8 Transformation of Skeletal and Cardiac E-C Coupling by Expression of Cardiac DHP Receptor; Kurt Beam, Colorado State University; 4 p.m., Physiology Library, Richards Building (Department of Physiology).

9 Oxygen Injury in the Newborn; Stephen L. Young, Duke University Medical Center; 12:15 p.m., Seminar Room, John Morgan Building (Environmental Medicine).

13 The Role of the Superior Colliculus in the Control of Saccadic Eye Movements; David Sparks, department of psychology; 4:15 p.m., Neuroscience Conference Room, John Morgan Building (David Mahoney Institute).

14 The American Presidency Since the New Deal; Berry D. Karl, University of Chicago; 4 p.m., Room 221, College Hall (History).

Androgen-Controlled Morphogenesis of a Neuromuscular System Dedicated To Courtship Song; Darcy Kelley, Columbia University; 4:15 p.m., Neuroscience Conference Room, John Morgan Building (Behavioral Neuroscience Training Grant, Mahoney Institute).

Department of Public Safety

This report contains tallies of part 1 crimes. A listing of part 1 crimes against persons, and summaries of part 1 crime in the five busiest sectors on campus where two or more incidents were reported between **January 29, 1990 and February 4, 1990.**

Total: Crimes Against Persons-3, Theft-16, Burglaries-3, Attempted Thefts of Auto-0, Thefts of Auto-3

Crimes Against Persons:

Date	Time Reported	Location	Incident
01/29/90	3:13 PM	3600 Blk Locust	Chain taken/9 juvs. arrested/assaults
01/21/90	3:19 AM	Hamilton Walk	Wallet taken/no injury
02/01/90	1:09 AM	3700 Blk Spruce	Police Officer assaulted/ arrest/male

34th to 36th; Spruce to Locust

01/30/90	4:22 PM	Furness Bldg	Pencil sets taken
01/31/90	7:00 PM	Houston Hall	Wallet & contents taken from jacket
02/02/90	12:06 PM	Irvine Aud	Backpack and radio taken
02/03/90	4:05 PM	Houston Hall	Sneakers taken from store

37th to 38th; Spruce to Locust

01/30/90	12:44 PM	Vance Hall	Unattended wallet & contents taken
01/30/90	2:16 PM	Vance Hall	Unattended purse taken
02/01/90	4:22 PM	Vance Hall	Unattended wallet taken

36th to 37th; Locust to Walnut

01/30/90	3:20 PM	Annengerg School	Person attempted to take typewriter
02/01/90	7:19 PM	Christian Assoc	Bike taken
02/02/90	5:22 PM	Christian Assoc	Chair taken

Exway to 32nd; University to Walnut

01/29/90	7:51 PM	Ice Rink	Auto taken
01/02/02	4:56 PM	Lot #29	Auto taken
02/03/90	9:14 PM	Lot #33	Auto taken

36th to 37th; Spruce to Locust

01/29/90	2:22 AM	Steinbrg/Drich	Unattended watch taken
01/29/90	3:13 PM	3600 Blk Locust	See above, crimes against persons

Safety Tip: Do not give the criminal the opportunity to make you a victim by being careless. Lock your doors, secure your property and don't leave your belongings unattended!!

18th Police District

Schuylkill River to 49th Street, Market Street to Woodland Avenue
 Reported crimes against persons from **12:01 AM January 22, 1990 to 11:59 PM January 28, 1990.**

Total: 13 Incidents, 4 Arrests

Date	Time	Location	Offense/Weapon	Arrest
01/23/90	12:00 AM	4700 Kinsessing	Robbery/strong-arm	Yes
01/23/90	8:10 PM	4600 Market	Robbery/gun	No
01/24/90	2:20 AM	1342 Melville	Agg Assault/fists	No
01/24/90	5:40 PM	4521 Walnut	Agg Assault/gun	No
01/24/90	11:25 PM	35 S 45	Robbery/gun	No
01/25/90	3:15 PM	4700 Chestnut	Robbery/gun	Yes
01/25/90	9:20 PM	100 S 41	Robbery/gun	No
01/26/90	11:10 AM	220 S 40	Robbery/gun	No
01/27/90	7:25 PM	4500 Chestnut	Robbery/gun	No
01/28/90	12:58 AM	115 S 48	Agg Assault	No
01/28/90	8:00 AM	3400 Spruce	Robbery/strong-arm	No
01/28/90	6:50 PM	4700 Walnut	Robbery/strong-arm	Yes
01/28/90	9:55 PM	3925 Walnut	Agg Assault/strong-arm	Yes

Almanac

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