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THE ROCKEFELLER UNIVERSITY

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news and notes

Milestones Marked at Annual Party



The University paid its formal respects to six longtime members of its community and paid special tribute to 12 others who are celebrating their 25th anniversaries at the annual Anniversary and Retirement Dinner. It was held on Monday, April 11, in the Tower 17th floor dining room. President Seitz, officiating at the ceremonies, presented gifts to each of the guests of honor.

Among those retiring was Josephine F. Armstrong, who joined the nursing staff of the Hospital in 1956, a year after coming to the United States from Ireland. She was appointed supervisor of the Hospital in 1971. She will be returning to her native country to build a home and to pursue her interest in Irish poetry, folklore, and archeology.

Mabel H. Bright, retiring after 34 years, looks back on a career in which she worked with many of the University's most distinguished scientists, including Thomas Rivers, second director of the Hospital, and President Detlev W. Bronk, for whom she was secretary and administrative assistant. Mrs. Bright's famed devotion to duty extended to the care and feeding of Dr. Bronk's pet owl, Aristotle.

Frances Kralick, who did not let a broken leg keep her from the party, has been peering at other people's breaks

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Left, anniversary celebrants James Stewart, Mary Brady, William Hertwig, Alexander Kulynych, Eduardo Principe, Bertha Felder, Hamilton Lane, Hugh Galloway, Francisek Parszuto, and Warren Schaub. Right, retirees, standing, Josephine Armstrong, Viola Quinn, Mabel Bright, Franklin Phillips; seated, Frances Kralik. Not shown above are Vera Keith, a late arrival whose photograph appears on page 4, and Frances Mosca and Professor James S. Murphy, who did not attend the party.

Academy Elects Choppin, Krause

Professor Purnell W. Choppin, co-leader of the University's virology laboratory, and Adjunct Professor Richard M. Krause were elected to membership in the National Academy of Sciences at the Academy's annual meeting held in Washington, D.C., the week of April 25. They join 45 other members of the Rockefeller scientific community in what is considered one of the most prestigious associations in the world of science.

Dr. Choppin, whose research is mainly concerned with influenza and parainfluenza viruses, is this year celebrating his 20th anniversary with the University. Dr. Krause, formerly head of the University's laboratory of immunology and immunochemistry, is currently serving as director of the National Institute of Allergy and Infectious Diseases of the National Institutes of Health.

New Mellon Grant

The Andrew W. Mellon Foundation has awarded the University a new \$1.5 million grant in support of programs in cell biology. It is to be paid out at the rate of \$300,000 a year, beginning this July. This new grant brings to \$4 million the amount of the foundation's total support of the University. A previous grant of \$2.5 million was awarded in 1971.

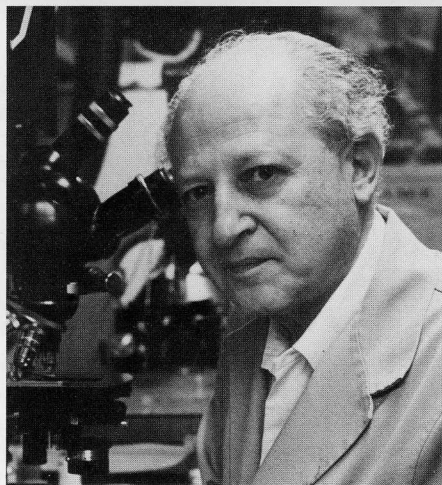
The major portion of the funds is being used to support young researchers in cell biology and related areas. Evaluation of candidates for the Andrew W. Mellon Fellowships, which normally involve an appointment as assistant professor, is made by a faculty committee established by President Seitz. The present members of the committee are: Professors David J. L. Luck, chairman, Günter Blobel, Zanvil A. Cohn, Purnell W. Choppin, and Norton D. Zinder.

SAM GRANICK

1909-1977

Professor Sam Granick, a biochemist who was a leader in research in the areas of chloroplast structure, heme and chlorophyll biosynthesis, and iron metabolism, died on April 29 at the New York Hospital following a heart attack. He was 68 years old. Dr. Granick had been associated with The Rockefeller for 38 years.

Dr. Granick's separation of chloroplasts from the plant cell was one of the earliest examples of the isolation of a cell organelle and made possible for the first time quantitative determinations of



their composition. In 1947, he and Keith R. Porter took the first electron microscope pictures of the chloroplasts, which revealed their dense grana and disc-like components. With Aharon Gibor, Dr. Granick found earliest evidence for the self-replication of DNA in chloroplasts of *Euglena*. By means of *Chlorella* mutants, he established that the two principal "powerhouse" pigments of protoplasm, heme and chlorophyll, are members of the same biosynthetic chain. More recently he had been studying the mechanisms controlling the synthesis of heme in liver cells in tissue culture, and with Professor Attallah Kappas had discovered the effect of steroid hormones on heme biosynthesis.

Since 1969, Dr. Granick's laboratory colleague has been Professor David C. Mauzerall, who first began work with Dr. Granick in 1954. In Dr. Mauzerall's words: "Dr. Granick's life was uncompromisingly dedicated to his science. We can only remember him in his lab coat, bent over the microscope or the spectrophotometer, or at his desk puzzling over new data, or at a discussion

posing a very simple but very basic question. And he worked hard to keep the answers equally simple, never having lost that intense curiosity common to children and great scientists. He would get very excited at a new result or new ideas and, conversely, he was very impatient with routine or slipshod work. He was a scientific father to us all. The labs will be very empty without him."

Born in New York City on February 16, 1909, Dr. Granick received the B.S. degree in 1931, M.S. in 1933, and Ph.D. in plant physiology in 1938 from the University of Michigan, where he was a Newcombe Fellow from 1934 to 1938. He joined The Rockefeller in 1939 as a Rockefeller Fellow in the laboratory of the world-renowned biochemist Leonor Michaelis. An early research interest was the iron protein, ferritin. With Dr. Michaelis, Dr. Granick studied the magnetic properties of ferritin. The feeding of iron was found to induce the synthesis of this specific iron protein. He was made an assistant in 1941, an associate in 1951, and a professor in 1964.

Dr. Granick was a member of the National Academy of Sciences, the American Chemical Society, the American Academy of Arts and Sciences, the American Society of Biological Chemists, the American Society of Plant Physiology, the Botanical Society of America, and the Society for Developmental Biology.

He is survived by his wife, the former Elsa Bachman, a son, Joel Lee Granick, who is an assistant professor and chief resident physician at the University's Hospital, a daughter, Donna, currently residing in New Zealand, and two grandchildren.

Philip Bard Dies

Philip Bard, a leading brain researcher and a former Rockefeller trustee, died on April 5 at the age of 78. Professor emeritus of physiology at The Johns Hopkins University School of Medicine at the time of his death, Dr. Bard served from 1953 to 1957 as the school's dean, and for 30 years as director of the department of physiology. He was elected a Rockefeller trustee in 1957 and served for 17 years. In 1976, the University awarded him an honorary doctor of science degree.

HONORS AND AWARDS

Professor **Gerald M. Edelman**, Developmental and Molecular Biology, received the Rabbi Shai Shacknai Memorial Prize in Immunology and Cancer Research of the Hebrew University-Hadassah Medical School, in Jerusalem, Israel, where he delivered the Rabbi Shai Shacknai Memorial Lectures during the week of March 21.

On April 22, Dr. Edelman was elected to membership in the American Philosophical Society.

BRIEFS

Twenty-six papers by 51 Rockefeller scientists were presented at the 61st Annual Meeting of the Federation of American Societies for Experimental Biology (FASEB), which includes the American Physiological Society, the American Society of Biological Chemists, the American Society for Pharmacology and Experimental Therapeutics, the American Association of Pathologists, the American Institute of Nutrition, and the American Association of Immunologists.

Professor **Jules Hirsch**, Human Behavior and Metabolism, was an invited speaker at the 48th Annual Meeting of the Eastern Psychological Association, held April 13-16 in Boston. He spoke on Regulation of Body Weight in Obese Man and Animal. Papers were also presented by **Adam Drewnowski**, **Joel Grinker**, **Geoffrey H. Nowlis**, and **Kenneth Traupmann**. **Harvey J. Grill** participated in a symposium on Facial Expression and Taste. **Sarah F. Leibowitz** organized a symposium on Contribution of Brain Amines to the Control of Feeding and Drinking Behavior.

Dr. Leibowitz also participated in a Symposium on Histamine Receptors, held at the Physiological Society meeting in Philadelphia in March.

The Council on Foreign Relations, Inc., held a meeting in honor of Vice President **Rodney W. Nichols** and Jerome B. Wiesner, president of the Massachusetts Institute of Technology, on April 6. The two speakers' subject at the meeting was Science as an Element of American Foreign Policy. Among the participants was 1970 Rockefeller Alumnus **William Lowrance**, now serving as special assistant to the Undersecretary of State for Security Assistance, Science and Technology.

Library Makes Changes

Library users will have noticed—to their dismay—recent perambulations of specific sets of books and periodicals in the Library.

As Librarian Robin LeSueur explains, the third floor stacks had become overcrowded and the second floor is near capacity. Therefore it became necessary to move all books in the Library of Congress classification schedules Q through QC down to the main stacks on Level 3. The QD through QP books, which remain on the third floor, will now be easier to use and to add to.

In addition, all annual reviews and similar once-yearly or periodic surveys of subject fields are being removed from the periodicals collection and being reclassified as books, to be shelved on the second and third floors and Level 3. This will exempt them from a new cir-

ulation policy for periodicals, to be instituted on July 1 at the recommendation of the Academic Council and the Student Representative Committee. Under the new policy, all other periodicals published during the current decade—housed on the first floor—may be used only in the Library. Older periodicals on Level 1 and in core stacks 1–3 may be borrowed for one week.

The members of the Library staff regret the inevitable inconvenience caused by such a large reclassification project. However, they feel sure that users will find the results worthwhile. Meantime, they are attempting to reduce delays and interruptions of service as much as possible by recording carefully the current status of each “annual” title on the periodicals shelf list on the first floor.

Subway Shaft Update

On Friday morning, April 29, State Senator Roy M. Goodman, joined by Congressman Edward I. Koch, City Councilman-at-Large Henry Stern, and representatives of the York Avenue community, held a curbside news conference to protest construction of a subway ventilation shaft and truck hoist which the Metropolitan Transit Authority has proposed be installed alongside the University's Faculty House. (See April news and notes.)

Newspaper reporters and reporters and camera crews from four major television channels, who gathered on the

corner of 63rd Street and York Avenue, had a chance to see at first hand a full-blown traffic jam which—quite coincidental to the press conference—was being caused by some minor digging on York Avenue. This unstaged tie-up was, according to the protestors, only a taste of the mayhem which is predicted if and when the MTA construction is undertaken.

The previous evening, Mayor Abraham Beame announced his decision to appoint an independent panel of experts to review the problem and to try to arrive at alternative suggestions that would be less disruptive to the medical, scientific, commercial, and residential facilities concentrated in this area.



PERSONALS

Born, March 23, to Professor **Michael J. Tannenbaum**, Experimental High-Energy Physics, and his wife, Barbara, née Moshinsky, a recreation consultant, a daughter, Nina Fay, their first child.

Efrain Derieux, copy technician, Graphic Services, was married on March 21 to Carmen R. Flores, a registered nurse.

Memorial Dedicates

A Symposium on Fundamental Research and Human Cancer will highlight the dedication ceremonies of the new Arnold and Marie Schwartz International Hall of Science for Cancer Research of the Memorial Sloan-Kettering Cancer Center, to be held on Thursday, May 26, in Caspary Auditorium from 9 A.M. to 1 P.M. All members of the Rockefeller community are invited to attend.

Rockefeller alumnus David Baltimore, American Cancer Society Professor of Microbiology at MIT, will be among the symposium speakers. Also participating will be Baruj Benacerraf and Howard Hiatt of Harvard; George Klein of the Karolinska Institute; Elwood V. Jensen, University of Chicago; Robert A. Good, president and director of Sloan-Kettering; and Sir Peter Medawar of the Clinical Research Center, Harrow, England.

SIDELIGHT ON HISTORY

Not long after The Rockefeller Hospital opened in 1910, it was decided that the Institute could save time and money by having its own pharmacist instead of sending out to the local drugstores. As a natural offshoot of the responsibilities of ordering, dispensing, and keeping stock of drugs and related supplies, the pharmacy soon became the purchasing service for the entire Institute. Its staff included an errand boy named Anthony J. Campo, who came to Rockefeller 60 years ago this month. The errand boy went on to a pharmacy degree from Columbia and to many years of service as the University's superintendent of purchases and chief pharmacist until his retirement in 1970.

State Senator Roy M. Goodman (center) is interviewed on subway shaft problem at curbside press conference, flanked by Congressman Edward I. Koch, right, and Rockefeller Vice President Albert Gold, left, who has been serving as spokesman for the University's administration.



Vera Keith receiving her gift from President Seitz



Exchanging reminiscences: William Hertwig, left, and Franklin Phillips

MILESTONES MARKED AT ANNUAL PARTY *continued from page 1*

since 1953 as a member and later as supervisor of the University's X-ray service.

The Hospital will be missing quite a number of familiar faces. Also retiring are Porter Franklin Phillips, a Hospital stalwart since 1955; Senior Clinic Nurse Viola Quinn, who leaves the University after 27 years to settle in New Jersey; and Frances Mosca, who retired in September after 20 years with the Hospital's food and housekeeping services.

Those honored for 25 years of service were: Laboratory Helper Mary Brady, Nurses' Aid Bertha Felder, Porter

Hugh Galloway, Laundry Supervisor William Hertwig, Vera Keith, director of Hospital food service, Alexander Kulynych, assistant supervisor of custodial services, Laboratory Helper Hamilton Lane, Professor James S. Murphy, Franciszek Parszuto, assistant supervisor of the Animal Facility, Elevator Mechanic Eduardo Principe, Warren Schaub, senior electronics technician, and James J. Stewart, superintendent of purchase and supply service and chief pharmacist.

Mrs. Mosca and Professor Murphy were unable to attend the celebration.

Melvin Miller Appointed

Melvin A. Miller, an artist whose career has included both fine arts and many years of experience in scientific and technological illustration and design, has been appointed chief technical illustrator with Graphic Services. He succeeds Sean Brennan, who left the University in February.

A native of Chicago, Mr. Miller studied at the Art Institute of Chicago and later at the Art Students' League in New York. During World War II, while still in his teens, he took a job as a draftsman at the Metallurgical Laboratory at the University of Chicago on a project that later moved to the Argonne National Laboratory, working under such people as Enrico Fermi, Leo Szilard, and Eugene Wigner. Only after the atom bomb was dropped did Mr. Miller realize what he had been participating in. In 1946, he made the first official drawing of the country's first chain reactor, of which no photographs were then permitted.

Mr. Miller has for many years produced technical illustrations for numerous textbooks and manuals. He has worked with marine architects, illustrated a children's book, and helped design scientific and technical equipment, including a crystallography camera. He

has also continued to pursue a career as a painter, mostly of portraits, figures, and landscapes, and has exhibited in group shows in Chicago, New York, and New England.

John Stevenson Gives Osborn Lecture

University Trustee John R. Stevenson delivered the fourth Fairfield Osborn Memorial Lecture on April 22 in Caspary Auditorium. His topic was Reflections on the Law of the Sea Negotiations.

An attorney and expert on international law, Mr. Stevenson has served as The Legal Advisor to the Department of State, holding the rank of Assistant Secretary, and was Ambassador and Special Representative of the President and Chairman of the U.S. Delegation to the Law of the Sea Conference. He is currently Public Chairman of the Advisory Committee on the Law of the Sea.

The Fairfield Osborn Lecture series on topics in environmental science is sponsored jointly by the New York Zoological Society, of which Osborn served as president for 28 years, The Conservation Foundation, which he founded, and The Rockefeller University.

APPOINTMENTS

Bessie Pei-Hsi Huang, Cell Biology, and Martin H. Huh, Cellular Biochemistry and Pharmacology, as assistant professors, effective April 1.

PROMOTIONS

Shridhar P. Damle, Biochemistry, to assistant professor, effective March 1.

DEATH

Michael Coyne, 64, on March 19. Mr. Coyne, a porter with Custodial Services, came to the University in 1955.

Survivalist Manifesto

The painting reproduced below is titled *An Admonition to Scientists*. The work of Professor Michael Mautner, Physical Chemistry, it is one of five acrylics on canvas on display through June 19 in Room 1436, Tower.

In the paintings and a related volume of poetry, *A Survivalist Manifesto*, Dr. Mautner elaborates on his opinion that "with the development of science and technology, mankind is acquiring the capacity to determine its own future evolution, survival, or demise. It is now imperative that the quest for indefinite human survival be explicitly defined as the basic tenet of ethics."

A native of Hungary, Dr. Mautner lived in Israel for 10 years and received a B.S. in chemistry from Hebrew University. He earned his Ph.D. at Rockefeller in 1975. He has been painting and writing for the past 10 years.

