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The Rockefeller University

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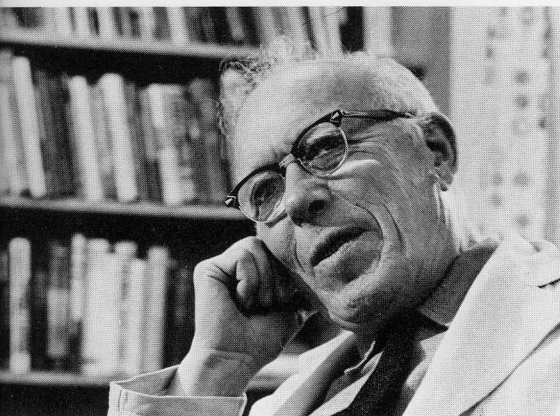
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THE ROCKEFELLER UNIVERSITY

news and notes



René Dubos, 1972

Morning and evening, summer and winter, walking back and forth from work, I give thanks to those who planted on the grounds of The Rockefeller Institute, more than half a century ago, the rows of sycamore trees which today look so noble against the background of New York City. Always also I have in mind the avenues of venerable trees along the roads of France, and in the parks where I played as a child. This is why I now plant and tend a few trees every year. I shall not live long enough to see them reach full size; nevertheless, I perceive them in all their glory with that marvelous sense organ which is peculiar to man, the imaginary vision of things to come.

Major Increases in Life Insurance Benefits

The University has a new life insurance plan, effective July 1, and the news is very good. All regular faculty and staff members will receive free life insurance coverage equal to their annual salary, up to a maximum of \$50,000. (Students, post-docs, and those employed less than half time are not eligible.)

There is more good news. Those wishing to make contributions of their own, so as to have more life insurance than the base sum provided by the University, will be able to do so at "age-scaled" rates which, for many, will be considerably lower than the flat rate charged under the old plan. There is special coverage for accidental death or dismemberment and increased coverage after retirement.

Detailed information is contained in a booklet which everyone on campus will receive from the personnel office. If you have additional questions, or if you are among those who should supply data (as explained in the booklet), please go to the personnel office in Founder's Hall before July 1.

Throughout my life I have associated with men of the past who have written books and have transmitted to me their thoughts, their feelings, and the atmosphere of their age. I, too, have written a few books, not with the illusion that they will be widely read, or alter the course of events, but with the hope of transmitting to some of my fellow men what I have received from so many others. I enjoy the thought of participating in the conversation which men have been carrying on from one land to the other across the centuries. It is this conversation which makes us what we are and helps each of us share in what all the others have experienced.

... Each one of us plays a part in the great human adventure... This is not an original nor a new philosophy. In fact, it corresponds to one of the most ancient and venerable human attitudes—the mysterious sense of responsibility towards the future, which has made so many men willing to work for causes that transcend their selfish interest. Concern for the future is the mark and the glory of the human condition. Men come and go, but however limited their individual strength, small their contribution, and short their life span, their efforts are never in vain because, like runners in a race, they hand on the torch of life.

René J. Dubos,
The Torch of Life, 1962

\$4 Million From Monsanto

The University has entered into an agreement with the Monsanto Company through which Monsanto will provide \$4 million, over a five-year period, in support of basic research in the plant molecular biology laboratory of Professor Nam-Hai Chua.

Under the terms of the agreement, the scope and nature of the laboratory's studies and publication of its scientific findings remain solely under the direction of Dr. Chua and his colleagues, and the University retains ownership and title to any inventions that may result from the research and patents granted. The University will grant licenses to Monsanto (consistent with government regulations) through which the company's scientists may apply knowledge gained from Dr. Chua's research to the development of commercial products for agricultural uses. "However," Howard A. Schneiderman, Monsanto's senior vice president, Research & Development, stressed, "we do not expect commercial products to arise" (continued on page 2)

Honoring Many Years of Service

Back in the 1930s two young scientists, Merrill W. Chase, an immunologist, and Rollin D. Hotchkiss, a biochemist and geneticist, joined the staff of what was then The Rockefeller Institute for Medical Research. At the University's annual anniversary and retirement dinner, held April 1, Dr. Chase and Dr. Hotchkiss were among those honored for their years of dedicated service to this institution.

This year, Dr. Chase is celebrating his golden anniversary at Rockefeller. He began as an assistant to Nobel Laureate Karl Landsteiner, working with him until Landsteiner's death in 1943. After a number of years in the laboratory of the late René J. Dubos, Dr. Chase established his own laboratory in 1956. He became emeritus in 1976.

Dr. Hotchkiss, who becomes emeritus this year, came to The Rockefeller in 1935 as a fellow in the laboratory of the late Oswald T. Avery, pioneer of DNA research. Among his many achievements, Dr. Hotchkiss has developed methods for quantitative study of transformation, the experimental transfer of genetic material from one bacterium to another.

Professor Maclyn McCarty, whose 40th anniversary was celebrated last June, was among 23 other members of the campus community also honored at the dinner, which took place on the 17th floor of the Tower, presided over by President Lederberg.

The retirees are Victoria Avramoff (18 years), Angel Blanco (18 years), Charles Collins (23 years), Pedro Garay (27 years),

(continued on page 3)



Bronk lab, Tuesday, March 30, around 8 A.M. (See story page 4.)

RENÉ JULES DUBOS • 1901-1982

René J. Dubos, microbiologist and author, died on February 20, 1982 on his 81st birthday. Revered throughout the world for his leadership of the environmental movement, his persistent message was one of deep faith in our human ability to improve our earth if we but have the will to do it. With the exception of two years at Harvard in the 1940s, Dr. Dubos spent his entire career at Rockefeller.

He was born in the small village of Saint Brice, France, and studied agricultural science in Paris. He worked for two years at an agricultural institute of the League of Nations in Rome and then, at the age of 23, out of a spirit of adventure, came to the United States. In 1927, he earned a Ph.D. in soil microbiology from Rutgers University and then applied for a National Research Council fellowship. His application was denied because he was still, at that time, an alien; but the secretary who sent the rejection letter suggested that he seek advice from his countryman, Alexis Carrel, at The Rockefeller Institute for Medical Research. He followed the suggestion and his visit to the Institute resulted in an appointment to Oswald Avery's laboratory. Half a century later, in his book *The Professor, The Institute, and DNA*, Dr. Dubos paid loving tribute to his mentor and to The Rockefeller.

Dr. Dubos' work as a microbiologist, particularly his isolation of an antibacterial substance from a soil organism, led to the development of antibiotics. His concern with the problems of environmental degradation and pollution grew out of his study of tuberculosis and other diseases, through which he came to believe that the character and quality of our physical and social milieu have a direct bearing on our health. He wrote, lectured, and traveled tirelessly, up to his final illness, to promote environmental care. His motto, "Think globally, act locally," is the motto of the René Dubos Center for Human Environments in Riverdale, New York, opened in 1980.

The range of subjects of his more than 20 books reflects his many involvements—science, history, philosophy, humanism, and, to quote one of his titles, *The Wooing of the Earth*. In 1969, he received the Pulitzer Prize for *So Human an Animal*. Of the scores of awards he won, including 40 honorary degrees, the one that was closest to him came from this institution in 1975. In presenting him for his honorary degree, Dr. James G. Hirsch expressed the sentiments of the campus community in these words:

"René Dubos' record of accomplishments is extraordinarily impressive in versatility as well as quality—microbiologist par excellence and pioneer of the antibiotic era, famous experimental pathologist, founding father and spokesman of the modern movement concerned with man and his environment, renowned author—a Renaissance man indeed. The characteristics that underlie this record include, obviously, brilliance and love of work, but there is more than

that. René is characterized further by some of his own book titles that are apt descriptions of the author. He began as a 'free lance of science;' his life and career exemplify well 'man adapting;' he is and has always been 'so human an animal.'...René, The Rockefeller has been your home for essentially all of your professional life. Here are your colleagues and your warmest memories, here are your beloved rows of plane trees, here are some of us who think with pride of ourselves as your sons."

Dr. Dubos is survived by his wife, Jean.

Requiem at St. John the Divine Honors Dubos

On May 23, Berlioz' *Requiem* will be presented at The Cathedral Church of Saint John the Divine, in honor of René J. Dubos, as part of the Music for a Great Space annual concert series.

In 1977, the first concert of this series was made possible through a donation from Dr. Dubos, who was a colleague of the cathedral, located at 1047 Amsterdam Avenue. The concert is free and open to the public.

Safety Notes

The department of laboratory safety reports that it has received many inquiries about the potential hazard of smoke detectors. According to the department, two types of detectors are available, the more expensive photoelectric type and the more common ionizing models. Ionizing detectors contain one microcurie of americium 241. Americium is primarily a source of alpha radiation and is not considered to pose a health hazard by the New York City Department of Health unless the foil in which the source is contained is broken and the isotope is internalized. It appears more hazardous not to have a smoke detector as a means of fire protection.

Also, the University safety committee has asked *news and notes* to remind everyone that lab coats should be worn in the laboratory and not outside it. In particular, the practice of wearing lab coats to the cafeteria and lecture rooms should be discontinued.

Volunteers Needed

Volunteers who can give at least two hours a week are needed by Recording for the Blind, a non-profit organization which helps blind students complete their education by providing taped textbooks. There is a special need for readers and tape editors who are familiar with scientific terms. For more information, write Sheila V. Brand at Recording for the Blind, 215 East 58th Street, New York, N.Y. 10022.

HONORS & AWARDS

Trustee **Frank T. Cary**, chairman of the board of IBM, was the recipient of the De La Salle Medal of Manhattan College. He was cited for his "exemplary service to the moral, cultural, and educational life of the nation."

A conference on Immunological Tolerance to Self and Non-Self, sponsored by the New York Academy of Sciences in October, was dedicated to Professor **Merrill W. Chase**, Immunology and Hypersensitivity. Dr. Chase delivered a lecture on Induction of Tolerance to Allergenic Chemicals.

Professor **René J. Dubos** was awarded the New York Academy of Medicine Medal posthumously on April 15.

Professor **Maclyn McCarty**, Bacteriology and Immunology, was awarded the Order of the Republic in the First Degree by the Egyptian government in February. The award, signed by the late Egyptian President Anwar Sadat, was presented by the Egyptian Minister of Health at a meeting of the Advisory Board of the Biomedical Research Center for Infectious Diseases of the Ministry of Health, of which Dr. McCarty has been a member since 1978.

MONSANTO (continued from page 1)

directly from Professor Chua's investigations."

In announcing the agreement, President Lederberg made clear that the research to be sponsored by Monsanto had been initiated by Dr. Chua and is in an area where the sponsor's goals coincide with the University's scientific interests.

The funds provided by Monsanto for the research project will support postdoctoral fellows and junior faculty, the purchase of scientific equipment and research supplies, the renovation of laboratory facilities, and full indirect costs.

"In these times of economic stringency and cutbacks in government funding," Dr. Lederberg stated, "the University must look to the private sector for the additional support needed to maintain the flexibility and independence vital to creative science. Private support generally is essential to help sustain ongoing programs and start new lines of research. Corporate collaboration and support, in particular, as exemplified by this agreement with Monsanto, can stimulate the transfer and application of new scientific knowledge to public concerns."

Dr. Chua has made significant contributions to the understanding of the biogenesis of chloroplasts. These cell organelles carry out photosynthesis, the process by which green plants utilize energy from sunlight to manufacture complex organic molecules, particularly sugar, from simple inorganic substances. The Monsanto-supported research project will be concerned with the structure and regulation of plant genes involved in photosynthesis.

*HONORING MANY YEARS (continued
from page 1)*

Theresa J. Harding (18 years), Agnes Hensal (22 years), Mary Iannazzo (27 years), Juliet Palermo (11 years), Herman W. Richter (20 years), Sirarpy Torossian (14 years), Julia Vazquez (22 years), and Luvenia Walton (27 years).

Those marking 25th anniversaries are Charles Baird, Dr. Purnell W. Choppin, Dr. Zanvil A. Cohn, Marie A. Conroy, Dr. Gerald M. Edelman, DeWitt Harrison, Yvonne Holland, Dr. Virginia C. Littau, Dr. Martin A. Rizack, and Dr. Robert L. Schoenfeld.

Mrs. Avramoff came to the University in 1963 as a ward helper and was appointed a nurse's aide in 1972.

Mr. Blanco, who began as a gateman in 1964, was appointed security guard and then assistant security officer in 1969, and security lieutenant in 1972. He is now planning to return to his native Spain, where he has a chalet.

Mr. Collins was a navy chef before joining the University's ranks in 1959. He was cook in Abby Aldrich Rockefeller Hall until 1971 when he moved over to the cafeteria.

Mr. Garay has been with the University since 1955 when he joined the staff as a cabinetmaker. He is planning to spend the winter months in Puerto Rico or Florida.

Mrs. Harding, who has retired as assistant supervisor of custodial services, started in 1963 as a night cleaner. She was appointed senior night cleaner in 1971 and assistant supervisor in 1975.

Mrs. Hensal first joined the University as a general duty nurse in 1946, rising to

senior nurse in 1952. She left the University in 1954, and returned in 1968. She was appointed relief night supervisor and then day supervisor in 1970. She became supervisor of the employee health office in 1976.

Mrs. Iannazzo, whose father was a laboratory technician in the laboratory of Hideyo Noguchi from 1914 to 1918, joined the University in 1954 as a lab helper. In 1972, she was appointed duplicating operator in graphic services.

Mrs. Palermo has worked as a night cleaner, ward helper, and nurse's aide since coming to Rockefeller in 1971.

Mr. Richter came to the University in 1962 as a painter. He was appointed assistant foreman later that year and foreman in 1963. (See story page 4.)

Mrs. Torossian is a different kind of painter who learned her craft at the Academy of Fine Arts in Bucharest. Starting as a chartist in graphic services in 1967, she was appointed artist in 1971 and technical illustrator in 1974. She plans to spend time painting and traveling, including a visit to Rumania, her native country.

Mrs. Vazquez has been a member of the University's staff since 1959 when she was appointed pastry maid in Welch Hall. In 1971, she was appointed food helper in the cafeteria.

Mrs. Walton joined the Hospital's ranks as a cleaner in 1955. She was appointed to housekeeping services in 1971 and to custodial services in 1976.

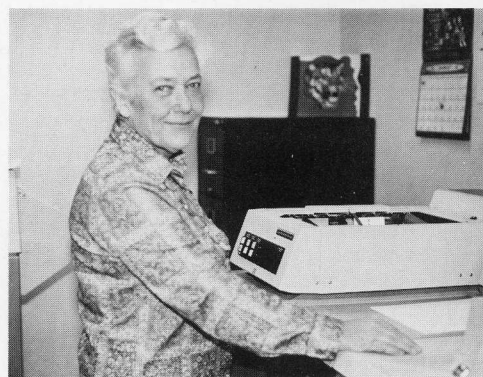
Dr. Cohn, Mrs. Iannazzo, Mrs. Palermo, Mr. Richter, Dr. Rizack, and Mrs. Torossian were honored in absentia.



Celebrating almost a century of service between them: Merrill Chase, left, and Rollin Hotchkiss.



At the retirement party, Maclyn Carty, left, and President Lederberg.



Retiree Mary Iannazzo in the copy center.



Celebrating 25 years at the University are, from left to right: Virginia Littau, Yvonne Holland, Charles Baird, Marie Conroy, DeWitt Harrison, Robert Schoenfeld, Purnell Choppin, and Gerald Edelman. Far right, Dr. William O. Baker, chairman, University board of trustees.



Retiree Sirarpy Torossian at her drawing board in graphic services.



Board Chairman William O. Baker, third from left, and President Lederberg, center, with retirees. Left to right: Charles Collins, Julia Vazquez, Agnes Hensal, Angel Blanco, Theresa Harding, Pedro Garay, and Luvenia Walton.



Food Services Manager Jeremiah Barry congratulates Charles Collins and Julia Vazquez at their retirement party on page 30.

New Neurosciences Institute at University

Through a recent agreement with the Neurosciences Research Foundation, the University has become home base for the Neurosciences Institute, a new activity of the foundation's Neurosciences Research Program (NRP).

Professor Gerald M. Edelman of the University's laboratory of developmental and molecular biology is the director of the Neurosciences Institute and scientific chairman of NRP. The day-to-day operations of the institute are in the charge of Professor W. Einar Gall, who is research director of NRP. The institute is temporarily housed in the Plaza building. Later this year, the entire NRP, which is under the direction of Dr. Vernon Mountcastle of The Johns Hopkins University, will move to Rockefeller, to newly renovated quarters in the Smith Hall Annex.

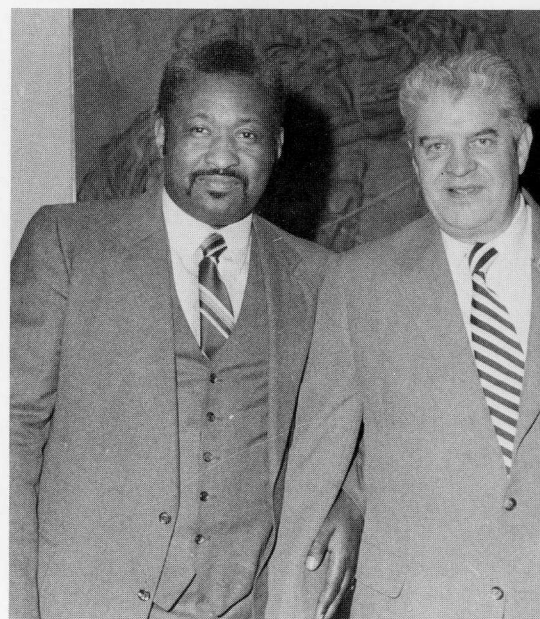
A major goal of the institute is to bring together scientists from a variety of fields to consider new approaches to studies of brain function. Visiting for periods lasting from several days to several months, they will work together to design new experiments to be carried on in their home

laboratories. The facilities of the institute will be open to scientists from all over the world. Proposals for activities for institute sponsorship are evaluated by a Scientific Advisory Committee under the chairmanship of Dr. W. Maxwell Cowan of The Salk Institute.

Sponsorship and direction of the activities of the NRP and the Neurosciences Institute are provided through the Neurosciences Research Foundation, a publicly supported not-for-profit organization founded in 1962 to carry on educational programs intended to inform interested scientists and others of developments in neuroscience and related disciplines. The chairman of the foundation's board of trustees is William T. Golden, who is a trustee of several other scientific and educational institutions and a member of The Rockefeller University Council.

"Although the new institute is not formally a part of the University, it is our hope that its presence on campus will lead to many mutually beneficial interactions between visiting scientists and our own faculty," says Dr. Edelman.

Richter Retires, Baird Heads Paint Shop



Charles Baird, left, and Herman Richter

FIRE IN BRONK LAB

On March 30, a fire broke out in Room 512 of Bronk Lab, destroying the laboratory of Professor Paul Lizardi and damaging three adjacent rooms. Rooms directly below, on the fourth and third floors, suffered some water damage and there was smoke damage on the sixth floor.



Plant operations men at scene of fire. Left to right: Thomas Mineo, Thomas McGinnity, Ronald Sauers, and Robert Channell.



Cleanup begins. John Waffenschmidt, front.

There were no injuries and there was no structural weakening of the building as a result of the fire.

Soon after the blaze was put out, inspectors from the radiation bureau of the New York City Department of Health and from the Environmental Protection Agency confirmed that no danger from toxic chemicals or radioisotopes was present. Contrary to a few early reports in the public press and on radio which referred to the site of the fire as a "radiation lab," Dr. Lizardi's laboratory contained only small quantities of low-level radioactive tracers used to study cell processes. Had any — or all — of the material escaped, it would have posed no health hazard. As it happened, all the radioactive materials were retrieved intact from the refrigerator in which they had been stored.

The members of the University's department of laboratory safety and the crews of plant operations worked tirelessly after the fire to restore order and assess damage and potential hazards. Special thanks is owed to the men from plant operations who, alerted by the fire-warning signal, went into the smoke-filled building, before the fire companies arrived, to make sure no one was in the area. The University also extends its gratitude to the 3rd and 10th battalion of the New York City Fire Department. Dr. Edward Gershey, director of the department of laboratory safety, reports that the firemen took great care to protect lab equipment and research material from what otherwise could have been far more extensive water damage.

As *news and notes* went to press, a fire department spokesman had stated that the cause of the fire was accidental and electrical in origin.

In 1950, Herman Richter applied for the job of foreman of the paint shop at the suggestion of his friend Kenneth Schmitt. Barney Lupinek, superintendent of what was then called buildings and grounds, thought he was too young and jokingly told him to go home and send his father. So he did. Thus began a 32-year Richter reign at Rockefeller. Herman Richter, Sr., a painter of many years' experience, took the job while Herman Richter, Jr. went on to head painting shops elsewhere. In 1962, son joined father at the University, and a year later, when senior retired, junior took over.

Herman Richter retired on March 1. He and his wife, Virginia, who have asked *news and notes* to extend their warmest thanks to all their University friends for the "wonderful farewell party," have moved to a new home in Port Richey, Florida, with a swimming pool and plenty of room for the grandchildren. (Neighbors in the area are Mr. and Mrs. Paul Penndorf and Mrs. Irene Schall.)

Mr. Richter, who describes himself as a person with "an insatiable curiosity about how things work," started out as a printer and also holds a license as a refrigeration systems operator. He has enjoyed the kind of challenges that working at the University has presented, such as investigating whether certain paints or varnishes may have adverse effects on laboratory materials. His esthetic involvements, too, extend beyond the color of a wall. He is an accomplished amateur landscape painter and photographer.

The supervision of the paint shop remains, in a sense, in the family. The new foreman is Charles Baird, who was hired in 1956 by Mr. Richter's father. He has been assistant foreman since 1970.

Harrigan Appointed Controller



John Harrigan

John J. Harrigan, a member of the accounting firm of Peat, Marwick, Mitchell & Co. for 18 years and more recently associate controller for accounting and financial reporting at Columbia University, has been appointed controller at Rockefeller.

In announcing Mr. Harrigan's appointment, which became effective April 1, President Lederberg noted that the University was fortunate to acquire the services of a financial professional with such broad experience in working with not-for-profit and educational institutions. In his new post, Mr. Harrigan will take over the duties of former Accounting Manager Adam Alberico, who left the University last fall, and he will relieve Vice President David Lyons of a variety of financial duties which Mr. Lyons has been handling jointly with his other responsibilities as vice president.

A native New Yorker, born not far from the Rockefeller campus, Mr. Harrigan is a graduate of Iona College, where he received the Henry M. Ryan Memorial Accountancy Gold Medal, and of the Graduate School of Business Administration of St. John's University, New York, where he received a fellowship award for excellence in accounting. He was administrative assistant to the dean of the graduate school and taught in the undergraduate division of St. John's.

Beginning with Peat, Marwick, Mitchell in 1963 as an accountant, he served as manager of professional practice from 1975 to 1981 with special emphasis on audit procedures for not-for-profit organizations, among them, The Rockefeller University. As he puts it: "I'm not a stranger to this campus."

CONVOCATION

The University's 24th convocation for conferring degrees will be held on Wednesday, June 2, in Caspary Auditorium.

IN PRINT

Ethology: The Mechanisms and Evolution of Behavior by James L. Gould, 1975 Rockefeller graduate and associate professor of biology at Princeton University, has been published by W.W. Norton & Company. The 544-page volume examines what researchers have learned about the effects of such factors as genetics, ecology, learning, and social interaction on the behavior of various species including man. Dr. Gould, whose thesis research was on communication among honey bees, dedicated the book to his Rockefeller advisor, Professor Donald R. Griffin.

The Cosmic Code: Quantum Physics as the Language of Nature by Professor **Heinz R. Pagels** (see *news and notes*, February-March 1982) has been chosen as a Book of the Month Club-Science selection, Preferred Choice Bookplan selection, Library of Science Book Club main selection, and Astronomy Book Club alternate.

BRIEFS

Professor **Hiroshi Asanuma**, Neurophysiology, gave an invited lecture on Structure and Function of the Motor Cortex at the annual meeting of the Japanese Physiological Society on March 31 in Tokyo, under the sponsorship of the Japanese Council for the Promotion of Science.

Professor **M.A.B. Bég**, Theoretical Physics, was a guest lecturer at the University of California at Los Angeles during the month of February. His lectures were on Unified Gauge Theories of Elementary Particle Interactions.

Professor **Merrill W. Chase**, Immunology and Hypersensitivity, delivered a lecture on The Developing Knowledge of Cell-Mediated Hypersensitivity at the Immunology Council Seminar at Johns Hopkins Medical School, Baltimore, February 2.

Professor **Frederick Vosburgh**, Biochemistry, has been named to the National Advisory Research Resources Council of the National Institutes of Health, an 18-member board that reviews applications for NIH grants in a variety of research areas.

A Winning Cellist

Biomedical Fellow David E. Fisher, who came to the University in 1979, is an accomplished cellist who has performed in concert at Rockefeller and elsewhere. (See *news and notes*, June-July 1980.) In March, he won the 1982 Artists International Competition. Artists International, a federation of performing musicians, will manage and sponsor him in his New York debut recital in Carnegie Recital Hall in the spring of 1983.

New Housing Planned

The board of trustees has authorized the University administration to proceed with planning studies for a new faculty residence building to be erected near Faculty House, utilizing part of the air space over the FDR Drive to which the University was granted rights in 1973.

Preliminary architectural and engineering studies, to confirm the feasibility of such a structure, have been completed. The University must now follow procedures necessary for governmental approvals. These include review by city officials, the filing of an environmental impact statement, and public hearings. If approval is granted, construction could begin in 1983.

Present plans call for a building with a maximum of 250 units comparable to those in Faculty House. (It will be positioned to minimize obstruction of the views from Faculty House.) The planning calls for common areas such as a library, meeting rooms, computer terminal room, and indoor and outdoor recreational facilities for older children, to complement the play areas for younger children at Faculty House. All facilities of both residences will be for the use of tenants of both.

In presenting the plan, President Lederberg has stated: "It is painfully obvious that the University must provide additional housing for newcomers to the University. Toward that end, we are actively seeking additional funding in support of the proposed new residence."

PERSONALS

Born February 2, to **Robert Schultze**, manager of technical services, Laboratory Animal Research Center, and his wife, Janet, a son, Daniel Ian, their first child.

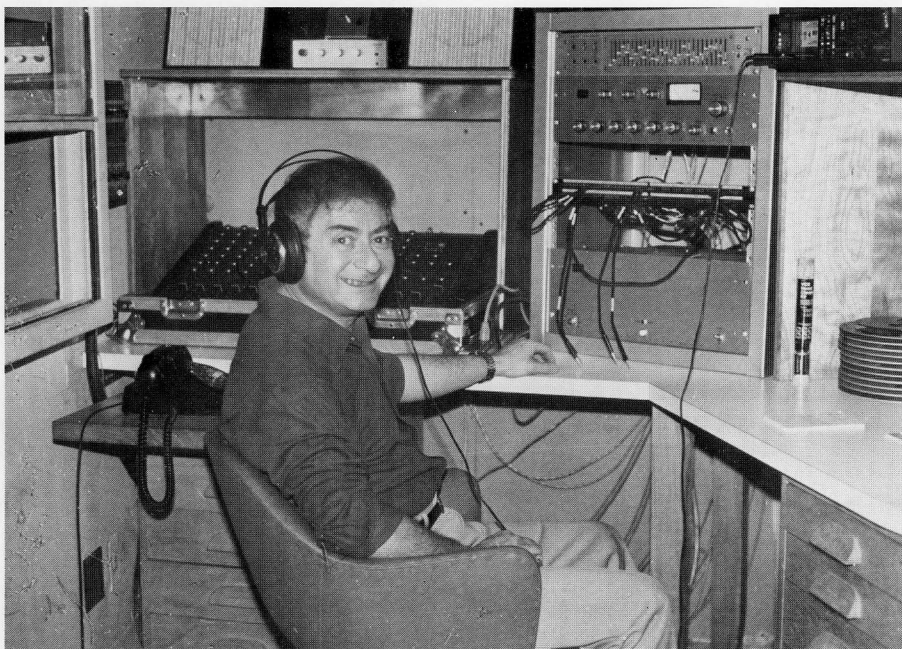
DEATHS

Jacob Bronner, 85, a laboratory technician from 1954 until his retirement in 1964, on January 23.

Willie Rivers, 63, a porter in janitorial services from 1974 to 1976, husband of Pearl Rivers, a night cleaner, on March 20.

April Came In Like A Lion





Leonard Greenspan of graphic services tries out new audio system installed in Caspary Auditorium as part of an ongoing improvement of the audiovisual facilities at the University. The modern solid state equipment will increase the microphone capacity threefold.

Lancefield Memorial

"The world of science has lost a giant and all of us have lost a great friend," said Dr. Carol J. Baker, one of the speakers at a recent memorial service for Rebecca C. Lancefield, an international authority on streptococcus, who died last year.

Dr. Baker, professor of pediatrics, microbiology, and immunology at the Baylor College of Medicine, recalled how, ten years ago, a letter she wrote to Dr. Lancefield resulted in an immediate and helpful response which included a warm invitation for Dr. Baker to come to Rockefeller and study with Dr. Lancefield.

"One of her most outstanding characteristics was humility. If she was in the audience today, she would gently chastise me for exaggerating."

Professor Maclyn McCarty, Dr. Lancefield's co-leader in the University's laboratory of bacteriology and immunology, spoke on her early years of research; Professor Stuart Elliott, Cambridge University, England, on her international reputation; and Lewis W. Wannamaker, professor of pediatrics and microbiology at the University of Minnesota and an adjunct at Rockefeller, on the impact of her research on the understanding of rheumatic fever and glomerulonephritis.

news and notes is published five times a year from October through July. This is Volume 13, Number 4. Suggestions for articles are welcome and may be sent to *news and notes*, Box 194, phone extensions 8968 or 8970. Photographs: Paul Archibald: page 3, bottom right; Henrik Boudakian: page 3, top and bottom left, top and second from top, right; George Byrom: page 4, top left and right; Lorraine Corsale: page 3, fourth from top, right; Department of Agriculture: page 1, left; Dr. Timothy DeVoogd: page 1, right; Cheryl A. Weinstock: page 3, third from top, right, page 4, bottom left, pages 5 and 6. © The Rockefeller University Press, New York 10021-6399. Printed in the United States of America.

PROMOTIONS

Nicholas Chiorazzi, Immunology, to associate professor, effective January 1.

Paul B. Lazarow, Biochemical Cytology, to associate professor, effective February 1.

Jay C. Unkeless, Cellular Physiology and Immunology, to associate professor, effective February 1.

James T. Linnemann, Experimental High-Energy Physics, to senior research associate, effective January 1.

Paul A. Fisher, Cell biology, to assistant professor, effective December 1, 1981.

Alan D. Miller, Neurophysiology, to assistant professor, effective April 1.

Edward Franklin Dies

Dr. Edward C. Franklin, an international authority on the human immune system and professor of medicine at New York University School of Medicine, died on February 20 at the age of 53. He was an assistant member in the immunology laboratory of Professor Henry G. Kunkel from 1955 to 1958. During that time, Dr. Franklin isolated and characterized the rheumatoid factor as an antibody to gamma globulin. His work on rheumatoid arthritis and his description of heavy chain disease, frequently termed Franklin's disease, brought him wide recognition.

Lab Report: Anorexia

Anorexia nervosa is a disorder in which the sufferers, usually severely depressed adolescent girls and young women, starve themselves, sometimes to the point of death. In recent years, anorexia and the related condition of bulimia (compulsive binge eating which occurs periodically in about half of anorexia patients) have been recognized as serious and prevalent disorders.

Professor Sarah F. Leibowitz, a member of the physiological psychology laboratory of Professor Neal E. Miller, studies brain mechanisms of appetite regulation. Some years ago she established the existence of neurochemical systems in the hypothalamic region of the brain that regulate appetite and satiety. She has been mapping the pathways of these systems and studying their biochemistry. As part of her recent research, she has developed an animal model of anorexia, inducing anorexia and bulimia in rats, by manipulating brain chemistry and following the events that occur.

Dr. Leibowitz has been invited to speak on this topic at a number of international meetings, including The World Congress of Biological Psychiatry in Stockholm and National Institutes of Health-sponsored meetings in Canada. Next September she will participate in The European Conference on Psychosomatic Research in The Netherlands. This April, she served as a consultant to the National Institute of Mental Health during tests to study and assess the physiological effects of various antidepressant drugs currently used in anorexia therapy.

Better understanding of anorexia is important for helping not only its primary victims but also those who suffer cancer-induced anorexia, another area under study in Dr. Leibowitz's laboratory.

APPOINTMENTS

William R. Levis, chief, Dermatology Department, Bayley Seton Hospital, Staten Island, New York, as a member of the adjunct faculty, Cellular Physiology and Immunology, effective January 1.

Bijan Safai, chief of dermatology, Memorial Sloan-Kettering Cancer Center, and **George W. Hambrick, Jr.**, co-head, Division of Dermatology, Department of Medicine, New York Hospital-Cornell Medical Center, as members of the adjunct faculty, Experimental Dermatology, effective March 1.

Subway tokens are being sold at the cashier's office between 10 A.M. and 2 P.M. Purchases can be made by the roll containing 10 tokens for \$7.50.