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DECEMBER 1982 - JANUARY 1983
VOLUME 14 NUMBER 2

THE ROCKEFELLER UNIVERSITY

news and notes



THE PRESIDENT'S COLUMN

During this traditional season for reflecting on the year that is coming to a close, I cannot help thinking that 1982 has been a particularly eventful one for this University. Certainly it has seen dramatic changes in our campus buildings, as service facilities have been upgraded and many laboratories and offices have undergone long-overdue renovation.

An important part of our massive reconstruction effort has centered on preparations for new groups that have recently joined the University or soon will. These appointments represent the culmination of long and careful deliberation by many members of our faculty, working in concert with the administration and the board

of trustees, and their outstanding calibre gives us cause to be very proud. This summer we had the pleasure of welcoming to our ranks Professor George Cross, who came from England with unique qualifications for establishing a laboratory of molecular parasitology. His arrival was followed by that of Professor Emil T. Kaiser, whose brilliant work in bioorganic chemistry and biochemistry is described in this issue of *news and notes*. Dr. Kaiser's presence on this campus was one of the last benefactions of many that this institution was privileged to receive for so long from Stanford Moore, who headed the search committee.

In the fall, Professor Robert Roeder joined us to add further strength to the University's distinguished corps of researchers in molecular biology and biochemistry. In the months to come, we look forward to greeting Professor Tor-

Lasker to Hanafusa

Professor Hidesaburo Hanafusa, head of the University's laboratory of viral oncology, was one of five recipients of a 1982 Albert Lasker Basic Medical Research Award, presented on November 19 by the Albert and Mary Lasker Foundation. The award honored studies leading to deeper understanding of how normal cells become cancer cells. These studies

(continued on page 2)

sten Wiesel, recipient of a 1981 Nobel Prize for his research in the neurophysiology of vision, and Professor Paul Greengard, a leading figure in brain neurochemistry. I am also delighted to report that in September Professor D. Martin Carter, one of the early new appointees, moved

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\$3 Million from Andrew W. Mellon Foundation

The Andrew W. Mellon Foundation has awarded the University a five-year, \$3 million grant in support of new research in molecular biology. Of that sum, \$2.5 million will support young investigators on the pre- and postdoctoral levels, and the remaining \$500,000 will go toward the cost of necessary equipment for this research.

In announcing the gift, President Lederberg said: "At a time when federal funding for science has tightened, it is vitally important that the University continue to be able to attract the best young people to its laboratories. We are particularly happy that the Andrew W. Mellon foundation, which has so generously helped to support our programs for more than a decade, shares the University's eagerness to expand our capabilities in the molecular analysis of biological and medical problems. This is an area which shows every sign of producing another cycle of revolutionary progress over the next generation." □

Meyer Chair for Cross

Professor George A. M. Cross, who joined the University in July to establish a laboratory of molecular parasitology, has been named André and Bella Meyer Professor under a \$1.25 million grant from the André and Bella Meyer Foundation.

The late André Meyer, who was a senior partner in the banking firm of Lazard-Frères, became interested in the University's programs 10 years ago, at which time the philanthropic foundation named for himself and his wife gave the University \$2 million to endow two postdoctoral fellowships. These are currently held by Lee Rubin, an assistant professor in the biophysics laboratory of Professor Alexander Mauro, and Michael Young, an assistant professor in the genetics laboratory of Professor Norton D. Zinder. Mrs. Meyer served briefly on the Rockefeller University Council until her death in 1980, a few months after her husband's death.

"The new professorship," says President Lederberg, "reflects the Meyers' stated desire to support research related to international health. Research in parasitic diseases, which afflict millions of people primarily in poor and underdeveloped nations, may be the most important contribution that biological science can make to human welfare in this decade."

Dr. Cross, whose work was described in the October-November issue of *news and notes*, came to Rockefeller from the Wellcome Research Laboratories in England. He studies parasitic protozoa, mainly the African trypanosomes, a group of parasites that cause sleeping sickness in human beings and are responsible for widespread destruction of cattle herds. □

LASKER TO HANAFUSA

continued from page 1

have resulted in a new theory of "oncogenes," genes present as normal constituents in all cells which, under certain circumstances, can induce the cells to become cancerous.

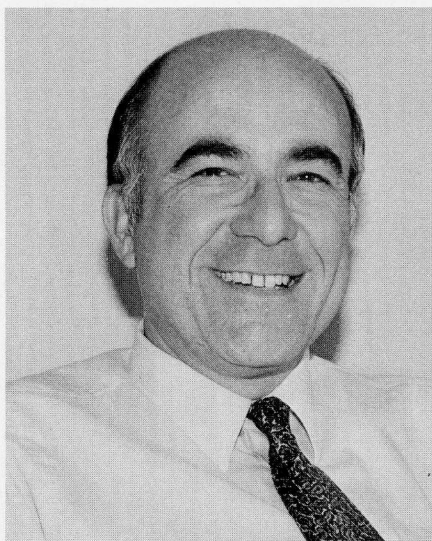
The discovery of oncogenes was achieved through investigations of tumor-inducing viruses in animals. Dr. Hanafusa's laboratory studies tumor viruses in birds, particularly Rous sarcoma virus, first isolated in chickens by Peyton Rous at Rockefeller early in the century. (This was the first demonstration of the existence of animal tumor viruses.) At the award ceremony, Dr. Hanafusa was cited for his experiments "combining scientific imagination with meticulous laboratory techniques" which, among other findings, revealed the mechanism by which tumor viruses recombine with oncogenes in normal cells to trigger the cancer process. (See *news and notes*, July 1979.) □

Rifkin Named Associate Dean

Professor Mary R. Rifkin has been named associate dean of graduate studies, succeeding Professor William A. Scott. In her new post, she will spend half her time working with Dean Clarence M. Connelly in the administration of the graduate program and in the selection of new students.

A member of the medical biochemistry laboratory of Professor Anthony Cerami, Dr. Rifkin is herself a Rockefeller graduate. She earned her Ph.D. in cell biology in 1969 under the supervision of Professor David Luck. She was a research associate with Dr. Luck and later with Professor William Trager. She was appointed an assistant professor in 1976 and joined Dr. Cerami's group in 1981. Her research is on trypanosomes, protozoa which are responsible for a number of parasitic diseases in human beings and other mammals. □

Kaiser to Head New Biochemistry Lab



Emil Kaiser

Emil T. Kaiser, formerly Louis Block Professor of Chemistry and Biochemistry at the University of Chicago, has been appointed a professor at Rockefeller and will head a new laboratory of bioorganic chemistry and biochemistry.

His research focuses on the structure and function of enzymes and other catalytic agents, both naturally occurring and synthetic.

In his early work, Dr. Kaiser demonstrated how certain enzymes function in the heart, lungs, and pancreas, and explained how an enzyme's chemical structure relates to its function. More recently he developed several new species of catalysts tailored to perform specific tasks. In a pioneering experiment, he combined the active site of an enzyme that facilitates reactions between water and proteins with a simple organic compound. The resulting substance catalyzed the reactions of materials, such as those found in human cells, with oxygen.

Dr. Kaiser has also synthesized new

peptides that can bind lipids, inhibit enzyme action, and prevent the formation of kidney stones. By stringing together amino acids, he has synthesized several polypeptides with useful hormonal properties.

Dr. Kaiser was born in Budapest, Hungary in 1938, and came to the United States as an infant. He received a B.S. from the University of Chicago in 1956. Three years later he had earned an M.A. and Ph.D. in chemistry from Harvard University. He did postdoctoral research at Harvard and Northwestern Universities, and was a National Institutes of Health postdoctoral fellow.

In 1961 he was named assistant professor at Washington University in St. Louis. Two years later he joined the faculty of the University of Chicago as an assistant professor, and was named associate professor in 1967 and professor in 1970.

Dr. Kaiser has served on many boards and committees, including the editorial board of *The Journal of the American Chemical Society*, the organizing committee for the First Conference on the Chemistry and Mechanisms of Enzyme Action, the National Institutes of Health panel evaluating grant proposals in medicinal chemistry, and the scientific advisory board of the Robert A. Welch Foundation. He has also been director of the Center for Bioorganic and Bioinorganic Chemistry, and was Robert A. Welch lecturer at several universities in Texas.

Working with Dr. Kaiser are: Assistant Professor Susan Bock and Senior Research Associate Joseph B. Vaughn; Jacky Blanc, Neal H. Bramson, Michael Doughty, Soumitra Ghosh, David S. Lawrence, Kazys Martinkus, Czeslaw Radjiewski, and Ann E. Shinnar, who hold postdoctoral positions; Nancy Thomas, graduate fellow; Joanna Harris and Mairead Bray, assistants for research; and Deborah L. Hoose, secretary. □

Thanksgiving Lasagna



From left to right: Drs. Hartman and Khuri, and ADP staff members Naomi Selvin, Ray Rodriguez, Jean Craig, and Carmen Espinosa; right foreground, Nefiali Martinez.

On Monday, November 22, the Adolescent Development Program had its annual Thanksgiving dinner. One of the traditions of the event for the past couple of years has been Neil Hartman's lasagna, which may not sound very traditional for Thanksgiving, but as Dr. Hartman says, "everyone seems to like it. My wife makes the sauce."

The dinner is more than a gesture. It symbolizes the program's character. ADP is a methadone clinic and the people it serves are former heroin addicts. Dr. Hartman, Public Health Fellow in Drug Abuse, is one of a staff of physicians, nurses, and counselors dedicated to helping these young people lead normal, productive lives.

"Our job is not just to dispense methadone," says Dr. Elizabeth Khuri, clinical director (and sometime turkey chef). "This is a therapeutic community where we try to confront the social and psychological determinants of drug addiction."

Begun in 1969, ADP was the first medi-

cal program to address the problems of young narcotics addicts. It has since become a model studied by drug-abuse workers all over the world. It grew out of the work of Professor Vincent P. Dole, head of the University's laboratory of the biology of addictive diseases, and Senior Research Associate Marie Nyswander, developers of methadone maintenance as a treatment to block heroin craving and avoid the extreme mood shifts characteristic of heroin addiction. Originally at Rockefeller, ADP is now at 411th East 69 Street and is run by the Department of Public Health of Cornell University Medical College. It is under the administrative direction of Dr. Robert Millman, director of the Substance Abuse Service of Payne Whitney Clinic and the New York Hospital-Cornell Medical Center. The day-to-day operation is the responsibility of Dr. Khuri, who holds appointments at Cornell and as a visiting physician at Rockefeller.

Dr. Hartman's responsibilities at ADP

involve medical and psychological evaluation of patients, including determination of drug dosage. He also holds an appointment as a postdoctoral associate in the Rockefeller laboratory of Dr. Mary Jeanne Kreek, where he participates in studies of the biochemical and physiological mechanisms of addiction, drug interactions, and the prolonged effects of methadone maintenance, particularly on the endocrine system.

His dual appointments reflect his commitment to both research and medicine. While he was a graduate fellow at Rockefeller, where he earned a Ph.D. in microbial genetics in 1973, Dr. Hartman developed a fascination with human biology. With the encouragement of his thesis advisor, Professor Norton D. Zinder, and Dr. Alexander Bearn, a Rockefeller trustee who was then on the University's faculty and also head of the department of medicine at Cornell, he went on to an M.D. at Cornell. He interned in pediatrics and has since become an instructor in psychiatry at Payne Whitney.

"Ideally," says Dr. Hartman, "all of the young people at ADP, like anyone else, would like to be free of medication, but less than 30 percent of them are able to remain drug free. Perhaps the record will be better when we know more about the underlying physiology of addiction. For now, it would be a mistake to consider detoxification as our major goal."

"What we aim for," Dr. Khuri adds, "is the stabilization of lifestyle, with or without methadone maintenance. At first we encourage them to spend time at the clinic, which provides courses and recreational facilities. We take care of their health needs. We help them reach out to the larger community, get jobs, and go back to school. For some, we're the closest thing they know to family life."

As for Thanksgiving on Monday, Dr. Khuri explains that "it's so we can finish the leftovers the rest of the week." □

Joel Cohen Gives Christmas Lectures

How do you count populations, human and otherwise, and what are the problems in trying to, political and otherwise? What has evolution to do with malaria? Is there life outside the earth? Why do some populations of living things have two sexes, others one, others many (like some fungi), and what are the consequences of there being two human sexes? If you want to reduce the birthrate, do you give a 100 percent effective contraceptive to half the population or a 50 percent effective one to 100 percent of the population? What are the mechanisms that make the world work?

These are some of the questions that Professor Joel E. Cohen, head of the University's laboratory of population studies, will be exploring in the 1982 Alfred E. Mirsky Christmas Lectures in Science on December 28 and 29. The lectures, named for the late Rockefeller cell biologist who founded the series in 1959, are presented for high school science students.

Dr. Cohen studies many varieties of populations, from molecules to mammals, as a means toward establishing a scientific foundation for understanding problems in public health. The tools he uses are mathematical.

"As chemical analyses can reveal the mechanisms of individual biology, mathematical and statistical analyses aim to find out how populations function," Dr. Cohen explains. "The lectures will describe some facts about populations and some models that guide our understanding. I want to stimulate awareness of how difficult it is to infer how the universe works."

The talks will be divided into four sections on the two days: Numbers — the history, prospects, and problems of enumeration; Evolution — principles and practical consequences for public health; Sex — quantitative aspects; and Uncertainty — how the past relates to the future. □

PERSONALS

Born, November 9, to Copy Technician **Efrain Derieux**, Graphic Services, and his wife, Carmen, a son, Anthony Pasquale, their first child.

Assistant for Research **Susan Lademan**, Plant Molecular Biology, was married on May 8 to Dr. Paul Joseph Zavodny, a molecular biologist at Albert Einstein College of Medicine.

Born July 15 to **Barbara Jean Taylor**, draftsman, Plant Operations, and her husband, Timothy, a daughter, Vanessa Lynn, their first child.

APPOINTMENTS

Elaine Lynette Wilson, Chemical Biology, as assistant professor, effective September 1.

BRIEFS

Professor **Anthony Cerami**, Medical Biochemistry, spoke on the role of non-enzymatic browning in aging at a seminar for science writers, *New Advances in Aging Research*, held at Rockefeller on October 19 under the sponsorship of the Fund for Integrative Biomedical Research (FIBER). **President Lederberg** is a member of the Science Advisory Board of FIBER.

Professor **Paul F. Cranefield** delivered the Emerson C. Kelly Lecture at Albany Medical College on October 21. Dr. Cranefield, who heads the laboratory of cardiac physiology, also pursues studies in the history of medicine and science, especially of experimental physiology. His lecture title was *How Magendie Discovered Bell's Law: an Early Example of Deception in Science*.

Professor **David C. Gadsby**, Cardiac Physiology, participated in the 36th Annual Symposium of the Society of General Physiologists, on the topic of electrogenic transport, held September 9-12 at the Marine Biological Laboratory, Woods Hole, Massachusetts.

Professor **Robert Lahita**, Immunology, and Adjunct Professor **Robert J. Winchester** of the Hospital for Joint Diseases, spoke at a public symposium, *Systemic Lupus Erythematosus: a Medical Update*, held October 23 at the University. Presented jointly by Rockefeller, the S.L.E. Foundation, and the National Institute of Allergy and Infectious Diseases, it was the first such meeting specifically intended for the lay public. The program honored Professor **Henry G. Kunkel** "for

his distinguished contributions to immunologic disease research."

Vice President **David J. Lyons** has been appointed to the Financial Accounting Standards Advisory Council to the Financial Accounting Standards Board for a one-year term, beginning January 1. The council is composed of about 40 leaders in business, education, the professions, and government, who advise on problems and standards for financial accounting to the business and professional community. (Mr. Lyons is also currently chairman of the Accounting Principles Committee of the National Association of College and University Business Officers.)

Professor **Abraham Pais**, Theoretical Physics, addressed the annual meeting of the Optical Society of America on the occasion of the centenary of Max Born's birth. His subject was *Born and the Statistical Interpretation of Quantum Mechanics*.

Professor **James M. Manning**, Biochemistry, was an invited speaker at a meeting, *A Decade of Progress in Sickle Cell Disease: Scientific and Humanistic Advances*, held in Arlington, Virginia, September 20-22, and co-sponsored by the National Institutes of Health and Howard University. His lecture described the biochemical mechanism for the inhibition of red cell sickling by sodium cyanate, and related how this work laid the foundation for current studies on a new anti-sickling agent, glyceraldehyde.

Professor **Maclyn McCarty**, Bacteriology and Immunology, and **James E. Darnell, Jr.**, Molecular Cell Biology, were chairmen of the morning and afternoon sessions, respectively, of a symposium, *Mol-*

ecular Biology and Public Health, held November 10 at the Public Health Research Institute, New York, which is marking its 40th anniversary. Professor **Hidesaburo Hanafusa**, Viral Oncology, spoke on *Cellular Genes Involved in the Generation of Cancer*. Also participating was Rockefeller alumnus and Nobel laureate **David Baltimore**, director of The Whitehead Institute at MIT.

Professor **Dennis M. Stark**, director of the University's Laboratory Animal Research Center and head of the laboratory for in vitro toxicological assay development, held the first workshop devoted to discussions of non-animal methods to replace the use of research animals in substance testing. The 30 participants from six countries met at the University October 28-30. Other Rockefeller participants were Adjunct **Ellen Borenfreund**, Professor **Charles Shopsis**, and Postdoctoral Fellow **James Walberg**.

PROMOTIONS

James P. Tam, Biochemistry, to associate professor, effective November 1.

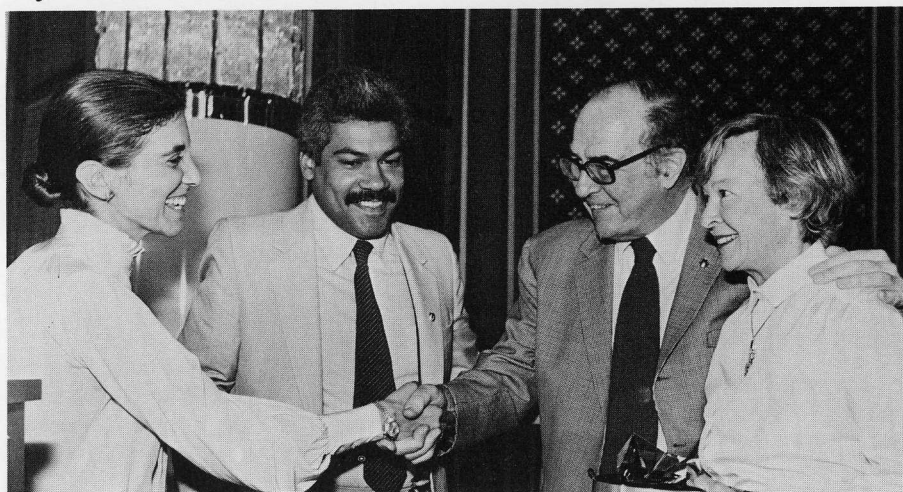
Shabbir A. Khan, Biochemistry, to assistant professor, effective September 1.

Nicholas A. Pawlowski, Cellular Physiology and Immunology, to assistant professor, effective October 1.

Timothy D. Marinetti, Biochemistry, to assistant professor, effective November 1.

Richard M. Broglie, Plant Molecular Biology, to assistant professor, effective November 5.

Nyswander and Dole Receive New Award Named for Them



At the award ceremony: left to right, Erica Spitz Frederick, vice president, New York Urban Coalition; Julio H. Martinez, director, New York State Division of Substance Abuse Services; and Drs. Dole and Nyswander.

Professor Vincent P. Dole and Senior Research Associate Marie Nyswander received the first annual Nyswander-Dole Award, presented at the Second Annual Statewide Methadone Conference, held October 19 and 20 under the sponsorship

of the New York Urban Coalition, the New York State Division of Substance Abuse Services, and the Committee of Methadone Program Administrators.

The award was created in recognition of the pioneering work of Drs. Nyswander

and Dole who, in the 1960s, developed methadone maintenance for the treatment of heroin addiction. In the years since, tens of thousands of addicts around the world have found relief from heroin craving and its attendant violent mood swings through the use of methadone, making it possible for them to lead stable, productive lives.

The theme of the conference, attended by 400 professionals in the field of addiction treatment, was *The Successful Patient*. Senior Research Associate Mary Jeanne Kreek, a member of the University's biology of addictive diseases laboratory group, spoke at the plenary session on new clinical trends and developments. Her talk was titled "Neuroendocrine Aspects of Addiction."

According to a reliable informant, Dr. Dole's first act on receiving the award was to change its title, which was originally the Dole-Nyswander Award. As he explained to the conference attendees, Dr. Nyswander, who also happens to be Mrs. Dole, worked for many years as a psychiatrist treating drug addicts before joining Dr. Dole at Rockefeller to begin the research that led to methadone maintenance. □

Under the direction of Nurse Diane Panzer, supervisor of the employee health office, Katherine O'Hare, foreground, Paul McOsker, left, and Roberta Binder, work towards certification in cardiopulmonary resuscitation. The courses, free of charge, are offered monthly, from September through April, and are open to all University employees. Registration with the employee health office is requested.



Lloyd Jones Appointed



Lloyd Jones

Lloyd Jones, a 35-year veteran of the New York City Police Department, has joined Edward Clarke's staff as assistant director of security.

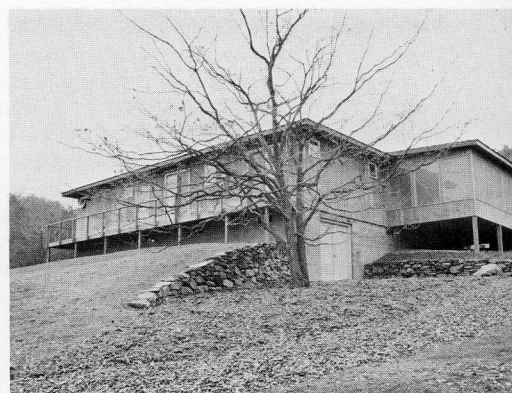
Mr. Jones began his career with the police force in 1946 after tours of duty during World War II with the Navy and Marine Corps. Working as a detective, plainclothesman, patrol supervisor, and community affairs coordinator, he received five citations for meritorious service, including the Medal for Valor. □

Guest House Opens at Millbrook

Visiting scientists and students now have a place to stay overnight at the University's Field Research Center in Millbrook, New York.

"We're very pleased," says Professor Fernando Nottebohm, center director, "because we've never had a place to house our guests."

A versatile 14-bed guest house was completed in November. It was designed by and constructed under the direction of the center's manager, Alethea Michie, a licensed interior designer who ran her own business in New York for 18 years before coming to Rockefeller. Finished in natural wood and landscaped with flowering dogwood trees, the building is a stone's throw from labs and offices. Its smaller rooms are furnished with space-saving drop-leaf tables and Murphy beds, and are arranged in pairs that share kitchenettes and bathrooms. One oversized bedroom, opening onto a spacious, enclosed porch with a



Millbrook guest house

panoramic view of the countryside, can be used as a dining or conference room.

A substantial portion of the building's cost was financed with a \$95,000 grant from the Mary Flagler Cary Charitable Trust, which has been an important benefactor of the center since its inception a decade ago. One of its trustees, Edward Ames, is a member of the Rockefeller University Council. □

University Buys Apartment Building on 84th Street

The University has purchased a newly constructed 22-unit apartment building at 325 East 84th Street. (See photo.) The apartments, of various sizes, will help to ease the severe housing shortage for Rockefeller faculty. Plans for a new residence near Faculty House are still being pursued. □

325 East 84th St.



HONORS & AWARDS

Professor **Armin C. Braun** shared the Charles Léopold Mayer prize of the Académie des Sciences, Institut de France, with geneticist Barbara McClintock, presented in Paris on December 6.

Professor **Henry G. Kunkel**, Immunology, was among five scientists to receive honorary degrees from Harvard University on October 14 for "enduring contributions to immunology and medicine," at the 200th anniversary celebration of Harvard Medical School.

President Lederberg received the 1982 William Procter Prize, presented by Sigma Xi, the Scientific Research Society of America, at its annual meeting held in Dallas on October 23. The prize also carries a \$2,000 grant-in-aid for a researcher entering the field being honored by the prize. President Lederberg, in consultation with Professor Norton D. Zinder, selected Graduate Fellow **Gian Paolo Dotto**, a member of Dr. Zinder's genetics laboratory.

The 8th Annual **Fritz Lipmann Lecture**, which honors the distinguished Rockefeller biochemist, was presented in Kiel, West Germany, by Dr. Benno Hess, at the joint meeting of The Nordic Biochemical Societies and German Society for Biological Chemistry, September 26-30. Dr. and Mrs. Lipmann were in attendance.

Professor **Maria A. Rudzinska** was elected to honorary membership in the Society of Protozoologists, conferred at the society's annual meeting on August 5 in San Francisco.

The Rockefeller University Childrens' School playground received an award of excellence for design from Columbia Cascade Timber Company.

IN PRINT

Immunological Tolerance to Self and Non-Self, Volume 392 of the Annals of the New York Academy of Sciences, was published in September, based on the proceedings of a conference held at the Academy in 1981 which honored Professor **Merrill W. Chase**, Immunology and Hypersensitivity. The book contains an appreciation of Dr. Chase delivered at the meeting by Dr. Jack R. Ballisto of the Cleveland Clinic Foundation, one of the volume's editors and a former student in Dr. Chase's lab, and an historical paper delivered by Dr. Chase, *The Induction of Tolerance to Allergenic Chemicals*.

The Restless Tide: The Persistent Challenge of The Microbial World by Adjunct Professor **Richard M. Krause**, has been published by the National Foundation for Infectious Diseases (NFID), Washington, D.C. The collection of essays, adapted from a series of public lectures by Dr. Krause during his first five years as director of the National Institute of Allergy and Infectious Diseases, deals with the historical origins and recent advances in microbiology and immunology. The book is available for purchase by writing to NFID, P.O. Box 42022, Washington, D.C. 20015.

Wiesel and Ratliff Address Council

Nobel laureate Torsten Wiesel and Professor Floyd Ratliff addressed the Rockefeller University Council at its December 3 meeting. The subject was Problems of Vision.

Dr. Wiesel, Robert Winthrop Professor and chairman of the department of neurobiology at Harvard University, who will assume a professorship at Rockefeller early in 1983, discussed the cellular mechanisms of vision. Dr. Ratliff discussed recent eye research in a talk entitled "The Logic of the Retina."

Eleven new members have been appointed to the Council since its last meeting. They are: Thornton F. Bradshaw, chairman of the board, RCA Corporation; Peter F. Bronfman, president, Edper Investments Ltd.; C. Simms Farr, partner, White & Case; P. X. Kelley, assistant commandant and Chief of Staff, U.S. Marine Corps; S. Leslie Misrock, partner, Pennie & Edmonds; William F. Pounds, president, 5600, Inc.; Oscar M. Ruebhausen, partner, Debevoise & Plimpton; Richard E. Salomon, partner, Spears, Benzak & Salomon, Inc.; Cecily C. Selby, chairman, board of advisors, The North Carolina School of Science and Mathematics; Richard Voell, president, Rockefeller Center, Inc.; Margaret S. Wilson, chairman of the board, Scarbroughs. □

PRESIDENT'S COLUMN

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his group from temporary quarters into renovated laboratories in the Hospital.

It goes without saying that these superb additions to our faculty could not have been made without the support of many individuals, corporations, and foundations whose gifts and grants continue to help assure the future of this institution. Shortly after his appointment, Dr. Cross was awarded the new André and Bella Meyer Professorship, which is announced in this issue, as is a new \$3 million grant from the Andrew W. Mellon Foundation. During this busy year, we have also seen the establishment of the Sherman Fairchild Professorship, held by Attallah Kappas, and the Frederick Henry Leonhardt Professorship, held by Edward Ahrens. Moreover, it was the year in which the University entered into an agreement with the Monsanto Company, which over a period of years may provide some \$4 million in support of the plant molecular biology research of Professor Nam Hai Chua. All of these forms of support are important to us.

I wish there were space enough to acknowledge all of our other friends by name, but I know each is aware of our deep appreciation for their faith in the promise of our future.

Unfortunately, the year past has given us sorrow as well as joy. In addition to the tragic loss of Dr. Moore, death took from us René Dubos, Muriel Roger, Nils Jernberg, Leo Wachsmuth, and other beloved associates. They cannot be replaced; they have left us a legacy that will remain indelible. We will not forget them.

My family and I extend to you and yours our warmest wishes for the new year.

— Joshua Lederberg

Dubos Memorial

On December 10 the University paid formal tribute to the memory of René Jules Dubos, a member of this campus community for 55 years until his death last February.

World renowned as a microbiologist, Dr. Dubos was also deeply concerned with problems of human health, the environment, and the human spirit. He expressed these concerns in a number of books, one of which won him the Pulitzer Prize.

The many facets of his life were recalled by the speakers at the service, introduced by Professor Zuvil A. Cohn. They were: Professor Rollin D. Hotchkiss; Adjunct Professor James G. Hirsch, now president of the Josiah Macy Jr. Foundation; Rockefeller Trustee Lewis Thomas, chancellor of Memorial Sloan-Kettering; William K. Reilly, president of The Conservation Foundation; Jean-Paul Escande, French physician and co-author with Dr. Dubos of *Quest: Reflections on Medicine, Science, and Humanity*; Dr. Arthur Sackler of The Rockefeller University Council; and President Lederberg.

New Trustee



John
Macomber

John D. Macomber, chairman of the board and chief executive officer of Celanese Corporation in New York City, has been elected to the University's board of trustees.

A graduate of Yale University, he received an MBA degree from Harvard Business School in 1952 and served for two years in the Air Force. He was associated with the management consultant firm of McKinsey & Company for 20 years before joining Celanese in 1973 as president. He has been chief executive officer since 1977 and chairman since 1980.

Mr. Macomber is a trustee of the Carnegie Institution of Washington and the Whitehead Institute at MIT, vice chairman of The Americas Society, and a member of the Business Roundtable, the Council on Foreign Relations, and The Rockefeller University Council. He is a director of Bristol-Meyers Company, Chase Manhattan Bank, and R. J. Reynolds Industries. □

Obesity Workshop

Millions of Americans are seriously overweight and according to Dr. M. R. C. Greenwood, professor of biology at Vassar College, "95 percent of those who lose weight regain it within three years."

Dr. Greenwood, who earned her Ph.D. at Rockefeller in the human behavior and metabolism laboratory of Professor Jules Hirsch, was co-organizer and co-chairman of a workshop on obesity, held October 17-19 at Vassar, at the request of the National Institutes of Health. The purpose of the workshop was to attempt a classification of obesity which might ultimately be used in a nationwide intervention study evaluating obesity treatment.

Among those participating were Dr. Hirsch and members of his present Rockefeller laboratory. Professor Adam Drewnowski spoke on recent research into the thought processes of food selection, a complex problem for which he has been developing computer-assisted scaling programs. Dr. Hirsch and Professor Rudolph L. Leibel led a panel on morphological and metabolic methods, and Professor Joel A. Grinker was co-chairman of a panel on behavioral methods. □

Marguerite Patmore Dies

Marguerite V. Patmore, who worked at Rockefeller for 20 years as head of the social service and employee health office, a program she initiated and designed, died on September 18 at the age of 82. Mrs. Patmore, who retired in 1962, had been living in California. □