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## NEWS AND NOTES 1982, VOL.13, NO.3

The Rockefeller University

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# THE ROCKEFELLER UNIVERSITY

## news and notes

### REPORT OF THE PRESIDENT: A DELICATE TASK OF BALANCE

Two years ago, in his first report as president of the University, Joshua Lederberg expressed his commitment to "conserve and enhance" this institution's basic structure and traditions. In his second report, in preparation, he reaffirms the University's direction and priorities and relates them to "the issues raised by the complex environment in which science today must play its part."

He describes this environment as one in which science is viewed as promising enormous practical advantages while at the same time evoking fear and confusion in the minds of an inadequately informed public. (He cites, as examples, the DNA technology explosion and the misapprehension of the feasibility of a "war on cancer.") Misguided expectations and apprehensions converge at a time of intense economic pressures on federal funding of science. In such an environment, he states, the University must "respond to society's expectations" and "articulate our own special part in the system of scientific discovery....Both in rhetoric and in policy, we face a delicate task of balance ... to maintain our distinctive genius and to fulfill the mandate of our motto: *pro bono humani generis*."

In recent years, as he points out, the revitalization of the Hospital's clinical programs and programs in cooperation with

(continued on page 3)



John D. Rockefeller, Jr.'s chair at the Rockefeller Archive Center. (see story page 2)

### HONORS & AWARDS

Professor **Joel E. Cohen**, Populations, was among 19 recipients of an award from the MacArthur Prize Fellows Program. Winners of the MacArthur awards are nominated by 100 educators, scientists, and artists.

Elaine H. Pagels, professor of religion at Barnard College and wife of Professor Heinz R. Pagels, Theoretical Physics, also received a MacArthur award.

Professors **Jules Hirsch**, **Donald R. Griffin**, **Igor Tamm**, and **George E. Uhlenbeck**, and President Lederberg were elected Fellows of the American Association for the Advancement of Science on January 7 at the association's annual meeting, held in Washington, D.C. An AAAS Fellow is "a member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished."

President Lederberg has been elected an honorary fellow of The New York Academy of Medicine. He was also recently elected an honorary life member of The New York Academy of Sciences.

Vice President and Controllor **David J. Lyons** received the 1981 Recognition Award for Exemplary Leadership from CAUSE, a professional association for individuals engaged in the development, use, and management of information systems in higher education, presented at its annual meeting, December 2, in St. Louis, Missouri.

(continued on page 2)

### Happy Birthday, Dr. Lynch

On March 6, Clara J. Lynch, a pioneer in the study of the genetics of cancer, celebrates her 100th birthday. Now living in Virginia, she retired in 1971, at the age of 89, after 53 years at this institution.

Dr. Lynch is a graduate of Smith College, where she taught for a few years before coming to Rockefeller, and earned her Ph.D. at Columbia University in 1919.

Among her many scientific contributions, she demonstrated that differences in susceptibility to the development of tumors, including those induced experimentally, were inherited. She used mice as her laboratory animal and introduced into this country the so-called Swiss Mouse, carrying the original progenitor pair from Lausanne across the ocean in a shoe box. Many generations of the strain have proved valuable in cancer and virus research.

Dr. Lynch's nieces would be delighted to forward birthday greetings from University friends. They may be addressed care of Marcia and Eliza Miller, 5524 Trent Street, Chevy Chase, Maryland 20815.



Mr. and Mrs. Guenther Ebert at the Holiday Ball, December 11. (see page 5)



King Gustaf, left, and Queen Silvia of Sweden with William O. Baker, chairman of the University's board, on November 19. The royal couple were in the United States to celebrate the 75th anniversary of the Swedish-American Chamber of Commerce. They were guests of honor at a dinner at the University, which was among a number of cultural and educational institutions they visited.



Professor **Maclyn McCarty**, Bacteriology and Immunology, received the Robert Koch Gold Medal of the Robert Koch Foundation on December 7 in Bonn, West Germany, "in recognition of his pioneering studies in which for the first time DNA was recognized as the bearer of genetic information and through which the era of modern genetics was initiated." (Professor **René J. Dubos**, Environmental Biomedicine, was a recipient of the award in 1960.)

Professor **William Trager**, Parasitology, received the First Rameshwandas Birla Triennial International Award of the Medical Research Centre of the Bombay Hospital Trust, for his work in the field of tropical medicine. The \$55,000 award is given in memory of Shri Rameshwandas Birla, an industrialist and philanthropist who dedicated his life to medical, social, cultural, educational, and religious activities throughout India.

Professor **Norton D. Zinder**, Genetics, shared the 1982 Scientific Freedom and Responsibility Award of the American Association for the Advancement of Science with Paul Berg and Maxine Singer. They were cited for their "leadership in the remarkable process by which the community of researchers, developing the techniques for the isolation and combination of segments of the genetic material DNA, accepted a moratorium on certain classes of experiments until the safety issues involved could be reviewed by the larger scientific community, by the government bodies responsible for the public health and ultimately by the concerned public." The award was presented on January 6 at the annual meeting of the AAAS, held in Washington, D.C.



At the archive center: Seated, Claire Collier. Standing, left to right: William Lordan, Kathleen Brennan (no longer with the archives), Michael McCarney, Kristina Blischke, Emily Nager, James Cyphers, Joseph Ernst, Diane Rossenwasser (a visiting archivist from Memorial Sloan-Kettering Cancer Center), and William Hess.

Some months ago, news and notes visited the Rockefeller Archive Center to research the story that follows. We were fetched at the train station by Utility Man William Lordan. Cordial and expansive, with salty and cogent views on life in the environs of Tarrytown, Bill welcomed visitors to the center as if it were his home, as indeed it was. He lived in an apartment on the grounds, ever ready for duty. He told us: "I love this place. I love taking care of it. Right now I feel very good because I just found a leak I've been looking for for six years." Bill came to the archive center in 1975. He "retired" the following year, but after a few months in the Florida sun he came back to stay. William Jay Lordan died on November 30 at the age of 61.



William Lordan at the job he loved.

## A Home for History In Pocantico Hills

In 1855, sixteen-year-old John D. Rockefeller began keeping his accounts. That first ledger is among 20 million documents from the Rockefeller family and from such institutions as The Rockefeller University, The Rockefeller Foundation, and the Rockefeller Brothers Fund that are housed in the Rockefeller Archive Center in Pocantico Hills, New York. The papers include hundreds of thousands of letters, annual reports, and photographs, as well as the 300 scrapbooks of newspaper clippings that John D. Rockefeller's daughter, Edith McCormack, gave to her father as Christmas presents.

In the six years since its opening, the center has made it possible for scholars interested in the history of such fields as economics and business, medicine, science, philanthropy, public health, and social welfare, to study these documents under one roof, aided by a dedicated, highly skilled staff and superb modern facilities. In one week not long ago, according to Director Joseph W. Ernst, the center welcomed researchers from California, Canada, Denmark, England, France, and Thailand.

The center's building, originally the home of the late Martha Baird Rockefeller, second wife of John D. Rockefeller, Jr., was given to The Rockefeller University, which administers the archives, by the Rockefeller Brothers Fund. An initial endowment of \$4 million also came from the Fund, which, with the University and The Rockefeller Foundation, supports the center's activities. The archival material is kept in 11 temperature- and humidity-controlled vaults in the basement, designed to provide maximum protection and efficiency. Each vault has heat and smoke detectors and waterless fire extinguishers that can smother a blaze without destroying the papers, which are packed in special low-acid boxes and folders.

Working with Dr. Ernst and Associate Director J. William Hess, who is also the archivist of The Rockefeller Foundation, are Archivists Claire Collier, James Cyphers, and Thomas Rosenbaum. The support staff includes Madeleine Tierney, Kristina Blischke, Nancy Gonzalez, Emily Nager, Dorothea Taxter, and Michael McCarney.

In addition to its other activities, the center hosts seminars and conferences, and awards grants to researchers. One recent recipient of a center grant is Pnina G. Abir-Am, who holds a bachelor's degree in biochemistry, and a master's in the history and philosophy of science from Hebrew University of Jerusalem, and is currently a doctoral degree candidate at the University of Montreal. The documents she has studied include records of the Rockefeller Foundation's Division of Natural Sciences (the term "molecular biology," she found, was first used in the Foundation's annual report for 1938), and the papers of Rockefeller University scientists Oswald Avery, Alfred E. Mirsky, Edward Tatum, Moses Kunitz, and René Dubos. As far as Ms. Abir-Am is concerned, the center provides "the best archival service I've ever encountered."



Secretary Nancy Gonzalez



Dr. Ernst in the vaults

sister institutions, as well as plans to enhance such areas as parasitology and toxicology, bear witness to the University's continuing and strengthened involvement in the pressing issues of human health and health policy. At the same time, he stresses, there can be no substitute for new knowledge — basic research — as the "most fruitful way of achieving public benefit. This scientific base remains the main core of The Rockefeller University's programs."

The University's financial health is based on a strong endowment, an excellent record of obtaining federal grants and, in recent years, intensive long-range planning, which has included the initiation of successful fund-raising in the private sector. Dr. Lederberg reports that the University is now moving toward more direct cooperative endeavors with industry.

"Industrial funding," he states, has become "indispensable for the survival of not-for-profit institutions generally," and in addition there is "a national need for the revitalization of our economy through technology and of individual productivity through the enhancement of human skills." Although "an undeniable and intrinsic source of conflict" exists in partnerships with individual firms, "this conflict can be managed and contained.... Relations with industry demand the most careful deliberation and maximum understanding among president, trustees, and faculty. Fortunately, the organization of this University into distinct laboratories should facilitate the flexibility of contracts with industrial sponsors. Each laboratory is a unit large enough to be important in its field of research, small enough so agreements can be responsibly negotiated, and so that the funds involved in a given transaction will not be thought to distort the institution's priorities.

"The University's role is to be a responsible agent, to protect the faculty against undue intrusion on academic prerogatives and freedom, and to ensure that external agreements do not abuse other elements of the University and do fairly reward the institution. Ultimately, it also has the *pro bono* responsibility of helping to accelerate useful applications of scientific advances."

#### CONFERENCE FACILITIES

For members of the University community who may not need to consult records of the past but may be planning meetings in the future, the Rockefeller Archive Center offers its facilities. Conference and dining rooms for up to 50 people can be provided, as well as food service and transportation from the train station. The trip takes 45 minutes from Grand Central. Lodging is available in nearby Tarrytown. Dr. Ernst and his staff may be reached at (914) 631-4505.

## Hurvitz to Astor Chair at Animal Medical Center

Professor Arthur I. Hurvitz, consulting veterinary pathologist at the University, was named to the new Astor Chair of Comparative Medicine at The Animal Medical Center, where he is director of research and chairman of the pathology department. The chair is endowed by the Vincent Astor Foundation, of which Rockefeller Trustee Brooke Astor is president.

Dr. Hurvitz, who received a doctor of veterinary medicine degree from Michigan State University and a Ph.D. from the University of California, Davis, was a research associate at Rockefeller from 1967 to 1969 and assistant professor from 1969 to 1971, when he was appointed an adjunct.

#### BRIEFS

President Lederberg delivered the 27th Cartwright Lecture of the College of Physicians and Surgeons, Columbia University, on November 18. He spoke on Cycles and Fashions in Biomedical Research.

Professor David Mauzerall, Biochemistry, was an invited participant at a conference on The Prebiotic Earth: the Beginnings of Life and the Evolution of Biological Complexity, held December 12-16 at Lake Jindabyne, Australia, under the auspices of the Australian Academy of Sciences and the U.S. National Academy of Sciences. He led a session on biochemical and photo-synthetic evolution. While in Australia, he lectured on electron transfer photoreactions and on the evolution of chlorophyll at the University of Sydney, at the National University, and at the Commonwealth Scientific and Industrial Research Organization (CSIRO), in Canberra.

Professor Donald W. Pfaff, Neurobiology and Behavior, was an invited speaker at the International Conference of Comparative Endocrinology in Hong Kong, December 7-12. He spoke on Hormone Binding in the Vertebrate Brain.

Professor Robert Shapley, Biophysics, gave an invited lecture at a symposium on Parallel and Serial Processing in Vertebrate Visual Pathways at the 11th Annual Meeting of the Society for Neuroscience, in Los Angeles, October 18-23.

Professor Victor J. Wilson, Neurophysiology, was an invited participant at the 12th meeting of the US/USSR Joint Working Group on Space Biology and Medicine, held November 12 in Bethesda, Maryland.

#### PROMOTIONS

Stanley Fowler, Biochemical Cytology, to associate professor, effective November 1.

## Muriel Roger Dies



Muriel Roger

Senior Research Associate Muriel Roger, whose early research on the physical separation and analysis of DNA contributed to the fundamental base of the modern technology of recombinant DNA, died of heart failure on December 24. She was 59 years old.

Dr. Roger came to the University in 1955 as a postdoctoral fellow in the genetics laboratory of Professor Rollin D. Hotchkiss. She was appointed assistant professor in 1960 and senior research associate in 1970.

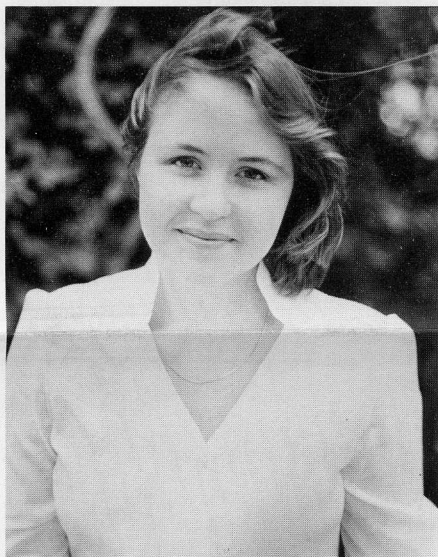
In the early 1960s, Dr. Roger was the first to use biological activity to define the physical properties of DNA, showing that its viscosity was appropriate to its size, rather than anomalous, as formerly believed. She also focused on ways to alter and manipulate bacterial genes on a DNA strand through heat, separation, and transformation. In collaboration with the late Charles O. Beckmann, her husband and former research sponsor at Columbia University, and Professor Hotchkiss, she published procedures for distinguishing between and separating single DNA strands and some of the genes carried by them.

"In her work of the last few years," states Dr. Hotchkiss, "she showed that bacteria have highly specific powers of 'proofreading,' and then correcting or ignoring particular contrived molecular mismatches in the reconstituted genes. These powers served to explain bacterial susceptibility, or the lack of it, to similar mismatches produced by mutations in nature. Many friends and colleagues, far beyond those connected with her work, will recall warmly her ability to give entertaining narratives, ranging from the hilarious to the satiric, of events in her daily life and career."



## Two With Talent

From time to time, *news and notes* reports on scientists who sculpt or students who flute or secretaries who dance or lab technicians who paint. Whether their interests are purely amateur or they hope for careers in their chosen art, Rockefeller people have talent.



Andrea Matthews

Andrea Matthews has been a copy editor at *The Journal of Cell Biology* for two years. During that time and through her college days at Princeton, where she studied American history, she has sung. In December, Ms. Matthews, a lyric soprano, won first prize in the National Association of Teachers of Singing Competition. The award includes a \$3000 grant and full tuition at the summer program of the American Institute for Musical Studies in Graz, Austria, where she plans to train intensively in German roles and then audition for opera companies in Germany and Austria.

Lorraine Corsale is a secretary in Graphics Services. She is also an artist with a camera. An honors graduate of Pratt Institute, she sees through her lens the humor and pathos of everyday life. Her pictures have appeared in a number of publications and are regularly on view at the Copy Center.

*news and notes* is published five times a year from October through July. This is Volume 13, Number 3. Suggestions for articles are welcome and may be sent to *news and notes*, Box 194, phone extensions 8968 or 8970. Photographs, page 1, top and bottom left, page 2, page 4, bottom left and right, and page 5, bottom left and right, Cheryl A. Weinstock; page 1, right, Graphic Services; page 5, top, left and right, Paul Archibald.

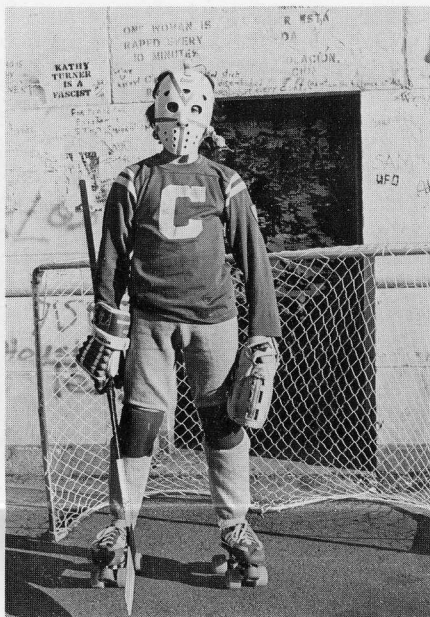
Steel being delivered for the Smith Hall Annex renovation to be completed later this year.

## In Honor of Dr. Hotchkiss

For his "outstanding contributions to the field of gene transfer," and in celebration of his 70th birthday, Professor Rollin D. Hotchkiss was honored at a banquet at the 25th Wind River Conference on Genetic Exchange, held last June in Colorado.

Professors Alexander Tomasz and Norton D. Zinder were among a number of Dr. Hotchkiss's colleagues who paid tribute to him for his pioneering research toward the understanding of bacterial transformation. Dr. Hotchkiss delivered a lecture on the First Generation of Gene Transfer in Bacteria. Other university participants whose papers were presented included Francis Barany, Magda Gabor-Hotchkiss, and Esmeralda Party. A commemorative volume of the meeting is being published.

In October, Dr. Hotchkiss gave the keynote lecture at a symposium on Molecular Mechanisms of Gene Expression at Marquette University, Wisconsin. He spoke on Insights and Other Products from 40 Years of Gene Transfer. Professor James E. Darnell, Jr., Molecular Cell Biology, also delivered a lecture on Varieties of Eukaryotic Gene Control.



## Wallace K. Harrison Dies

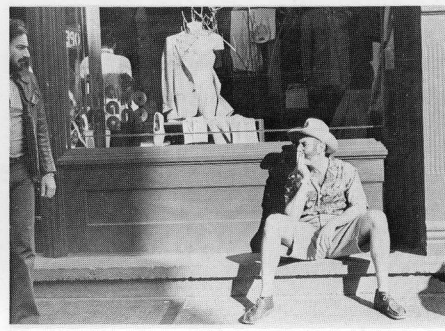
Wallace K. Harrison, the architect who created Rockefeller Center and the United Nations, and who designed Caspary Hall and Auditorium, Bronk Laboratory, Abby Aldrich Rockefeller Hall, the Graduate Students Residence, and the President's House, died on December 2 at the age of 86. A memorial service was held in Caspary Auditorium on December 16.

## Help for Adoptive Parents

Are you planning to adopt a child, or did you adopt a child since the fiscal year began on July 1? If so, help in meeting the costs is now available. The University has instituted an Adoption Assistance Program which will reimburse Rockefeller employees, from the University's general funds, at a rate based on the rate paid for maternity costs under the health insurance plan, effective when adoption becomes final. For further information, call Lila Magie in the personnel office, extension 8300.

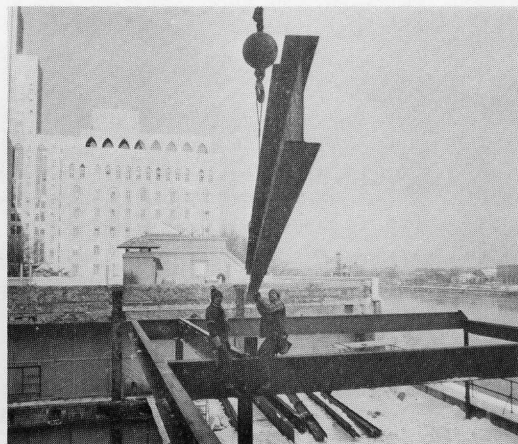
## Robert H. Green Dies

Dr. Robert H. Green, a former professor of medicine at Yale University's School of Medicine and New York University School of Medicine, died on December 25 at the age of 70. Dr. Green served two years on the staff of the University during the 1940s.



Photographs by Lorraine Corsale (see story left)

One way to beat winter inactivity. Bill Elmelund and Diane Rodriguez shape up in the exercise room on the first floor of the Graduate Students Residence.



## IN PRINT

**Professor Heinz R. Pagels**, Theoretical Physics, explains the mysteries of quantum physics and the world of infinitesimal particles such as leptons, hadrons, and quarks, in *The Cosmic Code: Quantum Physics as the Language of Nature*, published in February by Simon and Schuster. The book traces the historical development of quantum field theory and shows its role in our current understanding of material reality; in particular, the role of the recent discoveries of high-energy physics in the account of the origin of the universe.

*Discovery in Cell Biology*, a special supplement of the December 1981 issue of *The Journal of Cell Biology*, has been published by The Rockefeller University Press and edited in cooperation with The American Society for Cell Biology. Edited by Joseph G. Gall, Keith R. Porter, and **Philip Siekevitz**, the soft-cover publication includes 20 chapters by eminent cell biologists. Each traces the history and current status of one of cell biology's subdisciplines. List price of the supplement is \$16.75, available to members of the campus community at a 20% discount.

The December 1981 issue of *ASM News*, published by the American Society for Microbiology, contains a detailed summary of the work of the late **Rebecca C. Lancefield**, who died last March, written by Adjunct Professor **Lewis W. Wannamaker**.

## APPOINTMENTS

**Maria I. New**, chairman, Department of Pediatrics, Cornell University Medical College, as a member of the adjunct faculty, effective November 1.

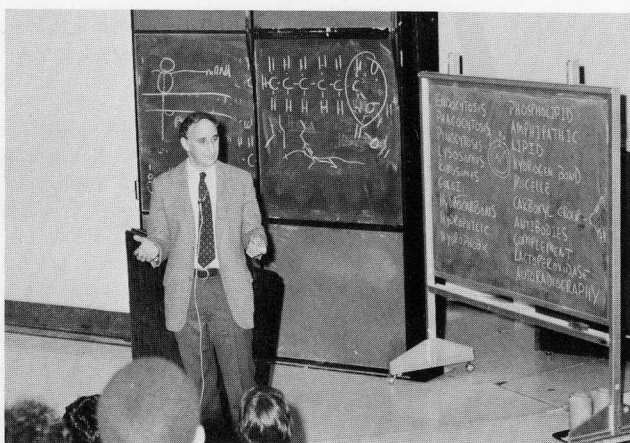
**José L. Saborio**, Center of Research and Advanced Studies, Polytechnic Institute, Mexico, as a visiting professor, Cytobiology, effective November 16.

**Dennis P. Sullivan**, Einstein Professor of Science and Distinguished Professor of Mathematics, City University of New York Graduate Center, and Queens College, as a member of the adjunct faculty, effective January 1.

## Pamela Scallan Dies

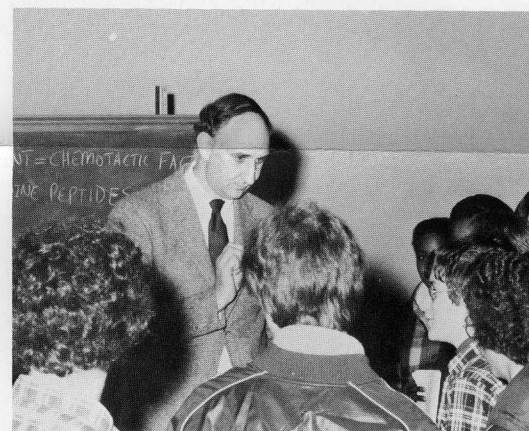
Pamela E. Scallan, who first joined the staff of The Rockefeller University Press as secretary in 1966, died on December 20 after a long illness. She was 63 years old.

She was named administrative secretary of the press in 1970 and assistant in 1978. "Pam was particularly well known on campus for her efficient and courteous handling of the Calendar of Events," recalls Helene J. Jordan, Press director.



Professor Samuel Silverstein at the 22nd Annual Christmas Lecture.

## HOLIDAY HEADLINERS



They made the Holiday Ball a success. Left to right: Elbin Diaz, David Lyons, Margarita Campbell, Nina Casciano, Jeremiah Barry, Virginia Kozler, Charles Laughery, Anthony Fusco, and Wendy Wood. (Committee members not in photo: Patricia Macklin and Sandra Walsh.)



Everyone cooked "home style", from Swedish meatballs to fried plantains. Linda Champagnie, front, and Dorothy Belton enjoy the ethnic specialties at the Hospital's Christmas Party on December 15.



## New Trustees

Ronald C. Breslow, S. L. Mitchell Professor of Chemistry at Columbia University, Attorney Louis J. Hector, and Frank Press, president of the National Academy of Sciences, have been elected to the University's board of trustees.



RONALD BRESLOW

Dr. Breslow, who received his B.A., M.A., and Ph.D. degrees from Harvard University, joined the Columbia faculty in 1956 and was appointed professor in 1962. In 1966, he assumed his present position. The recipient of many honors and awards, he is a member of the National Academy of Sciences, the American Chemical Society, and the American Academy of Arts and Sciences. He is the author of *Organic Reaction Mechanisms* and serves on the editorial boards of *Organic Syntheses* and the *Journal of Bio-Organic Chemistry*.

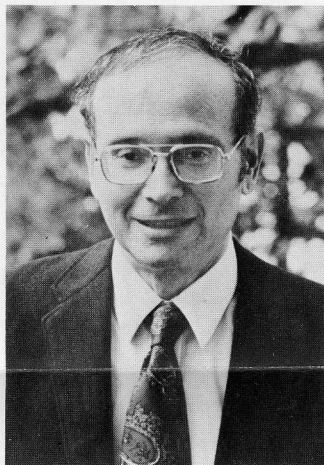


LOUIS HECTOR

Mr. Hector, an attorney since 1942, joined the Florida law firm of Steel, Hector, and Davis in 1966. He is vice-chairman of the National Endowment for the Humanities and was a member of The Rockefeller University Council from May, 1977, until his appointment as trustee.

Mr. Hector was graduated from Williams College in 1938 and was a Rhodes Scholar at Oxford University in 1939. He received an LL.B from Yale University in

1942. During World War Two he served as an attorney in the Department of Justice, as an assistant to the Under Secretary of State, and in the Office of Strategic Services in the Southeast Asia and China commands. He is a director of Southeast Banking Corporation, Southeast Banks, N.A., and Pan American World Airways, Inc.



FRANK PRESS

Dr. Press is recognized for his scientific contributions to the development of modern geophysics and his leadership in national science planning and administration. He served as presidential science advisor during the Kennedy, Ford, and Carter administrations. He also participated in the bilateral science agreement negotiations with the Soviet Union and was a member of the U.S. delegation to the nuclear test ban negotiations in Geneva and Moscow.

Dr. Press, who assumed his present position as NAS president in July, 1981, has been the recipient of many honors and awards, including the Gold Medal of the Royal Astronomical Society, the United States Department of Interior's Public Service Award, and the National Aeronautics and Space Administration's Distinguished Public Service Medal.

He received his B.S. degree in physics from the City College of New York and his M.A. and Ph.D. degrees from Columbia University. He has also received 11 honorary degrees. He has been on the faculty of Columbia University, the California Institute of Technology, and the Massachusetts Institute of Technology, where he was appointed Institute Professor, a title reserved for scholars of special distinction.

## Philip Handler Dies

Philip Handler, 64, former president of the National Academy of Sciences and a trustee of the University since 1968, died on December 29.

Before becoming president of the academy in 1969, Dr. Handler spent most of his academic career at Duke University. He was internationally known for his biochemical research on the nutritional causes of disease. Among his achievements was the discovery that pellagra is caused by a vitamin deficiency.

## New Members for Council

The Rockefeller University Council has announced the appointment of 12 new members: Edward Ames, trustee, Mary Flagler Cary Charitable Trust; Arnold O. Beckman, chairman, Beckman Instruments, Inc.; Walter Burke, president, Sherman Fairchild Foundation; Fletcher Byrom, chairman, Koppers Company, Inc.; Anne Dyson, M.D., president, Dyson Foundation; Paul Johnston, chairman, Johnston Industries, Inc.; Huskel Ekaireb, New York; Herman Merinoff, president, Renfield Corporation; Roderic Scott, director, The Perkin Fund; Anthony Marshall, consultant on international affairs, New York; Richard Simmons, president, The Washington Post Company, Inc.; and William Perry, San Francisco.

The Council serves as a liaison to the local, national, and international business and professional communities in advancing public understanding and support for the University. It consists of 107 members drawn from throughout the United States and more than a dozen foreign countries.

## Leonhard Wachsmuth Dies

Leonhard Wachsmuth, former manager of The Faculty and Students Club, died on December 24.

Mr. Wachsmuth came to the University in 1957 to open the club, which was incorporated in 1958, and was its manager until his retirement last June. He continued to work part time until his recent illness. Born in Latvia, he would have been 71 in February.

In President Lederberg's words: "Leo's rare sense of style and spirit of good fellowship made the club a center of campus social activity."

## PERSONALS

Professor **Marcus A. Horwitz**, Cellular Physiology and Immunology, was married on November 27 to Helene DesRuisseaux, administrative manager, Bone Marrow Transplant Service, Memorial Sloan-Kettering Cancer Center.

Biomedical Fellow **Peter J. Hotez** was married on August 23 to Sari Ellen Friedman, senior technical writer/analyst at Paine, Webber, Jackson, & Curtis Inc.

## AAAS Volunteer Program

The American Association for the Advancement of Science has initiated a program designed to increase public understanding of science and technology. AAAS members are needed to work with science centers and museums, participating in lectures and symposia and choosing topics for and planning traveling exhibits. Interested members should contact Dr. William G. Wells, Jr., at AAAS.