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The Rockefeller University

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News and Notes

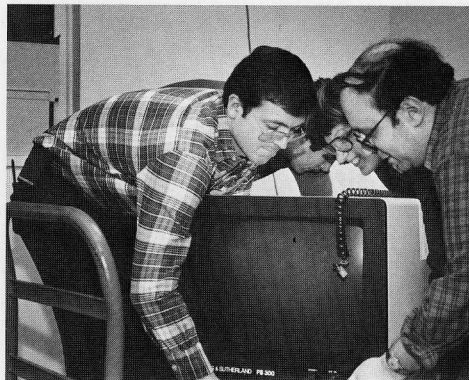
RU Press Moves

Effective March 14, you will still be able to reach The Rockefeller University Press at Box 291 and on the same phone extensions listed in the University phone book—but not at the same location. The Press has moved from the Nurses' Residence to new headquarters at 222 East 70th Street, between Second and Third Avenues.

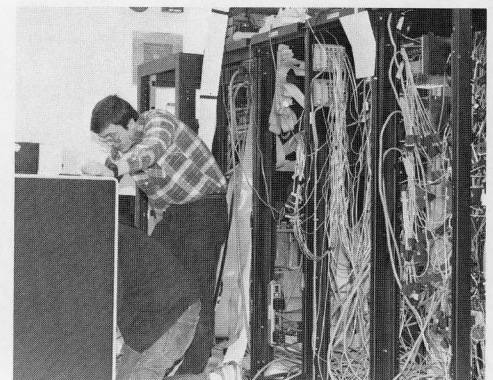
Completed early in 1988, the building is primarily a residence for University faculty and will house the greater metropolitan area office of the Howard Hughes Medical Institute.



From left, Louise Johnson and Louise Getting, two of the latest additions to the University's security staff.



Moving day for computing services. From left, Engineering Technician Frank Horvath, Computer Technician Eugene Roth, Research Associate Anthony Popowicz, and Associate Director Armand Gazes.



Reconnecting "Rocky."

Baker Honored

Chairman of the Board of Trustees William O. Baker received the Thomas Alva Edison Medal for Science, presented by New Jersey Governor Thomas Kean in Trenton, December 2.

The award honors Dr. Baker's individual invention and research and his work in New Jersey as president and chairman of AT&T Bell Laboratories, from which he is now retired, and his current posts as chairman of the State Commission on Science and Technology and as public member of the State Board of Higher Education.

On December 10, Dr. Baker received the National Materials Advancement Award of the Federation of Materials Societies for his work in solid state and polymer research and in organization of industrial science and technology of materials for electronics and photonics. The presentation was made in Washington, D.C. where, since 1959, Dr. Baker has helped to further the work of the National Materials Program in universities and federal agencies.

Anniversary and Retirement Dinner

On May 2 the University will hold its annual dinner for those who have worked at Rockefeller for 25 or more years, and those who retired during the academic year with 10 or more years of service.

Rocky's New Roost

"Rocky" has a new address. The University's six computer systems, known collectively as Rocky, have been relocated from the basement of Smith Hall to a new location on the D level of Smith Hall Annex.

No minor feat, the move involved disconnecting arrays of computer consoles and equipment, orchestrating their transport, and reconnecting them in their new location. It was conducted over a two-week period in November and December under the guidance of Armand Gazes, the associate director of computing services.

Observant drivers on the FDR Drive on those frosty days glimpsed a caravan of carefully packaged computers rolling along the sidewalk between the roadway and Smith Hall on a path made smooth by removable masonite panels.

The color graphic facility, used to image the spatial configuration of molecules, is now housed in a light-tight room that permits vivid photographs to be taken directly from the computer's screen. The equipment traveled the less scenic route, through a connecting corridor to Smith Hall Annex, into an elevator, and down two flights to the D level.

Also moved was computing services's engineering facility, used for institutional support services, and its communications facility, which links RU's computers to computer networks around the world.

Remaining in Smith Hall are the users' area and administrative offices. The users' area, comprising computer terminals, printers, and consultant services, can now be found in Smith Hall room B-7, down the hall from its previous site.

Among the benefits of the move are the
(continued on page 2)



Founder's in the snow.



President Emeritus Frederick Seitz with a stained glass panel depicting the seals of the various universities that have awarded him honorary degrees. It was made by Albinas Elskus, the husband of Dr. Seitz's secretary Anna Elskus.

Kreek Confers on Drug Abuse

Professor Mary Jeanne Kreek, a member of the University's laboratories of biochemical endocrinology, and a researcher on addiction at the University since 1964, spoke on "Accomplishments and Further Needs for Research Related to Addictions and Treatment of Chemical Dependencies," at the Northeast Regional Meeting of the White House Conference for a Drug-Free America, held in New York on December 14.

She also has received a presidential appointment to serve as a principal conferee on research related to addictive disease and its treatment at the Conference's national meeting, held in Washington, D.C., February 29 to March 3. Dr. Kreek was selected because of her scientific accomplishments and also because of her position as immediate past chairman of the scientific organization, the Committee on Problems of Drug Dependence.

On December 18, she was a requested speaker before the Presidential Commission against the HIV Epidemic, in Washington, where she delivered a talk on "AIDS and Parenteral Drug Abuse: Needs for Treatment and Research."

Rocky (continued from page 1)

temperature- and humidity-controlled rooms of the Smith Hall Annex and the introduction of a new "keycard" security access system, which has been installed in both Smith Hall B-7 and the D-Level Annex Locations. These keycards are magnetically encoded and can be obtained through the computing services office, Smith Hall, Room B-4, during regular working hours.

Preserving Our Heritage

The Rockefeller University Archives recently acquired a collection of papers from Purnell W. Choppin, who was affiliated with the University from 1957 to 1985. Dr. Choppin was the first professor and co-head of the laboratory of virology and also served as vice president for academic programs and dean of graduate studies. His donations include laboratory notebooks on his influenza and parainfluenza virus research, correspondence, and administrative and subject files.

"Dr. Choppin's papers add to the invaluable record of the rich heritage of this institution," states Archive Director Darwin Stapleton. "We urge and appreciate the donation of personal and professional papers from other members of the University community."

An article by Dr. Stapleton, "Plumbing the Past: Foundation Archives Are Becoming an Invaluable Resource for Those Seeking to Understand Philanthropy's Role in Society," was recently published in *Foundation News*.

If you would like to discuss the donation of papers to the Archives, call Barbara Gilson at the Archives Office in Welch Hall on extension 8912 or Lee Hiltzik at the Archive Center at (914) 631-4505.

Convocation

The University's 30th convocation for conferring degrees will be held on Wednesday, June 8, in Caspary Auditorium, at 3 P.M.

Alumni Briefs

David Baltimore (1964), director of The Whitehead Institute, received the 1987 Rabbi Shai Shacknai Memorial Prize in Immunology and Cancer Research, presented by the Lautenberg Center for General and Tumor Immunology of the Hebrew University-Hadassah Medical School, in Jerusalem, December 23. He also delivered the Shacknai Memorial Lectures.

Born May 25 to **Susan Fahrback** (1985), assistant professor in the Department of Entomology at the University of Illinois at Urbana-Champaign, and her husband Walter Robinson, a son, Abraham.

Michael Grady (1982), formerly a postdoctoral research associate at the Argonne National Laboratory, has been appointed assistant professor of physics at State University College at Fredonia, New York.

In Print

Books by the late Rockefeller biologist and environmentalist **René Dubos** that have recently been reprinted include *Pasteur and Modern Science* by Science Tech Press; *Louis Pasteur: Free Lance of Science* by Da Capo/Plenum Press; and *The White Plague: Tuberculosis, Man, and Society*, written with Jean Dubos, and *Mirage of Health: Utopias, Progress, and Biological Change*, both by Rutgers University Press.

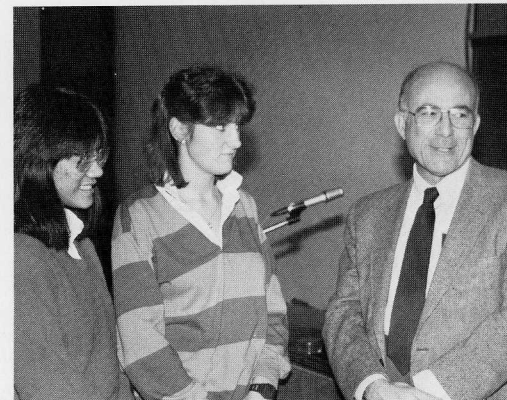
Appointments

Daniel W. Rosenberg, Metabolism-Pharmacology, as assistant professor, effective December 1.

Animal Care Committee

Two new members have been named to the University's Institutional Animal Care and Use Committee, which oversees compliance with NIH guidelines and with the University's own policy, as set forth by the board of trustees. Professor Peter Marler succeeds Professor Anthony Cerami and Dr. Samuel Koide replaces Dr. Moo Young as the Population Council representative.

Other members of the committee are Professors Emil C. Gotschlich (chairman), Hidesaburo Hanafusa, and Torsten Wiesel; Professor Dennis Stark, director of the Laboratory Animal Research Center (LARC); H. Osborn Bagg, LARC manager; Vice President and General Counsel William H. Griesar; and Dr. William Kay, director of the Animal Medical Center. Executive Vice President Rodney W. Nichols serves *ex officio* representing President Lederberg.



Professor Emil T. Kaiser answering questions during a break at the 1987 Alfred E. Mirsky Christmas Lectures in Science for high school students, held in Caspary Auditorium on December 28 and 29.

Promotions

Ralph M. Steinman, Cellular Physiology and Immunology, to professor, effective February 1.

Susan C. Bock, Bioorganic Chemistry and Biochemistry, **Robert L. Jones**, Metabolism-Pharmacology, and **Alan D. Miller**, Neurophysiology, to associate professor, effective February 1.

Li-Shin Huang, Biochemical Genetics and Metabolism, to assistant professor, effective January 1.

Deaths

Raymond M. Fuoss, 82, the first Sterling professor at Yale University, who was a visiting professor at The Rockefeller during the 1940s, on December 1.

Malcolm L. Peterson, 60, associate chief of staff for education at the Veterans Administration Medical Center in Washington, D.C., and former dean of the John Hopkins School of Health Services, who received his Ph.D. from the University in 1960 and was an assistant physician at the Hospital from 1956 to 1960, on November 23.

Suspected Thief Arrested

On December 20, members of the Security Office detained an intruder on campus who may be responsible for the recent thefts at the University and neighboring institutions.

At about 9 P.M. that evening, a man who matched the description of an intruder who had previously been sighted on campus was found wandering in the tunnel near Gasser Hall. When confronted, he could not produce a University I.D. card and was brought to the security desk at Founder's Hall for questioning. While there, he attempted to escape by crashing through the outer doors of the building, and was stopped by security guards. He was arrested by police officers from the 19th precinct and charged with criminal trespass and criminal mischief.

Police detectives are still investigating the case to determine if the suspect had any confederates in the thefts. Director of Security Edward Clarke asks that all members of the campus community remain alert to strangers on campus and to lock up their valuables when not in their offices. He adds that his staff will maintain its increased security measures while the matter is being investigated.

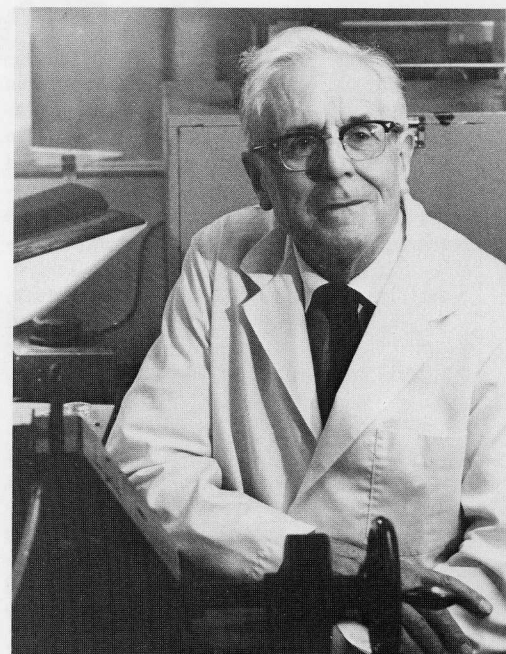
Alexandre Rothen 1900-1987

Professor Emeritus Alexandre Rothen died December 12 in Mont Pelerin, Switzerland, where he had returned in 1975. He was 87 years old.

Dr. Rothen's special interest as a physical chemist was the chemical reactions of extremely thin films at the borderline between liquids and solids. In 1927 he was brought to Rockefeller by the renowned biochemist P. A. Levene to apply his expertise in optics to Dr. Levene's work on protein structure.

Dr. Rothen made discoveries of far-reaching significance concerning the immunologic and enzymatic reactions that take place at the liquid-solid interface. In the 1940s, he developed the ellipsometer, an instrument that measures the thickness of protein layers with very fine accuracy, which is widely used in scientific and industrial laboratories. Among other achievements, he improved an air-driven ultracentrifuge, which was an important step toward more exact protein structure analysis.

Dr. Rothen was born in Geneva, Switzerland, on January 25, 1900. He received a degree in chemical engineering in 1924 and a Ph.D. in physical chemistry in 1926 from the University of Geneva, which awarded him the Prix Jaubert in 1977. He was an assistant for a year at the Radium Institute, in Geneva, before coming to The Rockefeller. An avid ice skating and tennis enthusiast, Dr. Rothen frequently could be found on the University's courts when not in the laboratory. He served as an assistant and then associate professor and was appointed a professor in 1966. He became emeritus in 1970.



Alexandre Rothen

Briefs

Professors **Günter Blobel**, Cell Biology, and **Emil T. Kaiser**, Bioorganic Chemistry and Biochemistry, presented lectures at The Miami Bio/Technology Winter Symposium, February 8-12. Dr. Blobel's topic was "Intracellular Protein Traffic" and Dr. Kaiser's was "Design and Construction of Biologically Active Peptides and Proteins."

(continued on page 4)

Professor Christian de Duve, front and center, with present and former members of his laboratory, who gathered at the University on November 21 to honor him at a "scientific" birthday party. Over 75 participants from throughout the United States, Asia, Europe, and South America joined in the day-long celebration, which included research presentations, a reception, and dinner.



Briefs (continued from page 3)

Professor **D. Martin Carter**, Investigative Dermatology, spoke on "Exposure to Ultraviolet Irradiation, DNA Damage, and Skin Cancer," at a conference on Melanoma and Skin Cancer Biology and Comparative Features in the U.S. and Japan, sponsored by the National Cancer Institute and the Japan Society for Promotion of Sciences, in Tokyo, November 13-15. He also delivered a lecture, "Studies on the Biology of Wound Healing," at the 13th Annual Meeting of The Chinese Dermatological Society, in Taipei, Taiwan, November 21-22.

Banvir Chaudhary, associate director of computing services, was an invited speaker at the PROPHET Colloquium, held in Cambridge, Massachusetts, January 17. He spoke on "PROPHET as Part of a Central Computing Facility." PROPHET is a national computer resource developed specifically for use by pharmacologists, medicinal chemists, and other biomedical scientists studying the interaction of chemical and biological systems and is supported by the Biomedical Research Technology Program, Division of Research Resources, National Institutes of Health.

Professor **E.G.D. Cohen**, Theoretical Physics, gave eight lectures on "Non-equilibrium Statistical Mechanics and Kinetic Theory" at the First Australian Summer School on Statistical Mechanics, in Canberra, January 4-22.

Professor **Louise A. Dolan**, Theoretical Physics, has been elected a Fellow of The American Physical Society for "fundamental contributions to field theory at finite temperature, quantization of the nonlinear Schrödinger equation, the $1/N$ expansion and for pioneering the use of Kac-Moody algebras in particle physics."

Vice President for University Relations **Barry W. Dress** has been elected to the board of directors of the Nonprofit Coordinating Committee of New York (NPCC-NY). Established in 1983, the NPCC-NY is a coalition of the city's nonprofit organizations working to increase public awareness of their role and contributions to the quality of life in New York. It also works with the more than 10,000 nonprofits in the metropolitan area, helping to build their programs and to forge productive associations among them.

Professor **David Gadsby**, Cardiac Physiology, spoke on "The Voltage Dependence of the Sodium-Potassium Pump," at a conference on The Cellular and Molecular Biology of Cell Sodium at Yale University School of Medicine, December 10-11.

Professor **Paul Lazarow**, Biochemical Cytology, gave the opening lecture, "Peroxisome

Structure, Function, and Biogenesis," at a symposium on peroxisomal disorders at the annual meeting of the American Society of Human Genetics, in San Diego, October 7.

President Lederberg and Professor **Christian de Duve**, Biochemical Cytology, were among the participants in "Facing the 21st Century: Threats and Promises," an international conference of nearly 80 Nobel laureates, convened by French President M. François Mitterand and Elie Wiesel, the 1986 Nobel Peace Laureate, in Paris, January 18-21.



Max Abramovitz, left, the University's architect for many years, receiving the 1987 East Side Association Award from Vice President David Lyons, a director of the Association, at a ceremony on October 19. Mr. Abramovitz, whose latest project for the University is the new 63rd Street pedestrian overpass, was honored for outstanding contributions to the neighborhood.

Professor **David C. Mauzerall**, Biophysics, spoke on "Electron Transfer across the Lipid Bilayer-Water Interface," at the International Conference on Photochemistry, in Budapest, August 10. He then spent six weeks at the Biochemistry Department of the Weizmann Institute of Science, in Rehovot, Israel, under the auspices of the Rockefeller's exchange program with the Weizmann. In addition to giving lectures, he and Dr. Shmuel Malkin and Dr. Ora Cannani extended the pulse photoacoustic method so that the response to single flashes of light could be measured. For the first time it was possible to "hear" the oscillations in oxygen production in an intact leaf.

Dr. Mauzerall also was co-chairman of the Japan-U.S. Information Exchange Seminar on "Chemical Approach to the Photosynthetic Reaction Center," in Kyoto, Japan, January 10-14. The seminar, cosponsored by the National Science Foundation, brought together researchers in the field of photoconversion of light energy in photosynthetic reaction centers and their chemical models.

Professor **Anthony I. Sanda**, Theoretical Physics, spoke on "Current Topics in Weak Interactions," at a workshop on weak interactions, in Santa Fe, in June, and at a workshop on experiments, detectors, and experimental areas for supercolliders, at the University of California, Berkeley, in July, where he presented a summary of the 1986 snow mass workshop on the same topic and organized a session on B physics.

In August, he spoke on "B Physics for the Next 10-30 Years," at a workshop on B physics at KEK, at KEK Tsukuba, Japan, and in November, he organized a session of the theoretical group at a workshop on B physics at Tevatron II, at Fermilab.

Professor **Elaine Tuomanen**, Microbiology, delivered a lecture, "Bacterial Cell Walls and the Mechanisms of Inflammation in Experimental Meningitis," at the Workshop Conference on "Surface Structures of Micro-Organisms and Their Interaction with the Mammalian Host" at Schloss Ringberg, Germany, in October.

Professor **Torsten N. Wiesel**, Neurobiology, delivered two lectures as part of the 55th annual series of Thomas William Salmon Lectures presented by The New York Academy of Sciences, December 3-4. He spoke on "Innate and Environmental factors in the Development of the Visual Cortex" and on "Visual Processing in the Striate Cortex."

Personals

Born January 14 to Nurse Practitioner **Dorothea Caldwell Brown**, Investigative Dermatology, and her husband, Dr. Clinton Brown, a son, Malcolm Douglas Brown.

Research Associate **Nicholas J. Murgolo**, Medical Biochemistry, was married on September 12 to Dorothea Kominos, a graduate student at Rutgers University.

Born December 31 to Executive Assistant **Mary Jane Zimmermann**, President's Office, and her husband, Marc, a son, Michael John.

Continuing its long-standing policy to actively support equality of opportunity for all persons, The Rockefeller University forbids discrimination on the basis of race, color, religion, sex, age, national origin, or handicap. The Administration has an Affirmative Action Program to increase the employment of women and members of minority groups in all areas of the University's activities.

News and Notes is published five times a year from October through July. This is Volume 19, Number 3. Suggestions for articles are welcome and may be sent to *News and Notes*, Box 68, phone extension 8967. Photographs, page 1, left center and top, page 2, and page 3 bottom right, John Sholtis; page 1, bottom left, Mary Wagner; page 3, top right, Ingbet Grüttner; page 4, Camera 1. © 1988 The Rockefeller University, New York 10021-6399. Printed in the United States of America.