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## NEWS AND NOTES 1988, VOL. 19, NO.2

The Rockefeller University

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# The Rockefeller University

December 1987-January 1988  
Volume 19, Number 2

# News and Notes

## Recognition Day

Thirty-one members of the campus community were honored at the University's second annual Employee Service Recognition Program, held on November 30. The occasion celebrates those who have achieved 10 and 20 years of service during the past year. It was marked with a ceremony in Caspary Auditorium, presided over by Personnel Director John J. O'Donnell, and a reception in the Abby Lounge attended by this year's and last year's honorees.

Following President Lederberg's expression of the University's appreciation, the 10-year celebrants were presented with Tiffany pens and the 20-year celebrants with Tiffany crystal bowls.

Those marking 10-year anniversaries were Susanna Rankin Ander, Bryan Cort, Bernard Curry, Antoinette Denisi, Darlene Graefe, Louise Getting, Eileen Harkins, Donald Humbert, Michael John, Eugene Keveny, Diane Lott, Douglas Many, Gladys McMilleon, Marta Nottebohm, Diane Patel, and Thomas Rosenbaum.

Those honored for 20 years were Katie Bell, Wilbur Brunson, Margarita Campbell, Isaias Coats, Frank Colosi, Juan Cruz, Angel Ferrer, Fannie Freeman, Salvatore Manfre, Ana Martinez, Leonard Mehciel, Herbert Negron, Hattie Powell, Krikor Tomoian, and Manuel Vargas.



Above, ten-year celebrants. Front row, front left, Thomas Rosenbaum, Gladys McMilleon, Diane Lott, Antoinette Denisi, Louise Getting, Eileen Harkins, Susanna Ander. Top row, President Lederberg, Michael John, Bernard Curry, Douglas Many, Eugene Keveny, Bryan Cort.

At right, twenty-year celebrants. Front row, from left, Margarita Campbell, Ana Martinez, Katie Bell, Salvatore Manfre. Top row, President Lederberg, Manuel Vargas, Frank Colosi, Herbert Negron.



Joshua and Marguerite Lederberg, upper right, at the centennial celebration of the Pasteur Institute, in Paris, on October 5. President Lederberg delivered the keynote address of the Centenary Symposium on Molecular Biology and Infectious Diseases. Seated front left, François Jacob, president of the Pasteur Institute; center, President François Mitterrand of France, who opened the ceremonies.

## Stein Lecture

Frederic M. Richards, Henry Ford II Professor of Molecular Biophysics at Yale University, will deliver the eighth William H. Stein Memorial Lecture on Friday, January 29 at 3:45 P.M. in Caspary Auditorium. The title of his talk is "Molecular Geometry in Protein Folding, Stability, and Evolution." The lecture is named in honor of the late Rockefeller University protein chemist and Nobel laureate.

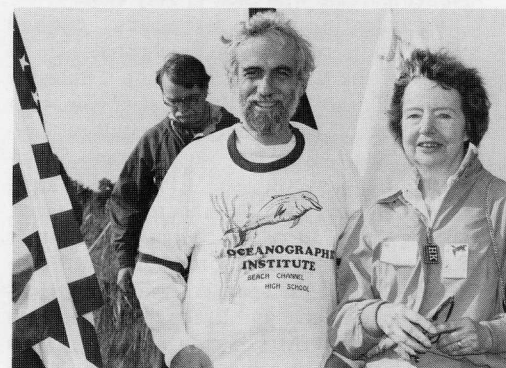


## Horwitz Prize to Blobel

Professor Günter Blobel received the 1987 Louisa Gross Horwitz Prize on December 2. The award, presented annually by Columbia University for outstanding work in biology or biochemistry, cited his "seminal contributions to our understanding of the mechanism by which proteins are targeted to their ultimate destination in the cell."

A member of the Rockefeller community since 1967, Dr. Blobel was named professor in 1976 and Howard Hughes Investigator in 1986.

Previous Horwitz Prize winners who have been associated with the University include Albert Claude, Henry Kunkel, George E. Palade, Keith R. Porter, and Torsten N. Wiesel.



Jean Dubos and Parks Commission Henry Stern at Dubos Point celebration.

## From Junkyard to Treasure, New Park Honors Dubos

On October 24, Dubos Point Nature Refuge was the site of Wetlands Appreciation Day. The point is a 32-acre peninsula that juts northeast into Jamaica Bay from the Rockaways, and is a new city park named in honor of Rockefeller biologist René J. Dubos, who died in 1982. Dr. Dubos was a renowned advocate of the resiliency of natural systems, especially if aided by human effort, and of preserving Jamaica Bay's diverse environment.

Henry J. Stern, New York City Parks Commissioner, who has called Dubos Point "one of the city's greatest treasures," spoke at the wetlands celebration attended by over 200 people. His comments emphasized the

(continued on page 3)

## A for Affirmative

For the University to continue receiving federal funds for its research programs, its equal employment opportunity policies and practices and Affirmative Action Program must be reviewed periodically by the Department of Labor's Office of Federal Contract Compliance Programs (OFCCP). OFCCP must judge the University to be in compliance with all of the laws of equal employment opportunity and affirmative action that fall under its jurisdiction.

John O'Donnell, director of the personnel office and the University's affirmative action officer, and Eileen Holleran, affirmative action coordinator, report that on September 14, after an intensive review by the OFCCP, the University was again found in compliance.

"In our ongoing efforts to obey both the letter and the spirit of the laws of non-discrimination," states President Lederberg, "the University will continue to maintain and develop the necessary policies and procedures to insure future governmental approval."

## Honoring Fritz Lipmann

A three-day Fritz Lipmann Memorial Symposium held in West Berlin in October and a Lipmann Lecture being established by the Council of the American Society of Biological Chemists testify to the enduring scientific legacy of the Rockefeller biochemist and Nobel laureate who died in July 1986.

Participating in the symposium, entitled "The Roots of Modern Biochemistry-Energetics of the Cell: Fritz Lipmann's Squiggle and Its Consequences," were scientists from the United States, Japan, East and West Germany, Yugoslavia, Norway, Sweden, Switzerland, Belgium, Bulgaria, Chile, Poland, the Soviet Union, South Africa, and Israel, among them 30 of Dr. Lipmann's former Rockefeller laboratory members and students. Among the speakers were Professors Christian de Duve and Philip Siekevitz. Also attending were Mrs. Freda Lipmann, who opened the symposium with a talk, "Life with Fritz," and Christian Gillespie, Dr. Lipmann's secretary at Rockefeller for over 20 years.

The Lipmann Lecture will be inaugurated in 1989 in San Francisco at the meeting of the American Society of Biological Chemists. The society hopes to be able to present it as an annual event. Funds for its support have been contributed by a number of companies and by many colleagues of Dr. Lipmann from around the world. Those wishing to participate are requested to be in touch with Professor Robert Roskoski, Jr., head of the Department of Biochemistry and Molecular Biology, Louisiana State University Medical Center, 1100 Florida Avenue, New Orleans, Louisiana 70119.

## Christmas Lectures

Professor Emil T. Kaiser, Patrick E. and Beatrice M. Haggerty Professor and head of the University's laboratory of bioorganic chemistry and biochemistry, delivered the 1987 Alfred E. Mirsky Christmas Lectures on Science for selected high school students in

Casparly Auditorium, December 28 and 29. His topic "Enzymes—Structure, Function, Design, and Construction," was presented in two parts, "How to Study Enzymes," and "How to Design and Construct Enzymes."

Dr. Kaiser, a member of the Rockefeller faculty since 1982, focuses his research on enzymes and other catalytic agents that initiate chemical reactions in the body. He has described the active sites of a number of enzymes, and from this work has gone on to create synthetic enzymes in which the catalytic properties are modified. Such tailor-made molecules are helping to explain biochemical activity and are being studied for their possible usefulness as therapeutic agents.

The Christmas Lectures, begun in 1959, were named in honor of their founder, Rockefeller physiologist Alfred E. Mirsky, after his death in 1974.

## In Case of a Medical Emergency

*News and Notes* has been asked to remind all members of the campus community that, in case of a medical emergency, any time of the day or night, weekdays, weekends, or holidays, they should follow these procedures:

Dial "0," if busy, dial "1111," state that there is a medical emergency, and ask for the operator. Give the operator the location and a brief explanation of the nature of the emergency. Request an ambulance if you think it is needed.

An emergency team, comprised of physicians and nurses from the Hospital, will be paged by the operator and will reach the scene of the accident within minutes.

Station a person at the points of entry to direct the emergency team to the scene and to direct traffic.

Keep an elevator free for the emergency team.

If a member of the team requests an ambulance, dial "0." The Hospital has a direct procedure for securing an ambulance in an emergency.

## Rockefeller Brothers Fund Launches Thai Fellowship

The Rockefeller Brothers Fund has contributed \$100,000 toward a research fellowship at the University for graduate students from Thailand, established in honor of the King of Thailand on the occasion of his 60th birthday this year.

The gift, announced in October by University Trustee David Rockefeller, retiring chairman of the Rockefeller Brothers Fund, leads off a funding campaign for the fellowship that will be conducted in the United States and Thailand and culminate in a gala evening at the New York Grand Hyatt Hotel in April.

## Honors and Awards

Professor **Joel E. Cohen**, Populations, has been elected a fellow of the American Statistical Association in recognition of his "research on random matrices and stochastic theory of population processes, and for stimulating interdisciplinary work in statistics and biological sciences impacting the national scientific community."

Professor **Louise 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."

Professor **Paul Greengard**, Molecular and Cellular Neuroscience, has been elected a Foreign Member, in the class for Medical Sciences, of the Royal Swedish Academy of Sciences.

Professor **James M. Manning**, Biochemistry, has received a MERIT Award from the National Institutes of Health for his research on the chemistry of normal and sickle cell hemoglobin. The award cites "research competence, productivity, and scientific contributions" that are "recognizably outstanding," and provides research support for additional years beyond the usual period.

**Darwin H. Stapleton**, director of the Rockefeller Archive Center, has received the 1987 John Frederick Lewis Award of the American Philosophical Society for his book, *The Transfer of Industrial Technologies to Early America*, published this year.

## Memorial for Levine

Renowned immunohematologist Philip Levine, who was associated with Rockefeller from 1925 to 1932, died on October 18 at the age of 87. Among many achievements during his long career, Dr. Levine participated with Karl Landsteiner at Rockefeller in research that led to the discovery of the Rh factor in blood and he identified Rh disease in newborn infants.

A memorial service in his honor will be held at the University in Casparly Auditorium on February 19 from 10 to 11:30 A.M.

## Steinman Coordinates M.D.-Ph.D. Program

Beginning this fall, Professor Ralph Steinman became co-director of the joint Rockefeller-Cornell University Medical College M.D.-Ph.D. program, which is administered through the dean's office. Ralph Nachman, professor of medicine at Cornell, is the other co-director.

Five candidates are enrolled in the program each academic year for a period of six to seven years during which they earn a Ph.D. in a Rockefeller laboratory and an M.D. degree at Cornell. The current total of biomedical fellows is 33.



## Crossing The Drive In Style and Safety

Neighborhood joggers, strollers, and dog walkers will be crossing FDR Drive on a new pedestrian walkway next December. The present 63rd Street entrance to the East River promenade is being dismantled and will be replaced by a modern, brightly-lit, foot bridge that will feature spacious cement and steel ramps, an overpass supported by steel cables, screen-mesh caging, and an elevated platform lookout affording an unobstructed view of the East River-Roosevelt Island-59th Street bridge vista.

The structure has been designed by Max Abramowitz, whose architectural firm has been responsible for most of the University's new buildings since the 1950s.

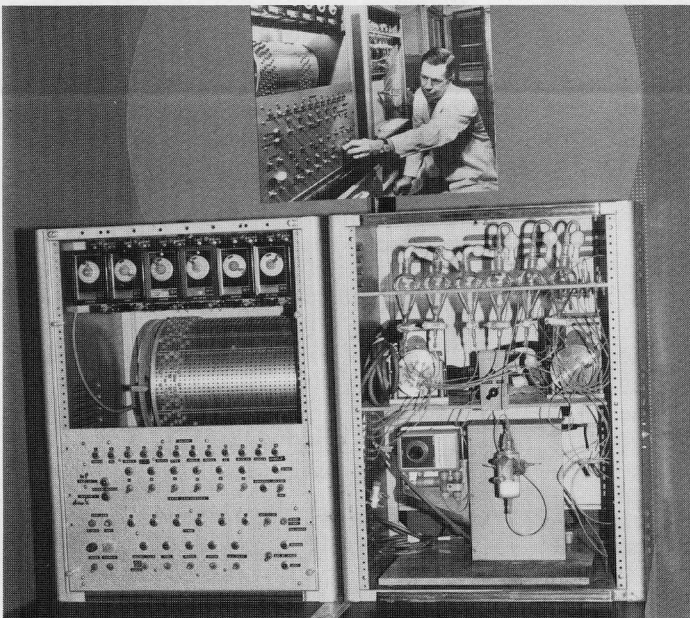
According to David J. Lyons, vice president for business and finance, "the erection of a new walkway is part of our agreement with the City of New York in conjunction with our use of air rights over the Drive and the construction of the Scholars Residence building at 63rd Street and York Avenue." In addition, the University is responsible for upgrading the access areas to the structure.

States Thomas P. McGinnity, director of plant operations, "the University is responsible for dismantling the old walkway and the construction of the new pedestrian bridge, and also for maintaining it in good condition in perpetuity."

Until the new walkway opens, the nearest access to the East River promenade is via the 71st Street overpass.

## Housing Firm to Manage RU Residences

Phipps Houses Services, Inc. has assumed the management of all University-owned residential buildings, effective December 1. The company will handle all accounting, maintenance, security, and purchasing services for Faculty House, 325 East 84th Street, 231 East 81st Street, 220 East 70th Street, and the Scholars Residence upon its completion. Building staff will continue to be University employees.



Dubos (continued from page 1)

importance of the salt marshes on Dubos Point as a nursery for much of the marine life in Jamaica Bay and as a habitat for migrating waterfowl along the Atlantic flyway.

Jean Dubos, widow of Dr. Dubos, expressed her appreciation: "You have understood and acted on [my husband's] dictum: think globally, act locally. Our planet needs its wetlands. Our urban, concrete-stifled souls need communion with the earth, water, sky."

Dubos Point is a perfect example of the "ecological success stories" that René Dubos loved to publicize in his lectures. Bounded by De Costa Avenue and 65th Street in Queens, it was formerly known as Conch Hole Point and had long been used as a dumping ground for abandoned cars and garbage. Its transformation into an urban wildlife refuge began in the 1970s through the combined efforts of Friends of the Rockaways, the Sierra Club, the Audubon Society, the National Park Service, and the New York State Office of Parks. The Point will be managed for the Parks Department by the New York Audubon Society as part of its Buffer the Bay Project.

The diverse environment of Dubos Point has already provided an outdoor laboratory for marine science and oceanography students from Beach Channel High School. Their studies of the wetlands have been ex-

panded to cleanup and replanting of salt marsh grasses on the peninsula.

## RU-Weizmann Symposium

Scientists from Rockefeller and the Weizmann Institute of Science in Israel, participated in the Second Rockefeller-Weizmann Symposium, held at the University on December 1 and 2. The topic was Infectivity, divided into four sessions: viruses, bacteria, proteins and oncogenes, and protozoa, chaired by Professors Norton Zinder, Vincent Fischetti, Zanvil Cohn, and Miklós Müller, respectively. Dr. Zinder also served as conference organizer.

Other Rockefeller participants were President Lederberg, and Professors George Cross, James Darnell, Emil Gotschlich, Hidesaburo Hanafusa, Gilla Kaplan, Peter Model, Pravinkumar Sehgal, Alexander Tomasz, William Trager, Elaine Tuomanen, and Henry Wood.

Opening remarks were delivered by Mona Riklis Ackerman, president of the Riklis Family Foundation, which supports programs of scientific cooperation between Rockefeller and Weizmann. The first joint symposium, on Protein Structure, Function, and Regulation, was held at Weizmann in 1986.

Rockefeller at the Smithsonian. The University was well represented in the exhibition, "The Search for Life," which opened at the Smithsonian Institution's National Museum of American History, in Washington, D.C., on November 11. On display, photo left, the original automatic peptide synthesizer designed by Rockefeller Nobel laureate Bruce Merrifield; photo right, a panel featuring Oswald Avery, leader of the Rockefeller team that identified DNA as the genetic material, and Wendell Stanley, 1946 Nobel Prize-winner for his contributions to enzyme research. The exhibition will run through March 31, 1988, and eventually become part of the museum's permanent collection.

## Harnett Dies

Thomas L. Harnett of the computing services staff died of a heart attack at his home over the Thanksgiving weekend. He was 38 years old.

Mr. Harnett, who joined the University in 1983 as a computer programmer, was appointed manager of user services in 1986.

## Lab Report: Setting the Tone

Jenny Lind was known as the "Swedish Nightingale," and science has shown that the comparison between human and avian singers is more than superficial.

Birds, like human beings, learn their songs. Much of the research explaining how this learning occurs has been conducted at the University's Field Research Center in Millbrook, New York, under the direction of Professors Peter Marler and Fernando Nottebohm. Studies at Millbrook by Professor Stephen Nowicki now reveal that the actual vocal mechanisms of birds and humans—how songs are produced—are more similar than was previously believed.

Human singers produce a broad range of tones. By adjusting the vocal tract—the trachea, larynx, throat, and mouth—and thus achieving changes in the tract's resonance properties, a singer can stress and amplify particular tones while filtering out others. A bird's vocal tract is very different in its structure. The vocal organ, known as the syrinx, is located at the bottom of its trachea, near the lungs. It was long thought that birds produced sound by vibrating membranes in their syrinx without filtering the basic sound. Dr. Nowicki's experiments show, however, that birds, like humans, use resonance.

In less dense gases, sound travels more quickly. When a human singer inhales helium, the resonance of the vocal tract shifts upward and filters out lower tones while stressing the higher ones. As a result of this shift, the singer's voice sounds much higher in pitch even though the vocal cords are moving normally. It was assumed, therefore, that if resonance was involved in birds' singing, there would be a change in the sound of the song produced in a helium environment.

When such an experiment was first tried, in 1966, no change was evident. Dr. Nowicki's recent research reversed this earlier finding. By using sensitive equipment to record the frequencies of the songs, he discovered the appearance of tones in helium that were twice the frequency of the normal tones. The birds sang songs with frequencies of 5,000 to 6,000 Hz in normal air. In helium, the overtones that emerged had frequencies of 10,000 to 12,000 Hz. Years ago, the equipment used could not sense frequencies above 8,000 Hz and therefore could not pick up the overtones. The presence of these overtones indicates that the bird's syrinx produces many frequencies and actively adjust their vocal tracts so that only one tone is heard. In other words, birds use a resonance filter when vocalizing—as do human beings.

These results were first reported in the British Journal *Nature*.

## Aldrete Appointed

On November 1, graphic services acquired a new director, Ray Aldrete, succeeding Robert Keiber, who has resigned from the University, and a new name: media resource service center.

Mr. Aldrete has been associated with the University of Texas Health Science Center for 12 years, most recently as director of photographic services of the office of educational resources. But he is no stranger to New York.

After receiving a bachelor's degree in journalism from the University of Texas, Austin, he completed a certificate program at the New York Institute of Photography and worked for two years as chief medical photographer at Lenox Hill Hospital.



Ray Aldrete

A member of the Health Science Communicators Association and the Texas Scientific Communicators Association, he earned certification in 1981 as a registered biological photographer. He is a member of the board of registry of the Biological Photographic Association and of the board of governors of the association's Texas chapter.

Vice President David J. Lyons states that "the change of title from graphic services to media resource service center more accurately reflects the enhanced range of photographic, graphic, audiovisual, and photocopying technology now available to the campus community." He adds: "Mr. Aldrete's comprehensive background in these techniques and his familiarity with the requirements of a scientific institution such as ours make him ideally suited to head this important service."

## Physics Conference at RU

Following the First International Conference on Elastic and Diffractive Scattering at the Chateau de Blois, France, in 1985, the second conference in the series was held in Caspary Auditorium on October 16-18. Organized by Professors Konstantin Goulianos and Nicola Khuri, the conference drew about 80 participants from 12 countries.

Professor Rodney Cool chaired the program committee. Opening remarks were delivered by Dr. Goulianos, who also presented a talk at one of the nine sessions, as did Professor Sebastian White and Graduate Fellow Richard Breedon. Drs. Khuri and Cool chaired sessions.

## Alumni Briefs

**David Baltimore** (1964), director of The Whitehead Institute, has been named vice chairman of the board of the Scientists' Institute for Public Information.

## R<sub>x</sub> for a Snowy Night

On November 11, a capacity crowd braved the season's first snowfall to hear President Lederberg deliver the University's fifth Public Lecture, "R<sub>x</sub> DNA: The Promise of Biotechnology."

In his talk, Dr. Lederberg traced the scientific development of molecular biology, to which his own Nobel Prize-winning research in bacterial genetics contributed, and discussed its present and potential medical and industrial applications. He illustrated his remarks with historical and scientific slides and an excerpt from a recent television film, "The Race for the Double Helix" (courtesy of the Arts and Entertainment Cable Network and BBC). The combination provided his audience with a real-life image of Oswald Avery, leader of the Rockefeller team that identified DNA as the genetic material, and a movie version of James Watson and Francis Crick creating the first structural model of the DNA molecule.

The Rockefeller University Public Lectures, held in Caspary Auditorium, are presented twice yearly free of charge as a means of helping to expand public understanding of science and the University's research.

## In Print

The proceedings of *The Beckman Symposium on Biomedical Instrumentation*, held on campus on April 12, 1985 in celebration of the 50th anniversary of Beckman Instruments, Inc. and the 85th birthday of Arnold O. Beckman (in conjunction with the 75th anniversary of the Hospital), has just been published by the University in association with Beckman Instruments, Inc. Edited by Guest Investigator **Carol Moberg**, the book contains presentations given by a number of researchers including President Lederberg and Professors **Paul F. Cranefield**, Cardiac Physiology, History of Medicine and Science, **Vincent P. Dole**, Biology of Addictive Diseases, and **Bruce Merrifield**, Biochemistry. Copies of the proceedings are available through the Development Office.

*Neural Darwinism: The Theory of Neuronal Group Selection*, a book by Professor **Gerald M. Edelman**, Developmental and Molecular Biology, that provides a new view of brain function and the nervous system, has been published by Basic Books.

*Controlling Life: Jacques Loeb and the Engineering Ideal in Biology*, a book by Philip J. Pauly that traces the historical roots of biotechnology through the career of **Jacques Loeb**, who was associated with The Rockefeller from 1910 to 1924, has been published by Oxford University Press.

*Reflections on Kurt Gödel*, by Professor **Hao Wang**, Logic, has been published by Bradford Books. In this first extended treatment of Gödel's life and work, Dr. Wang, who was in close contact with him in his last years, offers a generous array of information and examines the full subtlety of Gödel's ideas and their connection with grand themes in the history of mathematics and philosophy.



## New Trustee

Disque D. Deane, founder and chairman of the board of trustees and the investment committee of Corporate Property Investors, Inc., of New York City, has been elected to the University's board of trustees.

A prominent member of the financial and realty communities for over 40 years, Mr. Deane was a partner of Eastman Dillon Union Securities, founder and chairman of Eastdil Realty, president of Gulf Oil Realty Corporation, and senior partner with Lazard Freres & Company; and he has held numerous corporate directorships. He is an advisor to the Mott Family Interests and a former advisor to Rockefeller Center, Inc. In addition to his current posts with Corporate Property Investors, he served as its chief executive officer from 1972 to 1987.

The founder and vice chairman of the National Realty Committee, he is the managing partner with Starrett City Associates (the nation's largest planned high-rise community development), and the managing limited partner of both Lambert Houses and Bellevue South Housing Corporation, in New York; and previously Capital Park Housing Corporation, in Washington, D.C., and El Monte Housing Corporation, in San Juan, Puerto Rico.

A native of La Jolla, California, Mr. Deane attended Duke University from 1939 until the outbreak of World War II, when he joined the Office of Naval Intelligence. He was appointed a commander in the United States Naval Reserve in 1945. He received an MBA degree from New York University's Graduate School of Business Administration in 1950, and attended the Investment Banking Institute of the University of Pennsylvania's Wharton School in 1953.

Among his institutional affiliations, he is a trustee of Duke University, the Huxley Institute for Biosocial Research, and the Linus Pauling Institute of Science and Medicine, and is a member of the International Institute of Strategic Studies, in London.



At right, Manager Timothy Shea's Halloween scarecrow welcomes the new board of directors and a new season at the Faculty and Students Club.

## Deaths

**Dominic D. Dziewiatkowski**, 72, professor emeritus of dentistry and biological chemistry at the University of Michigan, Ann Arbor, who was associated with The Rockefeller from 1948 to 1965, on September 29.

**A. Baird Hastings**, 91, former chairman of the Department of Biological Chemistry at Harvard Medical School and a researcher at Scripps Clinic and Research Foundation, who was associated with The Rockefeller from 1921 to 1926, on September 24.

## Tentative Society

The American Tentative Society, a science writers organization, has presented two of its six annual science writing scholarships to students whose essays were about Rockefeller researchers.

Janet Caplan, a student at Columbia University's Graduate School of Journalism, won for her essay on Professor Donald R. Griffin and his research on animal behavior and his writings on the possibility that animals are capable of conscious thought. Another Columbia student, Andrew Purvis, wrote about Oswald Avery, who, while studying the mechanisms of pneumococcal infection with Colin Macleod and Professor Maclyn McCarty, demonstrated in 1944 that DNA is the substance of heredity information.

The winners are selected on the basis of essays on scientists whose work and lives exemplify the society's belief that "knowledge in any field, especially science, should be regarded as subject to growth, addition or revision, and therefore tentative."

At left, annual meeting of the board of directors of the Faculty and Students Club, October 14. From left, D. Martin Carter, Bruce Merrifield, Sebastian White, E.G.D. Cohen, Philip Siekevitz, James Stewart, Angie Dohnert, and David Lyons. At the meeting, Dr. Merrifield was elected president, succeeding Dr. Siekevitz, and Drs. Bruce McEwen and George Reeke were elected to the board, succeeding retiring directors Drs. Carter and White.



Recreational Therapist Stephanie Rietze (left) and patient Marie Wade at the Hospital's tree-trimming party on December 9.

## Appointments

**Claude Desplan** as assistant professor, effective October 1.

## Promotions

**Robert A. Desharnais**, Populations, to assistant professor, effective October 1.

**Milan S. Blake**, Bacteriology and Immunology, **Nathaniel Heintz**, Biochemistry and Molecular Biology, and **Susan Schwartz-Giblin**, Neurobiology and Behavior, to associate professor, effective November 1.

## Personals

Nurse Practitioner **Dorothea Caldwell**, Investigative Dermatology, was married on October 10 to Dr. Clinton D. Brown, a former member of the laboratory of Professor Edward H. Ahrens and now an assistant professor in the Department of Medicine, Renal Division, at Downstate Medical Center.

Postdoctoral Fellow **Heidi Gorsuch**, Metabolism-Pharmacology, was married on September 6 to Dr. Steven Lewis, an assistant professor of obstetrics, gynecology, and pathology at Columbia-Presbyterian Medical Center.

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 2. Suggestions for articles are welcome and may be sent to *News and Notes*, Box 68, phone extension 8967. Photographs, page 1, left and center bottom, George Byron; right, Lawrence Moberg; center top, Pasteur Institute; page 3, Smithsonian Institution; page 4 and page 5, center and right, John Sholtis. © 1988 The Rockefeller University, New York 10021-6399. Printed in the United States of America.

## Briefs

Professor **Arthur K. Balin**, Investigative Dermatology, has been elected president of the American Aging Association, an organization composed of scientific and lay members who foster and promote biomedical aging research.

Professor **Jan L. Breslow**, Human Genetics, delivered a lecture, "The Characterization of Human Apolipoprotein Genes and Their Contribution to Atherosclerosis," at a conference, "The Molecular Biology of Human Disease: An Asian Perspective," sponsored by Bio/Technology, The National University of Singapore, and the Science Council of Singapore, October 5-7, in Singapore.

Professor **Anthony Cerami**, Medical Biochemistry, spoke on "The Role of Cachectin/TNF in Shock and Cachexia," and Professor **Fernando Nottebohm**, Animal Behavior, spoke on "Neuronal Replacement in Adult Avian Brain," at the Sixth Annual Science Reporters Conference, co-sponsored by the American Medical Association and New York Hospital—Cornell Medical Center, in New York, October 7-8.

Professor **Zanvil A. Cohn**, Cellular Physiology and Immunology, will hold the post of Newton-Abraham Visiting Professor in Medical, Biological, and Chemical Sciences at Oxford University, England, from January to June 1988.

Professor **Paul F. Cranefield**, Cardiac Physiology, History of Medicine and Science, delivered an invited lecture, "Carl Ludwig and Emil Du Bois-Reymond: A Study in Contrasts," at a joint meeting of The Swiss Society for the History of Medicine and Science and The Swiss Physiological Society, in Lucerne, October 9.

Professor **Gerald M. Edelman**, Developmental and Molecular Biology, was a keynote speaker at a symposium, "Nurturing Creative Research Genius for Biomedicine," held at Duke University Medical Center, Durham, North Carolina, September 21. The symposium, sponsored by the state's four medical schools, celebrated the 100th anniversary of the founding of the National Institutes of Health.

Professor **Vincent A. Fischetti**, Bacteriology and Immunology, delivered the Lancefield Memorial Lecture at a meeting of the International Lancefield Society, in Cologne, Germany, September 1-4. The society is named for Rockefeller biologist Rebecca Lancefield, who died in 1981.

Dr. Fischetti, who recently received a National Institutes of Health MERIT award, also was an invited speaker at the Centenary Celebration of the Pasteur Institute, in Paris, October 5-9, where he spoke on "Streptococcal M Protein: A Unique Antiphagocytic Molecule." On November 6, he was an invited speaker at the Shipley Foundation Symposium at Harvard University.

Professors **Jules Hirsch** and **Rudolph L. Leibel**, Human Behavior and Metabolism, spoke on "Present Status of Our Understanding of Obesity" and "Fat Cells: Chem-

istry and Types," respectively, at a conference, "Obesity: Facts & Fads," at Cornell University Medical College, October 26.

**President Lederberg** has been appointed to a four-year membership on the Technology Assessment Advisory Council of the Office of Technology Assessment, a nonpartisan analytical agency that serves the U.S. Congress. Trustee **William J. Perry**, chairman of Hambrecht & Quist Technology Partners, is also a member of the Council.

Dr. Lederberg spoke at the plenary session on "The Research Mission," at a Symposium of the National Association of State Universities and Land-Grant Colleges, in Washington, D.C., November 8-10.

Senior Fellow **William Lowrance**, director of the Life Sciences and Public Policy Program, gave the keynote address to the first Texas Risk Communication Conference, a project of groups concerned about emergency and longer-term responses to chemical threats to health and the environment, held at The Woodlands, Texas, October 16.

### RU REVUE

RU REVUE II is coming in April. Now is the time to get ready. Practice those arpeggios, juggle those balls, limber up your tapping toes—get your acts together. Everyone associated with the University is invited to participate. Contact Yvonne Holland at box 262 or on extension 8396 for further information.

**Lila J. Magie**, corporate secretary and director of faculty administration, has been named the University's corporate representative to the American Association of University Women.

Adjunct Professor **Thomas H. Mickle, Jr.**, formerly dean of Cornell University Medical College, has been named president of the Josiah Macy Jr., Foundation, which supports education in medicine and medical sciences. He succeeds James G. Hirsch, a leader in cellular immunology and physiology at Rockefeller for 30 years, who headed the Macy Foundation from 1981 until his death in May 1987.

Executive Vice President **Rodney W. Nichols** gave the welcoming address at Science and Security: Nuclear and Conventional Forces in Europe, the Second Annual American Association for the Advancement of Science Colloquium on Science, Arms Control, and National Security, held in Arlington, Virginia, September 28-29. He also was the moderator at an open forum on Science, Arms, Control, and National Security.

Professor **Abraham Pais**, Theoretical Physics, delivered an address, "Knowledge and Belief: The Impact of Einstein's Relativity

Theory," at the celebration of the Ninth Centennial of the University of Bologna, Italy, November 21.

Professor **Donald W. Pfaff**, Neurobiology and Behavior, was an invited speaker at the annual meeting of the Japan Endocrine Society, in Tokyo, October 31. He spoke on "Gene Expression in Hypothalamic Neuroendocrine Cells: Relevance to Control of Behavior."

Professor **Shigeru Sassa**, Metabolism-Pharmacology, chaired a session and presented a paper at the 16th Annual Meeting of the International Society for Experimental Hematology, in Tokyo, August 23. He also chaired a session and presented the American Porphyria Foundation Lecture at the International Meeting on Porphyrins and Porphyrins, in Rome, October 7-10.

Professor **Philip Siekevitz**, Cell Biology, was a guest of the Hungarian Academy of Sciences in Budapest and Pecs, September 22-27.

Professor **Victor J. Wilson**, Neurophysiology, was a visiting professor at the University of Hong Kong in September, where he was one of the organizers of a symposium on "Basic and Applied Aspects of Vestibular Function," September 14-16. He also chaired a session and delivered a paper, "Vestibular Control of the Cat Forelimb."

## Bearn, Wolfensohn Elected Hughes Trustees

Rockefeller Trustees Alexander G. Bearn and James D. Wolfensohn have been elected to the board of trustees of the Howard Hughes Medical Institute.

Dr. Bearn is senior vice president for medical and scientific affairs of the international division of the pharmaceutical firm of Merck & Co. and a member of the National Academy of Sciences. Formerly a professor and senior physician at Rockefeller, where he was associated for 15 years, his particular interest was in genetic diseases. He was appointed chairman of the Department of Medicine at Cornell University Medical College in 1966 and the college's first Stanton Griffis Distinguished Medical Professor in 1976. He joined Merck in 1979.

Mr. Wolfensohn is president of James D. Wolfensohn Incorporated, a New York-based advisory and investment firm, and was previously an executive partner of Salomon Brothers. He is a director of CBS, Inc. and Timeplex, Inc., chairman of the Institute for Advanced Study, in Princeton, chairman of Carnegie Hall, and a trustee of the Brookings Institution.

The Howard Hughes Medical Institute, headquartered in Bethesda, Maryland, supports biomedical research in its units at leading scientific centers, including one now being established at Rockefeller. Adjunct Professor Purnell W. Choppin, a Rockefeller faculty member since 1957, was recently elected president of the Hughes Institute, where he had been vice president and chief scientific officer since 1985.