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## NEWS AND NOTES 1989, VOL.20, NO.5

The Rockefeller University

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# News and Notes

## The Rockefeller University

June-July 1989  
Volume 20, Number 5

### Saluting Many Years of Service

Each spring, the university's anniversary and retirement dinner fêtes members of the Rockefeller community who have reached the quarter-century mark or are retiring after a decade or more of service.

This year's party, held on May 15 on the 17th floor of the Tower, honored forty celebrants whose achievements were acknowledged with gifts and testimonials presented by President Lederberg.

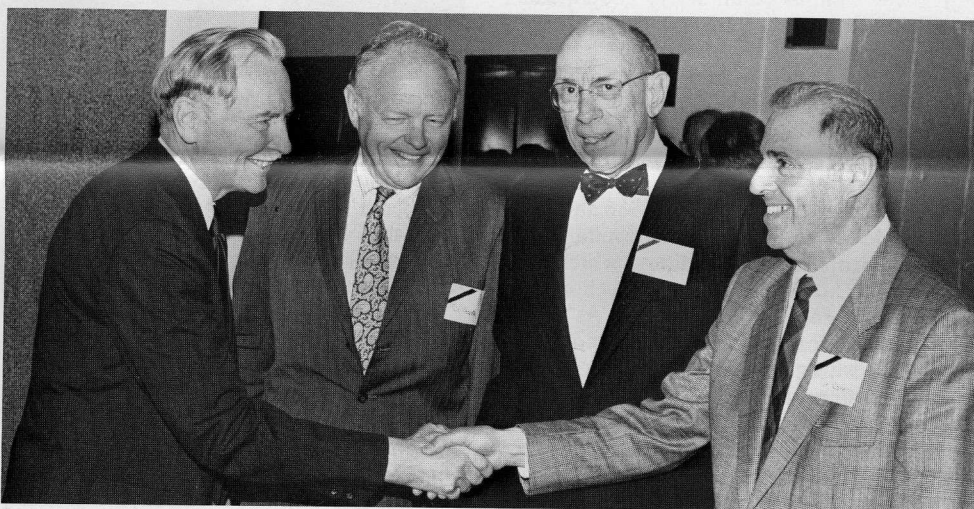


From left, Charles Laughery, Mary T. Flynn, and Amilcar Negron enjoy the party.

Those marking twenty-fifth anniversaries were Professor William Agosta, Victor Chase, Professor E. G. D. Cohen, Professor Vincent A. Fischetti, Mary T. Flynn, Professor W. Einar Gall, Professor Mary Jeanne Kreek, Charles Laughery, Amilcar Negron, Professor Mary R. Rifkin, Viola Shaw, Modesto Vasquez, Pedro Veiga, and Sandra Mae Walsh.

Celebrating her fortieth anniversary at the Rockefeller was University Librarian Sonya Wohl Mirsky.

Also honored, on the occasion of becoming emeritus, were Professors Frank H. Field, Peter R. Marler, Floyd Ratliff, Leonard B. Spector, and Jonathan Winson.



Left to right, Professors Floyd Ratliff, William C. Agosta, Frank Field, and E.G.D. Cohen congratulate one another for their years of service at the anniversary and retirement dinner.

Dr. Lederberg expressed the university's gratitude and affection to twenty retirees: Fernande Bartley (20 years), Clement Baynes (17 years), Victor Brumell (15 years), Ridler Bryan (20 years), James Fulton (36 years), Anthony Fusco (40 years), Hugh Galloway (37 years), Victor Garcia (13 years), Eugenie Jean (19 years), Elsa Kostick (17 years),

Pedro Lluveras (19 years), Salvatore Manfre (22 years), Marjorie McCarty (21 years), Ernest McDonald (14 years), Thomas P. McGinnity (17 years), Rose Lee Odom (30 years), Eduardo Principe (37 years), James J. Stewart (37 years), Valcin Valme (18 years), and Peter Wocial (14 years). (See President Lederberg Recognizes Honorees, page 4.) □

### New Lab Building Approved by Board

The Executive Committee of the university's Board of Trustees approved construction of a new laboratory building on campus at its March meeting.

"This facility will enable the university to provide the space necessary to accommodate new and expanded research initiatives through the 1990s and into the next century," commented President Lederberg. "In addition," he said, "it will house a technical support services floor to be used by university laboratories."

The fourteen-story structure with twelve laboratory-capable floors will be located in the area currently occupied by Gasser Hall and will extend over the FDR Drive.

Built in conjunction with the Howard Hughes Medical Institute, whose investigators will occupy four floors, the facility will contain approximately 200,000 gross square feet, with 12,000 square feet per floor designed to meet research needs. As research initiatives grow at the university, laboratory space will be made available to Rockefeller scientists and be equipped to accommodate their needs. Completion of the structure is expected in early 1992 with occupancy avail-

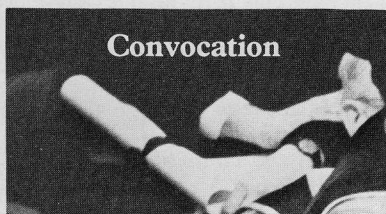
able in the summer of 1992.

Designed by the architectural firm of Abramovitz-Kingsland-Schiff, supported by the engineering firms of Cosentini Associates and the Office of Irwin G. Cantor, the new building will partially rest on a specially designed arch spanning the FDR Drive. Not only will this arch facilitate the staging of the structure, but it is more economical and reclaims the space that would be occupied by conventional massive and costly one-story steel girders. Morse Diesel Company will serve as the building's construction manager.

"We intend to keep disruption to the campus at a minimum throughout the duration of the new building's construction," said Wayne Tucker, the university's project manager. The underground tunnel connecting all campus buildings will remain open. The walkway between the Hospital and Bronx Laboratory leading to the Plaza will be sealed off temporarily. Work is already in progress to upgrade the equipment and utility support for the new building.

Questions regarding construction activities should be addressed to Mr. Tucker at extension 8005. □

#### Convocation



Convocation, usually featured in the June-July issue of *News and Notes*, will be covered in the September-October issue.



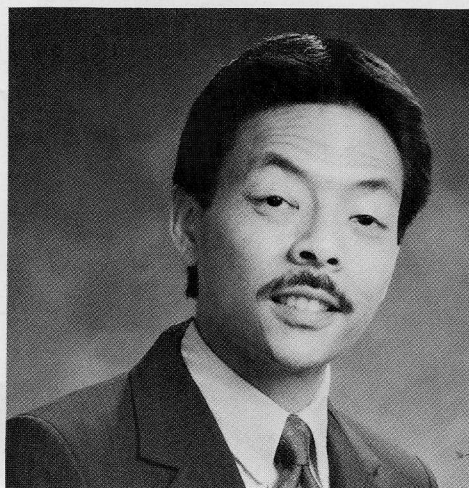
# Three New Faces Join The University

## Sun Fills New Vice President Position

Philip Patrick Sun has been appointed to the new position of vice president for design, construction, and facilities management. Mr. Sun's responsibilities include overseeing construction of the new laboratory building (see story on page 1) and the management of all university facilities including operation and maintenance of the main campus. Reporting to Mr. Sun will be James Z. Metalios, director of physical plant operations, and Wayne Tucker, the university's construction manager for the new building.

"It gives me great pleasure to welcome Mr. Sun to the campus community," comments President Lederberg. "His extensive experience, creative perspective, and managerial expertise in the area of plant operations and construction will prove invaluable."

Before this appointment, Mr. Sun was employed by the Harris County Hospital District in Houston, Texas since 1976. He served as its senior vice president since 1986 and was responsible for all the county's hospital construction projects and facilities, which included three hospitals, ten health centers, a dental center, and support facilities. As executive director for planning for the hospital district, a position he held from 1976 to 1986, he directed approximately 300 construction projects. Many of these were part of one of the largest hospital replacement programs in the nation, involving the construction of new teaching hospitals covering nearly two million square feet over three major campuses.



*Philip Patrick Sun*

Mr. Sun is a registered architect and a member of the American Institute of Architects, the National Council of Architectural Registration Boards, the American Hospital Association, and The Planning Forum. He is a graduate of Rice University's health facilities program, with a B.A. degree in fine arts and architecture and a professional graduate degree in architecture. Mr. Sun serves on several boards including The Health Environment Institute at the University of Houston, where he was an associate professor. He was also recently elected to the Rice University alumni board. □

## New Archivist Arrives On Campus

Arthur F. Sniffin has been appointed an archivist on the staff of The Rockefeller Archive Center in Pocantico Hills, New York. He is responsible for accessioning records received from university offices and laboratories and the personal papers of members of the campus community. Mr. Sniffin also participates in the arrangement and de-



*Arthur F. Sniffin*

scription of these documents and in coordinating requests for access to them by faculty and staff. These materials include administration and laboratory records, faculty papers and research files, reprints of scholarly articles, biographical notes, photographs, personal correspondence, and memorabilia.

Mr. Sniffin, who holds an M.A. degree in history and a certificate in archival management, historical society administration, and historical editing from New York University, replaces former archivist Barbara Gilson, who left the university in February. Most recently, he was a field archivist on Long Island for the New York Historical Resources Center at Cornell University and has worked at the National Archives and the Department of Special Collections at the State University of New York at Stony Brook. He is president of the Long Island Archives Conference and is a member of the Advisory Board of the Harry Van Arsdale Labor History Project and of the Library Committee of the Huntington Historical Society.

Mr. Sniffin is available at the university Archive Office in Room 202 of the Nurses' Residence. He can be reached on extension 8912 or at Box 128 and at (914) 631-4505 at the Archive Center.

The Rockefeller Archive Center, which is administered by the university under the direction of Dr. Darwin H. Stapleton, houses more than 40 million historical documents of the University, The Rockefeller Family & Associates, The Rockefeller Brothers Fund, and The Rockefeller Foundation. □

## Whitehead Elected to Board of Trustees

John C. Whitehead, chairman of the private investment firm of AEA Investors Inc., has been elected to the university's board of trustees.

Mr. Whitehead joins the board following a distinguished career in both government and finance. From 1985 to 1989, he served as Deputy Secretary of State for the United States government under Secretary of State George Schultz. Previous to this, Mr. Whitehead was associated with the prestigious Wall Street investment firm of Goldman, Sachs & Co., which he joined in 1947 and left in 1985, retiring as senior partner.

After receiving his bachelor's degree from Haverford College in 1943, Mr. Whitehead received his M.B.A. from Harvard University in 1947, serving in the United States Navy from 1943 to 1946. He has served on the board of directors of the Equitable Life Real Estate Trust, Household International Inc., and the Pillsbury Company, among others. He is currently a member of the Council on Foreign Relations and the Trilateral Commission.



*John C. Whitehead*

Mr. Whitehead recently married broadcast news correspondent Nancy Dickerson and has three children. □

## Emergency Calls

In an effort to improve response time in emergency situations, all emergency calls on campus are now answered immediately by the university operator on the specially designated emergency line, extension 1111. Non-emergency calls made to this line cannot be transferred.

In the event of an emergency on campus, the caller should

- remain calm
- speak slowly
- state the nature of the emergency
- give the exact location
- give the extension number of the phone from which the call is made.

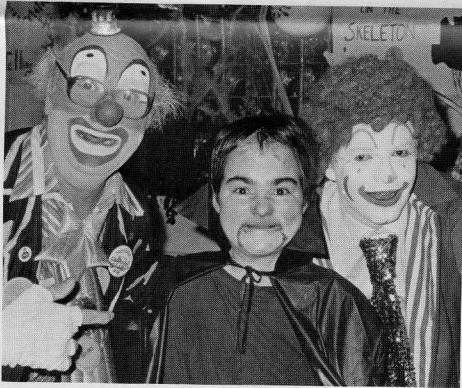


# Helping Patients Find Abilities in Their Disabilities

"They measure my food to one-tenth of a gram," the patient said. "And I'm not uncommon. Most of us are on very strict regimens. It's good we can come in here and just do what we want to do."

Welcome to The Rockefeller University Hospital's Recreational Therapy Unit, a five-room facility on the Hospital's fourth floor. For many patients at the Hospital, especially those who require long-term residence, the unit is a small oasis in their necessarily rigorous and structured lives.

Most of the inpatients who frequent the unit are adults or teenagers. So, for them, entering the unit is like entering a second childhood. Colorful posters line the walls, and unfinished jigsaw puzzles wait patiently upon wooden tables. The arts and crafts room is in almost constant use. In the main room, some patients stretch out on the couch to read, while others huddle around board games or shoot pool.



Hospital patient Bobby Matthews (center) shows off his vampire costume while posing with two clowns at the unit's October carnival.

Directing the facility's day-to-day activities is Recreational Therapist Stephanie Rietze. Assisted only by a small band of loyal volunteers, Ms. Rietze works hard to make the unit a "free" domain, where she hopes "patients



Sharing a smile is part of the job as Recreational Therapist Stephanie Rietze (right) assists patient Ralph Alsina with a crafts project in the Hospital's Recreational Therapy Unit.

will discover the abilities in their disabilities."

"Our purpose is always therapeutic," she explains energetically. "We focus on helping patients learn new skills, relearn old skills, or continue old skills. We want to help them be as independent as possible."

But encouraging and sometimes retraining patients who often have multiple health problems is no small task. Ms. Rietze and her volunteers, most of whom serve about one year, must work hard to accommodate each patient's special needs. The majority of the patients who frequent the unit suffer from high cholesterol, obesity, psoriasis, or epidermolysis bullosa (also known as EB), a

blistering and usually disfiguring skin disorder. Some remain in the Hospital for as long as one-and-a-half years and do not leave the premises for up to six weeks at a time.

Considering these circumstances, Ms. Rietze must work closely with the Hospital's multidisciplinary team of doctors, nurses, and social worker to tailor a therapeutic recreational program for every inpatient. She even accompanies the doctors and nurses on Wednesday morning rounds, where each case is discussed and decisions are made as to proper care.

"Our patients need help in different areas," Ms. Rietze notes. "Some just visit our unit at leisure, to have something to do. Others depend on us more. For example, one of our elderly patients was very depressed because she was having problems with her legs and couldn't move around much. So we decided to try to get her started with some handcraft work she could do in bed. It took some time, but soon she was making little dogs and other animals, and since she left the Hospital she has been earning extra money by selling the things she makes." Such activities can play a large role in a patient's development, giving them something to do with their time, as well as building self-esteem.

In an average week, approximately 60 patients use the unit. Ceramics, leatherworking, rented videos, one-act plays, ping-pong, pool, chess tournaments, bingo, and a host of other activities are the rule. In addition, the unit boasts a sewing machine and laundry facilities that would make many New York City apartment dwellers envious.

But special trips may be the favorite form of recreation. In fact, Ms. Rietze is probably known to every major entertainment organization in the city. "I call everyone I can think of trying to get free tickets for different events, especially things the patients suggest," she says. "We finally got tickets to see the Knicks in March. We go to Broadway shows, movies, the zoo, baseball games. We (continued on page 7)

## Carmen Schmidt Awarded



"I feel like Miss America," Assistant Director of Nursing Carmen Schmidt (left) exclaimed as she received flowers and a pin commemorating ten years of service from Director of Nursing Elizabeth Straight on Nursing Recognition Day, May 10. Ms. Schmidt had just given a presentation entitled "Self-perceived Alterations in Coping Skills of Diabetic Individuals after Participating in Group Teaching Sessions," the culmination of five years of research involving fourteen insulin-dependent diabetic patients. This project was the first nursing research protocol ever undertaken by nursing staff at the Hospital. In June, Ms. Schmidt received another honor: She was named Nurse of the Year by the National Association of Research Nurses and Dietitians during their annual meeting in Houston, Texas.



## President Lederberg Recognizes Honorees

Following are excerpts from Dr. Lederberg's remarks at the anniversary and retirement dinner, May 15.

•Having come to the Rockefeller from the customs service in Guyana, Mr. Baynes has spent the past 17 years protecting the campus from night prowlers, and his reassuring presence at the 64th Street gate in the wee hours of the morning was a welcome sight to those still on campus. Although it will take some time for him to adjust his nocturnal clock now that he's retired, he will have plenty of help from his two young grandsons who live just downstairs. Though he might find that the day still won't be long enough.

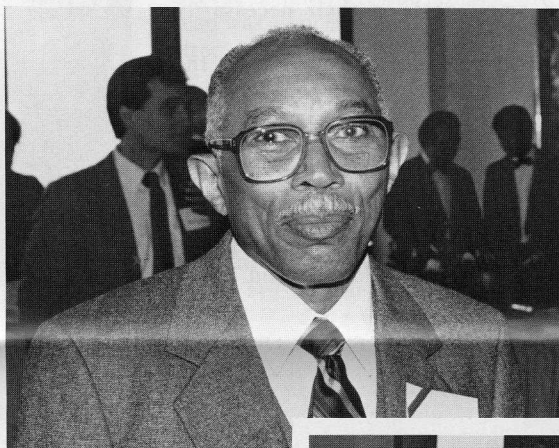
•Mr. Bryan, a 20-year veteran of the Hospital, was well-known for his great kindness to all patients, especially the young children. Being such a great, tall man, he seemed to have a special fondness for the tiniest ones. Beyond that, he contributed a great deal to the general well-being of the Hospital and will be greatly missed. He looks forward to spending his retirement with family in Canada and upstate New York.

friends he had left behind in the Hospital, much as he is planning to perpetuate those friendships during his retirement. He and his wife, Dalphine, a member of Custodial Services also until last year, are retiring to Florida.

•For 30 years Mrs. Odom has been a quiet and efficient member of the Hospital housekeeping staff, and was considered the "right-hand member" of a very hard-working team. Hers was the first name mentioned

when there was a problem to be solved. Because of her uncanny powers of observation, she was generally able to solve any problem completely, as well as take measures to avoid similar ones. Accustomed to awakening at 3:30 a.m., she now fills those extra hours of the day by spending time with her husband and grandchildren.

•Mr. Principe came to the university 37 years ago as an electrician's helper. Though it was only a six-month appointment, it was extended when he demonstrated his ability to learn about the automatic elevators just be-



•Mr. Fulton began his 36-year Rockefeller career in the venerable "old animal house," caring for Professor Merrill Chase's guinea pig colony and the NCS (Nelson/Collins/Schneider) mouse colony production, derived from the late Clara Lynch's original Swiss mouse colony. When the Laboratory Animal Research Center (LARC) was opened, Mr. Fulton was placed in charge of the clean side cagewash area, where his efforts and intelligence kept a very critical support area of LARC running smoothly for years.

•For 19 years, Mrs. Jean was responsible for the gleaming condition of the lower levels of Smith Hall. As someone who doesn't know the meaning of the word "no," and who is able to handle unexpected situations with patience and tact, she was looked upon as an especially reliable resource and will be missed by many.

•Mr. McDonald came to the university from Jamaica in 1974 as a Hospital custodian. When Custodial Services became centralized, he devised ways of keeping in touch with the

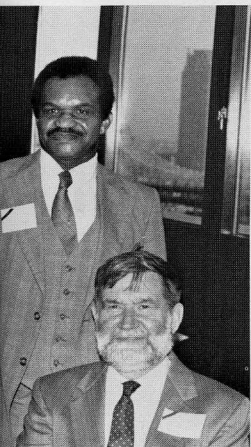
*Pictured on these two pages are some of the many people who attended the anniversary and retirement dinner. Clockwise from above left are President Joshua Lederberg and Sandi M. Walsh; Professor Mary R. Rifkin; Ernest McDonald; Clement Baynes; (l to r) Charles Laughery, Eddie Principe, Modesto Vasquez, Victor Chase, and Professor Emeritus Peter Marler; Professor Jonathan Winson and Mrs. Winson; Valcin Valme; Delbert McLaughlin; Professor Mary Jeanne Kreek; Viola Shaw; and Professor W. Einar Gall.*



ing installed on campus. He quickly became an expert and has been the resident elevator maven ever since. He now plans to renovate some of his real estate holdings before selling them in favor of more leisurely pursuits, such as driving his exotic cars across the country in search of new acquisitions for his antique collection.

•Mr. Valme came to the university 18 years ago from his native Haiti, then in the midst of political turmoil. He found here the calm, gentle atmosphere that matched his own personality. Since then, he has painted almost the entire campus at least once—in more ways than one. With his paintbrush he colored the walls; with his voice he colored the air. Fluent in several languages, he has delighted many on campus by conversing with them in their own language. Now that he has retired, the walls will be painted by others, but who will color the air?

Dr. Lederberg noted with regret those honored in absentia: Fernande Bartley, Victor Brumell, Anthony Fusco, Vincent A. Fischetti, Hugh Galloway, Victor Garcia, Elsa Kostick, Salvatore Manfre, Marjorie McCarty, Thomas P. McGinnity, Pedro Veiga, and Peter Wocial. □



## The Power Behind Purchasing

James J. Stewart, who retired in June as director of purchases and chief pharmacist, refers to the university's stockroom as "a big Woolworth's." This comparison would be apt if, in addition to mop handles, Elmer's glue, and Kleenex, the local five-and-dime carried pipettes, beakers, bunsen burners, microscope lamp bulbs, dimethyl sulfoxide, and all the other supplies needed to equip a modern biomedical research laboratory.

"We purchase everything for the university except the food," says Mr. Stewart of the operation that he has headed since 1971 and that buys over \$20 million annually in supplies and equipment, a million and a half for stockroom sale alone.

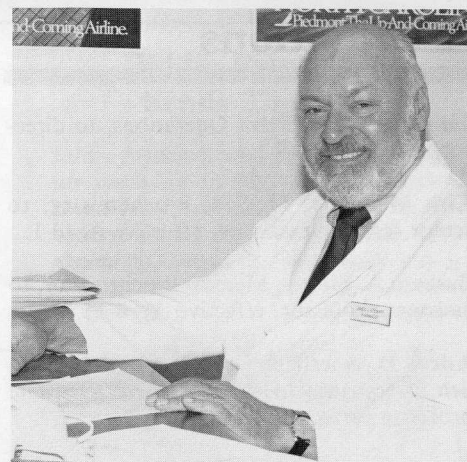
When members of the faculty come to him for advice regarding the purchase of a particular type of instrument, the office not only guides their selection, but makes sure that buyers are getting proper consumer protection with respect to warranties and shipment guarantees. If possible, the staff obtains advantageous pricing.

"We pride ourselves that 95 percent of the purchase orders filled on any given day are sent out that same day," says Mr. Stewart of his department.

In the university's eighty-eight-year history, there have been only two heads of purchasing: Anthony Campo and James Stewart, who was hired and trained by Mr. Campo. First employed at the university in June 1952 as a pharmacist and a storekeeper, Mr. Stewart is an eyewitness to the increased sophistication of scientific instrumentation over the past thirty-seven years. Gone are the days when he would be able to fix a centri-

fuge with an oil can and a wrench. Today's centrifuges are electronically refrigerated, and their speeds are programmed by semiconductors. "Educating yourself to what is new and available for the research scientist in the marketplace is a continuous process," he says.

Some of the changes made by the purchasing office have been in response to the growth and sophistication of scientific technology. But some of the changes have been instigated from within. Under Mr. Stewart's direction, and with the help of computer specialists like Senior Research Associate Paul Rosen from the university's laboratory of electronics, the purchasing office was one of the first in any university to computerize its business transactions. It now can keep track of purchase orders and vendor performance with a tap on the keyboard. "With the



James J. Stewart

knowledge the computer gives us we are able to negotiate purchases from a much stronger position," comments Mr. Stewart. This has translated into discounts, better shipment schedules, and all-around improved service from vendors.

In addition to his responsibilities distributing supplies, for many years Mr. Stewart was the university's pharmacist, overseeing the dispensing of medication for its many clinical research projects. One of the most memorable was working with Professor Vincent Dole in the 1960s when he was developing methadone maintenance for heroin addiction.

Then there were those projects Mr. Stewart undertook that were of an extracurricular nature: he made headache powders for John D. Rockefeller, Jr. Those were the days before medication came mixed and encapsulated from the large pharmaceutical houses. Mr. Stewart mixed up a batch of the analgesic following a "recipe" published in the British pharmacopoeia. He must have copied the directions correctly because Mr. Rockefeller relied on the painkiller until his death, to the extent that he once called Mr. Stewart back from vacation to have him mix up a fresh batch.

"I was attracted to pharmacy at a time when you mixed your own ointments and emulsions and made your own capsules," says Mr. Stewart. "No doubt things have changed for the better, but the mystique is no longer there for me."

Mr. Stewart has also been an active member of the campus community, lending his energy and interest to a variety of activities including the Institutional Review Board, the Faculty and Students' Club (where he has been the secretary and treasurer for fifteen years), and a member of the "unofficial" safety committee before such a body was officially established in 1981.

Mr. Stewart was also a force behind saving many of the historic scientific instruments designed and constructed by university scientists and the Instrument Shop. Working with Professor Merrill W. Chase and Mr. Campo, he assembled an assortment of scientific instruments into an exhibit in the lower level of Caspary Auditorium for the university's seventy-fifth anniversary in 1976. The display was so popular that it has become a permanent installation.

Nine children and thirteen grandchildren would be enough to occupy anyone's retirement, but Mr. Stewart's plans include selling real estate in his hometown area of Bergen County, New Jersey, and reeling in the salmon when he casts his rod over the waters of Lake Ontario this August. □



## Promotions

**James Metalios**, Plant Operations, to director, effective April 1.

**Kirk Manogue**, Medical Biochemistry, to senior research associate, effective April 1.

**Barbara A. Sherry**, Medical Biochemistry, to assistant professor, effective April 15.

**Arleen D. Auerbach** and **Alice Bendix Gottlieb**, Investigative Dermatology, to associate professor, effective May 1.

**Lisa Dailey**, Molecular Biology, to assistant professor, effective May 1.

**Arturo Alvarez-Buylla**, Animal Behavior, **Nancy L. Greenbaum**, Metabolism-Pharmacology, and **Jonathan Smith**, Biomedical Genetics and Metabolism, to assistant professor, effective July 1.

**Richard I. Pine**, Molecular Cell Biology, to senior research associate, effective July 1. □

## Personals

Born April 19 to **Ira Woods**, Mail Room, and his wife **Lisa**, a daughter, **Vanessa**. □

## Helene Jordan Waddell Dies

Helene Jordan Waddell, who retired as director of The Rockefeller University Press in 1982, died on May 4 at her home in Port Jervis, New York. She was 73. A memorial service was held on May 11.

"Jamie," as she was fondly known to her friends and colleagues, made her mark with her mastery of words, both as a writer of children's books on natural history and as an editor of science books and publications. "How a Seed Grows" and other books reflected the author's lifelong enthusiasm for the natural things of this world, including her young readers. The editor won the respect of scientists around the world with her relentless weeding out of errors and infelicities and her insistence on clarity. She won their friendship with her informed interest in their work, her ready wit, and her robust good humor.

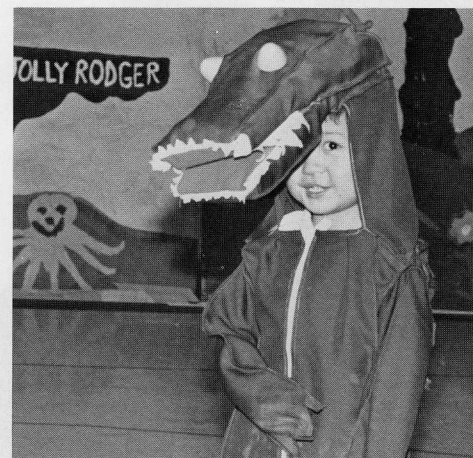
Mrs. Waddell came to the university in 1966 as editor of its book program and became director of the Press in 1980. Among the many books she edited are two volumes of *The Neurosciences: A Study Program* and three volumes of a Biology and Behavior series, as well as *Science and Evolution of Public Policy*; *The Greatest Adventure*; *The Question of Animal Awareness* by Professor Donald R. Griffin; *The Professor, The Institute, and DNA* by the late Rockefeller biologist René Dubos; *Heracleitian Fire* by Erwin Chargaff; and *The Living Cell* by Professor Christian de Duve.

"Working with Helene was a real joy," recalls Dr. de Duve. "She allied, in a wonderful way, a rigorous appreciation of all the finer points of the English language with an unobtrusive respect for the author's style and personality. I will miss her warm personality and delightful sense of humor."

## Peter Pandemonium



A talented cast of students (above) from The Rockefeller University Children's School gave a classic performance of "Peter Pan" on May 26 in Caspary Auditorium. At right, Ling-wu Kong plays the vicious crocodile who ate Captain Hook's hand.



The daughter of the late Paris C. and Bella Rosenthal Jameson, she was born November 15, 1915, in Grand Rapids, Michigan. Her first husband, the late Louis Jordan, had been a news editor at The New York Times. Survivors include her husband, Harry Waddell, three stepdaughters, and three step-grandchildren.

Memorial contributions may be made to the American Cancer Society or the National Wildlife Federation. □

## Ernest Friedheim Succumbs after Brief Illness

Visiting Professor Dr. Ernst A. H. Friedheim, whose research focused on the development of new and better treatments for parasitic diseases, died at his home in Manhattan on May 27 following a brief illness. He was 89 years old. Dr. Friedheim had first been associated with the university in 1930-31, when he studied physical chemistry in the laboratory of Leonor Michaelis, and then in 1978 when he returned to the campus as a guest investigator and subsequently a visiting professor.

Dr. Friedheim's long and distinguished career was highlighted by the development of melarsoprol, which remains one of the most effective drugs for the treatment of trypanosomiasis (African sleeping sickness) and has been attributed to the saving of more than three million lives. More recently, he investigated the use of chelating drugs for the treatment of lead and mercury poisoning. He continued to be active in the laboratory until the last days of his life studying the accumulation of arsenicals in tumors, and exploiting this phenomenon for radiodiagnosis and therapy.

While the development of drugs is usually carried out by teams of chemists, pharmacol-

ogists, and clinicians, Dr. Friedheim single-handedly performed chemical synthesis, laboratory evaluation, and clinical testing in the field. The clinical investigations, under various governmental auspices, took him to Africa, Asia, South America, the Pacific, and China. He served as a member of the World Health Organization's Panel of Experts, and, in 1973, was elected an honorary fellow of the Royal Society of Tropical Medicine and Disease in London.

Born on October 17, 1899, Dr. Friedheim received his medical degree from the University of Zurich in 1924, and diplomas in microbiology from the Pasteur Institute in 1926 and in tropical medicine and hygiene from the University of Hamburg in 1928. In 1939 Dr. Friedheim received his Ph.D. degree in chemistry from the University of Geneva in his native Switzerland. He conducted studies at the Max Planck Institute in Berlin and at the Institut d'Optique in Paris and was appointed associate professor on the medical faculty of the University of Geneva before his return to the Rockefeller.

He is survived by his widow, Suzanne Hagerstrom-Friedheim. □



## Honors and Awards

Professor **Günter Blobel**, Cell Biology, was elected to membership in the American Philosophical Society at its annual meeting on April 21. The nation's oldest learned society, it traces its origin to Benjamin Franklin's 1743 proposal for the establishment of a scientific society in the colonies.

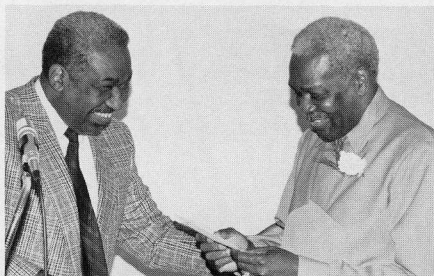
Professor **Joel E. Cohen**, Populations, was elected a Fellow of the American Academy of Arts and Sciences in the section on evolutionary and environmental biology on May 11.

Physician-in-Chief and Professor **Attallah Kappas**, Metabolism-Pharmacology, received the first annual Award for Excellence in Clinical Research from the National Institutes of Health at the annual meeting of the American Society for Clinical Investigation and the Association of American Physicians, in Washington, DC, April 29-May 1. The award honors clinical investigators whose research "best exemplifies the interactions of the basic and clinical sciences in the study of human physiology and pathology."

President Emeritus **Frederick Seitz** was awarded an honorary doctor of science degree from the University of Miami at its commencement ceremonies on May 12.

Professor Emeritus **Maelyn McCarty** was presented with an honorary doctor of science degree from Wittenberg University in Springfield, Ohio, on February 27.

Assistant Director of Nursing **Carmen Schmidt** was named Nurse of the Year by the



*Friends, colleagues past and present, and family shared in the festivities at Mr. Principe's retirement party on May 18 on the seventeenth floor of the Tower Building. Top, from left, Charles Baird, Larry Yuan, who has returned to the University to succeed Mr. Principe, Director of Plant Operations James Z. Metalios, Mr. Principe, Thomas P. McGinnity, retired director of plant operations, and Vice President and Treasurer David J. Lyons. Above left, Mr. Baird presents Mr. Principe with a farewell gift. Above right, Mr. Principe and family.*

## Eddie Principe Sends Thanks

Eddie Principe, who retired as elevator mechanic in May after a thirty-seven-year association with the university, has asked *News and Notes* to extend his thanks for his farewell party and for the gifts and warm wishes he received.



National Association of Research Nurses and Dietitians in June.

Adjunct Professor **Lewis Thomas**, President Emeritus of Memorial Sloan-Kettering Cancer Center, received the New York City Mayor's Award of Honor for Science and Technology at a ceremony at Gracie Mansion, May 8.

Professor **Torsten N. Wiesel**, Neurobiology,

received the 1989 W. H. Helmerich III Award for Outstanding Achievement in Retina Research at the Second Annual Retina Research Foundation Symposium sponsored by the Alice R. McPherson Laboratory of Retina Research of Baylor College of Medicine's Center for Biotechnology, The Woodlands Corporation, and Houston Biotechnology Inc., held at The Woodlands, Texas, April 14-15. Dr. Wiesel also was the keynote speaker and delivered the 1989 Helmerich Lecture on "Neural Mechanisms of Visual Perception." □

## Seitz Receives Honorary Degree



*President Emeritus Frederick Seitz (right), receives an honorary doctor of science degree from Edward T. Foote, president of the University of Miami, at that university's graduation ceremony on May 12.*

### Recreational Therapy (continued from page 3)

saw a filming of *Donahue* in April at a patient's request, then *Geraldo* in May."

The unit also holds special celebrations. At birthday parties, patients are served slices of a wooden cake, because most of them are on restricted diets. ("Ever try to throw a party without food?" Ms. Rietze comments.) But the unit's biggest celebration is its annual carnival, held near Halloween. Costumes and music dominate this event, and patients compete in various party games for "Rock Dollars"—currency they use to purchase donated toys, jewelry, perfume, or ceramics from the unit's prize cabinet.

Volunteers are central to the success of the Recreational Therapy unit, and Ms. Rietze vigorously recruits them by sending flyers out to local schools, churches, and civic groups. The volunteers, who range in age from teenagers to golden-agers, undergo an extensive orientation, and usually one or two help care for patients each day. During their tenure, each contributes by compiling a list of bedside activities and independent projects for patients, programming activities one evening a month, and coordinating a special event.

At present, there is a need for volunteers, especially on weekends. Those interested in volunteering or in donating items for the prize cabinet can reach Ms. Rietze at extension 8474 or Box H42. □



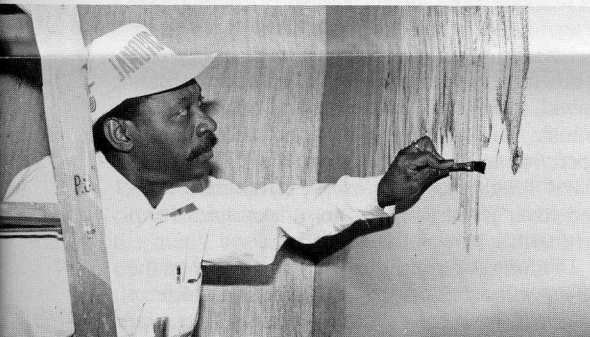
## Briefs

Adjunct Professor **Arthur Balin**, Investigative Dermatology, spoke on "Topical Retin A in the Treatment of Actinic Keratosis," at a news conference on Skin Cancer: Prevention, Treatment, and Survival, sponsored by and held at The New York Academy of Sciences on April 6.

Professor **Günter Blobel**, Cell Biology, spoke on "Nuclear Lamina, Pore Complexes, and Gene Gating," at a session chaired by **President Lederberg** at a symposium, "The Frontiers of Cancer Research," at the dedication of the Rockefeller Research Laboratories at Memorial Sloan-Kettering Cancer Center, May 17.

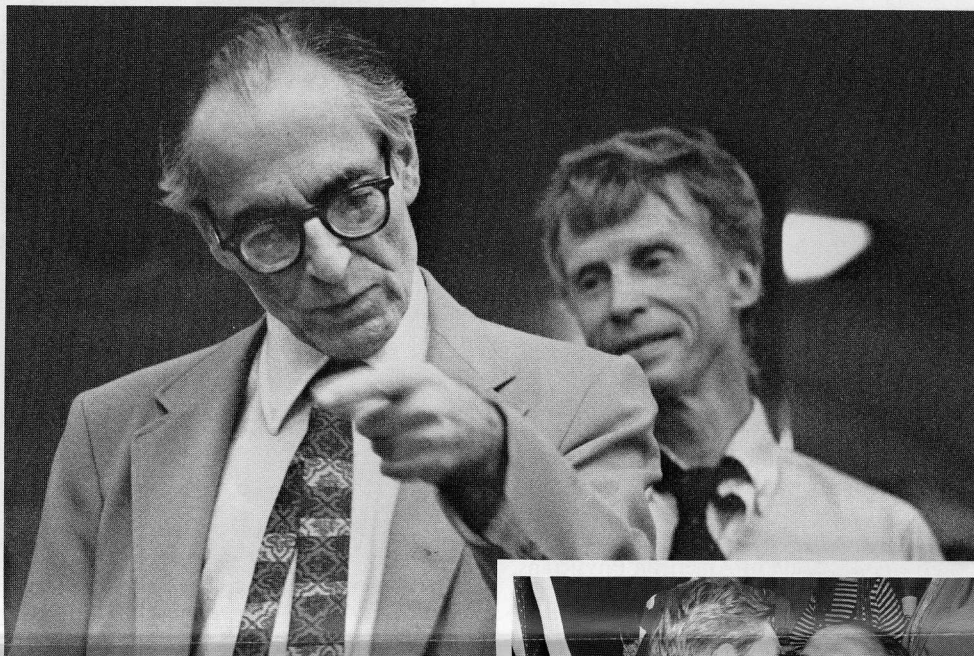
Professor **Paul F. Cranefield**, Cardiac Physiology and History of Medicine and Science, Visiting Professor **Brian F. Hoffman**, and Adjunct Professor **Andrew L. Wit** participated in a Symposium on the Electrophysiology of Cardiac Arrhythmias held in Ann Arbor, May 16-18, that celebrated the 25th anniversary of the Hoffman-Cranefield arrhythmia classification. Dr. Cranefield, who has recently completed a book on the history of East Coast fever, a parasitic disease of cattle, gave talks on that subject at The Wellcome Unit for the History of Medicine, at Oxford University, May 2, and at a symposium on animal diseases sponsored by The Wellcome Institute for the History of Medicine, in London, June 6.

Professor **Vincent A. Fischetti**, Bacteriology and Immunology, was the moderator for a session on "*Streptococcus* and *Pseudomonas*: Bacterial Cell Walls and Capsules," at the 89th annual meeting of the American Society for Microbiology, in New Orleans, May 14-18. He also spoke on "Streptococcal M Protein: An Antiphagocytic Molecule with a Twist," at a seminar, Structure-Function Analyses of Bacterial Virulence Factors. Professor **Stephen S. Morse**, Laboratory Animal Research Center, gave a talk on "Mouse Thymic Virus: Effect on Thymic Cells," at a



Painter **Oliver V. Farley** skillfully wields one of the five brushes he used to create a textured "antique finish" on the walls of Founder's Hall lobby during May. Mr. Farley was trained as a fine artist in Cuba, where he was involved in the lively pre-revolution art world of Havana until his immigration to the U.S. in 1958. The university was his first employer upon arriving in this country and, although he has also worked elsewhere during the last three decades, he has called the Rockefeller home for the past eight years. Mr. Farley has exhibited paintings and sculptures in several galleries, and he hopes one day to own some land where he can create "really huge sculptures."

## Mauro Symposium a Special Success



*Professor Alexander Mauro (above, foreground) reminisces about his 30 years at the university and his involvement with the graduate program in a spontaneous, heart-felt speech at the end of the symposium held in his honor June 5 in Caspary Auditorium. With Dr. Mauro is one of his former students, Dr. Alan Steinbach. At the reception that followed (inset), Dr. Mauro receives a kiss from his secretary of eight years, Toni Weil.*

session on "Herpesviruses of Laboratory Rodents and Nonhuman Primates."

**President Lederberg** presented the Dwight H. Terry Lecture Series at Yale, April 6-7 and 13. He spoke on "The Living Cell—Its Origin and Destiny," "The Human Organism in Health and Disease," "Science and Policy," and "Science as a Vocation."

Senior Fellow **William W. Lowrance**, director of the Life Sciences and Public Policy Program, convened a symposium on Regulatory Management of Carcinogenic Chemical Risks in North Carolina, May 2-5.

Professor **Stephen S. Morse**, Laboratory Animal Research Center, was the chairman of the organizing committee and gave the introductory talk at the Conference on Emerging Viruses: Evolution of Viruses and Viral Disease, sponsored by the university and the National Institute of Allergy and Infectious Diseases and the Fogarty International Center of the National Institutes of Health (NIH), in Washington, DC, May 1-3. **President Lederberg** gave the keynote address and Adjunct Professor **Richard Krause**, senior scientific adviser to the Fogarty International Center of the NIH, was a conference co-organizer and chaired the panel discussion, "Can Viral Disease Emergence Be Anticipated and Prevented?"

In Baltimore on May 3, the Uhlenbeck Memorial Session Symposium was held at the spring meeting of the American Physical Society in honor of the late Rockefeller physicist George E. Uhlenbeck, president of the Society in 1956, who died on October 31, 1988. Dr. Uhlenbeck was the co-discoverer of the electron's spin and an expert on the theory of atomic structure and quantum mechanics, statistical mechanics, the kinetic



theory of matter, and nuclear physics. Professor Emeritus **Abraham Pais** spoke on "Uhlenbeck and the Discovery of the Electron Spin," and Professor **E. G. D. Cohen**, Theoretical Physics, spoke on "George E. Uhlenbeck and Statistical Mechanics." Rockefeller alumnus **Ronald F. Fox**, professor and associate director for the graduate program of the School of Physics of the Georgia Institute of Technology, gave a talk on "Stochastic Processes in Physics." A reception co-sponsored by the Society and the university, which was represented by Vice President and Treasurer **David J. Lyons**, followed the symposium.

Professor Emeritus **Carl Pfaffmann** and Professor **Scott Herness**, Neurobiology and Behavior, presented papers at the annual meeting of the Association of Chemosensory Science in Florida, April 12-16. Dr. Pfaffmann spoke on "A Psychophysical Study of a Case of Left Hemiageusia," and Dr. Herness on "Patch Clamp Recordings from Dissociated Rat Taste Cells." □

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 20, Number 5. Suggestions for articles are welcome and may be sent to *News and Notes*, Box 68, or call extension 8967. Photographs: pages 1, 3 center and bottom, 4, 5, 6, 7 top, 8, Media Resource Service Center; pages 2 left, 3 top, 5 top right, Rob Brown; page 7 bottom, University of Miami. © 1989 The Rockefeller University, New York 10021-6399. Printed in the United States of America.



# A View from the Dean's Office

June-July 1989

## Outgoing and Incoming Students

Five M.D.-Ph.D. students and nineteen Ph.D. candidates were awarded their degrees at this year's June 1 convocation ceremony. Five other students are expected to complete their degree requirements over the summer. Thus far, 1989 Ph.D. recipients have accepted appointments at the following institutions: the University of Basel in Switzerland, the University of California at San Diego, Cold Spring Harbor Laboratory, Cornell University Medical College, Duke University Medical Center, Albert Einstein College of Medicine, Harvard Medical School, The Institute for Advanced Study at Princeton University, the Massachusetts Institute of Technology, Mount Sinai School of Medicine, the Laboratory of Parasitic Diseases at the National Institutes of Health, Princeton University, the Research Institute of Scripps Clinic, and the Whitehead Institute for Biomedical Research. In addition, five of this year's graduates are set to begin postdoctoral research positions at RU.

There will be twenty-four entering students in 1989. The five incoming M.D.-Ph.D. students hail from Duke University, Harvard College, Tokyo University, and the University of Toronto. The alma maters of the nineteen entering Ph.D. students include Barnard College, Brown University, the University of California at Berkeley, Grinnell College, The University of Michigan, Miami University, Princeton University, Radcliffe College, Swarthmore College, and Tufts University. Foreign educational institutions represented by the class include Cambridge University in England and four Chinese universities: Fudan University, Peking Union Medical College, Peking University, and Tsinghua University. □

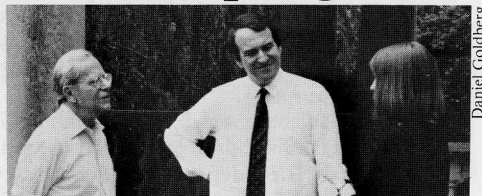
## New Ph.D. Students

With this issue, the introductions of the 1988 entering students are completed.

José-Maria Prats was born in Barcelona, Spain, and received his Licenciado in physics from the University of Barcelona in 1987. At RU, he is in Dr. M.A.B. Bég's lab of theoretical physics. José-Maria's interests center on the intersection between quantum field theory and general relativity. Currently, he is studying basic techniques of quantum field theory. A stalwart member of the RU soccer team, he also enjoys squash, windsurfing, and sailing. José-Maria, who when younger was torn between becoming a professional musician or a physicist, also plays the violin.

A graduate of the State University of New York at Stony Brook, Vincent Prezioso was

## Malaria Conference at Seven Springs



*Dr. William Trager, Dr. John Froude, and Dr. Barbara Sherry, who attended the Malaria Conference at Seven Springs.*

On May 18 and 19, a malaria conference attended by thirty-three faculty, junior faculty, and students was held at Seven Springs, The Rockefeller University's scientific and educational center in Mount Kisco, New York. It was the first topical conference at the center sponsored by the Junior Faculty Committee.

The keynote address was given by Dr. William Trager, professor emeritus, on the subject of intracellular parasitism. Over the course of a day and a half, fourteen talks covering the growth and development of malaria, new chemical approaches to its treatment, the cell invasion process, and the biochemistry of malaria were presented.

The idea to focus on malaria research originated with Dr. Andrew Slater and Dr. Daniel Goldberg, research associates in Dr. Anthony Cerami's medical biochemistry lab. As Dan stated, several groups at RU were working on malaria-related topics, but they had no forum to discuss their work. He believed that the conference would generate ideas and allow participants to profit from each others' experience.

According to Ph.D. student Alejandro Zentella of Dr. Anthony Cerami's lab, it was a wonderful experience to have "very senior people and very junior people" meet in an atmosphere which permitted great freedom to ask questions. Alejandro felt that he gained a unique perspective on the field through listening to discussions by researchers in various stages of their careers. □

born in Brooklyn, New York. He received his B.S. degree, magna cum laude, in biological sciences in 1988. At Stony Brook, Vincent worked with Dr. Christine Ollo of the neuropsychiatry department investigating new diagnostic methods for schizophrenia. He also did research on the neurological effects of narcolepsy and Lyme disease. At RU, he is in Dr. James Darnell's molecular cell biology lab working on cloning gene receptors for toxins involved in the detoxification process of the liver. Vincent, who has long-standing

*continued on page 2*

## Students Attend NSF Round Table Discussion

On March 30, three RU Ph.D. students attended a National Science Foundation Round Table discussion held at New York University. The round table was attended by Dr. Terence Porter of NSF, current and former NSF fellows from Columbia University, the City University of New York, NYU, and The Rockefeller University, and deans and faculty members of Columbia and NYU. RU students in attendance were Mary Baylies, Charles Epstein, and Robert Kovelman. The NYU Round Table allowed current and former fellows to discuss their work and to offer suggestions for program improvement.

The NSF, which receives over 15,000 applications yearly for its 550 three-year fellowships, began in the early 1950s as the first organized government support program for students in the biological, behavioral, and social sciences. According to Dr. Porter, Director of the Division of the Research Center for Career Development at NSF, the "goals of the program are to seek and identify excellence in graduate students and to reward these students with recognition and financial support."

There are three current NSF fellows at RU: Jessica Hopfield, Robert Kovelman, and John McKinney. Past NSF fellows still in attendance are Mary Baylies, Charles Epstein, Annette Lee, Berkley Lynch, Bruce Mayer, and Elsbeth Walker. Since 1966, there have been fifty-eight NSF fellows at Rockefeller. □

## International Exchange Programs

With the expansion of the RU student exchange program, three more students will have the opportunity to gain eight weeks research experience at foreign universities.

Fourth-year Ph.D. student Paul Fehlner of Dr. Te Piao King's lab will be working in the immunology department of the University of Stockholm in Sweden. Robert Kovelman, a third-year Ph.D. student in Dr. Robert Roeder's lab, will be studying in the microbiology department at the University of Geneva's Faculty of Medicine. First-year Ph.D. student Weimin Zhong of Dr. James Darnell's lab will be working in the biochemistry department at Oxford University in England.

RU will play host to three Oxford students over the coming year: Christopher Aston, Matthew Collin, and Ekkeherd Kasper. They will work with, respectively, Dr. Anthony Cerami, Dr. Ralph Steinman, and Dr. Lawrence Katz. One student each from the Universities of Geneva and Stockholm will be selected to study at RU. □



## Glory Entombed

On February 17, RU's own time capsule was unearthed when the contents of a locked cabinet in the Graduate Student Residence's common room were seen for the first time in thirteen years. Revealed was the past glory of The Rockefeller University Chess Club, the RUCC.

In its heyday, the club, presided over by alumni Drs. Francis and George Barany, boasted an impressive string of matches against the Harvard, Princeton, Yale, and United Nations' chess clubs, featured a club bulletin with a mailing list of 200, and hosted a Distinguished Lectures Series. Stored in the locked cabinet were the artifacts of the club's glory: club bulletins chronicling the RUCCs exploits, twenty chessboards, fourteen sets of chessmen, four competition time clocks (still functional), recording sheets, as well as the requisite letter to posterity. The letter, written by RU alumnus Dr. Gerald Campbell in 1976 when he locked the cabinet, read:

*It is a sad note, but there is no one left at the RUCC. After several years of notable and heavily noted history, time has marched on for the vast majority of our fellow RUCCies.*

*In the year following the departure of George Barany as editor, all of the members of the RUCC that formerly resided on campus have left, with the sole exception of myself . . .*

*Therefore, I am closing shop at RUCC, leaving behind the heavy annotation of a colorful career, and un-typed copies of our final two matches. To whoever finds this—may you have the best of luck getting the club back on its feet.*

The torch has been passed to first-year Ph.D. student and former Easter Open Chess Champion of Ghana, Thomas Akompong. Unaware of the former chess club's existence, Thomas had the idea to start one. Memories of the RUCC resurfaced in the minds of several long-resident faculty contacts and, after some investigative work, the location of the RUCC cache was discovered.

Thanks to Thomas, the RUCC has been reborn. Meetings, which are open to all members of the community, take place every Monday in the Faculty and Students Club at 5:30 p.m. All levels of players, from beginner to advanced, can be accommodated. The club maintains a core group of eight postdocs and students, but has attracted up to twelve players on occasion. Plans are under way to hold an in-house competition in July. Then, after a thirteen-year quiescence, the RUCC will take on New York and reclaim its former glory. □

### New Students (continued from page 1)

interests in oriental literature and religion, also enjoys camping and fishing.

Born in Mexico City, Mexico, Marga Theelen received her Licenciatura in 1984 from the National Autonomous University of Mexico with a focus in biomedicine. Beginning in February of 1985, she worked for nine months, first as a student and then as a

technician, in the pharmacology department of a German pharmaceutical firm in Marburg, Germany. Marga came to RU in February 1986, as a research assistant in Dr. Fernando Nottebohm's animal behavior lab. She remained there until June of 1988. Currently, Marga is working with Dr. Maya Frankfurt of Dr. Bruce McEwen's neuroendocrinology lab on the development and regeneration of the nervous system. She is particularly interested in the system of regulated growth and repair of cells and in cell communication. In her off-lab hours, Marga enjoys the opera, Impressionist art, squash, and running.

Malini Vashishtha was born in Anaimalai, Tamil Nadu, India, raised in Delhi, and graduated with a B.S. degree in biochemistry from the All India Institute of Medical Sciences in 1986. She was awarded her M.S. degree in biochemistry from the All India Institute in 1988 for work that focused on the chemical synthesis and immunological properties of the immunodominant epitope of circumsporozoite protein of *Plasmodium vivax*, the malaria parasite. Malini, a prize-winning Sanskrit scholar, considered a scholarly career during high school. She is also interested in Indian classical music.

Weimin Zhong, a native of Shanghai, China, attended Peking Union Medical College, where he was awarded the Friends Fund Scholarship. Weimin completed two years of premedical training at Beijing University and five years of clinical medicine at PUMC before deciding to work toward a doctoral degree in the U.S. His work at PUMC was in a genetic engineering lab, preparing antimalaria vaccines by molecular biological procedures. At RU, he is in Dr. James Darnell's lab, where he is interested in extracellular matrix proteins, developmental molecular biology, and gene expression. Weimin, as one of three RU exchange students, will spend the summer at Oxford University. An ardent soccer fan and bridge player, Weimin also hopes to explore some less scientific pursuits while in England. He also enjoys ping pong, badminton, and baseball. □

## RU On the Move

During the past several months, RU students have fanned out across the country to attend meetings and present papers at a number of scientific gatherings.

Four students traveled to New Orleans to present posters at the 30th Annual *Drosophila* Conference. Three attended the UCLA Symposium on Developmental Biology in Tamaron, Colorado, and three participated in a UCLA symposium on Immunogenicity in Steamboat Springs, Colorado. Students also attended a Protein Folding Symposium at the American Association for the Advancement of Science Annual Meeting in San Francisco, and one participated at the UCLA Parasitology Meeting in Keystone, Colorado. This summer, several students will attend short courses at Cold Spring Harbor Laboratory, while others will

## Supreme Court Brief

Fifth-year M.D.-Ph.D. student Roy Herbst participated in legal history this spring when he collaborated in the writing of briefs submitted to the United States Supreme Court. The Amicus Curiae briefs written by the law firm of Wachtell, Lipton, Rosen, and Katz were submitted in support of the appellees' claim in the William L. Webster v. Reproductive Health Services case. In ruling on the case, the Supreme Court will either reaffirm or overrule the 1973 landmark decision of *Roe v. Wade* that recognized a woman's right to terminate a pregnancy. The briefs were written at the request of Senator Robert Packwood and a consortium of U.S. Congressmen and American law professors.

For Roy, the opportunity arose from being at the right place at the right time. While visiting a friend at the Wachtell law offices, he became involved in a discussion concerning the medical aspects of fetal viability before twenty-four weeks of gestation. The question of fetal viability is considered a pivotal one in the appellees' case, as it involves the issue of when the state acquires a legitimate interest in fetal health. Roy, who is in Dr. James Darnell's molecular cell biology lab, had knowledge of the issue through a neonatal elective done at Cornell University Medical College. The lawyers sought Roy's help, and he spent weeks researching the issue and consulting with colleagues at RU and CUMC. As a result of his research, the notion of a biological threshold was put forth, in which it was argued that technology had not advanced nearly far enough to permit fetal independence from the mother prior to six months. The resulting briefs involved an intertwining of legal analysis and scientific knowledge, particularly concerning the biomedical and technological aspects of pregnancy and fetal development. According to Roy, his task involved the "opportunity to cross medical and legal boundaries and act as a middleman between scientific knowledge and legal application." In this he succeeded. Norman Redlich, Wachtell partner and former dean of NYU Law School, states that Roy "enabled the lawyers to develop, and understand, the scientific concepts that formed the underpinnings" of some of the briefs' key arguments. In doing so, "Roy made an important contribution to the final product and to the development of a critically important area of law."

It is expected that the Supreme Court will rule on the case in early July. □

make presentations at the Society for Developmental Biology at Berkeley, California. International exposure for four students will be gained through their attendance at the International Workshop on Carcinogenic Risk by Endogenous Factors and Processes in Heidelberg, Germany; the ICRF DNA Tumor Virus Meeting in Cambridge, England; the International School for Subnuclear Physics in Erice, Italy; and a meeting on Fundamental Problems in Statistical Mechanics in Altenberge, West Germany. □