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The Rockefeller University

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TOP: left to right, retirees Augustus C. Matamoros, Margery Pedersen, Jean P. Seibert, and William D. Duthie with Board Chairman David Rockefeller (center).

BOTTOM: President Seitz, second from left, with anniversary celebrants, left to right, Vincent G. Allfrey, Lila Magie, Bruce Merrifield, Igor Tamm, and Viola Quinn.

## Anniversary and Retirement Party Honors Nine

Proving conclusively that retirement is a very misleading word, William D. Duthie, who "retired" earlier this year as Machine Shop foreman after 44 years at Rockefeller, has recently returned from an African safari—a life-long dream—and he and his wife are busily running their own restaurant in Trenton, New Jersey. Mr. and Mrs. Duthie were among the celebrants at the University's annual retirement and anniversary dinner, held on April 1 on the 17th floor of the Tower.

## National Academy Elects Six from RU

Professors Kenneth M. Case, Theoretical Physics, Merrill W. Chase, Immunology and Hypersensitivity, Zanvil A. Cohn, Cellular Physiology and Immunology, Philip Siekevitz, Cell Biology, and Igor Tamm, Virology, were elected to membership in the National Academy of Sciences at its annual meeting, held on April 22 in Washington, D.C. Professor Christian de Duve, Biochemical Cytology, was elected a foreign associate. They join 41 other Rockefeller scientists, including emeriti, who hold membership in the 112-year-old academy, which is considered one of the highest honors in the scientific community.

Other retirees honored that evening were: Augustus C. Matamoros of the Paint Shop, who, after 17 years at Rockefeller, will be moving to Louisiana; Margery Pedersen, a 47-year Rockefeller veteran, who was enjoying her first day as former manager of Accounting Services; and Jean P. Seibert, who has held the distinction of being the University's secretary with longest service—28 years—and is now looking forward to decorating her new apartment in New Jersey.

Five members of the University community were honored at the dinner for 25 years of service each: Professor Vincent G. Allfrey, Cell Biology; Lila J. Magie, assistant director of personnel; Professor Bruce Merrifield, Biochemistry; Viola T. Quinn, senior clinic nurse at the Hospital; and Professor Igor Tamm, Virology.

In attendance at the dinner to fete the celebrants and members of their families were other longtime staff and faculty members. As in past years, President Seitz introduced David Rockefeller, chairman of the board, who presented the gifts and certificates to the guests of honor.

## Large Number Report at FASEB Meeting

Some recent tumor research which may have possible implications for future cancer diagnosis was one of a large number of studies reported by Rockefeller scientists at the 59th Annual Meeting of the Federation of American Societies for Experimental Biology. The meeting was held in Atlantic City, April 13-18.

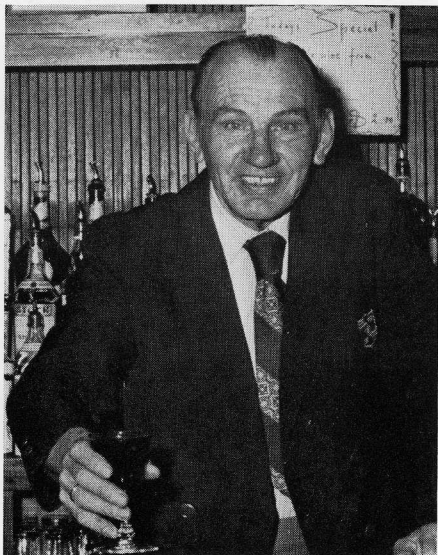
Professor Samuel C. Silverstein, Cellular Physiology and Immunology, in collaboration with Doctors George Acs and Judith K. Christman of the Department of Pediatrics of the Mt. Sinai School of Medicine, presented a paper titled Species and Tissue Specificity of an Inhibitory Antibody Prepared Against Purified Plasminogen Activator from SV-40 Transformed Hamster Cells. Their reported findings resulted from work stimulated by the research of another Rockefeller team led by Professor Edward Reich. Dr. Reich's group recently discovered

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## BLOOD BANK DRIVE

This year the University's Blood Bank Drive will be held on May 15. All members of the campus community are urged to sign up in advance, in the Personnel Office, Founder's Hall, Room 103, for an appointment to donate blood at the Blood Center, which is located at 310 East 67 Street, between First and Second Avenues. All who volunteer to give blood (even those who may be disqualified for medical reasons) will be entitled to draw upon the University's blood bank in case of an emergency affecting themselves, their spouses, dependent children, or dependent parents. By participating, donors will not only be protecting their families, but will also be performing a service for the community, since one-third of the University's donations are designated for community use.

## "What'll You Have?"



Leonhard Wachsmuth, manager of the Faculty and Students Club, who will be presiding at the Spring Festival on May 30, can ask "what'll you have" in seven languages—English, German, Swedish, Russian, French, Italian, and his native Latvian. Mr. Wachsmuth came to the United States 25 years ago, and has been with the University since 1957 when he opened the Faculty and Students Club in Abby Aldrich Rockefeller Hall. Special celebrations through the year, to which everyone on campus is cordially invited, have included the Oktoberfest, the Valentine's Day Party, and the Spring Festival. They are Wachsmuth creations in style and execution from the selection of the food, from his favorite Yorkville wurst emporium, to the music, which on May 30 will be supplied by the one-man band of Luke O'Malley.

## IN PRINT

Professor **René J. Dubos**, Environmental Biomedicine, is the subject of the "Living History" feature of the May 5 issue of *Medical World News*. In the interview, Dr. Dubos reviews the highlights of the varied and productive career that began with his arrival in the United States, at the age of 23, "an immigrant with no fellowship, no job, and no plans."

A fortuitous meeting with the distinguished bacteriologist Selman A. Waksman sent the young Frenchman to Rutgers where he earned a Ph.D. in agricultural chemistry and bacteriology. Chance also brought him to the place which has been his professional home for virtually all his life. Dr. Dubos pays tribute to the many Rocke-

## Spring Festival May 30

The University's Spring Festival—with beer and buffet, live music, fashion show, and dancing from 8:30 P.M. until who knows when—is scheduled for Friday night, May 30, in the Faculty and Students Club. All members of the campus community are invited. Tickets, at four dollars each, will be on sale at the club, at the reception desk of Founder's Hall, and in the Purchasing office.

## Summer Program Planned for Children's School

A few places are still open in the Children's School's new summer program for children aged three to five. It will run from June 23 through August 1, five days a week from 9 A.M. to 1 P.M. The fee is \$125. The program is open to children of all members of the campus community. Further information may be obtained from Barbara Adams, educational director, extension 1591. On Sunday, May 18, from 1 to 5 P.M., an informal family afternoon of music and mingling will be held in the Abby Aldrich Rockefeller lounge for the benefit of the Children's School. The all-Rockefeller performers will include singers Cheryl Rutishauser, Marianne Tauber, and Wendy Wood, violinist Urs Rutishauser, violist Jurg Tauber, pianist Sarah Faust, and flutist Ulric Childs. All are invited, and donations of \$2.50 are requested. Refreshments will be served.

feller scientists who helped and influenced him, especially Oswald Avery, and to an environment which fostered and encouraged fertile scientific exchanges.

Dr. Dubos describes in detail the work that led to his landmark discovery of what he termed the "adaptive enzymes" in soil microbes, which could decompose certain structures of disease germs. With a similar approach, he developed the first practical antibiotic drug, gramicidin, which opened the way for the development of all subsequent antibiotics.

Dr. Dubos's wide-ranging scientific curiosity, coupled with the tragic death of his first wife from tuberculosis in 1942, started him on a study of that disease. Since the spread of tuberculosis is directly related to social and environmental conditions, it was a natural point of departure for his interest in the effects of environment on human health and, ultimately, on the overall quality of human existence.

## BRIEFS

Treasurer **Sydney A. Woodd-Cahusac** is one of 27 prominent New Yorkers who have been invited by Mayor Abraham D. Beame to serve on a new Mayor's Committee in the Public Interest. The purpose of the committee is to initiate and implement a wide range of promotional and public service projects to enhance city life and to attract visitors. (Funds for these projects will be raised from private sources.)

Professor **John B. Zabriskie**, Bacteriology and Immunology, participated in a study on postpericardiotomy syndrome (PPS), which was under the direction of Dr. Mary Allen Engle of New York Hospital. PPS is a condition that sometimes follows heart surgery, presenting symptoms that can be confused with pneumonia, endocarditis, or heart failure. The research group is currently pursuing the concept that this condition may be a result of a viral infection followed by an autoimmune reaction to cardiac antigens.

**Loretta J. Meckl**, an attendant in the laboratory of Professor Anthony Cerami, has completed a course of study leading to certification as a laboratory animal technician, given by the American Association for Laboratory Animal Science.

Barbara Mitchell, wife of Research Associate **Alexander R. Mitchell**, Biochemistry, will receive her Ph.D. in art history this month from Indiana University in Bloomington. She wrote her dissertation on the Italian Renaissance artist Giorgio Vasari. Mrs. Mitchell lived for a year in Italy pursuing her research and presented a paper at an international congress held in Florence in 1974 on the occasion of the 400th anniversary of Vasari's death. Her remarks will be included in the latest volume of *Atti e Memorie*, published by the Italian National Institute for Renaissance Studies in Florence and scheduled for release in the fall.

## CORRECTION

Please note: the May 9 Research Colloquium, in Caspary Auditorium at 3:30 P.M., was incorrectly listed in April. The speaker will be Professor Frank M. Griffin, Cellular Physiology and Immunology, whose topic will be the Mechanism of Phagocytosis.

## Miles of Words To Learn About Learning

A three-year-old boy, perched in a shopping cart, rides up and down the aisles of a supermarket, pushed by a young woman with whom he chats animatedly, answering questions about his favorite breakfast cereal, pointing out the picture of a clown on a box of drinking straws, and describing how to make orange juice. As he talks, his words are picked up by a microphone tucked into the pocket of his bright, print shirt and recorded by a tape machine worked by his companion. Later his remarks will be transcribed, coded, and compared with other conversations—some 25 hours' worth from each of 40 children—recorded in their



WILLIAM S. HALL

homes, schools, and playgrounds. With the consent and cooperation of their parents and teachers, these children are participating in a series of experiments directed by Professor William S. Hall, a new member of Professor Michael Cole's laboratory of comparative human cognition. His research is related to a broad complex of University studies concerned with the psychology of human learning and intelligence conducted by the laboratories of Professors William K. Estes, George A. Miller, and Michael Cole.

Dr. Hall has a special interest in questions involving the relation of learning and language among minority-group children, particularly black children. Is the bright, voluble little boy in the shopping cart fated to wind up a few years from now as a school failure, hampered by difficulties in relating his normal life and language experiences as a black child to the language of the classroom and of the standardized "intelligence" tests derived from the speech patterns and cultural context of a white-dominated society? As Dr. Hall has written: "Despite massive involvement, the

outcome of a decade of psychological research on early childhood learning and the causes of the population differences in performance has generated considerably more heat than light. Some old shibboleths have been destroyed; new ones have been erected. The controversy over the role of genetics in producing ethnic group differences in I. Q. test performance has torn apart both the academic and educational establishments. Schools are no longer seen as an easy avenue to economic success and many even doubt the modifiability of children's intellectual behavior. One clear message to emerge from an era of controversy is that old methods of research are inadequate to the problems on which psychologists are currently working." Aiding Dr. Hall in his studies, which are supported by a grant from the Carnegie Corporation, are Assistants for Research Graeme Bowler, Carl Jones, and Leta Pyne (the companion on the supermarket excursion).

"The error in past research," states Dr. Hall, "was to have professionals from the dominant sectors of society defining problems for minority groups. A slight dent in this policy has been effected in recent years, but isolation of anglo, black, and chicano professionals is not a means to solving intercultural problems. Rather, a comparative framework that mediates between differing groups is a prerequisite to solving many of these outstanding problems." He also asserts that "knowledge of techniques from a combination of disciplines is necessary to do effective research and evaluation in the learning sciences directly related to educational matters."

A step toward Dr. Hall's goal was the creation last summer of an Institute of Comparative Human Development, under his direction. It has just received a grant from the Ford Foundation, effective this coming July for a three-year period. The Institute's purposes are to provide high level, interdisciplinary training for promising young researchers and to serve as an information center and forum for scholars in this area of investigation. Four graduate students are currently receiving training at the institute as part of their doctoral studies—Warren Barksdale and Richard Mays of Columbia University, Lenora Fulani of CUNY, and Laura Hines of Fordham. Adjunct Associate Professor Anderson J. Franklin, who is an associate

professor at Columbia, and Adjunct Assistant Professor Dalton Jones, an assistant professor at the University of Massachusetts, divide their time between their teaching duties and the work of the institute.

Dr. Hall, a graduate of Roosevelt University with a Ph.D. from the University of Chicago, is uniquely suited by training and temperament for the job he has undertaken. A soft-spoken music lover, who once thought of becoming a concert pianist, he imparts an air of warm informality to his surroundings, which include hastily contrived temporary quarters on the Tower's 15th floor to house the overflow of activities from his fourth floor office. He has taught at Roosevelt University, Northwestern, NYU, Vassar, and Princeton, where from 1971 to 1973 he was Jonathan Dickinson Bicentennial Preceptor. He has tested, taught, and counseled young children and adolescents, both gifted and dropouts. He has worked as an associate fellow at the Metropolitan Applied Research Center under the direction of the noted black psychologist and educator Kenneth B. Clark. Dr. Hall also was coauthor of a 1972 American College Testing Program research report, "Stages in the Development of a Black Identity"; and of a study titled, "A Developmental Investigation of Standard and Nonstandard English Among Black and White Children," written while working with the Educational Testing Service in Princeton, and published in the journal, *Human Development*. Scheduled for release this month is a new book coauthored by Dr. Hall, *Culture and Language: The Black American Experience*.

## Sara Miller Exhibition

A selection of woven wall hangings by Sara Miller, daughter of Professor Neal E. Miller, is currently on view in the Faculty and Students Club. Miss Miller, a student of weaving and textile design at the School of American Craftsmen of the Rochester Institute of Technology, spent last year at an art weaving school in Mikkeli, Finland. She plans to devote full time to her craft after she receives her bachelor of fine arts degree next month.

## MISS PEDERSEN'S THANKS

Margery Pedersen, who retired as manager of Accounting Services on March 31, would like to "thank all my friends for the nice reception and lovely gifts. It was the best party I was ever to."



## Distinguished Visitors

Gunnar Myrdal, corecipient of the 1974 Nobel Memorial Prize in Economic Science and Morton Globus Visiting Distinguished Professor of the City University of New York, and his wife, Alva Myrdal, sociologist, diplomat, and disarmament minister in the Swedish cabinet, have been named visiting professors in the comparative human cognition laboratory of Professor Michael Cole.

Gunnar Myrdal is probably best known in the United States for his landmark study, *An American Dilemma: The Negro Problem and Modern Democracy*, published in 1944. He is currently at work on a new study in which the problem of race relations serves as a pivotal focus for a comprehensive look at where American society has gone in the decades since. Mrs. Myrdal's current project is a major study of disarmament. In 1970, the Myrdals received the West German Peace Prize.

## PERSONALS

**Helen Papen**, a helper in the laboratory of Professor Gerald M. Edelman, has asked *news and notes* to extend her thanks and appreciation to all the University coworkers who visited her and sent her gifts and cards during the period of her recent back surgery.

### CONVOCATION JUNE 12

The University's 17th convocation for conferring degrees will be held on Thursday, June 12, in Caspary Auditorium, at 2 P.M.

## Malpractice Report

University Treasurer Sydney A. Woodd-Cahusac served on the 14-member Committee on Medicine and Law of the New York City Association of the Bar which, on April 17, released a report, "The Medical Malpractice Insurance Crisis."

The huge increase in malpractice suits against doctors has led to ever-increasing insurance rates for physicians and, in New York, the threat by the major insurance carrier concerned to terminate all such coverage. The committee's report includes a review of the background events that have led to the present crisis and an examination of different proposals put forward by the insurance companies, the doctors, and the state legislature. (The committee strongly advised against Governor Carey's proposal that the state take over medical malpractice insurance, except as a last resort.)

## Champ Checked

On Thursday evening, April 24, Gisela Gresser, nine times U.S. Women's Chess Champion, took on eight members of the University's Chess Club simultaneously—George Barany, Emmanuel Dumaguing, Lawrence Eisenberg, Alan Gottlieb, Ivan Lieberburg, Carl Rettenmier, Mark Troll, and Steven Wolff. Of the group, Lieberburg won his game, and Rettenmier's and Wolff's games ended in draws.

Among the committee's detailed recommendations for changes and improvements are suggestions for better regulation of the contingency fee arrangement between patients and their lawyers, time limits on suits, written statements by physicians concerning treatment guarantees, better access to medical records, return to a 12-member jury system in malpractice trials, and case reviews by a panel of experts.

LARGE NUMBER REPORT AT FASEB *continued from page 1*

that the transformation of normal cells to cancer cells with tumor viruses induces the release of certain enzymes called plasminogen activators from cells in which these enzymes were previously undetectable. Doctors Christman and Acs purified a plasminogen activator produced by virus-transformed hamster cells, and Dr. Silverstein prepared an antibody against it. This antibody inhibited the enzymatic activity of the plasminogen activator. Since antibodies against a given enzyme frequently react specifically with that enzyme, and not with others, the researchers used their antibody to determine, among other things, whether plasminogen activators produced by tumor cells are all the same or are different in different types of cells. Since the latter proved to be the case, these studies raise the possibility that by producing specific antibodies against different forms of plasminogen activators, it may be possible to detect small amounts of these apparently tissue-specific enzymes in the serum of tumor-bearing animals.

Professor Larissa A. Pohorecky, Physiological Psychology, reported on her continuing work on the effects of alcohol on experimental rats. Last year, Dr. Pohorecky described the differing effects of rapid vs. gradual alcohol withdrawal (*news and notes*, May 1974). This year's report is concerned with the increased amount of steroid hormones released into the bloodstream as a result of heavy doses of alcohol (ethanol), and the relation

of this to the activity of noradrenergic neurons, nerve cells in the brain that play an important role in breathing, body temperature, eating, and other body functions.

Other Rockefeller participants at the FASEB meeting were: Bent Aasted, Alvito P. Alvares, Donna Atherton, Celso Bianco, Anthony Cerami, Chin Chang, Bruce A. Cunningham, Peter D'Eustachio, Gerald M. Edelman, Irving M. Faust, Blair Fraser, Sam Granick, Gerd E. Grieninger, Frank M. Griffin, Johanna Griffin, Gary R. Gunther, Asher Haymovits, Jules Hirsch, Howard Huai-Ta Hsu, Patricia R. Johnson, Attallah Kappas, Thomas J. Kindt, Ronald J. Koenig, Richard M. Krause, and Rostyslaw Kutney.

Also: Sung G. Lee, Ta-hsiu Liao, James M. Manning, Donald A. McClain, Doan Modianos, Meredith Mudgett, Alan M. Nigen, Donald W. Pfaff, Shigeru Sassa, George A. Scheele, Peter R. Sinclair, John A. Sogn, Judith S. Stern, Igor Tamm, Allen L. Thunberg, José de la Torre-Bueno, Ivo J. van de Rijn, John L. Wang, Malcolm Whiting, Ichiro Yahara, and John B. Zabriskie.

Member societies of FASEB are the American Physiological Society, the American Society of Biological Chemists, the American Society for Pharmacology and Experimental Therapeutics, the American Society for Experimental Pathology, the American Institute of Nutrition, and the American Association of Immunologists.