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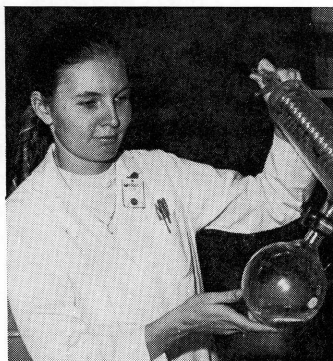
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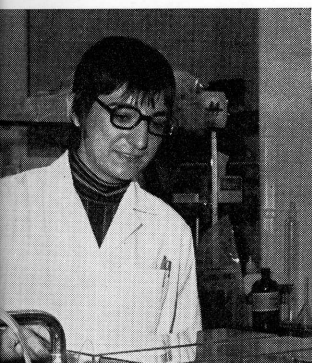
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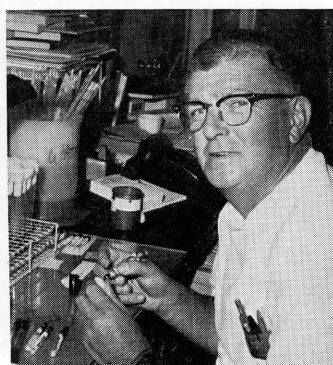
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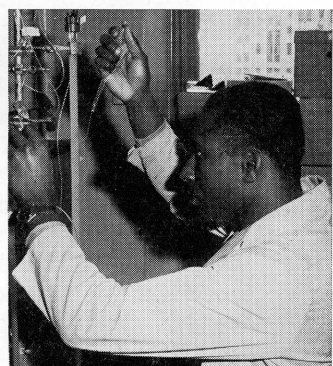
VIRGINIA KOZLER



WILLIAM EVERLY



ALBERT ANGEVIN



KIRTHLYN BRANCH

## A Pride of Research Assistants

There are 177 assistants for research at Rockefeller. They share a common title and a common commitment to the highest standards of professionalism. Beyond that, they are as diversified a group as geography, history, and personal predilection can bring together. They come from nearly everywhere, perhaps the farthest from home being Maria Chikueka of Angola. They are here because "this is where I always wanted to work," or because of a chance suggestion, or for a specific project.

Stephanie Tonner is associated with the laboratory of Professor Edward H. Ahrens, Jr. As a child she would visit the plant biology laboratory where her grandfather, Cecil Pybus, was head greenhouseman for 20 years. Henry Lackland came here 6 years ago with Professor Richard M. Krause from the Washington School of Medicine in St. Louis. Elaine Barzellato came to the Center for the Prevention of Premature Arteriosclerosis last year with Dr. William Insull, Jr., with whom she had worked on research projects at Case Western Reserve University and in Japan.

Senior among assistants for research in years of service is William Everly, soon to mark 32 years with Professor Rebecca C. Lancefield. He came originally from the antitoxin laboratory of the health department in his home town of Otisville, New York, on loan for what was to be a 9-month project. His major responsibility is the preparation of hemolytic streptococcus sera, which are sent, on request, to laboratories all over the world. He and his wife, Ethel, Professor Merrill W. Chase's secretary, return to Otisville on weekends to fish. On vacations they head for the Florida Keys for the "big ones." The walls of their New Jersey home sport his seven-foot sailfish and her dolphin and 70-pound amberjack.

Virginia Kozler, who assists Professor Rafael Lorente de Nó, would like to see more opportunities for assistants

for research to participate in courses and seminars relating to their own work and to work in other labs. Her interest in keeping open channels of communication on campus led her to help organize the Employees Representative Committee, on which she served as a cochairman and representative. A biology and liberal arts graduate of Pembroke, she worked in industry as a biochemical researcher and taught and participated in research at the University of Maryland before coming to Rockefeller.

Although most assistants for research come to the University with a background in science, others have grown into and learned on the job. Kirthlyn Branch, from Saint Kitts, British West Indies, earned a bachelor of science degree at Hunter College while working as a part-time assistant. His goal now is medical school.

Albert Angevin had no particular interest in science. Raised in New York, Martinique, and France, his real loves have always been French and music. In December, he sang with the Desoff Choir at Lincoln Center. Later this year he'll be performing with

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## Lecture to Honor Rous

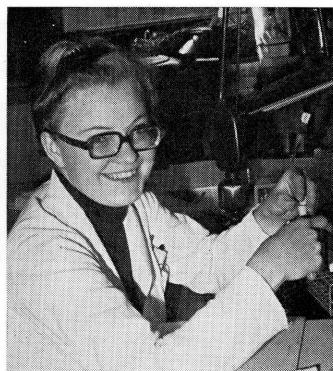
A special lecture in honor of Peyton Rous will be presented March 1 at 8 P.M. in Caspary Auditorium. Speaking will be Dr. Wallace P. Rowe of the National Institutes of Health, a leader in the study of viruses and cancer. Peyton Rous, who died in 1970, was associated with Rockefeller for more than 60 years. He was a co-recipient of the Nobel Prize in medicine in 1966 for his discovery of tumor-inducing viruses in fowl, the so-called "Rous sarcoma." The lecture, which is open to all members of the campus community, was made possible through funds provided by Mrs. Gustav Stern, a frequent contributor to programs in virology.



IRENE SLIZYS



GEORGE KUZMYCZ



JAROSLAVA SYDORAK

A PRIDE *continued from page 1*

them at Riverside Church and Carnegie Hall. In 1962, after 10 years in the air force, he left military service. A friend mentioned that Rockefeller was a good place to work. The only job then open was running an elevator, which he took. Evenings he took college courses in French and math. Passengers on his elevator grew accustomed to the sight of his nose buried in a book. One day Dr. Ahrens decided that Mr. Angevin's curiosity belonged in a lab. Now he is in charge of the gas liquid chromatography section, among many other duties at the Hospital. He still buries his nose in the right book when there's a scientific problem he needs to solve.

Like many American institutions, this university has been greatly enriched by the skills and talents of Europeans uprooted by war. Irene Slizys from Lithuania and Marika Tershakovec from the Ukraine, had both been on their way to medical careers. Both had to begin again in this coun-

try, earning degrees and building new lives. Miss Slizys has been applying her considerable knowledge of chemistry and biochemistry in Dr. Chase's lab for 22 years. Miss Tershakovec, now with Professor William Trager, worked closely for many years with the late Eugene Opie, once having the "great honor" of coauthoring a paper with him.

George Kuzmycz, whose work with Professors Edward L. Tatum and Curtis A. Williams, Jr. mostly involves immunochemistry, had been a veterinarian in his native Ukraine. His wife was a trained pharmacologist. With two small children, they survived a nightmare trek across Europe which included detention camps and close-call bombings. Mrs. Kuzmycz keeps as a souvenir a book still embedded with shrapnel. Today their son is a nuclear engineer in Pennsylvania, and their daughter, Jaroslava Sydorak, also an assistant for research at the University, is working toward a doctorate in comparative literature.

## Plan Experiment on Proxy Issues

The Standing Committee on University Affairs is undertaking an experiment in developing recommendations to the Finance Committee of the Board of Trustees for the voting of proxies on the University's investments when issues of corporate social responsibility are at stake. During the late winter and spring, a small number of proxy solicitations are expected to become the basis for this experiment.

Before drafting recommendations, the SCUA will seek to obtain opinions from the campus community and will gather factual information on the investments involved from a variety of outside sources. After considering the SCUA recommendations, the Finance Committee—which is legally responsible for administering the University's

investment portfolio—will take action on the proxies.

The SCUA has agreed on a set of guidelines for drafting recommendations. They include:

1. Recommendations should be consistent with opinions within the University and should consider internationally accepted statements on human rights and responsibilities.

2. When the SCUA cannot obtain enough information to evaluate what it believes to be a significant ethical question related to one of the selected proxy issues, it will generally recommend to the Finance Committee that the University abstain in writing.

3. Proxies requesting the disclosure of general nonproprietary information about a company's products or activities should be generally favored.

The 10-member Standing Committee, chaired by Trustee Walter N.

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## Alumni Organization One Step Closer

A further step toward the formation of an organization of University alumni was taken January 15 when on-campus alumni met and named six graduates in the metropolitan area to serve as a steering committee. They are William E. Bowers, Anthony Cerami, Donald A. Elliott, and William W. Lowrance, Jr. (all of whom are currently on campus), Frederick Meins, Jr., who is a member of the Princeton University faculty, and Aaron J. Shatkin of The Roche Institute of Molecular Biology in Nutley, New Jersey.

The steering committee will attempt to follow the suggestions of respondents to a survey of all University alumni, most of whom indicated they favored some type of organized alumni activity which is not too formally structured.

Questionnaires were sent to each of the 197 men and women who have received doctoral degrees from Rockefeller through June 1971. Of this group 146 completed their questionnaires, a return of 74 percent. Thirty-three percent replied that they would be willing to hold office in an alumni organization and 70 percent indicated they would take on short-term obligations.

The respondents also showed a high degree of interest in becoming more involved in the continuing life of the University. For instance, 92 percent said they would be willing to conduct preliminary interviews with prospective students. Fifty-seven percent favored greater alumni participation in advising on educational, scientific, and social matters. Alumni assistance in placing graduates was supported by 48 percent of those replying.

In addition, 64 alumni contributed detailed comments on a wide variety of subjects relating to the University's educational and research programs and its policies with respect to students and faculty. These comments have been discussed by the Academic Council and the Standing Committee on University Affairs. President Seitz and Dean James G. Hirsch also have reviewed the responses as contributions to the planning of improvements in the University's operations.

The steering committee hopes to arrange a meeting of University alumni during the annual meeting of the Federation of American Societies for Experimental Biology in Atlantic City in April. At that time a permanent alumni organization will be discussed.



## At the Front Door, a Whale Aquarium

The world of subways and high rises dropped away for some 400 New York high school students as they listened to Professor Roger S. Payne talk about whales at the University's 1972 Christmas Lectures. Dr. Payne divided the two afternoons into a four-part presentation, with tapes, films, and slides, that covered the adaptation of whales to ocean life, acoustical research in whale communication, his own current studies of the right whale species, and a brief history of the whaling industry and current efforts toward preservation of whales from extinction.

Dr. Payne's major research interest centers on the role of acoustics in animal life, a field for which the son of a communications engineer father and musician mother is well suited. He is himself an accomplished musician. As a biology major at Harvard, he worked with Professor Donald R. Griffin, a leader in bat echolocation studies. His Ph.D. thesis at Cornell dealt with the way barn owls use acoustics to locate prey. While an assistant professor for five years at Tufts, he studied how moths use acoustics to evade their bat predators. Dr. Griffin and Dr. Payne both came to Rockefeller in 1966 as members of The Rockefeller University—New York Zoological Society Institute for Research in Animal Behavior.

Dr. Payne, always an ardent conservationist, became interested in studying whales after hearing recordings of their sounds. From the range and variety, he realized that "a lot goes on in the whale's acoustical world." Every spring since 1966, he has observed humpback whales and recorded their vocalizations off the coast of Bermuda, where they can be found en route from their winter feeding grounds. (In 1969 he gave a whale tape concert in

Caspary. Portions of his tapes were incorporated into a score by composer Alan Hovhaness, "And God Created Great Whales.") Other whale expeditions have taken Dr. Payne to the Azores, California, Hawaii, and New England.

In 1969, a concentration of right whales, among the rarest and largest mammals in the world, was spotted by the National Science Foundation research vessel, *Hero*, off the southern coast of South America. (The species' name and its rarity derive from its having been for centuries the "right" whale to hunt. Records of right whale hunts date from as early as the 12th century. Docile and slow moving, they come so close to shore they can be killed from the land. The products of each are worth thousands of dollars. As a result, the species has been hunted to near extinction.) The extraordinary find was followed up by a New York Zoological Society exploratory expedition in 1970 led by Dr. Payne. A summer trip in 1971 launched Dr. Payne's current long-range investigation. His support has been from the New York Zoological Society's Center for Field Biology and Conservation where he is research zoologist and from the National Geographic Society.

Home in Patagonia for Dr. Payne, his wife, Katharine, and their four children, John, 11, Holly, 10, Laura, 8, and Sam, 7, is a small, tin-roofed, cement-block house with a darkroom and lab. Helping the Paynes, all of whom participate in the project, are two graduate students from the State University at Stony Brook, New York, and some local residents. Katharine Payne's knowledge as a trained musician is of critical importance in the analysis of tape recordings. Some tents

complete their camp which lies at the base of cliffs protected from the wind, commanding a superb view of a bay where the whale colony comes so close they can be easily observed around the clock. "It's like a big aquarium at our front door. At night we can hear the whales breathing," Dr. Payne will not publish the precise location of the remote site, nor the number of whales in the whale colony, for fear of informing whale hunters, although he adds, "There are probably too few to attract them anyway." Whale kills, legal and illegal, continue despite the earnest efforts of conservation groups. Dr. Payne himself is a delegate to the International Whaling Commission, scientific director of the New York Zoological Society's whale fund, and a trustee of the Environmental Defense Fund. The last organization is a coalition of lawyers and scientists. Through their work, major protective legislation is being achieved.

The current phase of the Patagonian project, which Dr. Payne believes to be the first in-depth study of whale behavior, will continue through February 1974. He plans to follow his subjects through an entire annual cycle, hoping to reconstruct their migration patterns by encountering known individuals anywhere along the thousands of miles of coastline that may comprise their range. This investigation will take him as far as the outreaches of Antarctica. Right whales have knobby, white, protrusions on their heads called callosities, the conformation of which is unique to each individual. This makes it possible to chart their activities exactly, with the help of aerial photography. Sonar equipment aids in recording their vocalizations, which can be coordinated with the appropriate behavior. Another sound, however, is new to the Patagonian night. It is the Payne quartet—Dr. Payne and John on cello, Mrs. Payne on viola, and Holly on violin.

PLAN EXPERIMENT *continued from page 2*

Rothschild, Jr., was organized early in 1972 to foster broader communications. It includes two representatives each from the trustees, tenured and nontenured faculty, administration, and graduate students.

The experiment by the SCUA during this academic year in advising on a few selected investment issues of major ethical concern was initially suggested by the Study Group on University Responsibility, a voluntary group which has arranged a number of open meetings on campus to discuss the University's investment policies. On July 26, J. Richardson Dilworth,

chairman of the Finance Committee, and Sydney A. Woodd-Cahusac, treasurer of the University, met with the SCUA and reviewed the composition of the Rockefeller University portfolio, investment trends, the need for more research resources on proxy issues, and possibilities for productive interaction between SCUA and the Finance Committee. Mr. Woodd-Cahusac has volunteered to serve as the central point of information concerning the University's current investments and proxy matters that have been raised. Alan M. Tartakoff will serve as the SCUA's principal representative in collecting information pertinent to those proxies selected for the experiment.

## Spring Art Classes

The regular spring series of art classes, open to all members of the University community, begins Thursday, February 15. Instruction in basic and advanced drawing, watercolor painting, and wood carving is offered by J. Forest Vey, who also teaches at Hunter College and at Brooklyn Polytechnic. Sessions meet Thursdays, from 7:00 to 9:30 P.M., in the recreation room of the Graduate Students Residence. The charge is \$25 for the 15-lesson series. Call Iliana N. Barsan (1250) for further information.



University friends and colleagues honor Martha H. Riley, right, at a party in the 17th floor Tower dining room, held December 28. After 25 years with the Social Service and Employee Health Office, Miss Riley is leaving to settle in a new home in Bridgehampton. Shown with her, above, are Maclyn McCarty, University vice president and physician-in-chief, and Elizabeth Straight, senior supervisor of nursing care.

## PERSONAL MENTION

Born, August 18, to Graduate Fellow **Lourival Domingos Possani**, and his wife, Maria Eugenia, a son, Edgar, their first child.

Born, November 12, to **Juan R. Irizarry**, animal attendant, and his wife, Luz, their second daughter, Carmen.

Born, November 14, to **Y. S. John Lin**, an assistant for research in the laboratory of Dr. Christian de Duve, and his wife, K. C. Christine, their first child, a son, David Lin.

**Brenda Jalandoni**, an assistant for research in the laboratory of Dr. Reginald M. Archibald, was married on December 21 to Edilberto Z. Tayag, a medical representative.

Born, December 2, to Professor **Douglas L. Medin**, Psychology, and his wife, Virginia, a daughter, Rebecca Ruth, their second child.

Born, December 12, to Research Associate **David A. Taylor**, Mathematical Psychology, and his wife, Paula, their first child, a son, Michael.

Born, December 21, to **Louise Ferraro**, bookkeeping clerk, and her husband, Joseph, a daughter, Dolores Marie, their fourth child.

**Virginia Utermohlen**, postdoctoral fellow and assistant physician, was married on December 22 to Dr. Richard Van Evera Lovelace, assistant professor at the Graduate School of Applied Physics and Engineering, Cornell University.

## Advisory Committee

Carl Pfaffmann, University vice president and professor of physiological psychology, has succeeded Henry G. Kunkel, senior physician and professor of immunology, as chairman of the University's Advisory Committee for Programs in Reproductive Biology. Dr. Pfaffmann will serve through the 1973-74 academic year. Dr. Kunkel had headed the committee since its creation in 1971.

New members of the committee are James G. Hirsch, senior physician and professor of cellular physiology and immunology, Richard M. Krause, senior physician and professor of microbiology and immunology, and Robert Bruce Merrifield, professor of biochemistry. The other members are Vincent G. Allfrey, professor of cell biology, Attallah Kappas, senior physician and professor of medicine, Rodney W. Nichols, vice president for program planning and development, and Sheldon J. Segal, an affiliate in endocrinology and embryology and director of the Biomedical Division of the Population Council.

The committee's responsibility is to advise President Seitz on the coordination of research and training efforts in the broad fields encompassing reproductive biology supported by a Rockefeller Foundation grant and by other grants the University receives for work in this area. The committee is especially interested in hearing from faculty members and students interested in participating in seminars, lectures, and courses. Those who desire further general information should contact Dr. Pfaffmann or the current seminar committee consisting of Professor Bruce A. Cunningham, Dr. Kappas, Graduate Fellow Darcy B. Kelley, and Professor Donald W. Pfaff.

## Marler Gives Lectures

The fourth program of Darwin Lectures for Students was presented in January by Professor Peter R. Marler. The topics of his four lectures were: Animal Behavior and Natural Selection (January 9); The Stimulus Control of Behavior (January 12); The Spontaneity of Behavior (January 16); and Learning, Genetics, and Behavioral Development (January 19).

The series, begun in 1970, commemorates the work of Charles Darwin. Its purpose is the review of fundamental ideas and problems in science, primarily for students at Rockefeller and other young people.

## BRIEFS

Professor **Donald Davidson**, Philosophy of Language, was elected president of the Eastern Division of the American Philosophical Association at its annual meeting on December 28. Dr. Davidson attended a conference on Pragmatics and the Theory of Communication sponsored by the Center of Interdisciplinary Research at the University of Bielefeld, West Germany, January 18-21, where he gave a talk titled On the Distinction between Semantics and Pragmatics. He will also attend the International Conference on Basic Problems in the Philosophy of Language of the Institute on Method of the Ferdinand Gonseth Association at the University of Bern, Switzerland, March 30-April 1. He will speak on the Limits of Theory of Meaning.

Professor **Rollin D. Hotchkiss**, Cellular Physiology, retired in January from the presidency of the Genetics Society of America. He served as president in 1972 and vice president in 1971. During his period in office, the society was incorporated in Texas and completed most of the arrangements for the 13th International Congress of Genetics, to be held under the society's sponsorship in Berkeley, California later this year. The congress is convened every five years.

**William T. Hertwig**, supervisor of the Laundry, was elected president of the Metropolitan Institutional Laundry Managers Association for a one-year term, which began on January 1.

**Robert Jones** joined the teaching staff of the Children's School in January, replacing Susan Lester who has moved to Philadelphia.

Professors **E. G. D. Cohen** and **Nicola N. Khuri**, Theoretical Physics, participated in an international conference on Mathematical Problems of Quantum Field Theory and Quantum Statistical Mechanics, organized by the Steklov Mathematical Institute of Moscow. The meeting was held in Moscow from December 12 to 19. Dr. Khuri gave an invited talk on Analyticity in Several Variables and Physical Parametric Sum Rules. He also chaired one of the sessions on Particles and Fields. Dr. Cohen served as chairman of the opening session on Quantum Statistical Mechanics. He also participated in discussions concerning future exchange meetings of Soviet and American scientists in the field of statistical physics.