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People and Places

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## PEOPLE AND PLACES

**Theodore C. Byerly**, assistant director of science and education for the Department of Agriculture, was honored in special ceremonies, after 42 years of service. A plaque presented to Byerly was inscribed: "To Theodore C. Byerly, scientist, administrator, world citizen - In recognition of his many years of outstanding leadership in the service of agriculture and with gratitude for his dedication and extraordinary intellectual competence as a scientist in the service of man."



**Kimishige and Teruko Ishizaka**

**Kimishige and Teruko Ishizaka**, a husband and wife team from the Johns Hopkins University School of Medicine, are the recipients of the \$7500 Passano award for 1972. The Passano Foundation is a Maryland non-profit organization with the sole purpose of encouraging medical science and research, especially that having clinical application. The team won their award for fundamental research into the cause and mechanism of allergic reactions. They have investigated many aspects of the antibodies which cause human allergy, and their research led to the discovery of a new class of immunoglobulins, IgE, which are responsible for the disease process.

**William F. Royce**, associate dean of the School of Fisheries, University of Washington, Seattle since 1967, has been named associate director for resource research in the National Marine Fisheries Service (NMFS). Royce was with the federal fisheries service from 1942 until 1958 when he left to become professor of fisheries and director of the University of Washington's Fisheries Research Institute.

**Max Tishler**, professor of chemistry at Wesleyan University, Middletown, Conn., and former senior vice-president for research and development of Merck & Co., Inc., Rahway, N.J., is the new president of the American

Chemical Society. Recipient of the Society's Priestly Medal in 1970 for "distinguished service to chemistry," Tishler retired that year from Merck, where for more than 30 years he had contributed significantly to most of the company's major scientific developments, including sulfa drugs, antibiotics, cortisone, hydrocortisone, and commercial syntheses of vitamins B<sub>2</sub>, K<sub>1</sub>, and pantothenic acid.

**Richard T. Whiteleather**, a veteran of 36 years of federal services, has retired as director of southeast region of the National Marine Fisheries Service. More than a third of this time has been spent at the fisheries service regional office in St. Petersburg, Fla., where he was deputy director for 12 years before being named regional director in January 1970. Whiteleather directed the federal fishery activities in 17 states, Puerto Rico, and the Virgin Islands.

**Myron Winick**, formerly at the Cornell University Medical College, has been named director of Columbia University's Institute of Human Nutrition and professor of pediatrics at Columbia's College of Physicians and Surgeons. Coupled with the appointment was the announcement of an extensive reorganization of the Institute. The Institute will establish community health programs, initiate nutrition training for Columbia's medical students, and intensify ties with the medical community. The Institute's three reorganized divisions are: growth and development, nutrition and metabolism, and community nutrition.

A modern oceanographic research vessel under construction in Jacksonville, Fla. for the University of Miami's School of Marine and Atmospheric Science will be named for Columbus Iselin, former director of the Woods Hole Oceanographic Institution, who died a year ago. Iselin's career began in 1926 when he was a student and made a study of the Laborador Current. In 1928, he investigated the mid-Atlantic ridge. When the Woods Hole Oceanographic Institution was founded in 1930, he became the first permanent staff member. During the following years, his studies of the Gulf Stream system led to the publication of several papers which have become classics in physical oceanography. R/V COLUMBUS ISELIN, scheduled to be launched in February, is built with funds provided by the National Science Foundation.

Three program managers for NSF's International Decade of Ocean Exploration (IDOE) program have been announced. They are: **Edward M. Davin**, program manager for the Seabed Assessment Office, a program concerned with the search for resources that can be found on the continental margins, the deep ocean floor, and the oceanic rifts and trenches. Mr. Davin has been affiliated with NASA for the past 7 years and was responsible for science experiments carried out by the astronauts on the moon. **George D. Grice, Jr.**,

### WILLIAM STEERE HONORED

Japan's Imperial Order of Merit, awarded only once before to an American, was presented on behalf of Emperor Hirohito to William C. Steere, president of the New York Botanical Garden. The presentation was made by Saburo Takami, Japanese Minister of Education, at a ceremony in Tokyo. Steere, an authority on bryology, is a past president of the Botanical Society of America, the Society of American Naturalists, the American Association of Museums, and a former AIBS governing board member. He has made five previous trips to Japan, and has been closely associated with Japanese botany for many years as a member of the United States-Japan Committee on Scientific Cooperation.

has been named program manager for the Environmental Quality Office, a program aimed at obtaining information necessary to a study of marine pollution. For the past 11 years, Grice has served as an associate scientist at Woods Hole Oceanographic Institution. **Deane E. Holt** has been appointed program manager for Living Resources. Before coming to NSF, Holt served as program director for the Oceanic Biology Program at the Office of Naval Research. During 1966-67, he served as executive consultant in hydrobiology for AIBS and as laboratory director for the Ichthyology Lab, Oceanographic Institute at the University de Oriente, Venezuela.

The Conservation Foundation has filed suit under the Freedom of Information Act to obtain the release of a nationwide report on outdoor recreation. The Foundation reports that it has made repeated efforts to secure access to information contained in the Nationwide Outdoor Recreation Plan. The 5-year study of outdoor recreation needs was ordered by Congress and completed in 1969 by the Bureau of Outdoor Recreation. It has reportedly been withheld from the public by the Office of Management and Budget because of the large price tags it carries. A principle recommendation is for the expenditure of \$6.3 billion in federal funds over a 5-year period to meet urban recreation needs. In a recent letter to Interior Secretary Rogers C. B. Morton requesting the plan, Foundation President Sydney Howe pointed out that the Foundation needs the information to prepare its forthcoming report and recommendations on National Parks for the Future, a project the Foundation has undertaken under contract for the National Parks Centennial Commission. Howe said that withholding the plan could result in duplication of effort on the Foundation project and a waste of federal funds.

**Environmental Sciences Corporation has acquired Hazleton Laboratories, Inc.**, a wholly owned subsidiary of TRW Inc., for an undisclosed amount of cash and Environmental Sciences preferred stock. Hazleton will operate as an autonomous subsidiary of Environmental Sciences. The Laboratories, located in Vienna, Va., has been serving pharmaceutical, chemical, and industrial companies, as well as government research agencies for more than 25 years. In addition, the Hazleton Research Animals, Inc. division provides research animals.

**Research on how the embryo develops** will be performed in a newly-established laboratory at the University of Tennessee. Joseph C. Daniel, head of the zoology department, said the facility will be called the Laboratory in Mammalian Reproduction. A research team of about eight people, headed by Daniel, will work in the facility. Daniel said, "With the opening of this laboratory, we hope to further man's understanding of the very early stages of development of the mammal. While our experiments here will be with animals, findings from this work should shed light upon human development."

A team of biologists and oceanographers, led by G. Carleton Ray of Johns Hopkins University, has made a **month-long series of dives under Arctic ice in the Bering Sea**, observing Pacific walrus from a small research submarine. Mother ship for the submarine and the scientific team was the USCGS *Burton Island*, an icebreaker provided by the Coast Guard. Ray and his team observed the behavior, acoustics, anatomy, and other characteristics of the animals and their environments both on the ice and, from the submersible, under the ice. The objectives were to identify mating groups, determine sex ratios and social organizations of these groups, and examine mother-young relationships. A demonstration project of the marine mammals program of the IBP, the research is also supported by NSF, NOAA, and the Office of Naval Research. Also, cooperating in the study is the Alaska Department of Fish and Game, and, for the telemetry, the Naval Undersea Research and Development Center.

**An annual Directory of Environmental Consultants** will be published beginning in 1972. Environmentally concerned professionals interested in having their name and short resume appear in the Directory should send a No. 10, self-addressed, stamped envelope to: Directory of Environmental Consultants, P.O. Box 8002, University Station, St. Louis, Mo. 73108.

**A new National Board on Graduate Education has been established** by the Conference Board of Associated Research Councils to examine the nation's system of graduate education and to seek solutions to the complex problems. Represented on the Conference Board are the American Council of Learned Societies, the

American Council on Education, the National Research Council, and the Social Sciences Research Council with support from NSF and NIH. Additional funding is being sought. David Henry, professor of higher education at the University of Illinois, is chairman of the new board. Membership on the board includes representatives of university faculties and administrators, employers of graduate degree recipients, and the public sector. Graduate students will be represented on panels and conference groups created by the board to study specific topics. The board expects to direct its attention first to problems of manpower supply and demand and ways in which graduate schools can and should adjust to the changing employment situation. Topics also on the priority list are determination of the unit costs of graduate education by field and by type of institution; alternate systems and procedures for graduate education in the United States; aims of graduate education; and access to graduate education for women and minority groups. In exploring these and other problems, the board will conduct studies, commission papers, and hold conferences.

**The University of Virginia has announced plans to coordinate its resources in cancer research, treatment, and education** through a proposed new cancer center. The coordinated effort is an outgrowth of an 18-month study backed by a \$150,000 grant from the National Cancer Institute. The new center would help private practitioners in the state and the state's physicians-in-training acquire new information about cancer diagnosis and treatment. Robert M. MacLeod has been responsible for the planning of the division of cancer studies at the University, around which the new center will be molded.

**Major organizational changes, including the appointment of four new division directors**, have been announced by Oak Ridge National Laboratory. John A. Auxier is the new director of the health physics division, replacing Karl Z. Morgan, who is retiring later this year. James A. Barker has been appointed director of the personnel division, replacing L. H. Barker, who is retiring. James C. White will become director of the analytical chemistry division, replacing Myron T. Kelley, who will become senior research advisor to the division. Michael K. Wilkinson was named director of the solid state division, replacing Douglas S. Billington who becomes senior research advisor. In an organizational change, the name of the present ecological sciences division will be changed to the environmental sciences division with a broadening of the program.

**The department of natural resources of the state of Washington has established a marine biological research station** in conjunction with their marine land management program. Led by David Jamison, a research team of marine biologists and land use planners will conduct studies on aquatic land management from the

station, on Budd Inlet, north of Olympia. The activities of the station will focus on seaweed culture, public beach development, use of submerged structures for raising clams and oysters, and aquatic land use planning.

**The St. Louis Zoological Park Tissue Bank**, established in 1966, makes available to biomedical researchers and educators tissue from exotic fauna that have died in the collection at the St. Louis Zoo. In the last 5 years, the Tissue Bank has grown and expanded to include over 1500 specimen representing almost every order of mammals, birds, reptiles, and amphibians. All specimen are either fixed in 10% formalin or frozen. If a researcher's investigation requires other methods of fixation, an effort will be made to accommodate these needs. A basic cost has been assigned for tissues on a weight basis with a graduated scale to cover cost of handling, catalogs, reagents, etc. The average cost is \$5.00 per 10 grams of tissue. With each specimen mailed, a brief history will be provided including the species, age, sex, treatment given, and pathology report from necropsy. Specimen will be mailed C.O.D. air express immediately upon receipt of purchase, whenever possible. Frozen tissue will be packed in dry ice. Specimen will not be shipped without a purchase order. For further information, write William J. Boever, c/o Tissue Bank, St. Louis Zoological Park, St. Louis, Mo. 63110.

**The Arnold Arboretum of Harvard University celebrated its Centennial in May** with a program of lectures, symposia, tours, and demonstrations. In 1872, James Arnold, a New Bedford merchant, left about \$100,000 to establish an arboretum on land already owned by Harvard. In 1882, ownership of the land was transferred to the city of Boston for inclusion in its park system, and the land was leased to Harvard for 1000 years at \$1 per year. The 100th anniversary celebration was held between two "Lilac Sundays," May 21 and 28, when the 530 different types of lilacs were in bloom. William T. Stearn of the British Museum of Natural History gave the Centennial Address. In the Centennial Lecture Series, Richard Schultes, director of Harvard's Botanical Museum, spoke on "From Witch Doctor to Modern medicine"; Brian Rycroft, National Botanic Gardens of South Africa, spoke on "Plants and Gardens of South Africa"; and Paul Ehrlich, Stanford University, discussed "The Population Environment Crisis—Where Do We Go From Here?"

The National Science Foundation has completed arrangements for a **3-year extension of the Deep Sea Drilling Project (DSDP)**, which is aimed primarily at probing the sediments on the ocean floor in order to learn more about the history and origins of the ocean basins and the continents and more about the processes that have led to their formation and modification. The extension of the DSDP follows an 18-month first phase and a

30-month second phase of the project. The project is managed by the Scripps Institution of Oceanography, University of California, San Diego, under contract to NSF.

Some recent awards: **Francois M. Abboud**, professor of medicine and director of the cardiovascular division, University of Iowa College of Medicine, is the recipient of the 1972 Award for Experimental Therapeutics of the American Society for Pharmacology and Experimental Therapeutics, Inc. Abboud was honored for his contributions to knowledge of the human pharmacology of circulation, particularly the vascular system. Donated by Hoffmann-LaRoche, Inc. to stimulate outstanding basic pharmacological studies in man, the award is restricted to investigators under the age of 42. • **Harold H. Sandstead**, director, Human Nutrition Research Laboratory, USDA, Grand Forks, N. Dak., has been named as the 1972 recipient of the Mead Johnson Award of the American Institute of Nutrition. The award is available to research workers who have not yet reached their 40th birthday. • **Stanley N. Gershoff**, associate professor, department of nutrition, Harvard School of Public Health, has been selected to receive the 1972 Borden Award of the American Institute of Nutrition. He was selected for his research on the development and prevention of urolithiasis by nutritional means, and particularly for his emphasis on the importance of vitamin B<sub>6</sub> deficiency as a cause of the disease. • **Edwin T. Mertz**, professor of biochemistry, Purdue University, received the 1972 Osborne and Mendel Award of the Nutrition Foundation, administered by the American Institute of Nutrition. The award is given in recognition of outstanding basic findings in the field of exploratory research in the science of nutrition. Mertz is cited for his discovery of two mutant types of corn, which contain proteins of high biological value due to their increased content of amino acids, lysine and tryptophan. • **William J. Darby**, professor of medicine in nutrition, Vanderbilt University School of Medicine, and president, the Nutrition Foundation, Inc., New York, has been named the 1972 recipient of the Conrad A. Elvehjem Award for public service in nutrition. • Three scientists were honored with selection as fellows of the American Institute of Nutrition. They were: **E. S. Nasset**, research physiologist, Children's Hospital Medical Center, Oakland, Calif.; **May S. Reynolds**, formerly of the University of Wisconsin; and **Margaret A. Ohlson**, consultant, research diets, Galesburg State Research Hospital, Seattle, Wash. • **R. John Collier**, associate professor in the department of bacteriology, University of California, Los Angeles, is the recipient of the 1972 Eli Lilly and Company Award in Microbiology and Immunology. Collier received the award in recognition of his studies on the mechanism of action of diphtheria toxin. • **William B. Sarles**, professor of bacteriology, University of Wisconsin, has

been selected as the 1972 recipient of the Carski Foundation Distinguished Teaching Award "to provide recognition to a mature individual for distinguished teaching of microbiology to undergraduate students and for encouraging them to subsequent achievement." • The John Burroughs Medal for excellent natural history writing goes to **Robert Arbib** for *The Lord's Woods*, the story of a woodland area on Long Island and how it was destroyed by developers. Arbib is the 39th winner of the medal, awarded by the John Burroughs Memorial Association, which has its headquarters at the American Museum of Natural History.

Some recent appointments: **Stanley S. Carpenter**, a State Department career foreign service officer, to deputy assistant secretary for territorial affairs in the Department of the Interior . . . **George B. Hutchison**, associate professor of radiology at the University of Chicago, to professor of epidemiology at Harvard University . . . **Jay R. Pollack**, visiting research fellow at Princeton University, to senior research scientist in the medical microbiology section of the chemotherapy division of Norwich Pharmacal Company . . . **Anne E. Coghlan**, professor of biology at Simmons College in Boston, to chairman of the College's biology department, effective 1 July . . . **Gary H. Baise**, assistant to the administrator of EPA, to director of the Office of Legislation, EPA . . . **Frederick E. Hutchinson**, director of the Life Sciences and Agriculture Experiment Station, Maine, to dean of the College of Life Sciences and Agriculture at the University of Maine, Orono . . . **Karl D. Yordy** to senior program officer of the Institute of Medicine of the National Academy of Sciences . . . **Eleanor Shore**, research associate in microbiology at the Harvard School of Public Health, to assistant to Harvard President Derek Bok . . . **Bud C. Tennant**, associate professor of veterinary medicine at the University of California, Davis, to professor of comparative gastroenterology in the New York State Veterinary College at Cornell University . . . **Takashi Miyahara** to chief of the Office of State-Federal Relationships, National Marine Fisheries Service . . . **Robert F. Wambach**, professor and associate dean of the University of Montana School of Forestry, to dean, replacing Arnold W. Bolle, who will retire as dean, but continue teaching.

## INSTITUTE NEWS

The following Adherent Societies have named their officers:

**American Genetic Association:** President, Sam Price, National Eye Institute, NIH, Bethesda, Md.; Past President, Robert C. Carter, Virginia Polytechnic Institute; Secretary, Patricia Sarvella, Animal Science Res.

Div., USDA, Beltsville, Md.; Treasurer, Toru Arisumi, College Park, Md.; and AIBS Governing Board Representative, Ralph Phillips, USDA, Washington, D.C.

**Society for the Study of Evolution:** President, Warren H. Wagner, Jr., University of Michigan; President Elect, E. O. Wilson, Harvard University; Vice-Presidents, William F. Grant, McGill University, Quebec and Peter H. Raven, Missouri Botanical Garden; Secretary and GBM, David L. Jameson, University of Houston; and Treasurer, Robert E. Beer, University of Kansas.

**The Nature Conservancy:** Acting President and Chairman of the Board, Warren M. Lemmon, San Francisco, Calif.; Secretary, Richard S. Weinstein, Norwalk, Conn.; and GBM, Robert E. Jenkins, Arlington, Va.

## GRANTS

### Research, Training, and Fellowships

In 1973, the Fondation de Physiopathologie Professeur Lucien Dautrebande will award an international prize of about 500,000 Belgian francs (\$10,000 U.S.). The award will be given for work on human or animal physiopathology, preferably having therapeutic implications. For further information, write to the Foundation, 35, Chaussée de Liège, 5200 Huy, Belgium.

The recently formed **Harvard-MIT program in health sciences and technology** has received its first major research support — a \$5 million, 5-year grant from the National Heart and Lung Institute for a multidisciplinary program of research on biomedical materials. Initially, the program includes 15 separate research projects involving collaboration among 33 investigators from Harvard and MIT. Irving M. London, director of the program, said the research effort organized around biomaterials and funded by NHL is the prototype of the kind of multidisciplinary research the program hopes to develop in several areas of health sciences. Robert W. Mann, Germschausen Professor at MIT will direct the biomaterials program which includes researchers from various medical specialties, engineering, physics, biology and biophysics. The studies range from basic research through application of research findings to actual health services and cover many aspects of biomaterials science organized into four major categories. The first deals with the study of synthetic materials that can remain in contact with flowing blood without altering the blood composition and without causing coagulation. The second category deals with large molecules, natural and artificial membranes and the dynamics of cells, particularly blood cells. Research projects organized around how chemical substances are transported in the