

News and Notes

World Conference on Documentation

In documentation, as in other fields of study, subdivision of subject matter has become unavoidable, and documentalists, getting together for the purpose of organizing the accumulation and dissemination of specialized knowledge, now find themselves discussing their problems in strictly specialized groups.

At the World Conference on Documentation in Rome, September 15-21, the proceedings were subdivided into the following sections: (1) application of the universal decimal classification; (2) documentary reproduction methods and mechanical selection devices; (3) bibliography and abstracting; (4) auxiliary publications; (5) training of documentalists; (6) general problems of classification; (7) linguistic problems and terminology. None will deny the wisdom of this arrangement, which allows each group to dispense with preliminaries and start deliberations at precisely the point where they were discontinued on a previous occasion. If, however, there was a slight feeling of disappointment among some delegates, it was due to the timetable, which made it impossible to attend as many meetings as one might have wished, although the plenary session at the end of the conference made up for any gaps in individual attendances.

During the past few years the emphasis of documentation as a whole has been on natural science and technology rather than on other branches of learning. The Rome Conference was no exception; although there were papers on documentation in the social and economic sciences, public administration, local government, and so on. The specific requirements of archives were more strongly stressed than on previous occasions, and definite proposals were made in favor of setting up documentation centers for the humanities along lines comparable to those now operating in, or in conjunction with, scientific, technical, and industrial libraries.

The conference was jointly arranged by the Fédération Internationale de Documentation (FID) and the Consiglio Nazionale delle Ricerche (CNR), which also shared the burden of technical preparations, printing of papers, interpreting, and secretarial services. Offprints were contributed by some French, Swedish, German, and Austrian periodicals; and a special number of *American Documentation*, with papers by Vernon Tate (editor), Keyes D. Metcalf, Lester K. Born, Watson Davis, Fremont Rider, and others, was also distributed to the delegates.

In view of the total of a hundred or more formal papers, it was impracticable to discuss each of them separately, and the time available for discussion was devoted to a limited number of selected problems. In Section 1 these included the question of authorities responsible for publicizing and explaining the principles and applications of the Universal Decimal Classification, the compilation of a list of UDC users, and the distribution of the new cumulative extensions

and corrections of UDC. Section 2 set up a symposium to discuss the comparative merits of different microtechniques. Those taking part were Fremont Rider and E. B. Power, from the United States; M. G. Cordonnier, from France; and Lucia Moholy and R. S. Schultze, from the United Kingdom. The section also considered questions of format and terminology, but there was no opportunity for an exchange of views on selection devices.

Section 3, following a recommendation of the Scientific Information Conference at the Royal Society, London, 1948, considered the drafting of rules, with a view to uniformity, for citations and descriptions of references; discussed the possibility of standardizing the bibliographical and formal presentation of abstracts; and drew attention to the need for better dissemination of technical information contained in patent specifications. Section 4 took a step further in the direction of work done at the American Documentation Institute, Washington, D. C., and the Centre national de la recherche scientifique, Paris, by urging that scholarly production existing only in typescript form should be listed in analytical bibliographies with indication of the depository library or center able to supply copies. Universities and scientific institutions were urged to have academic writings published or reproduced for exchange purposes, such exchanges not to be based on the monetary value of the document.

The training of documentalists (Section 5), to which particular study was devoted by Mme. Briet (Bibliothèque nationale), was thoroughly gone into, and the section recommended that prototype programs of training be drawn up and documentation be recognized as a profession in its own right. It was also suggested that representatives of archives and museums should be invited to take part in any conference that might be convened in this connection. Section 6 considered the different systems of classification now used in libraries, archives, documentation centers, and government offices, and expressed the hope that possibilities of coordinating the different systems might be explored. Section 7 recommended the standardization of lexicographical principles, the compilation of terminological bibliographies and directories of organizations dealing with terminological matters, and various other steps leading to the production of specialized vocabularies, to be organized by national and international agreement under the auspices of Unesco.

As an adjunct to the conference, the organizers provided for an exhibition of bibliographical and technical tools at the Istituto di Matematica at the Città Universitaria. The general scope of the exhibition did not differ appreciably from earlier displays in Great Britain and other European countries, but it brought home to us, if we did not know it already, that technical means of documentation are now a

sine qua non. There is, moreover, need for the use of many different methods, and the questions today are not silver salts or dyeline, notches or punches, films or microcards, mechanical or electronic selection. What matters is acquaintance with the various methods, appraisal of their specific usefulness for different purposes, and guidance in how to apply them to the best advantage. Technical aids, if carefully selected and coordinated, can assist research programs and be of great value to the ultimate aim of modern documentation: to keep men of science and scholars currently informed of all the literature pertaining to their respective subjects.

The conference was attended by some 350 delegates and observers from 31 countries and several supranational agencies, including Unesco, the Food and Agricultural Organization, the International Labour Office, and the Organization for European Economic Cooperation.

LUCIA MOHOLY

Documentation Service
London, England

Scientists in the News

Mary L. Alexander, assistant to the director of research, Universal Oil Products Co., has been appointed chairman of the Committee on Nomenclature, in the American Chemical Society's Division of Organic Chemistry. The first woman to occupy the post, Miss Alexander was chosen because of her expert knowledge of chemical literature in organic and petroleum chemistry.

Clifford E. Berry, authority in the field of mass spectrometry, has been promoted to the office of assistant director of research at Consolidated Engineering Corporation, of Pasadena. Dr. Berry joined Consolidated in 1942 as research physicist, later becoming chief physicist.

Nathan Birnbaum, on leave of absence as associate professor of chemistry at the City College of New York, is deputy chief of the Research and Development Division in the Office of the Chief Chemical Officer, Washington, D. C. Lt. Colonel Birnbaum was formerly stationed at Army Chemical Center, Md., and was in charge of Chemical Corps participation during the Operation Greenhouse atomic weapons test at Eniwetok.

Lindsay M. Black, curator of plant pathology at the Brooklyn Botanic Garden, has been appointed professor of botany at the University of Illinois, effective Sept. 1. Dr. Black will take charge of a new program of teaching and research in plant pathology.

N. W. Conner has been appointed director of the Department of Engineering Research in the School of Engineering at State College, North Carolina. Professor Conner has been acting head of the department since last fall, when **W. G. Van Note** resigned to be-

come president of Clarkson College of Technology in Potsdam, N. Y. He has been a member of the State College faculty since 1937.

William E. Doering, member of the Columbia University faculty since 1943, has been named professor of organic chemistry at Yale University. He will join the Yale faculty on July 1. Professor Doering accomplished the synthesis of quinine during World War II while working with Robert B. Woodward, of Harvard.

Lloyd H. Donnell has been appointed acting chairman of the Department of Mechanics at Illinois Institute of Technology. He will head the department for one year in the absence of **William R. Osgood**, who is on a year's leave of absence to edit a monograph on residual stresses in metals and metal structures for the National Research Council. Mr. Donnell has been at Illinois Tech since 1939.

Thomas J. Fricke and **Raphael G. Kazmann** have joined their offices and are now undertaking work as a partnership under the name Fricke and Kazmann, Consulting Engineers, at Stuttgart, Ark. They will specialize in the integrated development of surface and ground-water supplies.

Newell S. Gingrich, professor of physics, has taken sabbatical leave from the University of Missouri to work with the Oak Ridge National Laboratory Physics Division.

Milton C. James has retired as assistant director of the Fish and Wildlife Service. He will be succeeded by **John L. Kask**, who, since 1948, has been chief biologist of the Fisheries Division of FAO. Mr. James has been a member of several international fisheries commissions and has acted as deputy administrator of the Defense Fisheries Administration since its establishment in December 1950. He became a permanent employee of the former Bureau of Fisheries in 1923, when he was appointed as scientific assistant to work on fish hatchery problems. In June 1942 he was made chief of the Division of Fish Culture, and in September 1945 he became assistant director.

Uerner Liddel, director of the Division of Physical Sciences, ONR, has been appointed chief of the AEC Physics and Mathematics Branch, Division of Research. Dr. Liddel entered the Navy in 1942 and was assigned to ONR as head of its Physics Branch in 1946. He holds the rank of Commander. In his new post, he will be responsible for the development and supervision of programs of fundamental and applied physics and mathematics research in AEC laboratories and in universities and other institutions outside the AEC.

G. C. McVittie, professor of astronomy at Queen Mary College, University of London, has been appointed professor of astronomy at the University of Illinois. He will probably come to the U. S. this summer.

The Western Union Telegraph Company has announced the appointment of **Leon G. Pollard** as electronics research engineer in charge of its laboratories at Water Mill, L. I. **William D. Buckingham** was appointed assistant electronics research engineer to succeed him. Mr. Pollard succeeds the late **Edward C. Homer**.

Henry G. Poncher, professor of pediatrics and head of the department at the University of Illinois College of Medicine, has resigned to enter private practice in Valparaiso, Ind. He has also accepted a part-time position as medical director and as visiting professor in human biology at Valparaiso University. Dr. Poncher has been associated with the University of Illinois since 1928.

Russell S. Poor, chairman of the University Relations Division of the Oak Ridge Institute of Nuclear Studies, has taken a year's leave of absence to join the National Science Foundation. Dr. Poor will head the NSF Research Education Section of the Division of Scientific Personnel and Education.

M. N. S. Rao and **S. N. Sengupta**, assistant geophysicists in the Geological Survey of India, are in this country to acquire practical experience in field geology and geophysics. They plan to be here for one year.

Hans H. Reese, president-elect of the American Neurological Association, has been appointed chairman of the Medical Advisory Board of the National Multiple Sclerosis Society for a two-year term. Dr. Reese is professor of neurology and psychiatry of the University of Wisconsin Medical School and chief of its Department of Neuropsychiatry. Newly appointed vice-chairman of the society's Medical Advisory Board is **Richard M. Brickner**, assistant clinical professor of neurology, College of Physicians and Surgeons, Columbia University. Dr. Brickner is also associated with Mt. Sinai Hospital of New York City. **Tracy J. Putnam**, formerly chairman of the Medical Advisory Board, has been appointed honorary chairman. Dr. Putnam is chief of the Department of Neurosurgery, Cedars of Lebanon Hospital, Los Angeles.

Randal McGavock Robertson has been appointed science director of the Office of Naval Research, succeeding **Thomas J. Killian**, who recently was named chief scientist of the Office of Ordnance Research at Duke University. Dr. Robertson will be responsible for the scientific contract research program sponsored by ONR. Before joining the ONR staff in 1946, he was associated with the Radiation Laboratory at MIT.

S. Wyman Rolph, president of the Electric Storage Battery Company, was elected president of the Franklin Institute at the annual meeting of the institute's Board of Managers. The retiring president, **Richard T. Nalle**, president of the Midvale Company, was appointed to the Board of Managers to fill Mr. Rolph's unexpired term. Mr. Nalle had been president of the institute since 1946. **Morton Gibbons-Neff**, Philadel-

phia insurance broker, was elected a vice president of the institute, and **E. G. Budd, Jr.**, of the Budd Company, and a retiring vice president, was named to the board. **C. M. Waterbury** was elected assistant treasurer.

Charles S. Simons, associate professor of physics at Louisiana State University, has joined the Oak Ridge Institute of Nuclear Studies as a senior scientist in the Special Training Division. Dr. Simons, who directed the LSU Radiochemical Laboratory in addition to his work in the Physics Department, will be associated with the conduct of the radioisotope techniques courses and other offerings.

C. Richard Soderberg, of Massachusetts Institute of Technology, has been awarded the John Ericsson Gold Medal for 1952 by the American Society of Swedish Engineers in New York. The medal is awarded every other year to a Swede or an American citizen of Swedish descent, in recognition of extraordinary merit in technological or scientific fields. Dr. Soderberg was born at Ulvöhamn in northern Sweden and graduated from Chalmers Institute of Technology in Gothenburg. In 1938 he accepted a professorship in applied mechanics at MIT, and since 1947 he has been head of the department.

Calvin B. Spencer has been appointed chief of the Division of Foreign Quarantine, USPHS, and **Gilbert L. Dunnahoo** has been made chief of Medical Programs, FSA Region X, San Francisco. Dr. Spencer, who succeeds Dr. Dunnahoo as chief of Foreign Quarantine, has been with PHS for 23 years. In 1948, he was appointed chief quarantine officer for the Port of New York, where he served until his present assignment. As chief of Medical Programs for FSA's Region X, he will be responsible for programs on tuberculosis control, venereal disease, heart disease, cancer, environmental health, and public health nursing which are now being operated in cooperation with the states and territories. Region X includes California, Arizona, Nevada, Oregon, Washington, Hawaii, and Alaska.

Robert Stokstad, of the nutrition and physiology section of Lederle Laboratories, has received England's Tom Newman Memorial Award for 1951. The award is given by the Poultry Association of Great Britain for the most important contribution in poultry husbandry research. Dr. Stokstad made important advances in studying the role of aureomycin, vitamin B₁₂, and folic acid in nutrition.

Itiro Tani, professor of fluid mechanics at the University of Tokyo, has joined the Cornell University staff as visiting professor in the Graduate School of Aeronautical Engineering. Dr. Tani, who is supported by a traveling fellowship from the Japanese government, will be at the university for at least six months. Dr. Tani has worked more than 20 years in aerodynamic research. The main purpose of his visit to the U. S. is to obtain a closer acquaintance with current research and development in aeronautical engineering.

Gordon S. Taylor has joined the plant pathology

staff of the Connecticut Agricultural Experiment Station. He has spent the past four years at Iowa State College, where he served as a graduate assistant in plant pathology. Mr. Taylor was employed by the station's Plant Pathology Department during the summer of 1947, after his graduation from the University of Connecticut.

C. F. Tipper, senior lecturer in mechanical engineering at Cambridge University, will work for several months in the Mechanics Division of the Naval Research Laboratory. Dr. Tipper has been active in the field of brittle fracture of steel.

William W. Trench, secretary of the General Electric Company for nearly 24 years, has retired. He has been secretary of the company's board of directors and its advisory committee and has been a trustee or member of the board of all financial subsidiaries and trusts.

Esther P. Walcott, of Washington, D. C., until recently a case worker for the Connecticut Commission on Alcoholism, has been appointed assistant professor of social work at West Virginia University. She is a former case consultant for the Family Society of Syracuse, N. Y., and instructor at Syracuse University.

Bernard B. Watson has been appointed professional and scientific personnel specialist of the Labor Department's Defense Manpower Administration. He has served as specialist for physics in the Division of Higher Education of the U. S. Office of Education since 1949 and has been active on the AAAS Cooperative Committee on the Teaching of Science and Mathematics. Dr. Watson will be responsible for programs involving scientific, engineering, and other specialized personnel.

F. H. Wells, of the Atomic Research Establishment, Harwell, Eng., spent February 13-15 consulting with the personnel of Radiation Counter Laboratories, Inc., at their new laboratory in Skokie, Ill.

Education

Boston College will hold a special intensive course in Modern Industrial Spectrography July 21-Aug. 1, designed primarily for industrial chemists and physicists. Further information may be obtained from James J. Devlin, of the Physics Department.

The **Committee for Economic Development** has received a grant of \$123,750 from the Fund for Adult Education, which it will use to help support the activities of the Joint Council on Economic Education, a nonprofit organization. The council's principal activity, since its founding in 1949, has been assistance in the organization of workshops under institutional sponsorship at which high school teachers and administrators, leaders in education, business, labor, and government try to develop methods of improving classroom instruction in economics. More than 2400 teachers have attended the workshops.

In a **Farm Youth Exchange** program, eight young men and women from as many states flew to San Juan in February for a six weeks' study of social and economic conditions in Puerto Rico. After spending several days at the University of Puerto Rico, the group traveled with agricultural extension leaders, and then spent four weeks living and working on some of the larger sugar, coffee, and coconut farms. In a return program, 12 young Puerto Rican farmers will come to this country early this summer to live and work on U. S. farms.

A course in "The Methods of Science" will be offered July 1-Aug. 15 in the **Harvard Summer School** by James B. Conant, assisted by Fletcher Watson, of Harvard, and Paul F. Brandwein, head of the Science Department, Forest Hills (N. Y.) High School. The course will follow President Conant's "case history" method of teaching how scientists work. A number of scholarships are being offered.

The **University of Illinois**, under the direction of John C. McGregor, will send student expeditions to archaeological sites in Illinois in a search for new facts about the Hopewell culture. Last year and in 1949 the expeditions worked in Arizona, in cooperation with the Museum of Northern Arizona.

Lehigh University is planning to install, in cooperation with Bethlehem Steel Company, the world's largest vertical universal testing machine in a new building to adjoin Fritz Engineering Laboratory. The building, which will be completed in 1954, will house a 5,000,000-lb. hydraulic tension compression machine, a 20-ton overhead crane, a 30' x 100' testing platform, other accessory equipment, and laboratories. William J. Eney is head of the laboratory and of the Department of Civil Engineering and Mechanics. Lehigh will offer a new curriculum in September in the College of Engineering, for the preparation of high school teachers, which will place increased emphasis on science and mathematics.

Massachusetts Institute of Technology has appointed Max F. Millikan, professor of economics, director of the newly established Center for International Studies, which was created to meet the need for the intensive study of world affairs in the fields of social, political, and natural science, as well as in economics. The Advisory Board of the center is composed of Julius A. Stratton and John E. Burchard, of MIT; Paul H. Buck and Edward S. Mason, of Harvard; and Henry M. Wriston, president of Brown University.

Additions to the faculty of the **University of Michigan Biological Station** at Cheboygan include Lloyd H. Shinnars, of Southern Methodist University (taxonomy of flowering plants); Frederick K. Sparrow (lower fungi and the aquatic flowering plants); and Warren H. Wagner, Jr. (fresh-water algae), who will introduce a new course in pteridophytes and gymnosperms. Margaret H. Fulford, of the University of Cincinnati, will conduct a new course in lichens, as well as a course in bryophytes and research in both

fields. Frank C. Gates, of Kansas State, will be in charge of the work in plant ecology. Also new on the faculty is John T. Emlen, of the University of Wisconsin, who will work with Olin S. Pettingill, Jr., in ornithology. Clarence H. Kennedy, professor emeritus, Ohio State, will continue his investigations on Northern ants, and other study and research will also be continued.

The **University of North Carolina** has named Clifford P. Lyons dean of the College of Arts and Sciences to succeed William Wells, who resigned last fall. Arthur Roe, chairman of the Division of Natural Sciences, was appointed head of the Chemistry Department to succeed Ralph W. Bost, who died in September. Roger W. Howell, of the University of Minnesota Medical School, has been appointed head of a new department, Mental Health, in the School of Public Health.

A new pharmacology laboratory has been completed at **North Dakota Agricultural College**. It will enable advanced pharmacy students to do actual experimental work where previously only demonstration was possible.

The fourth annual **Oak Ridge Summer Symposium**, Aug. 25-29, will consider "The Role of Atomic Energy in Agricultural Research." Sessions will be devoted to plant and animal studies with atomic energy research tools, in addition to sessions on carbon 14. For additional information, write to University Relations Division, P. O. Box 117, Oak Ridge, Tenn.

The **University of Tennessee** College of Medicine will award a prize to the member of each graduating class "who has overcome the most difficulties in obtaining a degree," regardless of his scholarship record. A committee of his classmates, with the aid of F. J. Montgomery, director of student welfare, will select the prize winner. The prize has been underwritten by Charles C. Verstandig, of New Haven, Conn., a 1939 alumnus.

Honduras and Nicaragua will be the locale of the third **University of Texas** Geography Field School in Latin America, June 15-Aug. 23. The course is restricted to male students of junior or, preferably, senior or graduate, status with appropriate scientific training. For application forms and further information, write to Dan Stanislawski, Department of Geography, Austin 12, Texas. Enrollment is limited, and applications will not be considered after *May 1*.

At the **University of Wisconsin** the Department of Social Work has become the School of Social Work. Arthur P. Miles, chairman of the department, has been made its first director.

The **Yale University** Silliman Lectures will be given this year by Hans Pettersson, director of the Oceanografiska Institutet, Göteborg, Sweden, on Apr. 16, 17, 18, 21, 22, 24, and 25, on the general topic "The Ocean Floor and its Problems." The lectures will be illustrated and open to the public.

Grants and Fellowships

The **Ernst Bischoff Award** of the American Association of Clinical Chemists, Inc., will be presented annually to a chemist on the staff of a hospital or clinical chemistry laboratory "who has distinguished himself by achievement . . . and has helped to solve those chemical problems which arise daily in the practice of the medical arts." A cash prize, a scroll, and a bronze medal will go to each recipient. Harry Sobotka, of Mount Sinai Hospital, New York, is chairman of the first Award Committee, which will announce its decision at the annual meeting of the association, Apr. 2, in Milwaukee.

Grants from the **Gans Fund**, of Bethany College, have been made for scientific research to Esther L. McCandless, of the Women's Medical College of Pennsylvania, and Irving A. Tittler, of Brooklyn College.

Applications for **General Electric Science Fellowships** at Case Institute of Technology, Cleveland 6, must be submitted to Elmer Hutchisson of the institute, by *Apr. 11*. The summer session will be held June 23-Aug. 1 and is open to 50 physics teachers from Ohio, West Virginia, Kentucky, Indiana, Illinois, Wisconsin, Michigan, Mississippi, Tennessee, Iowa, Minnesota, and western Pennsylvania. General Electric fellowships at Union College and Rensselaer Polytechnic Institute are not available after Apr. 1.

The **Great Northern Paper Company** has subscribed \$5,000 toward the scholarship fund of the University of Maine Pulp and Paper Foundation, which, established two years ago, provides loans and scholarships, interests students and men from industry in advanced study, screens outstanding students for the five-year operational management program, and works to advance fundamental and applied research.

The **Eli Lilly Company** has awarded a grant to the University of Georgia School of Pharmacy to permit Joseph P. La Rocca and Woodrow R. Byrum to continue their studies of sedative hypnotic drugs. They expect to synthesize a new series of pharmaceutical compounds and explore their pharmacological action.

One fellowship, for \$1500, and several research assistant- and associateships for graduate study in the Department of Metallurgy are offered by **MIT**. Half-time research assistants may receive \$90-\$100 per month, plus all or part tuition; full-time research assistants, \$180-\$200 per month, plus all or part tuition; and research associates, \$250-\$400 per month. The program is sponsored by Armour and Company, the Atomic Energy Commission, and the Engineering Foundation. For full information, write to A. M. Gaudin, Room 8-209, Cambridge 39, Mass.

National Science Foundation travel grants, the first to be made, went to John R. Kline, Saunders MacLane, Einer Hille, and Gordon P. Whyburn to permit their attendance as members of the U. S. delegation at the

first General Assembly of the International Mathematical Union in Rome, March 6-8.

The **National Science Teachers Association** will administer a Program for Future Scientists, Engineers and Technicians for the American Society for Metals. Awards will include funds for scholarships, libraries, and laboratory equipment, certificates of achievement, and plaques for schools and science teacher associations. The program is open to students in the seventh to twelfth grades, inclusive, science teachers, schools, science departments, and science teacher associations. For full information write to NSTA Committee on Awards, 1201 16th St., N.W., Washington 6, D. C.

The **National Society for Crippled Children and Adults** and **Alpha Gamma Delta**, international women's fraternity, will sponsor a training course in work with the severely crippled, in New York July 9-Aug. 8. Grants will total approximately \$300 each, including tuition and room and board. Applications, returnable by *Apr. 1*, may be obtained from the society's National Personnel Registry and Employment Service, 11 S. La Salle St., Chicago 3.

In the Laboratories

Corning Glass Works will construct a new plant in Harrodsburg, Ky., to meet the increasing demands of the armed forces for optical glass for military purposes. Harry S. Sterling, production superintendent at the main plant, has been appointed manager of the new plant, which is expected to be completed this year.

Du Pont plans to build a \$2,000,000 Haskell Laboratory of Industrial Toxicology near Newark, Del. In addition to expanded research on potential industrial hazards associated with Du Pont products and processes, the company will engage in basic research on the causes of industrial fatigue and the factors that make clothing comfortable, in a special all-weather room. In the Falling Waters-Bedlington section along the Potomac River near Martinsburg, W. Va., a 50-building commercial explosives plant is being constructed. Operations will probably begin early in 1953.

Koppers Company, Inc., has added four chemists to the staff of the Research Department of its experiment station in Verona, Pa.: Arnold E. Jeltsch, of Procter & Gamble; William E. St. Clair, of the Naval Stores Research Division, Olustee, Fla.; Michael E. Dufala, of the Erie Resistor Corporation; and Norman S. Boodman, of the Vitro Manufacturing Co.

Organizational changes in the **Lilly Research Laboratories** include the appointment of A. H. Fiske as vice president in charge of the new Development and Control Function. E. C. Kleiderer was appointed executive director of Development, and W. J. Rice was named to the same position for Control. H. C. Miller has become director of the Development Divi-

sion, and M. D. Bray succeeds him as head of the Pharmaceutical Research Department. The Research Function is now under the supervision of two associate directors, J. A. Leighty and R. M. Rice. Other appointments include directors of the following divisions: Organic Chemical Research, T. P. Carney; Biochemical Research, O. K. Behrens; and Physicochemical Research, W. W. Davis.

Arthur D. Little, Inc., has added the following staff members to various divisions: Wilbur Cox, Robert Harrison, Marian Hawes, Charles Jenest, Claire Richards, and Janice Roszbach. Howard O. McMahon has been appointed to the new post of science director. In this position he will serve as adviser to Little officers, but will not be responsible for assignment or execution of research projects, nor for administration of personnel.

A section of the inorganic research activities to the **Monsanto Chemical Company** Phosphate Division will be transferred from Anniston, Ala., to Dayton, Ohio. New laboratories and other facilities were completed late in February. John Van Wazer, assistant research director, will be in charge of the section, and T. W. Schilb, J. S. Metcalf, and P. G. Arvan, research group leaders, will move to the new location.

Parke, Davis & Company's extension of its facilities during the next five years will include the new plant being completed at Holland, Mich.; new laboratories in Buenos Aires, Australia, Havana, Canada, and at several other domestic and foreign locations; enlargement of the Mexican and the Detroit plants; new research facilities; and a new medical center. The company also expects to manufacture some of its products in India, Germany, Japan, and Italy.

Meetings and Elections

A **Conference on College-Community Relations for Functional Education**, sponsored by Columbia University, the College of the City of New York, and Barnard College, will be held Apr. 24-25. The conference is open to all Eastern colleges interested in problems of functional education and to representatives of agencies concerned with undergraduate education or its meaning to local communities. Address all inquiries to the chairman of the conference, 209 Millbank Hall, Barnard College.

The **Conservation Council for Hawaii**, composed of representatives of 25 federal, territorial, and private agencies interested in various phases of conservation, has elected the following officers: president, H. A. Wadsworth; vice president, Alice S. Brown; secretary, E. C. Zimmerman. Chairmen of standing conservation committees are: Max Carson, Water; Walter Sykes, Land; Colin Lennox, Flora; Vernon Brock, Fauna; and Mrs. Brown, Sites (archaeological, historical, and scenic). Council accomplishments during the past year through its standing committees include: work on preservation of the Ulupo *heiau* on Oahu; stimulation of interest that led to clearing away and rededica-

tion of Keaiwa, the unique medical *heiau* at Aiea, Oahu; arrangements to prevent the destruction of a *Antidesma kapuae* stand and other valuable native flora in South Kona, Hawaii; recommendation for the creation of a sanctuary of three or four acres at Kapulehu in North Kona, Hawaii, to protect native trees typical of this dry area. An open list of diminishing species of native plants has been compiled and distributed. Action was taken to prevent denudation of beaches in the islands caused by removal of sand for commercial purposes. During the Science Symposium held by the Hawaiian Academy of Science, a resolution, sponsored by the council, was adopted by the academy. It requested the study of the project to import axis deer (*Cervus axis*) to the island of Hawaii and that legislation be enacted to make it illegal to transport deer from one island to another until a suitable survey had been made. Since this action the project for placing axis deer on Hawaii has been in abeyance.

The fourth **Institute of Northwest Resources** will be held on the Oregon State College campus June 23–July 5. Recreational and forest resources of southwestern Oregon will be emphasized, and an opportunity to observe them will be provided by a field trip June 27–July 5 along the Oregon coast, to Crater Lake, and through the Redwood country. For additional information write to the college Department of Natural Resources.

The **Scientific Research Society of America** installed its fourteenth branch at the Du Pont Experimental Station Jan. 29. Two hundred charter members participated in the program, at which Detlev W. Bronk, AAAS president, gave the principal address. John T. Maynard was elected president, Raymond L. McCarthy vice president, John M. Griffing secretary, and Northrop Brown treasurer.

William B. Fox, of North Carolina State College, has been elected president of the **Southern Appalachian Botanical Club**, succeeding Royal E. Shanks. Wilbur H. Duncan was elected vice president, Nelle Ammons treasurer, and Elizabeth Ann Bartholomew secretary.

Miscellaneous

The **USDA Bureau of Animal Industry** is transferring its section conducting beef-cattle investigations from Beltsville, Md., to Denver, which will facilitate coordination of projects already under way at five other field stations. A. L. Baker is being transferred to Denver from the Front Royal (Va.) Beef Cattle Research Station to assist R. T. Clark, head of the section since 1949. His place as head of the Front Royal Station will be taken by Robert M. Priode.

Certain technical files of the **U. S. Geological Survey's Paleontology and Stratigraphy Branch** have been released as Open File Reports, and arrangements have been made whereby either microfilm or paper facsimile copies may be purchased at cost of reproduc-

tion. The Map Information Office of the Survey, Washington 25, D. C., will furnish further information.

The **Alexander C. Humphreys Foundation**, organized last year to honor the memory of the second president of Stevens Institute of Technology, has elected Alan Hazeltine, electronics consultant and Stevens faculty member, president. Other officers elected were: vice presidents, Henry B. Cross, Robert F. Jacobus, and Frederick M. Gibson; secretary, H. Sherman Loud, Jr.; and treasurer, Richard A. Wolff. Bernard D. Klein, outgoing president, was elected honorary president.

The **Institute of Metals**, London, has made the following awards for 1952: The Institute of Metals Medal to William S. Robinson, for his services to the nonferrous metal industries in developing the Australian zinc-lead and the British zinc industry; the Rosenhain Medal to André Guinier, Conservatoire national des arts et métiers, Paris, for outstanding contributions in the field of physical metallurgy; and the W. H. A. Robertson Medal to Cyril E. Davies, for his paper on "The Cold-Rolling of Non-Ferrous Metals in Sheet and Strip Form."

A **National Anti-Cancer League** has been formed in Sweden with the objective of supporting scientific research on cancer, a disease that annually takes a death toll of 12,000 persons in Sweden. The new association will have low membership fees, thus enabling a large proportion of the population to participate.

The **Ohio Journal of Science** is offering a cash prize for the outstanding paper in the field of chemistry, either unpublished, or published in the *Journal* after July 1, 1951. The contestant must be a member of the Chemistry Section of the Ohio Academy of Science, and the manuscript must be based upon original research. Further information may be obtained from the editor, Ohio State University, Columbus.

Chemicals wanted by the **Registry of Rare Chemicals**, 35 W. 33rd St., Chicago 16, include: potassium sodium cobaltinitrite; ammonium dithionate; beryllium phthalocyanine; triisopropyl phosphate; 2,3-benz-9-anthrone; benzyl isonitrile; 1,4-dihydroxy-5,8-dichloroanthraquinone; dimethylaminoethyl carbamate; 2,2-dimethylpentanone-4; 3-ethyl-2-amino-phenyl benzthiazoline; 2-hydroxynaphthalene-8-sulfonic acid; 2-methyloxazole; 1,3,6-trihydroxynaphthalene; *m*-tyramine; thymine-2-desoxyriboside; *p*-hydroxyphenyl serine; ferrous albuminate; avidin; coprostanone; and 3,5'-diiodothyronine.

The proceedings of the **Second Alaskan Science Conference**, held in September at Mount McKinley National Park under the auspices of the AAAS Alaska Division, is a 175,000-word volume containing more than 80 reports of studies in 20 scientific fields. A limited number of copies are available for distribution outside the territory. The price is \$2.00, and requests should be addressed to the Editorial Committee, Box 50, Juneau, Alaska.