

News and Notes

Scientists in the News

A. Adrian Albert, University of Chicago professor of mathematics, has been appointed chairman of the Division of Mathematics of the National Research Council. Dr. Albert served on the advisory committee in mathematics to the Office of Naval Research from 1948 to 1951 and is now a member of the divisional committee for the Section on Mathematics, Physics and Engineering of the National Science Foundation.

J. Lewis Allison, professor of plant pathology, North Carolina State College, has accepted an appointment with the Food and Agriculture Organization of the United Nations. He will continue the general survey of plant diseases in Iraq, cooperating with local plant breeders in the development of rust-resistant varieties of wheat, investigating the control of inflorescence rot of the date palm, and assisting in the training of local personnel in plant pathology, including lecturing at the College of Agriculture.

An award of merit has been presented to **Lawrence A. Appley**, president of the American Management Association, by the New York Personnel Management Association, in recognition of his services in the field of personnel relations. Mr. Appley is a member of the President's advisory committee on management and the advisory committee on personnel to the U. S. Atomic Energy Commission.

Oliver J. Caldwell has been appointed assistant commissioner for international education, Office of Education, Federal Security Agency. Mr. Caldwell has served six years with the Department of State, where he developed programs for an educational exchange service with other nations.

M. R. Clarkson has been named administrator of the Agricultural Research Administration, U. S. Department of Agriculture. For the past 15 months Dr. Clarkson has served as special assistant to the administrator on matters of defense. In his new assignment, he will assist **Byron T. Shaw** in directing the activities of ARA, which include the work of six scientific bureaus, the Office of Experiment Stations, and the coordination of all department research other than economic. As deputy, he succeeds Dr. Shaw, who was appointed administrator of the ARA last January.

Harry G. Day has been appointed chairman of the Indiana University Department of Chemistry. He has been acting chairman of the department since 1951, when he replaced **Frank T. Gucker, Jr.**, now dean of the Indiana University College of Arts and Sciences.

Buell Gordon Gallagher, U. S. Assistant Commissioner of Education, has been selected as president of New York City College. Several committees repre-

senting the board, the faculty, and the alumni body have sought during the past year for a successor to **Harry N. Wright**, who retired as president on July 1. He has reached the compulsory retirement age of 70 years after 11 years of service. Dr. Gallagher will be the seventh president of the college.

A. Guinier, professor in the Conservatoire des Arts et Métiers, Paris, has accepted an invitation from the University of Illinois for a stay of several months starting in September.

Mount Sinai Hospital in New York has appointed **Alan Guttmacher** its first full-time chief of obstetrics and gynecology. He will head the clinical service and research and education program, which will be housed in the hospital's Klingenstein Maternity Pavilion. Dr. Guttmacher was formerly associate professor of obstetrics at Johns Hopkins Medical School and chief of obstetrics and chairman of the medical executive committee of Sinai Hospital in Baltimore.

Thomas L. Hagan has been appointed chief of the Division of Dental Public Health in the Public Health Service of the Federal Security Agency. Dr. Hagan has been assistant chief of the division and dental consultant for Federal Security Agency Region III, Washington, D. C., since 1950. He succeeds **John W. Knutson**, who has been named chief dental officer.

S. C. Hollister, dean of the Cornell University College of Engineering, has received the Lamme Medal of the American Society for Engineering Education. The award cited the society's retiring president for his "excellent work in stating the functions of engineering education, his efforts in bringing to public notice the need for engineering, for his acknowledged success as a teacher, consulting engineer, research worker and an engineering education administrator." The George Westinghouse Award was presented to **Gordon S. Brown**, of the Massachusetts Institute of Technology. **Arthur Lyman Williston**, retired principal of Wentworth Institute, Boston, received the James H. McGraw Award. **George H. Hood**, professor emeritus of engineering drawing at the University of Kansas, received the society's Engineering Drawing Award.

New York University has named **Thomas C. Kavanagh** professor of structural engineering and chairman of the Department of Civil Engineering. He was formerly professor of civil engineering at Pennsylvania State College and assistant professor at New York University. Dr. Kavanagh has specialized in research concerning bridges and structures.

Lewis Knudson, who taught his first course at Cornell University 44½ years ago, has retired as head of the Botany Department. His teaching career, one of the longest at Cornell, began in 1908 when he instructed a group of graduate students in advanced

plant physiology. In 1912, Dr. Knudson was appointed acting head of plant physiology. A year later the department was combined with the Botany Department under the late Karl W. Wiegand. Dr. Knudson succeeded Dr. Wiegand in 1941.

Russell K. LeBarron, for seven years chief of forest management research at the Northern Rocky Mountain Forest and Range Experiment Station, is being transferred to the California Forest and Range Experiment Station of the U. S. Forest Service. He succeeds **Duncan Dunning**, who retired in 1951.

Ivan D. London, formerly with the Russian Research Center, Harvard University, is now assistant professor of psychology at Brooklyn College.

Edgar W. McElwee has been appointed research associate professor of horticulture, North Carolina State College. Dr. McElwee will go to North Carolina from Mississippi State, where he has been professor of horticulture since 1947.

William H. Milton, Jr., former vice president and atomic power engineer of the General Electric Company, has been appointed superintendent of Virginia Military Institute. Mr. Milton succeeds **Richard J. Marshall**, who is currently on sick leave and who will leave the post this summer after six years as superintendent. The new superintendent, a graduate of VMI in the class of 1920, is now manager of the operating department of the Knolls Atomic Power Laboratory, near Schenectady, which G-E operates for the Atomic Energy Commission.

Alexander M. Moore, senior research chemist for Parke, Davis & Company, has been promoted to laboratory director in organic chemistry. Dr. Moore has been research chemist with Parke, Davis since 1946. His interest has been largely in the field of chemotherapy.

Herbert N. Otis, of Hunter College, has been appointed acting dean of the faculty during the sabbatical leave of Eleanor H. Grady from September 1952, until January 1953. Professor Otis served in the same post from September 1950 to December 1951, when Dean Grady held the position of acting president while Dr. George N. Shuster, president of the college, was in Bavaria as High Commissioner. Appointed to the Hunter College faculty in 1932 as instructor in physics, Professor Otis was chairman of the Physics Department from 1940 to 1950.

Eugene H. Payne, of the Parke, Davis & Company staff, has just returned from a six-month South American tour where, in cooperation with the Peruvian government, he conducted a survey of the incidence of intestinal parasites among residents of the Andes.

Conrad L. Pirani, chief of the Pathology Division, Army Medical Nutrition Laboratory, has joined the staff of the University of Illinois College of Medicine, Chicago, as associate professor of pathology.

Mabel A. Rollins has been appointed dean of the Department of Economics of the Household and Household Management at the New York State College of Home Economics at Cornell University. She succeeds **Helen Canon**, who retired July 1 after 22 years in the post.

H. I. Romnes, director of operations for the Long Lines Department of American Telephone & Telegraph Company, has been appointed chief engineer of AT&T to succeed **Harold S. Osborne**, who is retiring. **A. F. Jacobson**, vice president in charge of operations for the Illinois Bell Telephone Company, replaced Mr. Romnes in the Long Lines post. Dr. Osborne's Bell System career spans 42 years.

Hazel Shortal, Public Health Service nurse officer, has been assigned to assist in the cooperative public health programs in Latin America. In her new job as a staff member of the Institute of Inter-American Affairs, U. S. government Point IV agency operating in Latin America, she will be public health nurse consultant to field health groups. Her headquarters will be at the Washington office of the institute. Miss Shortal has been a PHS nurse consultant since 1946, and was acting director of public health nursing at St. Louis University before entering the Public Health Service. She has also served as nurse consultant and supervisor with the St. Louis City Health Department.

Oscar S. Smith has been appointed director of the U. S. Atomic Energy Commission's Division of Organization and Personnel. Mr. Smith, who has been deputy director of organization and personnel since 1950, succeeds **Fletcher C. Waller**, who has resigned to join the firm of Bigelow-Sanford in New York.

A. E. van Arkel, head of the Inorganic Chemistry Department, Leiden University, will be in Canada for a year as visiting scientist at the National Research Laboratories in Ottawa. Dr. van Arkel is an authority on the preparation of rare metals of high purity, crystal analysis of inorganic compounds, and recrystallization.

H. H. Warner, member of the Standing Committee on Crop Improvement in the Pacific Area, who was formerly with the ECA Special Technical and Economic Mission to Indonesia, is now area adviser to the Far East Division of the Food and Agriculture Section, Mutual Security Agency, Washington, D. C.

J. E. Weaver, professor of plant ecology in the Department of Botany, University of Nebraska, retired July 1 from active teaching after 37 years with the university. Dr. Weaver plans to continue his research and writing. The vacancy will be filled by **Calvin McMillan**, from the Department of Botany, University of California, Berkeley.

George L. Weil has resigned as assistant director of the Reactor Development Division of the Atomic Energy Commission. Dr. Weil intends to become a private consultant in nuclear reactor design and

engineering, dealing particularly in problems of experimental nuclear power plants for industrial and other private organizations. Dr. Weil started in the field of atomic energy in 1940. In 1945 he was appointed to serve as U. S. scientific representative to the joint Canadian-U.K. atomic energy project at Chalk River, Ontario. In 1947 he became a research associate with the General Electric Company in the AEC's Knolls Atomic Power Laboratory, Schenectady. General Electric was subsequently asked to release Dr. Weil for appointment to the Division of Research of the newly formed AEC.

Education

The following have been appointed to the faculty of **California Institute of Technology**: William H. Coreoran (chemical engineering), Francis B. Fuller (mathematics), and James N. Thurston (electrical engineering).

Oak Ridge Institute of Nuclear Studies will continue operation of the Atomic Energy Commission programs under its direction for another five years. Paul M. Gross, vice president of Duke University, is president of the institute, and William G. Pollard is executive director.

The following **Ohio State University** faculty members will retire from active duty this summer: Dana J. Demorest (metallurgy), Wilmer G. Stover (botany), William J. McCaughey (mineralogy), J. Ernest Carman (geology), Faith L. Gorrell (home economics), Ervin E. Lewis (education), and Arthur Salz (economics).

As A. S. W. Rosenbach Fellow in Bibliography for 1952 at the **University of Pennsylvania**, George Sarton, professor emeritus of the history of science, Harvard, will deliver three lectures on "The Appreciation of Ancient and Medieval Science in the Renaissance" Oct. 17, 24, and 31. They will deal successively with medicine, philosophy, and mathematics, and the text will later be published.

William Doyne Collings, of Michigan State, will join the staff of the **University of Tennessee** medical units for the summer quarter. John Raymond Johnson, of the University of Ottawa, will also serve as a visiting professor in the Division of Physiology.

Trinity University and the **Southwest Foundation for Research and Education** will merge staff personnel and laboratory facilities for graduate teaching and scientific research purposes. Joint research by the two staffs is permitted, by agreement, on projects supported in part by outside agencies, as well as those supported internally. Joint staff appointments and sharing of salaries are also provided for.

The **University of Wisconsin** has promoted 104 faculty members for 1952-53. Of the group, the following received the rank of professor: R. H. Bing and Richard H. Bruck, mathematics; William W.

Beeman and Hugh T. Richards, physics; Frederick A. Mote, psychology; Warren H. Southworth and Walter A. Wittich, education; Edwin M. Foster, bacteriology; Robert J. Dicke, entomology; Helen L. Allen, home economics; George W. Washa, mechanics; Chester M. Kurtz, clinical medicine; and James A. Miller, oncology.

Grants and Fellowships

March of Dimes funds amounting to \$2,395,039 have been allocated for polio research and professional education, to 26 medical schools, hospitals, research institutions, and educational organizations in this country and one in Canada. Johns Hopkins University received \$329,375 for virus research under the direction of Kenneth F. Maxey and Manfred M. Mayer, and \$6,018 for research in improved methods of treatment under the direction of John W. Magladery. Other large grants went to Yale, Stanford, Washington University School of Medicine, and the May T. Morrison Center for Rehabilitation, San Francisco.

The **National Science Foundation** has approved 29 additional research grants, totaling \$263,535, in the biological and physical sciences. This is the final group of research grants for the fiscal year ending June 30. A total of 98 grants was awarded during the year, to 60 institutions in 35 states and Hawaii. The average grant amounted to \$11,032, to run for 1.9 years, or about \$5,800 per year. Although primary basis for selection was scientific merit, the foundation is attempting to encourage the development of research activities in small institutions, with the object of increasing research potential and improving the teaching of science at both graduate and undergraduate levels.

The **Public Health Service** has announced a total of \$403,333 in 21 grants to aid cancer control projects in hospitals, medical schools, universities, and other nonfederal institutions in 12 states and the District of Columbia. Among the new grants, the Health Insurance Plan of Greater New York received the largest sum—\$60,150. Other large grants were \$35,073 to Cornell University Medical College for the work of George N. Papanicolaou and John F. Saybalt; \$26,500 to the University of California School of Medicine; \$25,000 each to the Medical Film Institute of the Association of American Colleges, University of Michigan School of Public Health, and Memorial Hospital (New York). Several of the grants were for research on more effective methods of diagnosing cancer in its early stages; others were for support of professional education for cancer control, cancer epidemiology studies, and investigations of environmental factors that may play a part in causing cancer.

Radioactive Products, Inc., of Detroit, has established a postdoctoral fellowship at the University of Utah for research on the synthesis of C¹⁴-labeled steroids.

In the Laboratories

The **Air Research and Development Command** expects to establish a European Research Office this fall in Brussels. Activity will be of an unclassified nature, mainly in basic research to obtain new information required for future air developments.

Ballistic Research Laboratories has reappointed Theodore E. Sterne chief of the computing laboratory, a position he held from 1945 to 1947. He replaces L. Serle Dederick, who remains as associate director. Werner Leutert has been appointed chief of the Analysis and Computation Branch. This branch, recently formed by reorganization, contains the ENIAC, EDVAC, ORDVAC, and other large calculating machines.

United States Rubber Company has announced the following changes in the development department of Naugatuck Chemical Division: Vadim C. K. Neklutin, assistant manager of process development; Robert M. Greene, group leader of Paracril and synthetic latex development; Robert L. Knapp, group leader of Vibrin and Kralac development; John A. Flickinger, for dispersions and Sealz development; William F. Brucksch, Jr., and E. Leonard Borg as senior group leaders for physical chemical research and applied and developmental research in synthetic rubber, respectively.

Warner-Hudnut, Inc., has appointed the following chemists to the staff of the Quality Control Department: J. Carden, E. Exner, Mrs. M. N. Nolan, W. Shoenfeld, and L. Brazay. R. Petgrave has been transferred to the Department of Pharmaceutical Research.

Meetings and Elections

The **American Association of Candy Technologists** have elected the following officers: president, Justin J. Alikonis; vice presidents, Norman Kempf and V. R. Ciccone; secretary-treasurer, Edward W. Meeker; assistant secretary, Hans F. Dresel.

Under the auspices of the **National Congress of American Indians**, fifty representatives of a dozen Indian tribes met in Brigham City, Utah, in June to outline and analyze tribal needs and formulate action proposals for the improvement of the Indian segment of the population. Although held on the campus of the Intermountain Indian School, the two-week workshop was nongovernmental in nature, and most of the tribesmen paid their own expenses. Contributors to the project include the American Friends Service Committee, the Bureau of Catholic Indian Missions, the Field Foundation, the Phelps-Stokes Fund, the Daughters of the American Revolution, and the Indian Rights Association.

Under the joint sponsorship of the **Society of Protozoologists** and the **New York Academy of Sciences**, a conference on the Growth of Protozoa will be held Oct. 24-25 at the academy. The first day will be devoted to free-living forms, the second to parasites. Papers tentatively arranged for include, among

others, descriptions of vitamin assays by means of protozoa utilizing particulate food; studies of the growth requirements of parasitic flagellates, amebae, and malarial organisms; and an electron microscope study of the morphology of photosynthetic flagellates, with special reference to the chloroplast. The proceedings of the conference will be published in the *Annals* of the academy.

Miscellaneous

The **American Geographical Society** will present medals for "superior contribution to the field of geography" to James M. Wordie, president of the Royal Geographical Society, England (Charles P. Daly Medal); George B. Cressey, of Syracuse University, president of the International Geographical Union (George Davidson Medal, first award); Robert Almagià, of the University of Rome, vice president of the Union (Cullum Geographical Medal); Gilbert H. Grosvenor, president of the National Geographic Society (Samuel Finley Breese Morse Medal); and Carlos Delgado de Carvalho, of the University of Brazil (Livingstone Centenary Medal).

The Hardesty Chemical Corporation has elected **Edward M. Bratter** a director. Mr. Bratter is a partner in the law firm of Marshall, Bratter, Klein & Greene, of New York.

An expedition sponsored by **Columbia University**, the **Office of Naval Research**, the **Bureau of Ships**, and the **Woods Hole Oceanographic Institution** has left New York on the *Kevin Moran*, an especially equipped tug, for exploration of the ocean floor off New England. The nine scientists in the group, led by W. Maurice Ewing, will make seismic refraction measurements and take samples of bottom sediments. They also hope to secure large samples of water from the ocean bottom on both sides of the Atlantic Ridge. Carbon 14 studies of the carbonate extracted from the water will be made at the Lamont Geological Observatory. The *Atlantis*, Woods Hole research vessel, will join the *Kevin Moran* later in the Atlantic cruise.

The **European Council for Nuclear Research** (CERN) held a three-day meeting in Copenhagen during which it adopted a work plan and preliminary budget estimates, based on a survey of the present situation in the various fields of nuclear research. C. J. Bakker, O. Dahl, and L. Kowarski will head the council groups that will prepare a preliminary study on the proposed laboratory for nuclear research, for presentation at the next meeting, to be held in Amsterdam in October. The member states of CERN, which has been set up with the collaboration of Unesco, are: Belgium, Denmark, France, Germany, Italy, the Netherlands, Norway, Sweden, Switzerland, and Yugoslavia. P. Scherrer is president of the council, F. Perrin and W. Heisenberg are vice presidents, and E. Amaldi is secretary. R. Fry attended the meeting as an official observer from the Royal Society (London).