

# News and Notes

## Scientists in the News

**Arnold Kent Balls**, head of the Enzyme Division, USDA Western Regional Research Laboratory, Albany, Calif., has accepted a position as professor of enzyme chemistry at Purdue. Dr. Balls has been employed in the Bureau of Agricultural and Industrial Chemistry for about 22 years.

**Willard W. Beatty**, chief of the educational program of the Bureau of Indian Affairs for the past 15 years, has been appointed deputy director of the Department of Education, in charge of fundamental education training centers for Unesco.

**Bruce H. Billings**, director of research at Baird Associates, Cambridge, Mass., is visiting laboratories in Europe and will give a series of lectures at the Technische Hogeschool in Delft.

**Tze-Tuan Chen** has been promoted from associate professor to professor of zoology at the University of Southern California.

**Richard Donovick** has been appointed director of the Division of Microbiology in the New Brunswick, N. J., Research and Development Laboratories of E. R. Squibb & Sons.

**Leonard P. Eliel**, formerly associate at the Sloan-Kettering Institute, Memorial Hospital Cancer Center, and assistant professor in the Department of Medicine of Cornell Medical College, has been appointed as a member of the staff of the Oklahoma Medical Research Institute and Hospital, Oklahoma City. He will be head of the Section on Clinical Oncology and associate professor of research medicine at the University of Oklahoma School of Medicine, with which the institute and hospital are affiliated. Another addition to the institute and hospital staff is **Robert Howard Furman**, formerly assistant professor of medicine at Vanderbilt University School of Medicine and assistant visiting physician of the University Hospital. Dr. Furman will be head of the Section on Cardiovascular Disorders and will have an appointment as associate professor of research medicine.

**Arnold Feldman**, formerly of Mayo Clinic, has been appointed an instructor in radiological physics in the Department of Radiology, University of Colorado School of Medicine.

**Kenneth E. Fields** has been appointed director of the Division of Military Application of the U. S. Atomic Energy Commission, succeeding **James McCormack, Jr.**, who has been assigned as a special assistant to the deputy chief of staff for development, in USAF headquarters. Colonel Fields has served as assistant to the commanding general, Manhattan Project, and assistant to the director of military application for the AEC. General McCormack served as

director of the Division of Military Application continuously from February 1, 1947. He was the first director of the division, who, under the Atomic Energy Act of 1946, must be a member of the armed forces.

The new director of the Swedish Jernkontoret is **Sven Fornander**. He replaces **M. Tigerschiold**, who has taken an industrial position at the Grangesberg-Luossavaara-Kiirunavaara Co.

**Charles L. Fox, Jr.**, has been appointed research associate in surgery with professorial rank at New York Medical College, Flower-Fifth Avenue Hospital. New laboratories have been built at the hospital for research he is doing with **James M. Winfield** on electrolyte metabolism and improved methods of treating shock caused by burns and other trauma, under a grant from the USPHS. Dr. Fox was formerly assistant professor of bacteriology at the College of Physicians and Surgeons, Columbia University.

**Harry V. Gilson**, associate commissioner of education for the state of New York, has been appointed director of education of the National Society for Crippled Children and Adults. Other new staff appointments include **Mary F. Pollard**, who has been with the New Mexico Department of Health, and who will serve as consultant in community organization and health education; and **Irene K. Rowland**, of Streator, Ill., who will assist in interpreting the service program for crippled children to the general public and to volunteer workers throughout the country.

**W. C. Gorham** has been appointed professor and head of the Department of Biology at Albany College of Pharmacy, Union University, succeeding **Raymond A. Dobbins**, deceased.

**Frank Harrison**, chief of the Division of Anatomy at the University of Tennessee Medical Units in Memphis, has resigned. He will be succeeded by **Roland H. Alden**, now head of the Department of Microscopic Anatomy. Dr. Harrison will continue as professor of anatomy until December, when he will join the faculty of Southwestern Medical School of the University of Texas at Dallas, as professor, teaching and doing research in neuroanatomy.

**A. L. Hodson**, of the cosmic ray research staff of the University of Manchester, will spend the coming year at Princeton University. **D. H. Wilkinson**, of the Cavendish Laboratory, Cambridge, is at Cornell, where he will be concerned with interpretation of his experiments on photonuclear reactions. **C. Peyrou**, of the cosmic ray group of Leprince-Ringuet, Ecole Polytechnique, Paris, is planning to spend the coming year at MIT, where he will continue cosmic ray research.

**Axel Hultgren** is retiring this year as head of the Division of Metallography, Royal Technical University, Stockholm.

**P. C. Jones** is now editor of the *Bell System Technical Journal*. He became associate editor on the retirement of **R. W. King** in the fall of 1949, and has been acting editor since the retirement of **J. O. Perrine** in February of this year. He will continue as science editor of the *Record*.

A South African expert, **Raimund Marloth**, has been selected by FAO to advise Yugoslavia on subtropical fruit growing. Dr. Marloth is director of the Nelspruit Subtropical Horticultural Research Station, Union of South Africa.

**K. E. W. Penzhorn**, chief professional officer of the Division of Soil Conservation and Extension for the Transvaal and Orange Free State Highveld, has been invited by the State Department to undertake a study tour through the U. S. He will visit experimental stations and will obtain firsthand knowledge of the use of hybrid corn.

**Milton S. Plesset**, professor of applied mechanics, and **W. Duncan Rannie**, associate professor of mechanical engineering, at Caltech, have been named by Hoyt S. Vandenberg to serve as members of his Scientific Advisory Board during the coming year. Dr. Plesset will be a member of the new Panel on Physical Sciences, and Dr. Rannie, of the Panel on Fuels and Propulsion.

**A. C. Ritchie**, Oxford University, has arrived in this country to do research and teach as a visiting member of the faculty of the Chicago Medical School. He will work in the Laboratory of Cancer Research under the direction of Philippe Shubik, assistant professor of surgery and coordinator of the Cancer Teaching Program.

After serving several years as leader of American Petroleum Institute Research Project 43A at the Scripps Institution, **Frederick D. Sisler** has moved to Edgewood, Md., to take a position as assistant chief, Biological Section, Research Branch, U. S. Army Chemical Corps.

The American-Scandinavian Foundation, with the American Labor Education Service, is sponsoring a visit to Denmark and Sweden of **Maida S. Springer**, an executive of Local 22 of the International Ladies Garment Workers Union, to study trade union methods. This is the third year in which American trade unionists have visited Scandinavia under the foundation's sponsorship.

In June **Oswald Tippo**, Department of Botany, University of Illinois, became editor-in-chief of *The American Journal of Botany*, succeeding **Bernard S. Meyer**, Department of Botany, Ohio State University, who had held this position for more than five years.

**Edward Raymond Tompkins** has been made acting head of the Chemical Technology Division of the U. S. Naval Radiological Defense Laboratory, San Francisco. Dr. Tompkins' work has been concentrated on methods of separating and purifying radioisotopes.

**Hugh L. Turrittin**, associate professor of mathematics and mechanics, has returned to the University of Minnesota, after spending a sabbatical year on the staff of Princeton University.

**William G. Van Note**, a member of the faculty of North Carolina State College for 18 years, has been appointed president of Clarkson College of Technology at Potsdam, N. Y. He succeeds **Jesse H. Davis**, who will become president of Stevens Institute of Technology. Since 1946, Dr. Van Note has been director of the Department of Engineering Research and professor of metallurgy at North Carolina State.

The Electrochemical Society has announced that the first Palladium Medal Award will be presented to **Carl Wagner**, visiting professor of metallurgy at MIT. The Palladium Medal was established in 1950 by the Corrosion Division of the society, for outstanding contributions to corrosion and to fundamental electrochemistry. The award is made possible by royalties received from sales of the *Corrosion Handbook*. Dr. Wagner will receive the medal at the October meeting of the society in Detroit, when he will present the medal award lecture covering certain phases of his research. He has been at MIT since 1949.

**Walter A. Wood**, head of the Arctic Institute's ice studies project on Mount Hubbard, and three other members of his party have been picked up from a glacier on Mount Hubbard by a ski-equipped Air Force plane. The explorer's wife and daughter and the pilot of the supply plane have been missing since July 27.

## Education

**Robert Williams Graves**, professor of neurology at **Albany Medical College**, has been appointed director of the newly created Department of Neurology and chief of the Neurological Service at Albany Hospital. **Frederick H. Hesser**, formerly assistant professor of neurology at the State University of Iowa, has been appointed associate professor of neurology and attending neurologist at the hospital. **Samuel Tarnower** has been promoted from associate in neurology to assistant professor of neurology. **Gordon W. Searle** and **Lucile Williams** have joined the staff of the Department of Physiology and Pharmacology. Dr. Searle was formerly at the Northwestern University School of Medicine, and Dr. Williams at Creighton University School of Medicine.

**Bar-Ilan University**, which is expected to open in 1953 with a two-year college course, has received a grant of 30 acres of land in a Tel Aviv suburb from the Mizrahi Organization of America, sponsors of the \$5,000,000 project. Emphasis will be on applied sciences, although the school will have a religious atmosphere and a large part of the curriculum will be devoted to religious subjects.

The **Books for Freedom** campaign, designed to col-

lect from voluntary sources 100,000 scientific, social service, medical, legal, and engineering textbooks for the Free University of Berlin, reports that 100 U. S. colleges have pledged books. The University of Pennsylvania alone has contributed 600 books in history and economics.

The **University of California** at Los Angeles has appointed Harvey Winston (Berkeley) assistant professor of chemistry, and Allen L. McCloskey (Wisconsin) instructor. Promotions in the Department of Chemistry include Thomas L. Jacobs and James D. McCullough to professor, Donald J. Cram to associate professor, and Paul S. Farrington to assistant professor.

Studies in nuclear engineering at **Columbia University** will be expanded this year to include three courses: an introduction to reactor technology, a cooperative course, with lecturers from the Engineering, Pure Science, and Medicine faculties; instruction in the process design of atomic piles and associated chemical processing of products and wastes; and the industrial use of atomic energy.

**Cornell University** will establish, in its School of Chemical and Metallurgical Engineering, a laboratory devoted specifically to rubber and plastics. William C. Geer, former director of research for the B. F. Goodrich Co., but best known for his invention of the airplane de-icer, has provided equipment and funds for the laboratory, which will be devoted mainly to research on synthetic rubber. C. C. Winding will be in charge.

**Duke University** will be the headquarters for a nation-wide basic research program sponsored by the Ordnance Corps. Marcus E. Hobbs, of the Department of Chemistry, is acting chief scientist, and W. W. Holler will be in command of the establishment, which is to be known as the Office of Ordnance Research. The office will evaluate projects and award contracts with the aid of scientists from the Ordnance Corps.

Michael Kasha, who studied at the University of Manchester as a Guggenheim fellow last year and lectured in France and Italy, has been appointed professor of physical chemistry in the Department of Chemistry at **Florida State University**. He will assist in the establishment of a new molecular spectroscopy laboratory at the University.

**Harvard University**, through its Russian Research Center, has undertaken a study of the Russian people and the Soviet social system. The four-year Harvard Refugee Interview Project is under the over-all direction of Clyde Kluckhohn, and is based on interviews with people who have left Russia for various reasons. More than 3,000 persons have been interviewed. Raymond A. Bauer was field director of the European operations, in which 20 American social scientists participated. The work is being done under contract with the Human Resources Research Institute, of Montgomery, Ala.

**Moreno Institute**, formerly the Sociometric Institute, has received a provisional charter from the Board of Regents, New York State. It specializes in the training of group psychotherapists, psychodramatists, and sociometrists. Under its auspices an International Committee of Group Psychotherapy has recently been formed. The first International Congress of Group Psychotherapy is planned for the autumn of 1952. For further information write to the Moreno Institute, P. O. Box 311, Beacon, N. Y.

**Princeton** has increased the space in its plastics laboratory by 50 per cent with the completion of a new wing, which is expected to be fully equipped for operation by the opening of the school year in September. The university does research in polymer science for the Army, Navy, and Air Force and is investigating the mechanical and electrical properties of solids.

## Grants and Fellowships

The **American Chemical Society** announced the following awards at its diamond jubilee meeting in New York: Harrison S. Brown, the ACS Award in Pure Chemistry, \$1,000 and a diploma; Joel H. Hildebrand, the \$1,000 Scientific Apparatus Makers Award in Chemical Education; Yves Rene Naves, Geneva, Fritzsche Award of \$1,000 and gold medal for achievement in the field of essential oils; Carrell H. Whitnah, the \$1,000 Borden Award in the chemistry of milk; David M. Bonner, the Eli Lilly Award, \$1,000 and a gold medal for achievement in biological chemistry; Vladimir Haensel, the \$1,000 Precision Scientific Company Award in petroleum chemistry; Bernard L. Horecker, the \$1,000 Paul-Lewis Laboratories Award in enzyme chemistry; Melvin Guy Mellon, the \$1,000 Fisher Award in analytical chemistry; and Gladys A. Emerson, the ACS Garvan Medal for 1952. Arthur B. Lamb, professor emeritus of chemistry at Harvard, received an honorary fellowship in the Chemical Society of London.

Financed by a grant of \$31,616 from the **Rockefeller Foundation**, the American Council on Education has begun an exploratory research project on the relation of religion to public education. Clarence Linton, on leave from Teachers College, will direct the project.

**Guggenheim Memorial Foundation** fellowships in the amount of \$90,000 awarded last month went to 30 scholars and artists from Latin-American countries and the Philippines for research and creative work. The awards bring the total number of fellowships awarded in 1951 to 184 and the total of stipends to \$658,000. The medical sciences received the largest number of awards, with botany and geology and geography next. Alexander Wetmore was chairman of the award committee.

**Hematology Research Foundation** has awarded the Ruth Berger Reader Fellowship to Abe Oyamada at Mount Sinai Hospital, Chicago, for the second year, and the Robert L. Goldblatt Fellowship to Arthur A.

Billings at Michael Reese Hospital, Chicago. Grants for research in diseases of the blood were made to Steven O. Schwartz, Cook County Hospital; Karl Singer, Michael Reese Hospital; Allen H. Minor, Lenox Hill Hospital; and George J. Andy, Loyola Medical School. The foundation also furnishes the basic support for the Hematology Research Laboratory at Michael Reese.

Applications for 1952 grants-in-aid of research on cardiovascular problems will be received by the **Life Insurance Medical Research Fund**, 2 E. 103rd St., New York City 29, up to *Nov. 15*. Support is available for physiological, biochemical, and other basic research, as well as for clinical investigations in the field. The annual stipend is between \$3,000 and \$4,000, and an M.D. or Ph.D. or the equivalent is required. A few predoctoral fellowships will also be awarded. For details address the Scientific Director.

## In the Laboratories

**Battelle International**, a new research institute to be established in Europe this fall, will maintain laboratories and offices in several Western European countries. Launched by Battelle Institute, the program will be financed primarily by Battelle funds and American industrial sponsors. John S. Crout, B. D. Thomas, and W. R. Keagy, of the American Battelle, are in Europe to complete negotiations for laboratory sites and to recruit a European staff. It is also proposed to begin projects at the Fulmer Research Institute, TNO Council, and the Max Planck Gesellschaft. An important part of the program will be an exchange of scientists between American and European laboratories.

**Chemstrand Corporation** has named Carol O. Hoyer, of the Plastics Division of the Monsanto Chemical Company, Springfield, Mass., director of its general Engineering Department.

**Franklin Institute Laboratories for Research and Development** have established a new Applied Hydraulics Section in the Mechanical Engineering Group. Current work consists of the application of pivoted-shoe oil-film bearings to improve the performance of hydraulic transmissions, testing of a special-purpose compressor of new design, and development of pivoted-shoe thrust bearings which use unconventional lubricants for special-purpose machinery.

**Horizons Incorporated** has appointed John T. Burwell, Jr., formerly of the MIT Mechanical Engineering Department, as assistant to the director of research. He will make his headquarters at the company's laboratory in Cleveland. **Horizons Titanium Corporation** has named Irvin R. Kramer, of NRL and ONR, assistant to the president. His office will be in Washington, D. C., where he will work on the development of the process involving the extraction of titanium, developed by Horizons Incorporated in conjunction with the Navy and ONR.

**International Refineries, Inc.**, of Minneapolis, will

construct a \$7,000,000 oil refinery near Duluth. The required crude oil will be brought from Alberta through the facilities of the Interprovincial Pipe Line Company. Completion of the plant is expected by 1952.

**Leeds & Northrup Company** has appointed Raymond C. Machler director of research, succeeding I. Melville Stein (*SCIENCE*, 114, 225 [1951]). J. C. Peters, associate director of research, will be joined in that capacity by G. A. Perley and A. J. Williams, Jr.

## Meetings and Elections

The **American Council on Education** is holding a Conference on Women in the Defense Decade at the Hotel Commodore, New York City, Sept. 27-28. More than 600 official delegates have been appointed by educational institutions and organizations. Among the speakers will be Arthur S. Adams, Louis Baur, Oliver C. Carmichael, Margaret D. Craighill, Lena E. Eberling, Erwin Edman, Norma Farrar, Althea Hottell, Mary F. Langmuir, Eduard C. Lindeman, Anna M. Rosenberg, and Pauline Park Wilson.

The **American Library Association** installed Loleta D. Fayn as president at the close of its 75th anniversary conference. Robert Bingham Downs, director of the University of Illinois Library School, was chosen first 1951-52 vice president (president-elect) and Marian McFadden, second vice president. R. Russell Munn was re-elected treasurer. At the same meeting the 1950 Lippincott Award was presented to Helen E. Haines "in recognition of outstanding librarianship." Miss Haines teaches at USC Library School and at the Columbia University summer sessions.

A **Canadian Association of Geographers** was organized last May at McGill University by a group of more than 50 geographers from all parts of Canada. D. F. Putnam, of the University of Toronto, was chosen president, and Pierre Dagenais and J. Lewis Robinson, vice presidents. Pierre Camu was elected secretary-treasurer.

A **Conference on the Chemistry and Physics of Polymers and Colloids** will be held at Wayne University on Sept. 27, sponsored by the College of Liberal Arts in cooperation with several local and national industries. Speakers will be O. Kratky, University of Graz; J. J. Hermans, University of Groningen; E. J. W. Verway, Philips Research Laboratories, Eindhoven; J. Th. Overbeek, University of Utrecht; and G. G. Overberger and H. Mark, Institute of Polymer Research, Brooklyn.

**Kessler Institute for Rehabilitation** will hold its free semiannual clinic for congenital amputees on Oct. 17. This year the clinic will emphasize the genetic origin of congenital defects, and it is planned to have several leading geneticists take part. The clinics feature group conferences with parents. Persons who wish to attend should write to Mrs. Noel Dousman, Kessler Institute, Pleasant Valley Way, West Orange, N. J.