

News and Notes

Scientists in the News

Wallace F. Armstrong, a member of the Ethyl Corporation manufacturing department for the past 12 years, has been named manager of the company's new chemical plant now under construction near Houston, which is scheduled to go into operation next year. Mr. Armstrong will be in charge of the production of tetraethyl lead and the other special-purpose chemicals to be manufactured at the Houston facility.

Dugald Baird, Regius professor of midwifery at the University of Aberdeen, Scotland, will deliver the Cutter Lecture on Preventive Medicine at the Harvard Medical School on Oct. 15. Dr. Baird has chosen "Preventive Medicine in Obstetrics" as his subject.

The Institute of Radio Engineers has announced that the institute's medal of honor has been voted to **W. R. G. Baker**, vice president of the General Electric Company and general manager of its electronics division at Syracuse, N. Y. The board cited Dr. Baker for his "early technical contributions to the radio transmitter art, his long-sustained and effective leadership of institute and industry engineering groups and his outstanding service to the institute."

R. M. Barrer, of the University of Aberdeen, was visiting lecturer at the Iowa State College Institute for Atomic Research during the month of September. He delivered three lectures on researches on minerals, including: "Syntheses and Metamorphoses," "Ion Exchange," and "Sorption." **O. R. Frisch** also lectured on some of the nuclear physics work at Cavendish Laboratory, Cambridge.

Willard W. Beatty, chief of the educational branch of the Bureau of Indian Affairs, has become deputy director of the Unesco Department of Education. **P. W. Danielson**, assistant chief of the Indian Bureau's educational branch, succeeds him as acting chief.

Lester S. Blumenthal, clinical instructor in medicine at the George Washington University, attended the first congress of the International Association of Allergists, which met at Zurich. He presented a paper on "The Use of Ergot in the Treatment of Headache."

Philippe Boulin, engineer in the French Bureau of Mines, was a recent visitor at the U. S. Geological Survey.

Robert D. Calkins has been elected president of the Brookings Institution but will not assume his post until July 1, 1952, when **Harold G. Moulton**, who has been president of the institution since its inception, formally retires. Dr. Calkins has been director of the General Education Board, Rockefeller Foundation, since 1947.

Ian Campbell, of the California Institute of Tech-

nology, has been named chairman of the Industrial Minerals Division of the American Institute of Mining and Metallurgical Engineers. Professor Campbell, who is acting chairman of the Division of the Geological Sciences, will take office in February at the New York meeting of the institute.

W. Edward Chamberlain has been appointed 1951 visiting professor of oncology in the Cancer Research Institute of the University of California School of Medicine. Dr. Chamberlain is head of the Department of Radiology at Temple University Medical School and Hospital. His program includes lectures and medical conferences at both UC and Stanford Medical Schools.

Samuel A. Corson has been appointed professor of pharmacology in the Department of Physiological Sciences at the Kirksville (Missouri) College of Osteopathy and Surgery.

C. A. Coulson, professor of theoretical physics at King's College, London, has been appointed Rouse Ball professor of mathematics at Oxford to succeed E. A. Millne.

Richard S. Davidson, formerly assistant plant pathologist of the Ohio Agricultural Experiment Station, has been appointed plant pathologist and professor of botany and plant pathology of the Agricultural Experiment Station and the School of Agriculture of the Alabama Polytechnic Institute. Besides teaching Dr. Davidson will conduct research on diseases of peanuts.

Hilary J. Deason, chief of the Fish and Wildlife Service's Office of Foreign Activities since 1946, has resigned because of poor health. Dr. Deason joined the staff of the former Bureau of Fisheries in 1928 as an aquatic biologist at Ann Arbor, Mich. He has been active in whaling affairs since 1946, and returned in August from the third meeting of the International Whaling Commission at Capetown, where he served as deputy U. S. commissioner.

Wayne Dennis, of the University of Pittsburgh, has resigned to become head of the Department of Psychology at Brooklyn College, where he succeeds **Harry Helson**, who is now at the University of Texas.

Harry R. Gamrath has been appointed assistant director of research for the Organic Chemicals Division of the Monsanto Chemical Co. Dr. Gamrath went to Monsanto in 1934 as a chemist. During World War II, he was in charge of research for the Chemical Warfare Service plant operated at Monsanto, Ill.

Charles Garside has succeeded **Alvin C. Eurich** as acting president of the State University of New York. As a member of the board of trustees since the university was established in 1948, Mr. Garside has served

on the executive committee and as chairman of the committee on medical education centers. Dr. Eurich is filling an administrative position with the Ford Fund for the Advancement of Education (*SCIENCE*, **113**, 704 [1951]).

Seymour Levine, who at present is taking specialized training at the Cooperstown Laboratories, Cooperstown, N. Y., has been named instructor in biophysics in the Department of Biophysics at the University of Colorado Medical School. Prior to going to Cooperstown, Dr. Levine was a member of the faculty of Western Reserve University for two years.

A. Douglas McLaren has recently joined the staff of the University of California College of Agriculture as associate professor of soil chemistry. He will teach soil microbiology. He has been assistant professor of physical and polymer chemistry at Polytechnic Institute of Brooklyn.

The assistant secretary of the Royal Society, **D. C. Martin**, has been in Washington as a guest of the National Academy of Sciences-National Research Council. During his stay he gave an illustrated talk on "The Royal Society and Science in Britain." The National Research Council of Canada has invited him to visit universities in Canada.

John W. Moyer, chief of the division of motion pictures at Chicago Natural History Museum, has accepted an appointment in the foreign service of the Department of State. He will be engaged in the department's foreign information and educational fields and, after a brief stay in Washington, will leave for the Far East.

Edward N. Munns, since 1937 chief of the Division of Forest Influences in the U. S. Forest Service, has retired after more than 39 years' service. Mr. Munns served on the staff of the President's Water Resources Policy Commission last year and has served as vice president of the International Union of Forest Research Organizations and on the land committee of the Interstate Commission on the Potomac River Basin. He is a USDA representative on the Federal Inter-Agency River Basin Hydrologic Subcommittee, and is technical adviser on watershed management problems to the American Water Works Association.

Carl T. Nelson, professor of dermatology at Columbia University College of Physicians and Surgeons, has been appointed executive officer of his department. He succeeds the late **A. Benson Cannon**. He joined the teaching staff of the college and the clinical staff of the Vanderbilt Clinic in 1946.

James A. Oliver has been appointed curator of reptiles at the Bronx Zoo. Dr. Oliver is the zoo's third curator of reptiles in the 52 years of its history. His predecessors were **Raymond L. Ditmars**, who had charge of the snakes from the opening of the zoo in 1899 until his death in 1942, and **Brayton Eddy** (1945-50). Since 1948 Dr. Oliver has been an assistant pro-

fessor in the Department of Biology of the University of Florida.

Richard U. Ratcliff, director of housing research for the Housing and Home Finance Agency, has resigned to return to his professorship at the University of Wisconsin. Dr. Ratcliff left the university on a year's leave of absence at the end of 1949 to set up the new HHFA housing research program authorized by the Housing Act of 1949. His leave was extended at the agency's request, and his service has now exceeded the period agreed upon. **Joseph H. Orendorff**, who has been serving as assistant director of the HHFA Division of Housing Research, as well as its chief of housing technology, has been named acting director of research.

Werner Richter has been elected rector of the University of Bonn in the capital of the Federal Republic of Germany. As one of the youthful statesmen of the Weimar Republic, Hitler forced his dismissal from Berlin. He found refuge in the U. S., lecturing at California, Wisconsin, and Yale universities. Reinhold Niebuhr found him a professorship of philosophy at Elmhurst College. He remained here until he was called to Muhlenberg College. Two years ago Bonn offered him the chair of philosophy, and he accepted. Bonn's philosophical faculty elected him dean two weeks before the election to the rectorship.

Mount Sinai Hospital has announced the appointment of **Jack Ruthberg** as assistant director. He had served continuously at Queens General Hospital for nine years, and before accepting his new appointment, he was deputy medical superintendent at the Queens institution, as well as assistant visiting physician at Queens General, Triboro, and Jamaica Hospitals.

The Ford Foundation has appointed **Robert Saudek**, vice president and assistant to the president of the American Broadcasting Company, as the director of its TV-Radio Workshop (*SCIENCE*, **114**, 289 [1951]). Mr. Saudek has resigned his present post at ABC, where he has been head of public affairs programs, sales development, and research.

A. C. van Dorsten, of Eindhoven, Holland, designer of the Philips electron microscope, is on a two months' lecture tour of the U. S. and Canada. He is scheduled to talk before scientific groups at Rockefeller Institute, Brookhaven National Laboratory, MIT, Columbia University, Notre Dame, Purdue, Rice Institute, and Oregon State University. He will also speak at the Electronic Physics Symposium to be held in Washington, D. C., and at the Electron Microscope Society meetings in Philadelphia in November.

F. S. Washburn, a board member of the American Cyanamid Company and director of its Agricultural Chemicals Division, has been elected president of the firm's Canadian subsidiary, North American Cyanamid, Ltd. He succeeds **H. P. Eastman**, who has retired. **E. D. Powers**, a vice president and director of the parent company, was elected vice president.

Education

Cornell University has adopted the "Spoken Approach," or Army, system of language instruction as a permanent part of its curriculum. The experimental program was underwritten for five years by the Rockefeller Foundation. Most of the undergraduates have been able to meet the university's language-proficiency requirements after the first year. A \$20,000 modern language laboratory given to Cornell by the Gray Research and Development Company has enabled the university to turn out large quantities of authentic foreign language records, which have become increasingly important in the intensified method.

Applications for research space at the **Hawaii Marine Laboratory** for the summer of 1952 may be secured upon request to the director, University of Hawaii, Honolulu, T. H. They must be returned before Feb. 1.

A mechanics colloquium sponsored by **Illinois Institute of Technology** and **Armour Research Foundation** began on Oct. 3 with a lecture by S. J. Fraenkel and L. E. Grinter in a joint meeting with the American Society of Civil Engineers. Succeeding lectures will be held once each month through May 7 on the Illinois Tech campus, except for the May meeting, which will be at the Technological Institute of Northwestern University. Among the speakers will be W. Prager, A. Casagrande, L. E. Goodman, H. Ekstein, Arnold M. Kuethe, Dana Young, and Charles Lipson, in that order.

The Zoology Department of the **University of Illinois** has appointed Carl C. Clark assistant professor of zoology and has promoted Harvey I. Fisher to associate professor and James B. Kitzmiller to assistant professor.

The **University of Maryland** Institute for Fluid Dynamics and Applied Mathematics began a series of public lectures Sept. 25-27 with addresses by S. R. de Groot, of the University of Utrecht. The series will be continued by lectures on Nov. 13, 15, and 16 by R. W. Gurney, and on Dec. 11, 12, and 13, by J. Kampe de Fériet, of the University of Lille. All three are visiting research professors. Inquiries regarding the lectures, the program of the institute, and research positions and fellowships should be addressed to R. J. Seeger, director.

The **University of Puerto Rico**, through the Institute of Labor Relations, has begun an experiment in the teaching of English to a class of 125 Puerto Rican workers, chosen from more than 500 applicants. All the students attend classes after the workday is over. The methods and equipment developed by the Institute of Languages of Georgetown University are used, and if the project is successful the Insular government, through the Insular Economic Development Administration and Department of Labor, in cooperation with industry and federal agencies, hopes to place trained,

English-speaking workers in mainland defense jobs.

The **University of Rochester** Cosmic Ray Group formerly headed by Bernard J. Peters has been placed in charge of Morton F. Kaplon, who was codiscoverer in 1949 with Dr. Peters and the late Helmut Bradt of the R-star, which provided the first clear-cut evidence of the production of large numbers of mesons in nuclear collisions of extremely high energy in the upper atmosphere. Charles Ritson, British physicist, is working with Dr. Kaplon, who is currently completing experiments at White Sands with unmanned balloons. Dr. Peters has gone to India to accept a special chair in cosmic ray research and teaching at Tata Institute for Fundamental Research.

The **World Health Organization** has granted the Department of Health of the Union of South Africa funds that will enable the following scientists to be sent overseas to study latest developments in their fields in Europe and the U. S.: R. Turner, pathologist, Cape Town; B. M. Clark, Pretorian health officer; B. J. van Rensburg, who will study tuberculosis control; H. Schiller, head of the venereal diseases section in Pretoria; L. A. Hurst, of the Weskoppies mental institution in Pretoria; and W. N. Taylor, of Fort Hare College, who will study sanitation.

Grants and Fellowships

Under a \$20,000 **Air Force** grant, University of Texas chemists will try to develop an improved method for analyzing aluminum and steel alloys used in aircraft. G. H. Ayers is director of the project, and S. H. Simonsen is assistant director.

Supplemental **Fulbright** awards for university lecturing and postdoctoral research in European, Near Eastern, and Pacific areas have been announced for 1952-53. The closing date of the competition is Oct. 15, 1951. Fulbright agreements have been signed recently with Iraq, Denmark, and Japan, but programs have not yet been announced. Complete information may be obtained from the Committee on International Exchange of Persons, 2101 Constitution Ave., N.W., Washington 25, D. C.

American Telephone and Telegraph Company has announced the Frank B. Jewett postdoctoral fellowships in the physical sciences, which carry an honorarium of \$3,000 to each fellow and \$1,500 to the academic institution. Application blanks, returnable by Dec. 1, may be obtained from the Jewett Committee, Bell Telephone Laboratories, 463 West St., New York.

The **Twentieth Century Fund** has announced the assignment of Oscar C. Stine, former assistant chief of the Federal Bureau of Agricultural Economics, to appraise the government's farm program. The study will be conducted in Washington and is expected to take more than a year. M. R. Benedict, of the University of California, will be associated with Dr. Stine, who resigned from the USDA on August 31 after nearly 37 years of service.

In the Laboratories

Johns-Manville Corporation expects to finish this year the expansion of its Lempee, Calif., plant and mine. The diatomite deposit at Lempee is believed to be the largest in the world. Among relatively new uses for diatomite is the clarification of antibiotics.

McNeil Laboratories has appointed John F. O'Leary senior scientist in the Department of Pharmacology. An industrial chemist, Dr. O'Leary worked during World War II at the University of Rochester on a study of the toxicology of uranium, as part of the Manhattan Project.

Under joint sponsorship of the **University of Michigan Hospital** and the **National Foundation for Infantile Paralysis**, a respiratory center for extensive clinical research on polio will be opened at the hospital. James L. Wilson, chairman of the Department of Pediatrics and Communicable Diseases, will have overall supervision of the center, and David G. Dickinson will be director. Similar centers were opened last year at Children's Hospital of Boston, Wellesley Hills, Mass., and at Jefferson Davis Hospital, Houston.

Nicholas E. Golovin has been appointed assistant director for administration of the **National Bureau of Standards**. He will be concerned with the planning and administrative management of the technical programs of the bureau. Formerly executive assistant to the director, Mr. Golovin has recently been in California to activate the **Corona Laboratories** of the NBS. Lauriston S. Taylor, formerly in charge of the Radiation Laboratory, has been appointed chief of the Atomic and Radiation Physics Division and coordinator of Atomic Energy Commission projects at NBS. His work will involve the over-all direction of research programs in atomic and nuclear constants, electron physics, mass spectrometry, spectroscopy, radioactivity, x-rays, nucleonic instrumentation, high-voltage generators and accelerators, and evaluation of radiation hazards.

Jonathan R. Roehrig is now associated with **National Research Corporation** as a project manager in the company's Physics Research Department. He has been connected with the Submarine Signal Company and its successor, Raytheon Manufacturing Company.

Ralph E. Bowman will be head of the first **Parke, Davis & Company** overseas research laboratory at Hounslow, Eng., about 15 miles west of London. Dr. Bowman was formerly on the faculty of Birkbeck College, University of London. Parke, Davis is establishing a Latin-American headquarters at Colon, Panama, for the more efficient distribution of drugs in Spanish-speaking countries. The 85-year-old drug firm recently donated 10,000 doses of chloromycetin for hurricane relief in Jamaica, British West Indies, and Tampico.

Radio Corporation of America has elected Charles B. Jolliffe to the newly created position of vice presi-

dent and technical director, and E. W. Engstrom as vice president in charge of RCA Laboratories Division. Dr. Jolliffe, who has been with RCA since 1935, will be responsible for long-range development and will direct the representation of the corporation in technical matters before public and governmental bodies. Dr. Engstrom was director of research of RCA for two years prior to his election in 1945 as a vice president. He had previously served the laboratories for 13 years in various research positions.

George K. Hawkins has been appointed to the staff of the Clinical Research Division of **Schering Corporation**, and Jeremiah A. Moynihan has been appointed to the Medical Service Staff. A native of Ireland, Dr. Moynihan was a resident surgeon at Doctors Hospital, New York, prior to joining Schering. Robert J. Bowie has been appointed assistant manager of the Schering International Division. He has had long experience in the marketing and promotion of pharmaceuticals in Latin America, Europe, and the Orient.

Sharp & Dohme has appointed four new research associates: Walter F. Charnicki, who received the Ph.D. from Purdue in 1951, to the staff of Pharmaceutical Research; John R. Corrigan, who has been with Sterling-Winthrop for the past two years, to the Chemical Development Department; Virginia Lytle, who received her M.A. from the University of Pennsylvania this year, to the Department of Virology; and Joaquin Munoz, who has been assistant professor of medical bacteriology at the University of Illinois, to the Bacteriology Department.

Wendell C. Peacock, one of the five original founders of **Tracerlab, Inc.**, has been elected vice president and technical director and a member of the board of directors. He has recently been on the staff of Sloan-Kettering Foundation and was chief of the Physics Department there when he rejoined Tracerlab last March as acting technical director.

Meetings and Elections

The **American Society for Engineering Education** elected the following officers at its annual meeting at Michigan State College: S. C. Hollister, of Cornell, president; M. M. Boring, of General Electric, and J. H. Lampe, of North Carolina State, vice presidents; and C. L. Skelly, of the Macmillan Company, treasurer. G. A. Rosselot and L. E. Grinter will continue as vice presidents.

Reginald J. S. Pigott, director of the engineering division of Gulf Research and Development Company of Pittsburgh, a subsidiary of Gulf Oil, has been nominated president of the **American Society of Mechanical Engineers**. He will take office at the end of the annual meeting in December, succeeding J. Calvin Brown, of Los Angeles, engineer and patent attorney.

The **American Society of Photogrammetry** will present Preston James, president of the Association of

American Geographers, Richard E. Harrison, cartographer to *Fortune* and *Life*, and Alfred O. Quinn, of Aero Service, Inc., in a symposium on the contributions of geography, cartography, and photogrammetry to areal studies, Oct. 11, in the auditorium of the Department of the Interior, Washington, D. C. Robert C. Campbell, head of the Department of Geography at George Washington University, will be moderator.

The 18th Christmas **Chemical Engineering Symposium** of the Division of Industrial and Engineering Chemistry of the American Chemical Society will be held at Northwestern University Dec. 27-28. The symposium will deal with nucleation, and there is room on the program for a few more papers. Attendance and participation are not limited to ACS members, but American nonmembers may not present papers unless a co-author is a member. Papers Committee chairman is C. M. Cooper, Du Pont Experimental Station, Wilmington, Del.

The **Council on Radio Journalism** has elected Baskett Mosse, of Northwestern University School of Journalism, chairman to succeed Floyd K. Baskette, who has served two successive terms. Robert K. Richards was re-elected secretary-treasurer. Kenneth H. Baker, director of research, has resigned to organize his own firm, Standard Audience Measurement Service, New York. The Council amended its by-laws to expand its membership from 10 to 12, providing for the addition of one industry and one educator member. One of the major functions of the council, which was formed in 1945 by joint action of the National Association of Radio and Television Broadcasters and the Association of Accredited Schools and Departments of Journalism, is an internship program in which radio journalism faculty members spend 10 to 12 weeks in the newsrooms of American broadcasting stations during the summer.

Genetics Society of America has elected the following officers for 1952: John W. Gowen, president; Roy E. Clausen, vice president; and M. R. Irwin, member of the Public Education and Scientific Freedom Committee (three-year term). Ernst Caspari, treasurer, and W. R. Singleton, secretary, continue in office.

At the meeting of the **International Commission on Illumination**, held at Stockholm last summer, Ward Harrison, consulting engineer, was elected president, first person from the U. S. to serve in that capacity in more than 25 years. All member countries were represented among the 540 persons at the conference, and Finland and Israel were new countries admitted. Central office of the organization, to be known as Committee International Eclairage (C.I.E.), will remain in New York, and meetings will be held hereafter at four- instead of three-year intervals.

The new president of the **International Union of Pure and Applied Chemistry** is Arne Tiselius, Swedish biological chemist who was a Nobel prize winner in 1948. Roger Adams, of the University of Illinois and 1950 president of the AAAS, was named a vice

president-at-large, as were Endre Q. Berner (Norway) and Arthur Stoll (Switzerland). Vice presidents and section chairmen elected were E. W. R. Steacie (Canada), physical chemistry; Pierre Jolibois (France), inorganic chemistry; Paul Karrer (Switzerland), organic chemistry; C. J. Van Nieuwenberg (Netherlands), analytical chemistry; Leslie H. Lampitt (Great Britain), applied chemistry; and E. C. Dodds (Great Britain), biochemistry. The union, which will meet next year in Sweden, voted to readmit Japan and to grant membership to New Zealand and Western Germany.

The **World Medical Association**, meeting in Stockholm for its fifth congress, elected the Swedish physician Dag Knutson president for 1952, succeeding Elmer L. Henderson, of Louisville, Ky.

Miscellaneous

Chemicals wanted by the Registry of Rare Chemicals, 35 W. 33rd St., Chicago 16, Ill., are: potassium fluostannate; titanium difluoride; chromium carbonyl; tantalum silicide; trichlorogermane; 5-bromosalicylaldehyde; 4-amino-2-hydroxy-n-valeric acid; allylacetyle; 3,4-dihydroxyphenylacetic acid; N-acetylcysteine; cis-aconitic anhydride; 2-chloropiperidone; 4-(3-hydroxyphenyl) butylamine; *p*-hydroxystyrene; 1,5-hexadiyne; D-mannuronic acid; opianic acid; leucylglycine; turanose; and thyronine.

Among new journals received by *SCIENCE* is the **Journal of Geomagnetism and Geoelectricity**, published in English by the Society of Terrestrial Magnetism and Electricity in Kyoto, Japan. Two issues were published in 1949 and three in 1950. It is planned as a quarterly. **Laboratoires** is a new quarterly review in French and English of French instrument and technical developments. The first issue appeared in the second quarter of this year. The first number of **Meteoros**, a quarterly of the National Meteorological Service, Buenos Aires, appeared in January 1951. **Vacuum**, an English quarterly, will review developments in vacuum research and engineering. The January 1951 issue (Vol. 1, No. 1) contained 27 pages of abstracts in addition to special articles. Other new journals announced, but not yet being published, include **The Journal of Rational Mechanics and Analysis**, to be published by the Institute for Applied Mathematics at Indiana University, and a multilingual **International Journal of Metal Science**, plans for which will be completed at the World Metallurgical Congress in Detroit this month.

The **Society of Automotive Engineers** (Detroit Section) has announced the Henry Ford Memorial Award. Any SAE member under 33 years of age is eligible to compete. Competition is by means of original papers that have been presented to, or are suitable for presentation to, an SAE meeting. Members interested in the competition may write directly to the Detroit Section, Society of Automotive Engineers, 100 Farnsworth, Detroit 2, Mich.