

News and Notes

Scientists in the News

Harry W. Afflerbach has been appointed director of research at Ingram-Richardson Mfg. Co. of Indiana, Frankfort. Mr. Afflerbach succeeds **Clark Hutchison** who resigned recently.

Alfredo Barrera-Vasquez, former professor at Tulane University, has joined the Secretariat of Unesco in Paris. His principal responsibility will be a study of methods of combating illiteracy in multilanguage countries, especially those in which large portions of the population speak other than the official languages. His first task will be to prepare for a meeting of 15 educators from Asia, Latin America, and Africa to be held in November at Unesco House. Prior to going to Tulane in 1949, Dr. Barrera-Vasquez headed Mexico's institute for the teaching of literacy to monolingual Indians.

Jeane S. Beeman has joined the ONR as assistant to Freeman H. Quimby, head of the Physiology Branch. She was formerly with the National Cancer Institute as a biologist. **Marguerite Young**, research psychologist, has become assistant to John T. Wilson, head of Personnel and Training, Human Resources Division. She was formerly with NRL.

Jorgen Kristian Frederick Bornvig, civil engineer with the National Testing Institute, Copenhagen, arrived in the U. S. on March 15, to study the chemical analysis of metals under the auspices of the Technical Assistance Program. Mr. Bornvig's schedule includes a study of ore and mineral analysis by spectrographic means at the Geological Survey Laboratory, and of spectrography, spectrophotometry, fire assaying, and potentiometry at the National Bureau of Standards.

James Harrington Boyd has been appointed visiting professor of chemical engineering at the Columbia University School of Engineering. Dr. Boyd, who will teach in the spring session, is a specialist in the commercialization of chemical research and its coordination with manufacturing and sales. During the war, he participated in the synthetic rubber program.

E. M. Crowther, head of the Chemistry Department, Rothamsted Experimental Station, is studying soil and fertilizer research under the auspices of ECA at the USDA Plant Industry Station, TVA, and several of the land-grant colleges.

T. Z. Csaky, of Duke University School of Medicine, has joined the staff of the University of North Carolina School of Medicine as assistant professor of pharmacology.

Maurice Ewing, professor of geology at Columbia and specialist in the investigation of the bottom of the Atlantic Ocean, will deliver the 1951 Westbrook Free Lecture of the Wagner Free Institute of Science,

Philadelphia, on "Exploration of the Atlantic Ocean Basin." The lectureship was founded in 1912 under the terms of the will of Richard B. Westbrook.

The secretary-general of the South Pacific Commission, **W. D. Forsyth**, plans to relinquish his post and return to Australia. The Australian government made Mr. Forsyth's services available to the commission in 1948. His extended leave from the Australian External Affairs Service expires this year. Mr. Forsyth was counsellor at the Australian Embassy in Washington and Australian representative on the Trusteeship Council at Lake Success at the time of his appointment. **F. L. Hunt** retired on November 28 as deputy secretary-general, and **J. Ryan** of the commission staff has been appointed acting deputy secretary-general pending the selection of a permanent appointee.

James M. Hamilton has been named head of the Division of Plant Pathology, New York State Experiment Station, Geneva, by the Board of Trustees of Cornell University. Dr. Hamilton succeeds **Otto A. Reinking**, who retired in April 1950, and has been associated with the station at Geneva since 1930.

Elmer L. Henderson, surgeon, Louisville, Ky., was unanimously elected president of the new American Medical Education Foundation, which is raising funds within the medical profession for the unrestricted use of the nation's medical schools. Dr. Henderson is also president of the American Medical Association and of the World Medical Association.

Among recent visitors the Agricultural Research Administration mentions **Guiseppe Jannone**, director of Italy's Plant Disease Laboratory, and **Oivind Haugen**, professor of engineering, and head of Norway's Agricultural Engineering Institute.

H. Fraser Johnstone, head of the chemical engineering division, University of Illinois, and **Mott Souders, Jr.**, director of chemical engineering research, Shell Development Co., have been appointed to the advisory board of the chemical engineering series of text and reference books published by the McGraw-Hill Book Co. This series, originally outlined in 1925 by a committee of 12 educators and industrialists, now includes 31 titles.

William J. Kelley has been appointed a consultant on industrial relations and manpower in the Department of Defense. Father Kelley is a former chairman of the New York State Labor Relations Board and a member of the panel of arbitrators of the Federal Mediation and Conciliation Service. He is professor of social philosophy at the Oblate House, Catholic University, Washington.

Carney Landis, professor of psychology, Columbia University, and principal research psychologist, Psy-

chiatric Institute, has been appointed Walker-Ames visiting professor of psychology at the University of Washington for the spring quarter.

On sabbatical leave, **Herbert L. Mason**, professor of botany and director of the herbarium, University of California, Berkeley, is conducting some research at the University of Nebraska. During his visit he will deliver two public lectures in his specialized fields of taxonomy, paleobotany, and plant geography.

Columbia University has appointed **Philip E. Mosely**, professor of international relations, as director of its Russian Institute. He succeeds **Geroid T. Robinson**, who resigned to devote more time to teaching and research. Dr. Mosely has been on the staff of the institute since it was organized five years ago.

John G. Munson, who since 1939 has been Vice President—Raw Materials, U. S. Steel Company, has recently retired, but his services in an advisory capacity will be available. The position of Vice President—Raw Materials, has not yet been filled, but the engineering and raw materials function for the time being will be under the direction of **M. W. Reed**, an executive vice president. The discovery of the Cerro Bolivar iron ore deposits in Venezuela and the development of beneficiation methods for treating Minnesota taconite ores were outstanding achievements scored by U. S. Steel during Mr. Munson's term as vice president. He had previously served as president of Michigan Limestone and Chemical Company and Bradley Transportation Company.

John Paul Nafe, on sabbatical leave from Washington University, St. Louis, is a visiting professor of psychology at the University of Texas for the spring semester.

Recent visitors at the National Bureau of Standards were **Matsujiro Oyama**, professor of electrical engineering, University of Tokyo; **Saburo Kumagai**, professor of telecommunications, University of Osaka; **Yoshio Fujioka**, professor of physics, Tokyo University of Education; **D. Sharma**, lecturer in physics, University of Allahabad; and **Heimo Kautonen**, architect, Ministry of Works, Helsinki.

Thomas A. Perls recently joined the staff of the National Bureau of Standards in the Office of Basic Instrumentation. He is engaged in basic research on such projects as pneumatic instruments (measuring instruments based on critical flow through nozzles and orifices) and spring transducers (springs which, when pulled apart, separate progressively instead of simultaneously, thus providing means for conversion of mechanical displacement into a change in electrical resistance). Dr. Perls came to this country from Germany in 1939 and entered Yale University as a physics student. He began research at the David Taylor Model Basin in 1945, becoming head of the instrument development section in 1948.

ARA recently enjoyed a visit of a large delegation

of Turkish scientists, most of whom are connected with the Ministry of Agriculture. Among them were **Talat Vardar**, **Ali Bulat**, **Cemalettin Omurtag**, **Ahsen Adaoglu**, and **Mustafa Durusoy**.

O. H. Wansbrough-Jones, formerly scientific adviser to the Army Council, has been appointed principal director of scientific research (defense) at the British Ministry of Supply.

Frederick P. Willcox, of Washington, D. C., has been named vice president and director of research of Fairchild Camera and Instrument Corporation. For the past two years Mr. Willcox has served as consultant to the government in Washington, as well as to Fairchild, for which he has developed specialized equipment, including a series of high-speed aerial camera shutters that give exposure intervals as brief as 5/10,000 second.

Hurd C. Willett, of MIT, has received the award of the American Meteorological Society for his contributions to synoptic meteorology. The society also honored **Henry S. Shaw**, of Westport, Maine, an amateur meteorologist, and commended *House Beautiful* magazine "for the far-reaching and highly stimulating work initiated through its climate control project."

Colleges and Universities

A center of Pakistan studies is being developed at **Columbia University** as part of the projected Near and Middle East Institute, the first part of which was opened last fall as a center for Israeli studies. The Pakistan government has pledged an annual grant to support the studies.

The Escuela de Bellas Artes is now an official part of the new Instituto Allende, of Mexico's **University of Guanajuato**.

The **Economic Cooperation Administration** will bring 40 students from Formosa and Free China to the U. S. for a year's training in agriculture, engineering, public health, and the natural and social sciences. After their training here they will be expected to continue their work in their native countries.

During its Summer School for American Students, the **University of Oslo** will hold a special Institute for English-speaking Teachers (June 23–August 4). Besides a general survey of Norwegian culture, a course on the education system of Norway is planned. In honor of the Nobel peace prize winner, several Norwegian firms have donated a Ralph Bunche Scholarship Fund to the summer school. At least two of the four 1951 scholarships will probably be awarded to American Negro students. Inquiries regarding the teachers institute should be addressed to Oslo Summer School Admissions Office, St. Olaf College, Northfield, Minn.

In addition to a Conference on Science in General Education to be held at **Harvard** July 9–11, the

Summer School will offer "History of Modern Science, 18th to 20th Centuries" (I. Bernard Cohen); "Philosophy of Modern Science" (Philipp G. Frank); and "Field and Laboratory Work in Biology" (Albert E. Navez).

The elevation of **Rhodes University College**, Grahamstown, to full university status early in March brings to a total of eight the teaching universities in South Africa—four English and four Afrikaans. J. H. Viljoen, minister of education, arts, and science, Eric Louw, minister of economic affairs, and B. J. Schonland, former president of the Council for Scientific and Industrial Research, participated in the inaugural ceremonies.

A fund of \$4,800,000 has been authorized to provide new buildings for the **University of Tennessee** medical units. Six existing buildings will be remodeled. The expansion program will also enable the College of Medicine to admit 200 new students each year instead of 140.

The **University of Wyoming** will hold its regular summer field courses in zoology, geology, and botany at its Science Camp in the Medicine Bow Mountains, June 18–July 21. Laboratory space for professional workers may be procured without charge; the only charge is for board and room. Further information may be obtained from the camp director, S. H. Knight, University of Wyoming, Laramie.

Fellowships

Allied Chemical & Dye Corporation has renewed its awards of 31 graduate fellowships in 24 universities, colleges, and institutes of technology for the academic year 1951–52. Mainly in the fields of chemistry and chemical engineering, the fellowships have been offered to the University of California, Caltech, Carnegie Tech, Chicago, Columbia, Cornell, Duke, Harvard, Illinois, Iowa, McGill, MIT, University of Michigan, Minnesota, Northwestern, Ohio State, Penn State, University of Pennsylvania, Brooklyn Polytechnic, Princeton, Purdue, Syracuse, Wisconsin, and Yale.

The **Oak Ridge Institute of Nuclear Studies**, which is administering the Atomic Energy Commission's fellowship programs for 1951–52, has announced the personnel of the nine-man fellowship board that will select AEC-sponsored fellows: George B. Pegram, chairman; and George H. Boyd, Robert G. Brode, Detlev W. Bronk, Leland J. Haworth, Warren C. Johnson, Homer W. Smith, Elvin C. Stakman, and Douglas Whitaker. The board met in Oak Ridge March 20–21 and selected more than 200 fellows from 586 applicants. Notices were mailed on March 30.

Du Pont is making a regular gift of \$15,000 for five years to establish an annual research professorship in chemistry at Harvard in the name of Wallace Hume Carothers, inventor of nylon, who died in 1937. Each Carothers professor will be enabled to devote

his full time for one year to directing research in chemistry at the postgraduate and postdoctoral level. First Carothers professor will be E. Bright Wilson, Jr., who will continue as Theodore W. Richards professor of chemistry. His work has centered on the study of quantum mechanics in chemistry.

Meetings and Elections

The **American Society of Tool Engineers** elected J. J. Demuth president at its annual meeting in New York. L. B. Bellamy, Roger F. Waindle, and T. J. Donovan, Jr., were elected vice presidents; W. A. Thomas, secretary; H. C. McMillen, treasurer; and H. B. Osborn, Jr., assistant secretary-treasurer.

A conference supported through a \$2,000 gift from the Wenner-Gren Foundation will be held at **Northwestern** May 17–19. Limited to the 20 specialists in human behavior problems who will be members of the conference, the program will have one lecture open to the public, which will include a discussion by an anthropologist and a psychiatrist on "What We Know and What We Don't Know." Ralph Linton, Bryce Boyer, and Otto Klineberg are among those who will participate in the meeting. Francis L. K. Hsu is chairman of the committee on arrangements.

New officers of **The Electrochemical Society**, who will take office at the Washington meeting, are Ralph M. Hunter, president, and Marvin J. Udy, vice president. Henry B. Linford, of Columbia University, and E. G. Widell, of RCA, will continue as secretary and treasurer, respectively.

The **Federation of American Societies for Experimental Biology** will offer a placement service, April 28–May 3, at its Cleveland meetings in the Public Auditorium. Registration of applicants is scheduled for Saturday and Sunday, registration of employers from Sunday until Tuesday, and interviews Monday through Thursday. Advance registrations will be accepted at the Washington office, 2101 Constitution Ave., Washington 25, until April 15. Applicants already registered must notify that office by April 15 so that their records may be taken to Cleveland.

A symposium on Pacific research, sponsored by the **Hawaiian Academy of Science**, was held in Honolulu March 9–10. Addresses were given by L. D. Bayer, who presided, Peter H. Buck for the Bernice P. Bishop Museum, K. C. Leebriek for the South Pacific Commission, Harold J. Coolidge for the NRC Pacific Science Board, and Loring G. Hudson for the Pacific Science Council Secretariat. Brief reports of research also were given by representatives of a dozen governmental and private scientific institutions present in Hawaii. About 130 scientists, grouped into 11 committees, then reviewed what scientific work had been and is now being done in the Pacific, and formulated recommendations for future work. At the final session, more than 150 recommendations were approved by the combined group. The committees covered geology, geophysics, hydrology, meteorology, oceanog-

raphy, zoology, entomology, conservation, museums in Pacific research, soil survey, land classification, crop improvement, soil management, animal improvement, anthropology, social sciences, health, and nutrition. Both papers and recommendations will be published in the *Proceedings* of the Hawaiian Academy of Science.

Miscellaneous

The **Festival of Britain**, May 3 through September, will celebrate Britain's contribution to civilization in science and technology, the arts, architecture, and industrial design. Science's part in the festival will consist of a number of officially organized exhibitions, of conferences and special activities arranged by the learned societies and institutions. *The South Bank Exhibition (London)* will emphasize British contributions to civilization, examples being selected chiefly from science, technology, and industrial design. A special feature will be the Dome of Discovery, where British initiative in discovery will be shown to be a continuing world force, extending not only over the earth and oceans but into the heart of the atom and outward to the extremes of the universe itself. The *Exhibition of Science (South Kensington)* has a more limited theme—present-day knowledge of the inner structure of matter, both living and inert. The displays will show what is now known of the inner structure of the atom and of the living cell, how substances are built up, and how animals and plants grow. A Stop Press section will display some of the lines on which contemporary research is proceeding. The *Exhibition of Industrial Power (Glasgow)* will be concerned with heavy engineering and shipbuilding. Its story will follow two sequences—power as originating in coal, and power as originating in water. New forms of display will present a graphic picture of contemporary development, not omitting its human implications. The festival ship *Campania* will contain a smaller version of the South Bank Exhibition. It will coast the British Isles, putting in for short periods at a number of the more important centers of population. Among the organizations arranging other scientific activities are: The Royal Society, British Association for the Advancement of Science, Department of Scientific and Industrial Research, Council for British Archaeology, Building Research Council, Chemical Society, Imperial Institute, Textile Institute, Torry Research Station, Royal Geographical Society, National Rose Society, International Society of Clinical Pathology, Royal Photographic Society, Royal Society of Medicine, and many others.

Chemicals wanted by the Registry of Rare Chemicals, 35 W. 33rd St., Chicago 16, are: iron dithionate; magnesium saccharate; aluminum methionate; strontium perchlorate; copper selenide; 2,2'-biquinoline; *p*-hydroxybenzophenone; salicylalazine; 2,4,6-trichlorobenzaldehyde; 2,3,4-trichlorobenzaldehyde; 2,3,4,6-tetrachlorobenzaldehyde; trisilane; 4-aminobutanal; 1,5-dihydroxyanthracene; 4'-methoxy-2,4-diaminoazobenzene; 1,4-diaminopentane; tribromofluoromethane; fabiatriin; scopolin; and tibatin.

Recent Deaths

Theodore J. Abbott (78), physician, Cornwall-on-Hudson, N. Y., Mar. 1; **William Fitch Allen** (75), anatomist, Portland, Ore., Mar. 11; **Henry L. Banzhaf** (85), dean emeritus, Marquette Dental School, Milwaukee, Mar. 6; **Samuel L. Bauer** (47), pediatrician, Cincinnati, Feb. 18; **King Chu** (63), educator, Hartford, Conn., Mar. 9; **Lennie P. Copeland** (69), mathematician, Wellesley, Mass., Jan. 11; **Harry S. Crossen** (82), gynecologist, St. Louis, Mar. 10.

John J. Decker, surgeon, Albany, N. Y., Feb. 23; **Eginhard Dietze** (59), electrical engineer, Bradenton, Fla., Feb. 25; **A. Wilmer Duff** (86), physicist, Worcester, Mass., Feb. 24; **Edison J. Emerick** (87), neurologist, Winter Park, Fla., Feb. 25; **James Bruce Ferguson** (83), nose and throat specialist, Toronto, Feb. 28; **John Francis Gallie** (37), geologist, New York City, Jan. 12; **Henry Solon Graves** (79), forester, Brattleboro, Vt., Mar. 7.

Thomas Harvey Haines (79), psychologist and psychiatrist, Montclair, N. J., Mar. 2; **William D. Harkins** (77), chemist, Chicago, Mar. 7; **Harry C. Hensley** (61), agricultural economist, Washington, D. C., Mar. 10; **J. Gardner Hopkins** (68), bacteriologist, New York City, Feb. 27; **Cheng-Yang Hsu** (53), physicist, Hampton, Va., Feb. 17; **Richard F. McCoart** (60), surgeon and gynecologist, Providence, R. I., Feb. 25; **Johannes Mattfeld** (56), taxonomist, Berlin, Jan. 19; **George A. Miller** (87), mathematician, Champaign, Ill., Feb. 10; **Edmund Rich Morton** (54), electrical engineer, Brooklyn, N. Y., Feb. 20.

William R. Nicholson (82), gynecologist, Philadelphia, Feb. 18; **Calvin Gates Page** (83), bacteriologist, Boston, Feb. 25; **Chang Po-ling** (76), educator, Tientsin, China, Feb. 27; **Harvey Lee Price** (76), horticulturist, Ingomar, Pa., Feb. 18; **James W. Price** (74), tuberculosis specialist, Saranac Lake, N. Y., Feb. 24; **George S. Reiss** (57), surgeon, Long Beach, L. I., N. Y., Mar. 2; **J. F. Ritt** (57), mathematician, New York City, Jan. 5; **Aimar H. Rollefson** (49), physicist, Houston, Tex., Feb. 18.

Edward H. Schulz (78), Colonel, U. S. Engineers, Berkeley, Cal., Mar. 3; **Irving J. Seskis** (52), pharmacist, New Orleans, Mar. 5; **Hermon L. Slobin** (67), mathematician, San Diego, Cal., Feb. 22; **George Milton Smith** (71), surgeon, Pine Orchard, Conn., Feb. 26; **Henry Louis Smith** (91), physicist, Greensboro, N. C., Feb. 27; **W. Wallis Smith** (64), physician, Miami, Mar. 4; **Fred H. Sterns** (63), anthropologist, East Meadow, L. I., N. Y., Mar. 7; **Oliver S. Strong** (86), neurologist, Hartford, Conn., Feb. 22; **Douglas A. Thom** (63), child psychiatrist, Boston, Feb. 23; **Gideon Timberlake** (73), urologist, St. Petersburg, Fla., Mar. 1; **Harry M. Weeter** (63), pathologist, Louisville, Ky., Feb. 25; **Ward Benjamin White** (66), food chemist, Washington, D. C., Feb. 24; **William H. White** (58), entomologist, Washington, D. C., Mar. 14; **Fred M. Zeder** (64), engineer, Miami, Feb. 24.