

"I must say this: I think Mr. Fleming should entertain himself in some other manner than attacking these requirements which were approved and passed by the Congress of the United States, and signed by the President.

"We are representatives of the people and we, likewise, are servants like the rest. So I am not so fond of Mr. Fleming's attack. If he has a suggestion, to make about it, the committee is the proper place to do it and not shower that kind of stuff on members of Congress who are doing the best they can to safeguard and protect this country from every type of enemy or termite that might relish an opportunity to dig from within."

Australian Atomic Institute

The inaugural meeting of the Australian Institute of Nuclear Science and Engineering was held on 4 December at the headquarters of the Australian Atomic Energy Commission, Coogee, New South Wales.

At the meeting, the institute formally came into being when its constitution was unanimously adopted by its founding members, comprising every Australian university and the commission. Through the institute, the commission will allow universities to use nuclear research reactor HIFAR and other equipment and facilities at the Lucas Heights Research Establishment which is near Sydney. The institute will be managed by a council of commission and university representatives and a small permanent secretariat. The council, through the secretariat and in association with the commission, will organize research projects and training courses for university staff members and students at Lucas Heights.

The Commonwealth Government has provided £60,000 for a headquarters building at Lucas Heights. This will include a lecture hall, study rooms, and offices and will be ready for occupation by mid-1959.

The objectives of the institute, as set out in the rules adopted by the inaugural meeting, include the carrying out of research and investigations in connection with matters associated with uranium or atomic energy; arrangements for the training of scientific research workers and the establishment of scientific research studentships and fellowships in matters associated with uranium or atomic energy; the collection and distribution of information relating to uranium or to atomic energy; the publishing of scientific and technical reports, periodicals, and papers in connection with the activities of the institute and other similar activities.

The meeting elected as first president

of the institute, D. O. Jordan, professor of physical and inorganic chemistry at the University of Adelaide. Vice-presidents will be representatives of the universities of Melbourne and New South Wales.

News Briefs

The Atomic Energy Commission has established an awards program for outstanding top-management contractor employees upon their retirement. Its purpose is to formally recognize noteworthy performance and length of service. The award will be a parchment scroll. It will be given to management employees who have performed outstanding service under an AEC contract for an extended period of time and who retire from the contractor organization while they are still engaged in AEC work.

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The National Broadcasting Company's television program on weather, "The Unchained Goddess," is being repeated on 22 March. This hour-long Bell System program, which was directed by Frank Capra, explains weather fundamentals with the help of animated characters and charts. Meteorologists Bernhard Haurwitz and Morris Neiburger were technical advisers.

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The Columbia University School of Engineering's new program of college-level science courses for gifted high-school students, inaugurated last fall, has met with such success that plans are under way to make it permanent if sufficient financial support is forthcoming. An expanded class, with possibly a dozen high-school science teachers as observers, is in prospect for the 1959-60 academic year. High schools within commuting distance of New York may nominate students during the spring.

Scientists in the News

JAMES B. CONANT, chemist and president emeritus of Harvard University, has been presented the 1959 Tuition Plan Award for outstanding service to education, in tribute to his 2-year study of American high schools. The award was presented before an assemblage of education leaders at the organization's 19th annual luncheon forum at the Sheraton-East Hotel in New York.

Conant was cited for his "very special service to education" through what has been termed the most extensive examination of the American high school ever made. The findings of his study, financed by grants of \$370,000 from the Carnegie Corporation, are detailed in his formal report, *The American High School Today*.

WILLARD F. LIBBY, scientist member of the U.S. Atomic Energy Commission who recently announced that he will resign in June, received Dickinson College's annual \$1000 Priestley Memorial Award on 19 March. Libby, a nuclear chemist, was the first to find carbon-14 atoms in nature. He is the founder of radiocarbon dating.

GEORGE E. UHLENBECK, professor of theoretical physics at the University of Michigan and codiscoverer with Samuel E. Goudsmit of Brookhaven National Laboratory of electron spin, has been elected president of the American Physical Society. He succeeds JESSE W. BEAMS, professor of physics at the University of Virginia.

R. WINSTON EVANS, pathologist in the department of clinical pathology at the University of Liverpool, England, has been named visiting professor of pathology at the University of Chicago. He is the author of *Histological Appearances of Tumours*.

NORMAN KRETCHMER, associate professor of pediatrics at Cornell University Medical School, has been appointed head of Stanford University's pediatrics department, effective 1 July. He will succeed ROBERT H. ALWAY, dean of Stanford University Medical School. RUTH T. GROSS, associate professor, has been acting head of the pediatrics department for the past 2 years.

A competition designed to encourage improvement of apparatus for physics teaching was held at the recent annual meeting of the American Association of Physics Teachers in New York, under the sponsorship of the association's committee on apparatus and with the support of the W. M. Welch Scientific Co.

The first prize of \$500 in the lecture-demonstration category was won by HAROLD M. WAAGE, of the physics department at Princeton University, for a beat analysis using an optical pendulum.

The first prize of \$500 in the laboratory category was won by WILLIAM M. WHITNEY and ROBERT G. MARCILEY, both of the physics department of Massachusetts Institute of Technology; for air-suspended collision disks for studying conservation of momentum.

CLARE P. STANFORD, formerly of the Westinghouse Electric Company's Atomic Power Division, has been appointed chief of the engineering department in the nuclear division of the Martin Company, Baltimore, Md. He succeeds J. A. HUNTER, who has been assigned to the office of the vice-president for engineering.

GORDON E. DUNN, Weather Bureau meteorologist in charge of the Miami Hurricane Forecast Center, has received a gold medal citation for his contributions to the field of hurricane warnings. The citation was presented at the 11th annual Awards Program of the U.S. Department of Commerce, Washington, D.C.

DORSEY E. HOLTKAMP, senior research scientist with Smith, Kline and French Laboratories, Philadelphia, Pa., has been appointed head of the department of endocrinology of the Wm. S. Merrell Company, Cincinnati, Ohio.

JOHN M. BLOCHER, Jr., for 12 years a member of the research staff at Battelle Memorial Institute, Columbus, Ohio, has been appointed chief of the institute's division of inorganic chemistry and chemical engineering.

JOHN R. BEEM, assistant professor of medicine and director of the hypertension renal section at Hahnemann Medical College and Hospital, Philadelphia, Pa., has been appointed director of clinical research at the Warner-Lambert Research Institute, Morris Plains, N.J.

JOSEPH E. RALL, chief of the clinical endocrinology branch of the National Institute of Arthritis and Metabolic Diseases, Bethesda, Md., has received the Arthur S. Flemming award. He was cited for research which has provided new information on the chemistry of the hormones secreted by the thyroid gland and on the effects of these hormones on tissues.

MERVIN J. KELLY and WALTER H. FREYGANG were presented the 1959 Stevens Honor Awards at the annual dinner of the alumni association of the Stevens Institute of Technology, which took place on 26 February in New York. Kelly is chairman of the board of Bell Telephone Laboratories, and Freygang is president and director of the Kidde Manufacturing Company.

HARRY HARLOW of the University of Wisconsin will discuss "The Intellectual Development of the Infant Monkey" as a Sigma Xi national lecturer at a number of colleges and universities during March and April.

RUTH FOX, psychoanalyst, has been named medical director of the National Council on Alcoholism, 2 E. 103rd St., New York. Dr. Fox performed pioneering research on the use of Antabuse.

ALFRED S. EVANS, director of the preventive medicine section of student health and associate professor of medical microbiology at the University of Wis-

consin Medical Center, has been appointed chairman of the newly established department of preventive medicine and director of the State Laboratory of Hygiene. He succeeds WILLIAM D. STOVALL as director of the hygiene laboratory. Stovall, who has headed the unit for more than 30 years, will serve as acting director until 1 September to allow Evans to study epidemiology and public health at the University of Michigan School of Public Health.

JOSEF BROZEK, associate professor in the Physiological Hygiene Laboratory at the University of Minnesota, has been named head of the department of psychology at Lehigh University. He succeeds NATHAN B. GROSS, associate professor of psychology, who has been acting head of the department since 1957.

Also at Lehigh, H. RICHARD GAULT, professor of geology, has been named head of the department, effective 1 July. He will succeed BRADFORD WILLARD, who has been department head since 1939.

WILLIAM KAUFMAN of Bridgeport, Conn., American editor-in-chief of the *International Archives of Allergy and Applied Immunology*, has been elected a fellow of the Royal Society of Medicine (England).

PAUL C. BEAVER, professor of parasitology at Tulane University Medical School and a member of the faculty since 1945, has been named to Tulane's William Vincent professorship in tropical diseases and hygiene. He succeeds the retiring ERNEST C. FAUST, who will continue as field coordinator of the Tulane consultant program with the seven medical schools in Colombia, South America.

AKSEL A. BOTHNER-BY has been appointed assistant director of research of Mellon Institute, Pittsburgh, Pa. In his new position he will devote himself principally to the institute's fundamental research program, with primary responsibility for organic chemistry. He will continue to participate in research in theoretical organic chemistry and nuclear magnetic resonance. Bothner-By joined the Mellon research staff last year.

Also at Mellon Institute, WILLIAM C. HUNT has been appointed to the newly created post, head of scientific relations. He has been administrative fellow of the H. H. Robertson Company's Protected Metals Fellowship since 1956. In his new capacity he will provide administrative assistance to the institute's research directors by coordinating relations with sponsors of the fundamental research program.

Recent Deaths

WILLIAM M. COOPER, New York; 64; specialist in vascular surgery and circulatory diseases; former adjunct professor of surgery at Polyclinic Hospital; 16 Feb.

FREDERICK I. DESSAU, Grand View, N.Y.; 49; head pathologist at Lederle Laboratories; educated in Germany; came to the United States in 1938, where he did research work at Yale and Harvard medical schools; joined Lederle in 1943; 23 Feb.

THOMAS L. ECKERSLEY, London, England; 72; research scientist with the Marconi Company from 1919 until his retirement in 1946; worked on the resistance of transmitting aerials and later directed a research team that carried out many pioneering investigations of the ionosphere; 15 Feb.

LUIGI EMANUELI, Milan, Italy; 75; vice chairman of Pirelli, Italy's leading manufacturer of tires and submarine cables; joined Pirelli in 1907 as research engineer in the cable department; designed the first length of oil-filled cables for the insulation of high-voltage electric current and made many improvements in submarine telephone cables; 17 Feb.

ANDREW J. MOYER, St. Petersburg, Fla.; 59; microbiologist with the U.S. Department of Agriculture since 1929; devised methods for producing an increase in the yields of penicillin; 18 Feb.

Sir OWEN W. RICHARDSON, London, England; 79; director of research in physics at King's College, London University, 1924-44; winner of the Nobel Prize for physics in 1928; 15 Feb.

PIERRE RYCKMANS, Brussels, Belgium; member of the Belgian Atomic Energy Commission and a pioneer in nuclear energy development; played an important role in the establishment of the International Atomic Energy Agency; 20 Feb.

MATTHEW TAUBENHAUS, Chicago, Ill.; 55; vice chairman of the department of medicine at Michael Reese Hospital, Chicago; before joining the hospital in 1939, practiced internal medicine in Vienna, Austria; 16 Jan.

SEYMOUR D. VESTERMARK, Washington, D.C.; 56; chief of the training branch of the National Institute of Mental Health from 1948 to 1958; participated in a pioneer field investigation of the epidemiology of mental disorders in Lexington, Ky.; 23 Feb.

ERNST K. WINTER, Tappan, N.Y.; 63; professor of sociology at the University of Vienna since 1955; professor of sociology and social philosophy of the Graduate School at the New School for Social Research, 1938-55; vice mayor of Vienna from 1934 until 1938, when he left Austria and came to the United States; 4 Feb.