

be original contributions to learning—may deal with the ideas and accomplishments of scientists in the past; they may trace the evolution of particular scientific concepts; or they may study the historical influences of one branch of science on another. The phrase “cultural influences” is taken to include studies of the social and historical conditions that have influenced the growth of science, or the effects of scientific developments on society in the realms of philosophy, religion, social thought, art and literature, economic progress, and so forth. Essays dealing with medical subjects are not acceptable, although papers dealing with the relationships between medicine and the natural sciences will be welcomed.

Papers submitted for competition should be sent to the chairman of the prize committee, Prof. Charles C. Gillispie, Department of History, Princeton University, Princeton, N.J. Papers must be received *on or before 1 June*.

In the Laboratories

■ Nearly 4000 curies of cobalt-60 has been installed at the General Mills Research Laboratories, Minneapolis, Minn., to be used in studies of foods and chemicals. The material was shipped by truck from the Oak Ridge National Laboratory in a 6000-pound lead container.

The only major cobalt source in the area and one of the largest in the country, its radiation energy is equivalent to about 6000 grams of radium. The cobalt will be kept submerged under a shield of 12 feet of water in a 4- by 6-foot well. Material to be irradiated will be placed on the bottom of the well adjacent to the cobalt.

Installation of the material involved lowering the 3-ton lead container through a hatch in the roof of a small building built over the well, and to the bottom of the well. Then, six stainless steel “pencils,” $\frac{1}{2}$ inch in diameter and 9 inches long, each containing 56 cobalt disks, were removed from the container and placed in mechanical holders in the well. When it is necessary to remove the water from the well, as for maintenance or repair work, the cobalt pencils may be lowered into a 3-inch stainless steel pipe that extends another 12 feet below the bottom of the well.

■ Assignment of additional development and production work to the Atomic Energy Commission’s Mound Laboratory in Miamisburg, Ohio, will require about \$1,300,000 in new equipment and plant changes, as well as increased employment. Advance notices will be sent to prospective bidders asking for sealed proposals on the construction work as soon

as plans and specifications are available.

Since its establishment in 1948, Mound Laboratory has been operated for the AEC by Monsanto Chemical Company. The laboratory will continue to conduct classified research on production processes in the nuclear field and will undertake development and production in another field.

■ On 1 Feb. Lucius Pitkin, Inc., metallurgical chemists and consultants, New York, took over the operation of the Atomic Energy Commission’s domestic uranium ore buying program for the western United States. The 160 persons who have been working on the program remained in their positions but changed employers. The group’s responsibilities include the buying, receiving, weighing, sampling and assaying of domestic uranium and vanadium ores and concentrates in all western states.

Ore buying stations are scattered in strategic locations in the radioactive minerals country at Monticello, Marysville, Moab and White Canyon, Utah; Edgemont, S. Dakota; Globe and Tuba City, Ariz.; Riverton, Wyo.; and Grants, N.M. In addition to operating these stations Pitkin is operating the concentrate sampling plant and assaying laboratory at Grand Junction, Colo.

■ The Atomic Energy Commission’s Isotopes Division has been placed under the Division of Civilian Application and has been designated the Isotopes Extension. The Isotopes Extension will remain at Oak Ridge, Tenn., and Paul C. Aehersold will continue as director.

Miscellaneous

■ Papers and abstracts of the conference for management on “The place of the atom in your business,” which was sponsored by the Cleveland Engineering Society in December in conjunction with the Nuclear Congress, are now available from the society in the form of a special issue of *Cleveland Engineering*. At the conference eight authorities considered how far and in what direction industry should move in the atomic field.

The speakers were Lewis L. Strauss, Clinton P. Anderson, Charles Robbins, Eugene Zuckert, L. R. Zumwalt, Richard S. Morse, A. W. Meyer, and O. B. Falls, Jr. Copies of the special issue may be ordered from the Cleveland Engineering Society, 2136 E. 19 St., Cleveland 15, Ohio, and will be available in any quantity at \$1 a copy.

■ The Air Force Armament Center at Eglin Air Force Base is at present expanding and there is urgent need for physicists, mechanical engineers, ballistic

experts, and, especially, electronic engineers. The center has recently been given the responsibility for the development of aerial munitions, including guns, bombs, rockets, fuzes, guided missile warheads, and related equipment, exclusive of nuclear weapons.

The positions that are available are primarily for those qualified for Civil Service grades between and including GS-5 and GS-14. Applicants chosen in these grades may expect to receive from \$3,670 to \$10,320 annually. Interested persons should send a standard Federal employment Form 57 to the Civilian Personnel Office, 3201st Air Base Wing, Eglin Air Force Base, Fla.

■ The Microcard Foundation at the University of Wisconsin has announced the publication on microcards of the unclassified reports of the U.S. Atomic Energy Commission from 1947 through 1954. The AEC microcard reports cover nearly 10,000 cards—approximately half a million pages of print. The unclassified reports of AEC for 1955 are now being prepared for card publication. It is expected that they will be available by spring.

■ The Eastern Psychiatric Research Association is a newly organized association of psychiatrists chartered in New York State. The protocol of this new organization’s aims and purposes includes the following: “To initiate, encourage and foster research in psychiatry and related fields of medicine; . . . to stimulate scientific study and research into the nature and development of human behavior; to organize and coordinate public and private research and efforts in the application of sound principles of psychiatric knowledge; . . . to encourage the exchange of scientific knowledge and information in all fields of medicine and especially in the field of psychiatry and mental hygiene.”

The first president is David Impastato of New York; the vice president is Leo Alexander of Boston; and Theodore R. Robie, of East Orange, N.J., is secretary-treasurer. The association will hold four meetings per year, including the annual meeting in October. At that meeting, an incentive prize will be awarded for the presentation of the best scientific report. Official transactions will be published in *Diseases of the Nervous System*.

■ The Upjohn Company, Kalamazoo, Mich., has introduced *SCOPE Weekly*, a new weekly newspaper for physicians. Printed by offset process in tabloid-size format, *SCOPE* carries medical news, feature articles, and illustrations. It presents reports on medical meetings, research laboratories, and medical publishing.