Antonio, Tex.; 56; commandant of the Air Force School of Aviation Medicine; 17 Feb.

EDWIN A. LAWRENCE, Indianapolis, Ind.; 45; professor of surgery and cancer research at the Indiana University School of Medicine; 21 Feb.

JAMES B. MACELWANE, Saint Louis, Mo.; 72; geophysicist and dean of the Saint Louis University Institute of Technology; president of the American Geophysical Union; organizer of the Jesuit Seismological Association; vice president of AAAS section E in 1934; 15 Feb.

MEGHNAD SAHA, Calcutta, India; 62; nuclear physicist; director of the Nuclear Physics Institute; dean of science at Calcutta University; 16 Feb.

HANS J. SCHWARTZ, New York, N.Y.; 79; professor emeritus of dermatology at Cornell Medical School; 15 Feb.

MICHAEL M. WASSERMAN, New York, N.Y.; 73; assistant bacteriologist at Beth Israel Hospital; 20 Feb.

ROLLAND J. WHITACRE, Cleveland, Ohio; 46; president of the American Board of Anethesiology and an internationally known specialist in that field; 16 Feb.

ALFRED M. WYMAN, Lebanon, Conn.; 78; retired civil engineer; 14 Feb.

Education

■ DePaul University, in cooperation with Illinois Institute of Technology, has introduced a combined liberal arts-engineering program. The 5-year program, which will lead to the degrees of bachelor of arts and bachelor of science in engineering, begins next September.

■ Seven professional master's degrees in engineering have been authorized by the Cornell University trustees and will be offered by the Cornell Graduate School in a program beginning next fall. Through an engineering division in the Graduate School, Cornell will grant master's degrees in chemical, civil, electrical, industrial, mechanical, and metallurgical engineering, and in engineering physics. The university will continue to grant M.S. and Ph.D. degrees in engineering.

The professional programs are aimed especially at two groups—graduate engineers employed in industry, and outstanding students just finishing engineering school. For admission a student must hold a bachelor's degree from a recognized school of engineering or science, or have completed 4 years in Cornell's College of Engineering.

A newly created engineering division of the Graduate School, consisting of the graduate faculty in engineering, will have general control over the advanced professional degree work. Each student will work out his program with a faculty adviser in his particular division of interest. Information on the program may be obtained from the Graduate School, Day Hall, Ithaca, N.Y.

■ Physicians from all over the United States are invited to attend an Armed Forces Institute of Pathology postgraduate course on diseases of the heart to be held in Washington, D.C., 14–17 May. The course will be open to a total of 425 civilian and armed services physicians. Civilians who desire to attend may apply to the Director, Armed Forces Institute of Pathology, Washington 25, D.C. Medical men in the armed forces should apply through normal military channels.

■ The American Chemical Society's Examinations Committee has announced two new tests for the 1956 testing program. A new test in organic chemistry, Form MB, has been prepared by the Organic Subcommittee under the chairmanship of Bernard A. Nelson, of Wheaton College. This is a test for the brief courses usually given in one semester.

The General Chemistry Subcommittee under the chairmanship of Donald D. Wright, of Brooklyn College, has prepared a new test in general chemistry, Form M. It consists of a section on information, one on application of principles, and one on equations and problems.

Further information and copies of all the tests may be obtained from Theodore A. Ashford, St. Louis University, St. Louis 4, Mo. These tests are available to members of the faculty of higher educational institutions. Please use official stationery and use the official channels of the college when making inquiries. A limited number of copies of older examinations is also available.

■ A tracer laboratory is being established in Cornell University's zoology department with the help of a $20,000 grant from the National Science Foundation. William A. Wimsatt and his assistants will use the laboratory for detailed studies on the physiological make-up of bats and other mammals. The grant will contribute toward laboratory equipment and a 3-year research program.

One special piece of equipment, designed by Wimsatt, is a portable "cave" for hibernating bats that has a separate section for subjects that have been injected with radioisotopes. The insulated box will have the same 40-degree temperature and high humidity as the natural cave environment. Other laboratory equipment will include Geiger and scintillation counters, facilities for storing radioactive material, and a darkroom for developing autoradiographs.

The Cornell laboratory will be used to study several problems concerning hibernating mammals that have never been thoroughly investigated. One project will be devoted to the connection between the bat's superior resistance to radiation damage and its low metabolic rate during hibernation. Other studies will be on the development of thyroid function in the unborn bat and on the way pregnant mammals transmit immunity against diseases to their offspring.

■ The University of Maryland has announced that the Institute of Acarology's summer session will be held 16 July–3 Aug. The course provides an opportunity for entomologists, parasitologists, zoologists, and advanced biology students to study mites and ticks. For information write to G. Anastos, Department of Zoology, University of Maryland, College Park, Md.

Grants, Fellowships, and Awards

■ The Leukemia Society, Inc., will award grants to support research projects on leukemia for the year 1956–57. Various amounts will be awarded depending upon the requirements of the investigators.

Applications may be made throughout the year; however, in order to be reviewed at the meetings of the selection committee that will take place on 1 June and 1 Sept. they should be received *not later than 15 May* and *15 Aug.*, respectively. For information, write to the Leukemia Society, Inc., 67 Wall St., New York 5.

■ The most serious difficulty encountered by the Russell Sage Foundation in its work for more effective collaboration between the social sciences and the professional services is the scarcity of trained personnel. In order to help meet this shortage, the foundation offers postdoctoral residencies in operating agencies or professional schools for the purpose of providing qualified sociologists, social psychologists, and anthropologists with specialized training and experience relevant to professional practice in health or welfare.

Applicants are eligible for consideration for appointment if they (i) have received the doctorate or will have completed all requirements for the doctorate in sociology, social psychology, or anthropology before the date on which the requested residency is to begin; (ii) are not more than 35 years of age; (iii) have records that clearly indicate superior ability; and (iv) are definitely interested in careers involving behavioral