

Among the scientists who will be witnesses are the following: Henry D. Smyth, chairman of the University Research Board, Princeton University; Edward Teller, director of the Lawrence Radiation Laboratory, Livermore, Calif.; Kraft Ehrlicke, Convair, San Diego, Calif.; and W. H. Zinn, vice president, Nuclear Division, Combustion Engineering Company, Windsor, Conn. A complete list of witnesses will be issued when arrangements are completed.

Council for Advancement of Science Writing Established

The establishment of a Council for the Advancement of Science Writing was announced last month by the National Association of Science Writers. The purpose of the new organization is to raise the standards for science writing and stimulate an increase in the quantity of science news that is carried in all media of mass communications—newspapers, television, radio, magazines, and books for the general public. The council plans to foster research and training in science journalism and to sponsor discussions and seminars on science writing throughout the country. The aim is to heighten the public's understanding and appreciation of the scientific enterprise.

Earl Ubell, science editor of the *New York Herald Tribune* and vice president of the National Association of Science Writers, is president of the council; W. Bradford Wiley, president of John Wiley and Sons, is vice president; and Hillier Krieghbaum, chairman of the department of journalism at New York University, is secretary-treasurer.

The idea for an organization such as the Council for the Advancement of Science Writing grew out of a conference held by the National Association of Science Writers in New York several years ago. The NASW authorized its officers and executive committee to proceed with plans to set up the nonprofit corporation. Pending the opening of an office of its own, the CASW may be reached through Krieghbaum.

Leprosy Laboratory Established

In January the School of Hygiene at Johns Hopkins University celebrated the opening of a joint Johns Hopkins-Leonard Wood Memorial Leprosy Research Laboratory located in the depart-

ment of pathobiology. The laboratory succeeds one which has been maintained by the Wood Memorial for the past 13 years at the Harvard Medical School. Financial support of the laboratory will come from the Memorial, aided by a grant from the National Institute of Allergy and Infectious Diseases of the Public Health Service.

John H. Hanks, bacteriologist of the Memorial for the past 20 years, will be the director. New members of the staff are Claude V. Reich, associate bacteriologist, and Byron S. Tepper, associate biochemist, both of the University of Illinois, and Norman E. Morrison, associate biochemist, who is at present on the staff of the University of Otago, New Zealand. All staff members will have university positions and will teach in the School of Hygiene. The Leonard Wood Memorial, which has headquarters in New York, is devoted to research and education in leprosy.

Occupation Question in 1960 Census Should Be Answered with Care

The 1960 population census will begin on 1 April. In every fourth household each person 14 years of age or older will be asked what kind of work he is doing.

In order that the statistics on scientific and engineering manpower may be developed as accurately as possible, the U.S. Census Bureau has asked that scientists be reminded that the question on occupation should be answered completely and precisely. The entry should consist of at least two words in most cases. Some examples of acceptable entries follow: appraisal metallurgical engineer, design electrical engineer, director of chemical laboratory, process chemical engineer, research physicist.

Student Science Journal Launched

Particle, a quarterly by and for science students, is being published in Berkeley, Calif. Articles are accepted in the fields of chemistry, physics, mathematics, biology, and other natural sciences. The journal was established to enable student readers to discover what other students are doing and thinking in their chosen fields of science, and to afford student authors an opportunity to share the products of their original thinking or research.

The new publication, which is privately supported, has nearly 400 regular

subscribers. These include the libraries and science departments of more than 50 schools and colleges throughout the country, supporting subscribers, and a number of corporate subscribers. The editors are Joseph Weinstein, a student at the University of California, and Lloyd Prentice, a student at Castlemont High School, Oakland, Calif. Subscriptions are \$1.20 in the United States and \$1.60 abroad. For information, write to the editorial and publishing offices, 2531 Ridge Rd., Berkeley 9, Calif.

Oklahoma High-School Science Meeting Has Outstanding Speakers

Some 6000 high-school science students will gather in Oklahoma City, Okla., on 1 April to hear leading scientists trace the steps by which life began on earth. Joining seven biologists on the panel of speakers will be a well-known American author, Philip Wylie, who has a broad, layman's interest in biology.

The occasion will be the annual High-School Science Symposium of the Frontiers of Science Foundation of Oklahoma, a nonprofit organization supported by business and industry. The 1960 topic is "Origins of Life." The American Institute of Biological Sciences is cosponsor.

Participating scientists will be Alfred Mirsky of the Rockefeller Institute, Philip Abelson of the Carnegie Institution of Washington, Stanley Miller of Columbia University College of Physicians and Surgeons, Sidney Fox of Florida State University, Barry Commoner of Washington University, H. Bentley Glass of Johns Hopkins University, and Frank Fremont-Smith of the Josiah Macy, Jr. Foundation.

In addition to the day-long program for students, the symposium will include luncheon and banquet meetings for educators and for civic, industrial, and financial leaders of Oklahoma and surrounding states.

Grants, Fellowships, and Awards

High-school teaching. High-school teachers who need to learn more about the nature and methods of research will benefit from the National Science Foundation's second group of grants in the Research Participation for Teacher Training Program. These will provide for an additional 200 teacher-participants at 23 institutions. The first group

of grants in this program was announced 25 January. The two groups provide for a total of 750 participants at 80 institutions, at a total cost of about \$1,244,000. Participating teachers will receive stipends of up to \$75 per week plus allowances for travel and dependents. A list of cooperating institutions may be obtained from the NSF (Washington 25, D.C.).

Medical student research. The Lederle Laboratories Division of the American Cyanamid Co. has announced that it is making available to medical schools throughout the United States and Canada Lederle medical student fellowships for the year 1960. These fellowships, in amounts not exceeding \$600 per year for any one individual, are intended to relieve in part the financial burden of students who desire to devote their summer vacations to research in the preclinical departments.

Applicants must have good scholastic standing and must have the consent of the faculty member under whose supervision their research is to be conducted. The selection of students to receive such awards will be made by the dean of the medical school, or by the regularly constituted committee of the faculty charged with such selections. By special permission of the dean or the fellowship committee of the school, the student may carry on such research in another medical school, provided that satisfactory arrangements are previously made with the faculty member of the school and the department in which the student is to carry on his research.

Physiological psychology. St. John's College, Cambridge, England, is seeking candidates for this year's Kenneth Craik research award, which is for the assistance of postgraduate research, preferably in physiological psychology. Persons of either sex and of any academic standing are eligible. The award recipient need not be, and is not required to become, a member of the college and need not reside in the University of Cambridge, but must submit such reports on the place, nature, and progress of his or her research as the college council may require.

The value of the award will be £450 a year. The council may pay part of the award in the form of a grant or grants to meet specified costs incurred in connection with the research undertaken; such costs may include the costs of travel, of pur-

chasing or hiring apparatus or other equipment, or of obtaining technical or clerical assistance.

The award will be tenable from 1 October 1960 for a period of not less than 1 year or more than 3 years, as the council shall decide. If the period decided upon is less than 3 years, the tenure may be subsequently extended, but the award may not be held by the same person for more than 3 years in all.

Applications should be sent to The Master, St. John's College, Cambridge, to reach him *not later than 4 April*. They should be accompanied by full particulars about the applicant; by a statement of the nature and probable duration of the postgraduate research contemplated and of the place where he or she intends to pursue it; by particulars about any further financial assistance the applicant expects to receive; and by the names and addresses of not more than three persons to whom the council may refer. No testimonials should be sent.

News Briefs

Chinese nuclear test? It is rumored that a small atomic bomb of "Hiroshima size" will be exploded on the Chinese mainland. A member of the Indian parliament is reported to have said that a "whole chain of people" in Communist China have told him about the nuclear test, which may be scheduled to take place on 28 March near Urumchi, capital of Sinkiang province. The 10 March *Manchester Guardian Weekly* says that Emelyanov, chairman of the Soviet Atomic Energy Administration, has dismissed the rumor as a "fairy tale."

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Tribute. The National Association of Science Writers has made a gift of \$100 to the National Multiple Sclerosis Society in memory of Dorothy Negus, wife of Sidney S. Negus, an honorary member of the association and AAAS director of public information. Negus is professor of biochemistry at the Medical College of Virginia in Richmond.

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Westinghouse talent search. Jerome G. Spitzner of St. James, Minn., has been chosen from a field of 29,000 high-school seniors from every state in the union as winner of the \$7500 Westinghouse Science Scholarship—top award in the 19th annual Science

Talent Search. He designed and built a spherical ion accelerator for his talent search project. His scholarship was one of five scholarships and 35 cash awards recently presented in Washington to the 9 girls and 31 boys who were this year's winners. Other scholarship recipients were Melvin Hochster, Brooklyn, N.Y., \$6000; Frank Podosek, Ludlow, Mass., \$5000; Charles H. Bennett, Croton-on-Hudson, N.Y., \$4000; and Betty Lou Snarr of Oklahoma City, Okla., \$3000.

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Non-Communist affidavit. Two more colleges have withdrawn from the student-loan program of the National Defense Education Act because it requires a "non-Communist" affidavit. These are the interdenominational Theological Center in Georgia and Wesleyan University in Connecticut. The total number of withdrawals so far is 15 colleges. One more institution, Beloit College in Wisconsin, has declined to take part in the program rather than fulfill the affidavit requirement; this brings to eight the number of institutions that have refused to participate. Forty-eight other institutions have objected to the affidavit while remaining in the program, raising the over-all total of college protests to 71. Bills for the repeal of the affidavit requirement are pending in both houses of Congress.

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World health day. World health day, 7 April, is the anniversary of the day on which the World Health Organization came into being. The organization, which has a membership of 90 countries, was established in 1948. It is one of the specialized agencies of the United Nations. The theme of World Health Day 1960 is "Malaria Eradication—A World Challenge." Under WHO leadership, the countries of the world are engaged in a united effort to wipe out this disease. This is the first such world-wide eradication campaign.

Scientists in the News

The 1959 Viking Fund Medalists in anthropology were awarded prizes of \$1000 each at the 14th annual banquet of the Wenner-Gren Foundation for Anthropological Research. The recipients were as follows.

William W. Greulich, chairman of the department of anatomy at Stanford University, selected by the American Association of Physical Anthropology.

Irving Rouse, professor and head of