including travel. When such a fellowship is awarded, an initial travel fund of $900 will be paid to the recipient. The remainder of the stipend will be paid in advance in monthly installments of $300, beginning with the fellowship period.

The fellowship period will be 1 year, although in exceptional circumstances renewal for a year or less will be considered. Fellowships may begin at any time mutually agreeable to the institution and the fellow. Fellows may choose to spend the entire fellowship year in one institution or to divide the time between two or more; in the latter event, however, at least 8 months must be spent in a single institution.

All arrangements for affiliation with foreign institutions must be made by the fellow or his preceptor directly with the appropriate officials in those institutions after the fellowship is awarded; only the contemplated program need be submitted with the application.

Application forms and further information about both types of fellowship may be obtained from the Professional Education Section, American Cancer Society, 521 W. 57 St., New York 19. Applications must be submitted through the executive officer of the applicant's institution.

In the Laboratories

■ Arthur D. Little, Inc., Cambridge, Mass., acquired the Miner Laboratories, Chicago, Ill., chemical consultants, on 1 Apr. John R. Kirkpatrick, who established the A.D.L. midwest office in 1952, will manage the new A.D.L. Midwest Division–Miner Laboratories. C. S. Miner, Jr., will continue to direct technical operations.

■ A Flight Laboratory for air and ground testing of airborne electronic equipment and systems has been established by the Radio Corporation of America at the New Castle County Airport, New Castle, Del.

The new facility is now in limited operation, and will be completely equipped with maintenance and laboratory test apparatus by May. It will be used for pre-flight and in-flight testing of RCA airborne equipment and fire-control systems for military aircraft. The laboratory will also be used for flights in connection with operational tests of RCA ground radar systems.

■ The National Carbon Company, a division of Union Carbide and Carbon Corporation, received the "Oscar" of the Academy of Motion Picture Arts and Sciences for its contribution to the art of studio lighting. The award was made in recognition of National Carbon's development and production of yellow-flame carbon for motion-picture color photography.

A product of several years of research, the yellow-flame carbon operates at a color temperature of 3350°K, which eliminates the need for heavy filters to provide a white light source balanced to the color characteristics of motion-picture color film.

■ The U.S. Atomic Energy Commission has announced that it has concluded arrangements with the Ohio Oil Company, in association with Arthur E. Pew, Jr., of Philadelphia, under which the commission has given assurance of its willingness to negotiate a contract for purchase of a specified quantity of uranium concentrates to be produced from uraniferous lignites.

Lignites containing significant grades of uranium are known to exist in the western parts of North and South Dakota. However, the lignites cannot be economically treated by the metallurgical techniques applied to standard uranium ores, such as those found in the Colorado Plateau area. The Ohio Oil Company and Pew currently are conducting development work on a process which they believe will be economic for processing the lignites. If they decide to construct a mill, then the commission will enter into negotiations with them for the purchase of the concentrates. Catalytic Construction Company has been retained by Pew and Ohio Oil Company to proceed with pilot-plant operations.

■ Nuclear Science and Engineering Corporation, Pittsburgh, Pa., is building a new and additional laboratory facility on a 3½-acre site near the Allegheny County Airport as part of its expanding program in radiobiology. The department of biology and medicine moved to the new building on 1 Apr. and will continue work in radiation sterilization of food, radiation of sewage, study of radiation effects on living organisms, irradiation-induced toxic factor, and health-physics determinations.

Miscellaneous

■ The Near East College Association has a number of teaching opportunities open, beginning in Sept. 1956, in schools and colleges in Greece, Lebanon, and Turkey. The association has issued an 8-page memorandum listing 28 scientific academic appointments at six institutions, generally for 3-year terms, with salary, transportation, and maintenance.

English is the language of instruction. Some positions require Ph.D.'s, and some M.S. or B.S. degrees. There are three openings in chemistry, two in biology, six in engineering, seven in mathematics, and eight in physics. Those interested should write to S. Elizabeth Ralston, Near East College Association, 40 Worth St., New York 13.

■ The 87 scientific and technical papers on atomic energy that were presented at the Conference on Peaceful Uses of Atomic Energy sponsored by the U.S.S.R. Academy of Science in Moscow, 1–5 July 1955, have been translated and are being published in four volumes.

Volume 1 includes the 23 papers presented at the session of the Division of Physico-Mathematical Sciences on nuclear properties of heavy elements, theoretical and experimental work on uranium-graphite, reactors and lattices, radiation effects, and so forth.

Volume 2 includes the 19 papers presented at the Session of the Division of Chemical Science on high-energy fission and spallation, effects of ionizing radiation on chemical reactions, and application of nuclear techniques to chemical structure and reactivity.

Volume 3 includes the 18 papers presented at the Session of the Division of Technical Science on the application of nuclear technology to industrial processes and prospecting.

Volume 4 includes the 21 papers presented at the Session of the Division of Biological Science on biological and biochemical effects of ionizing radiation and the application of nuclear techniques in biochemical and physiological investigations.

These volumes are available, on public sale, from the U.S. Government Printing Office, Washington 25, D.C., at $4.25 per set.

■ The Association for Applied Solar Energy published the first issue of its newsletter, *The Sun at Work,* in March. The purpose of this quarterly is to provide news of association activities as well as information about people and developments in the field. Guy Beveniste, an economist at Stanford Research Institute, is editor.

The first mailing, consisting of 10,000 copies, was sent to scientists, engineers, architects, and industrialists in 37 countries. Many of these people had attended the World Symposium on Applied Solar Energy that was held last year in Phoenix, Ariz.

The association also plans to issue *The Journal of Solar Energy Research,* which will be a scientific publication for original papers and for extensive abstracts of contributions previously printed elsewhere.

Other recent activities of the association include the operation of a solar energy library and the establishment of a museum of solar energy research.