

CHARLES KITTEL, professor of physics at the University of California, Berkeley, has been awarded this year's \$1000 Oliver Buckley solid-state physics prize for his applications of magnetic resonance methods to investigations of the electronic solids. The award, which is administered by the American Physical Society, was established by the Bell Telephone Laboratories in honor of one of its last presidents.

ALWIN M. PAPPENHEIMER, JR., who has been on the staff of New York University College of Medicine since 1941, has been appointed professor and chairman of the department of microbiology of that institution. He succeeds COLIN M. MACLEOD, who has become John Herr Musser professor of research medicine and chairman of the department of research medicine at the University of Pennsylvania School of Medicine.

ALLAN B. CRUNDEN, JR., of Montclair, N.J., has been appointed editor-in-chief of the *Journal of Astronautics*, official organ of the American Astronautical Society, 516 Fifth Ave., New York 36, N.Y.

GREGORIO OCLANDER, a pediatrician, has joined the medical research cooperation division of Eli Lilly and Company. He will participate in Lilly's export program related to the areas of pediatric medicine, vitamins, and nutritional factors; he also will contribute to Lilly's Latin American publications. A native of Argentina, Oclander was head of pediatrics and subdirector of Moron's Hospital in Buenos Aires before coming to the United States in 1953.

EVELYN L. OGINSKY, formerly research associate at the Merck Institute for Therapeutic Research, Rahway, N.J., has joined the University of Oregon's Medical School as associate professor of bacteriology.

Recent Deaths

EDWIN P. ADAMS, Walpole, Mass.; 78; emeritus professor and former chairman of the physics department at Princeton University; 31 Dec.

OLIVER L. DAVIS, Morristown, N.J.; 60; retired chemist; 27 Dec.

ROBERT ELMAN, St. Louis, Mo.; 57; professor of clinical surgery at Washington University; 23 Dec.

HENRY V. B. ERBEN, Schenectady, N.Y.; 58; retired executive vice president of the General Electric Company; 26 Dec.

FRED S. FRANKFURTER, White Plains, N.Y.; 76; retired pharmacist and

trustee emeritus of the College of Pharmacy of Columbia University; 1 Jan.

WILLIAM B. GERY, Norwalk, Conn.; 60; technical director of the Dorr-Oliver Company; 1 Jan.

GWENDOLEN S. JONES, New York, N.Y.; 53; instructor in medicine at Columbia University; 30 Dec.

ROY L. LANGDON, Philadelphia, Pa.; 64; associate professor of medicine at Temple University; 22 Dec.

EDWIN F. LOWRY, Danvers, Mass.; 65; manager of the research engineering laboratories of the lighting division of Sylvania Electric Products; 2 Jan.

WILLIAM B. MELDRUM, Haverford, Pa.; 69; professor emeritus of chemistry and former chairman of the department at Haverford College; 31 Dec.

RANDOLPH G. PACK, Greenwich, Conn.; 66; forest conservationist and president of the Charles Lathrop Pack Forestry Foundation; 25 Dec.

ARTHUR PARRETT, New York, N.Y.; 60; vice president and director of research for Rayonier, Inc.; 28 Dec.

SAMUEL SHIENERNAN-SHARON, New York, N.Y.; 58; vice president of the Ions Exchange and Chemical Corporation of New York; 31 Dec.

JOZSEF VARGA, Budapest, Hungary; 66; professor of technical sciences in the Universities of Budapest and Veszprem; announced in Budapest on 29 Dec.

Education

■ A course of study to train science and fiscal writers is now under consideration at the Columbia University Graduate School of Journalism, according to Edward W. Barrett. Adding a second year to the curriculum, the course would be designed for the writer "who has already moved along in his profession" and would help meet the present "severe shortage" of newspapermen qualified to write on science, business, and finance. Some provision for financial assistance to students would be made.

Students would be protected from aimless sampling, Barrett said. "Rather, under the guidance of a senior scholar and a mature journalist, each would be assisted in applying himself to a single field, doing so in a journalistic context, and producing finally a work of journalistic merit—be it a major magazine article, a script for a television series, or a small book.

Also under consideration is a course designed to introduce the principles of journalism and the American way of life to foreign newspaper students who expect to return abroad, Barrett added. At present, few foreigners attend the School of Journalism because the curriculum heavily emphasizes English-language writing. "The proposed curricu-

lum would involve some courses taken jointly with American students, plus studies in American civilization, economy and the ethics and principles of free journalism," Barrett said.

■ A research training program to increase scientific manpower for clinical and non-clinical cancer research has been established by the National Cancer Institute, Bethesda, Md., with \$1.2 million appropriated for the program by Congress. The first group of grants, amounting to \$819,067, will be awarded to 14 institutions whose applications were recommended by the National Advisory Cancer Council.

The program extends and supplements but does not replace the research training opportunities available through regular research fellowships and through employment on research projects. Under the new program the institutions receiving funds select and appoint the individuals to be trained and determine the stipends they are to be paid.

Slightly more than half of the \$1.2 million was appropriated especially for training in fields of chemotherapy and steroid hormones. The research fields represented by the current awards are cancer chemotherapy, steroid biochemistry, research medicine, pharmacology, biochemistry, immunology, research surgery, histochemistry, electron microscopy, genetics, cytology, radiobiology, and cancer biology.

The following grants for training in chemotherapy and steroid hormones were announced: University of Utah, \$74,145; Clark University, \$97,761; Columbia University, \$52,812; Yale University, \$37,800; Sloan-Kettering Institute for Cancer Research, \$100,000; Roswell Park Memorial Institute, \$32,616.

Other research training grants have been awarded to: University of Wisconsin, \$45,792; University of Minnesota, two grants of \$50,000 each; University of Kansas, \$38,802; Brown University, \$52,380; Stanford University, \$50,000; Washington University, \$11,577; Roscoe B. Jackson Memorial Laboratory, \$75,000; Massachusetts General Hospital, \$50,382. Requests for information concerning this program should be addressed to the Research Grants and Fellowships Branch, National Cancer Institute, Bethesda 14, Md.

■ The University of Michigan has tentatively accepted gifts of 210 acres and \$6.5 million from the Ford Motor Company and the Ford Motor Company Fund to be used in establishing a Dearborn Center of the university, which has a projected enrollment of more than 2700 students. Acceptance depends on appropriation by the state legislature of the necessary operating funds. The combined

gifts are the largest ever made by a company and its charitable fund to an educational institution. The land offered includes Fair Lane, the former estate of Henry Ford; the \$6.5 million will pay for buildings. The Dearborn Center would provide the university with a major opportunity to develop an educational system that combines classroom and shop instruction with practical work in industry. In addition to both undergraduate and graduate engineering and business administration courses, the center would offer junior and senior programs in liberal arts and sciences. No student housing is planned at present, since it is expected that most of the students will live within commuting distance.

■ The Rehabilitation Center of the Hospital of the University of Pennsylvania is to be enlarged and remodeled to increase its services to disabled and physically handicapped persons and its facilities for teaching and research in rehabilitation. This construction program will double the center's present floor space. Work will start immediately and probably be completed in 8 months.

Cost of the project will approximate \$450,000. Of this sum, two-thirds was contributed by individuals and organizations interested in rehabilitation, and one-third was obtained from Federal sources under the Hill-Burton Act, through approval by the Commonwealth of Pennsylvania hospital construction authority. Hill-Burton funds must be matched two-for-one by the grant recipient.

The center will be named in honor of George Morris Piersol, dean of the Graduate School of Medicine and professor emeritus of physical medicine and rehabilitation. This medical specialty has been Piersol's interest for many years. He was the first chairman of the university's Rehabilitation Commission.

Grants, Fellowships, and Awards

■ The National Council to Combat Blindness, Inc., in accordance with its program concerned with the financing of research in ophthalmology and the related sciences, has announced that applications for its 1957-58 Fight for Sight grant-in-aid and fellowship awards will be considered at the eighth annual meeting of the organization's Scientific Advisory Committee that is to be held in the spring. The closing date for receipt of completed applications for grant-in-aid and fellowship awards is 15 Apr. Applications for summer-student fellowships will be reviewed in advance of the meeting, and such applications should be filed with the office of the organization no later than 1 Apr.

All applicants are required to make their own arrangements for suitable research facilities with accredited institutions. Appropriate application forms may be obtained by addressing: Secretary, National Council to Combat Blindness, Inc., 30 Central Park South, New York 19, N.Y.

■ The U.S. Public Health Service has announced approval of 73 grants, totaling \$24,460,467, to help institutions in 24 States and the District of Columbia build additional health research facilities. The awards were approved by the Surgeon General upon recommendation of the National Advisory Council on Health Research Facilities.

The new grants are the second group of awards under a new program enacted by the Congress late in its last session. The legislation authorized distribution of \$30 million a year for 3 years; it also established the Health Research Facilities Council. At its first meeting in September the council recommended seven grants totalling \$765,159. The next meeting of the council is scheduled for March at the National Institutes of Health in Bethesda, Md., when grant applications will again be reviewed.

■ The Albert and Mary Lasker Foundation, Chrysler Building, New York 17, N.Y., has announced the opening of the eighth annual Albert Lasker medical journalism awards competition. The awards will be presented to the newspaper writer and magazine writer who have written during 1956 the best articles, series of articles, editorials, or columns dealing with the improvement of public health or the prolongation of life through medical research or public health programs. A radio-television award will be presented to the best program or series of programs in this field broadcast over a station or network during 1956. The deadline for entries will be 11 Feb.

Inaugurated in 1949, the three awards have been increased this year from \$1000 to \$2000 each. Included with each award is a citation and a silver statuette of the Winged Victory of Samothrace, symbolizing victory over death and disease.

A committee of journalists, laymen, and physicians will act as judges. Articles and scripts will be rated on the basis of accuracy, significance, timeliness and proficiency in the translation of technical information into lay language, and skill in arousing and holding the average person's interest. The foundation seeks especially to recognize journalism that contributes to a better public understanding of medical research and health programs relating to the diseases that are major causes of death or disability—especially heart diseases, cancer, mental illnesses, arthritis, blindness, and neurological diseases.

Miscellaneous

■ A progress review of the U.S. Geological Survey's investigation of radioactive deposits in the United States and Alaska between 1 June and 30 Nov. 1955 has just been made available through the Office of Technical Services, U.S. Department of Commerce. Reports in the 340-page volume reflect emphasis by the Geological Survey on the understanding of geologic conditions favorable for concentration of uranium, rather than on the search for specific minable deposits. This semiannual report, TEI-590 *Geologic Investigations of Radioactive Deposits*, U.S. Department of the Interior Geological Survey for the U.S. Atomic Energy Commission, Dec. 1955, may be ordered from OTS, U.S. Department of Commerce, Washington 25.

■ The Thomas Alva Edison Foundation, Inc., presented its second annual National Mass Media awards last month. Among those of special interest to scientists were the following: to the movie *On the Threshold of Space* (Twentieth Century Fox) as "the best science film for youth" for 1956; to *Adventures in Science* (CBS) as "the best radio program for youth" for 1956.

A special citation of merit was made to New York City's municipal broadcasting station, WNYC, for its first annual "Science Seminar," which carried more than 30 talks on the general subject of "The growing shortage of scientists and engineers." Among the titles were: "An inventor looks at education," "Toward peaceful uses of the atom," and "Encouraging scientific talent."

■ A new quarterly journal, the *IBM Journal of Research and Development*, is being published quarterly by the International Business Machines Corporation, 590 Madison Ave., New York 22, N.Y. The first issue was released on 1 Jan. Purposes of the journal are to publish original work by IBM scientists and engineers for the largest possible audience of interested technical people, and to help promote more rapid dissemination of scientific and technical information within American industry and throughout the world.

The new magazine will publish comprehensive articles on the latest scientific and technical results from IBM research and development laboratories here and abroad. Articles will come from fields as varied as solid-state physics, chemistry, metallurgy, information theory, and electronics. Other articles will treat the latest developments in computers, data-processing machines, and design of components such as magnetic core memories and semiconductor devices. The journal is available by subscription at a cost of \$3.50 per year.