■ Britain's first independent commercial television station began transmitting on 22 Sept. from Croydon, near London. The site was chosen and cleared for the construction of the buildings and tower a little more than 6 months ago.

The 10-kilowatt vision transmitter and the 2.5-kilowatt sound transmitter are both laboratory prototypes. Two further transmitters of approximately the same power outputs will be installed in the near future. These will be standard production versions.

Scientists in the News

OTTO M. SMITH ended 32 years of service at Oklahoma A. and M. College on 30 Sept. Smith, emeritus head of chemistry and chemical engineering, has served as director of A. and M.'s Research Foundation since 1946. In the course of his 9-year directorship, 90 scientists have conducted research in A. and M. laboratories and 200 students have earned graduate degrees while serving as paid research assistants.

Projects that have been developed at the college have included work on radar triangulation systems for tracking rockets and missiles; basic research in biological, physical, and the social sciences; development of anticonvulsion drugs; establishment of a laboratory for the use of radioactive materials; and the development of methods which are related to the purifying of the products from nuclear reactors. Smith has been instrumental during the past 5 years in securing contracts and grants for the college that have totaled nearly $2 million. These contracts have been supported by the Army Ordnance Corps, the Office of Naval Research, the Air Force, the Atomic Energy Commission, and a number of American industrial organizations.

Smith received the B.S. degree in 1907 from Drury College, Springfield, Mo., and the M.S. and Ph.D. degrees from the University of Illinois in 1918 and 1919, respectively. He joined the faculty of Oklahoma A. and M. in 1923 as head of chemistry and chemical engineering, a post that he filled until his retirement in 1949.

Smith served as chairman of the Committee on Tests and Measurements of the American Chemical Society from 1930 to 1946. Under his leadership, the battery of tests for 4 years of college work in chemistry has been adopted on a worldwide scale. He has also been chairman of the Committee on Teaching of College Chemistry since 1946 and is credited with introducing the college teachers' Chemistry Institute. The idea, first put into practice at A. and M. in 1950, was used in three summer institutes in 1955.

Dr. and Mrs. Smith plan a trip to Brazil, where their son is a member of the electrical engineering faculty of the Instituto Technologico de Aeronautica at São Paulo. Smith was succeeded by MARION T. EDMISON, former associate professor of chemistry at the University of Arkansas.

At a meeting on 5 Oct. of the American Academy of Arts and Sciences, Cambridge, Mass., the academy's Amory prizes were presented. These awards of $3500 each are given for the invention or discovery of measures for the relief or cure of diseases affecting the genitourinary system. The recipients were:

FREDERIC E. B. FOLEY, Lowry Medical Arts Building, St. Paul, Minn., for development of contrivances, instruments, and operations of great value in the treatment of those afflicted with urological disease.

CHOH HAO LI, University of California, Berkeley, for his work on the relationship of the anterior pituitary hormones to the maintenance and functioning of the human reproductive organs.

THADDEUS R. R. MANN, Molteno Institute, University of Cambridge, Cambridge, England, for his basic contributions to the rapidly expanding field of the biochemistry of reproductive functions and for providing basic data that stimulate research and clinical progress.

TERENCE J. MILLIN, Queen's Gate Clinic, London, England, for devising and developing the technique of retropubic prostatectomy for benign hyperplasia of the prostate and for adapting this technique to radical prostatectomy and vesiculectomy for the cure of cancer of the prostate.

WARREN O. NELSON, State University of Iowa College of Medicine, for his studies of the structural relationships of the male sex organs and of the factors that determine the functional activities of the various components thereof.

FREDERICK J. WALLACE, American Cystoscope Makers, Inc., New York, N.Y., for his cooperation with the urological profession in developing diagnostic and therapeutic instruments that have contributed materially to the technical advances in this specialty.

LAWSON WILKINS, John Hopkins University, in recognition of his contributions to fundamental knowledge of growth and development of secondary sex characteristics in man and his brilliant application of adrenal cortical hormone to their management and treatment.

A. R. DAVIS, plant physiologist and for 8 years dean of the College of Letters and Science at the University of California, Berkeley, became vice chancellor of the Berkeley branch of the university on 1 July.

ROB ROY MCGREGOR, author of *Silicones and Their Uses,* has joined the research staff of the Dow Corning Corp., Midland, Mich., as research administrative assistant. He will direct his attention to silicone applications in the medical and biological fields.

Since 1942 McGregor, one of the pioneer research workers in silicone chemistry, has worked with Dow Corning through the Mellon Institute, Pittsburgh, Pa., where he was administrative fellow of the Corning Glass Works–Dow Corning Corp. fellowship.

ALVIN M. WEINBERG has been appointed director of Oak Ridge National Laboratory. Weinberg, who formerly was research director of the laboratory, assumed his new post on 1 Oct. 1955.

EDWARD B. TRUITT, JR., has resigned as assistant professor of pharmacology and as A. H. Robins Co. fellow in pharmacology at the Bowman Gray School of Medicine of Wake Forest College, Winston-Salem, N.C., to assume the position of associate professor of pharmacology at the University of Maryland School of Medicine, Baltimore.

THEODORE C. BYERLY has been appointed assistant director of livestock research in the Agricultural Research Service of the U.S. Department of Agriculture. NED R. ELLIS, former head of the meat production and evaluation section, has succeeded Byerly as chief of the ARS Animal and Poultry Husbandry Research Branch.

In his new position, Byerly will assist B. T. SIMMS, who became director of livestock research following the retirement of OLLIE E. REED on 1 Sept. Simms was formerly head of the animal disease and parasite research branch, of which HOWARD W. JOHNSON is now the acting head.

DAVID R. GODDARD of the University of Pennsylvania is visiting the department of botany at the University of Washington, Seattle, during the fall quarter. He is giving a series of lectures on cellular metabolism under the auspices of the Walker-Ames professorship.

HAROLD S. OLCOTT, food specialist of the Western Regional Research Laboratory, U.S. Department of Agriculture, has been appointed professor of marine food technology and marine food technologist on the staff of the University of California's state-wide Institute of Marine Resources. Although the institute has headquarters at La Jolla, Olcott will be associated with the department of food technology at Berkeley, where he will direct research work leading toward advanced degrees in food science and comparative biochemistry.

RICHARD C. TROUTMAN, assistant professor of ophthalmologic surgery at Cornell Medical Center, has been named to the joint post of professor of ophthalmology at the State University College of Medicine in Brooklyn and director of ophthalmology at the Kings County Hospital, both on a part-time basis.

H. WALDO BIRD, practicing psychiatrist of Detroit, Mich., and former faculty member of Wayne University, has been appointed associate professor of psychiatry at the University of Chicago School of Medicine.

V. N. BRUCE, an engineer and the vice principal of a high school in Ottawa, Canada, has joined a teacher training mission in Burma as a specialist in science teaching. Under the United Nations Educational, Scientific and Cultural Organization's program of technical assistance, Bruce will assist the Burmese authorities in improving existing facilities and in training local science masters.

Burma has undertaken the extension of free schooling throughout the country. The plan involves the building of 6000 schools and the training of teachers to staff them. A large majority of the schools are in rural areas. The UNESCO teacher training mission has prepared a booklet on elementary science and also portable laboratories of suitcase size. An important part of Bruce's mission will be to develop suitable equipment at small cost.

MAX E. BRITTON, plant ecologist, has resigned from the faculty of Northwestern University to assume administrative direction of the arctic research program of the geography branch of the Office of Naval Research, Washington, D.C.

HERMAN F. MARK, chemist and director of the Institute of Polymer Research, Polytechnic Institute of Brooklyn, was honored by several European universities and professional groups during the summer. He received a medal and honorary membership from the University of Vienna, the degree of honorary professor from the Technical University of Berlin, and the Trasenster medal of the Association of Belgian Engineers.

OLIVER LOWRY, professor of pharmacology and head of the department in the Washington University School of Medicine since 1947, has been named dean of the School of Medicine. Lowry, whose appointment is effective immediately, will continue in his posts in the department of pharmacology. He succeeds CARL V. MOORE, who resigned in June to devote his time to research and teaching.

WALTER G. DRISCOLL, formerly of the U. S. Department of Defense, has been appointed assistant director of research at Baird Associates, Inc., Cambridge, Mass., manufacturers of precision instruments.

JACOB DAVID GOLDSTEIN, associate professor in medicine and in bacteriology at the University of Rochester Medical School, has been named to the joint post of professor of medicine at the State University of New York College of Medicine in Brooklyn and chief of medicine at the Jewish Hospital of Brooklyn, effective 1 Nov. This appointment is part of the recent affiliation between the college's department of medicine and the hospital's medical service.

The following appointments to assistant professor have been announced. West Virginia University: LEROY HALLOWELL SAXE, JR., pharmacology; JOHN BARKER HARLEY, pathology. Park College: ERWIN RUBINGTON, sociology.

The following appointments to assistant professor have been announced. California Institute of Technology: CLARENCE R. ALLEN, LEON T. SILVER, and GERALD J. WASSERBURG, geology; ROY GOULD and ROBERT D. MIDDLEBROOK, electrical engineering. University of Connecticut: ARNOLD RUSSEK, physics.

Necrology

CHARLES T. GRAHAM-ROGERS, Ridgefield, Conn.; 81; toxicologist; for 37 years expert on poisons for New York State Department of Labor; 24 Sept.

NOBLE S. HEANEY, Beverly Hills, Calif.; 75; emeritus professor of obstetrics and gynecology at Rush Medical College, Chicago, Ill.; 26 Sept.

LOUIS A. HELD, Brooklyn, N.Y.; 62; radiologist; former instructor in diagnostic radiology and therapy at New York Post-Graduate Hospital; 20 Sept.

ALFRED F. HUETTNER, Douglaston, N.Y.; 73; emeritus professor of biology and former chairman of the department at Queens College, Flushing, N.Y.; 27 Sept.

BERTRAM LOW-BEER, San Rafael, Calif.; 54; radiologist; pioneer in the use of radioactive isotopes in diagnosis and treatment of cancer, expert on therapeutic use of radiation, professor at the University of California Medical School in San Francisco; 25 Sept.

ADOLPH MACHLET, Elizabeth, N.J.; 90; metallurgist and inventor; 27 Sept.

WALTER D. SCOTT, Evanston, Ill.; 86; psychologist, educator; pioneer in applying psychology to business, first professor of applied psychology in the United States, president emeritus of Northwestern University; 23 Sept.

Education

■ The William Goldman Laboratory of Microscopic Anatomy at Hahnemann Medical College and Hospital was dedicated on 29 Sept. One of the participants in the ceremony, in addition to the donor, William Goldman, president of Goldman Theaters, Inc., was Charles L. Brown, dean of Seton Hall University School of Medicine and formerly dean at Hahnemann.

■ The new $1,580,000 Renard Hospital, psychiatric unit of Washington University–Barnes Medical Center (St. Louis), was dedicated on 10 Oct. Presiding at the dedication were Ethan A. H. Shepley, chancellor of Washington University, and Louis Renard, son of the late Mr. and Mrs. Wallace Renard who contributed funds for the construction of the hospital.

Speakers for the ceremony included Arthur H. Compton, distinguished service professor at Washington University; Alan Gregg, vice president of the Rockefeller Foundation; and Philip A. Shaffer, distinguished service professor emeritus and lecturer in biological chemistry and a former dean of Washington University School of Medicine.

A 2-day scientific symposium on "Newer aspects of the theory, etiology and treatment of the psychoses" was held in conjunction with the dedication. Participants were Stanley Cobb, Alfred H. Stanton, George Saslow, and B. F. Skinner, all of Harvard University; John C. Whitehorn of Johns Hopkins University; and F. C. Redlich of Yale University.

■ Columbia University School of Engineering has acquired a steel radio antenna tower and brick laboratory building from the estate of the late Maj. Edwin H. Armstrong, inventor of FM radio and long a professor of electrical engineering at Columbia. The installation, which is situated on the west bank of the Hudson River near Alpine, N.J., will be known as the Edwin H. Armstrong Field Laboratory and will be used by the department of electrical engineering for research in radiation and propagation of various types of radio waves, particularly with respect to their behavior in the atmosphere, ionosphere, and upper atmosphere.

In addition to the Alpine site, Columbia also has acquired from the Armstrong estate 57 acres of land in the towns of Catskill and Hunter, N.Y., an area that includes one of the higher peaks in the Catskill Mountains. These two sites, together with Columbia's engineering camp near Litchfield, Conn., will form a triangular range for extensive field studies in radar and radio.