

Necrology

WALTER N. BROWN, JR., University Park, Pa.; 37; physicist, director of Bone density Research and Evaluation Center at Pennsylvania State University; 12 Sept.

JOHN PIM CARTER, Philadelphia, Pa.; 75; anthropologist, staff member of the Academy of Natural Sciences of Philadelphia; 22 Oct.

JACOB LANGTHORN, Mount Dora, Fla.; 88; retired consulting engineer; 23 Oct.

IVAN MCDUGGLE, Baltimore, Md.; 63; professor of sociology at Goucher College; 25 Oct.

ROSS MARRIOTT, Swarthmore, Pa.; 72; astronomer, professor emeritus of mathematics at Swarthmore College; 19 Oct.

MORRIS NEWMAN, Teaneck, N.J.; 28; assistant professor of chemical engineering at New York University; 21 Oct.

RICHARD PAGET, London, England; 86; authority on speech and artificial speech production and specialist in the languages of the deaf and dumb; 23 Oct.

J. SPEED ROGERS, Ann Arbor, Mich.; 62; professor of zoology and director of the museum of zoology at the University of Michigan; 17 May.

JAMES W. SMITH, New York, N.Y.; 62; eye surgeon and clinical professor of ophthalmology at the Post-Graduate Medical School of New York University-Bellevue Medical Center; 24 Oct.

Education

■ Donald L. Benedict, director of Stanford Research Institute's physical sciences division, has announced the formation of a new department of chemical physics under his supervision. The department takes over functions of the former basic engineering sciences group that was until recently a part of the engineering division. Named to head the new department is Clinton M. Kelley, former head of the group in engineering.

■ Meharry Medical College, Nashville, Tenn., and North Texas State College, Denton, Tex., have been elected to membership in the Oak Ridge Institute of Nuclear Studies, which is now owned by 34 southern universities.

Other action during recent meetings of the ORINS council and board of directors included the election of Marten ten Hoor, dean of the College of Arts, University of Alabama, to a 3-year term as chairman of the council, which is composed of one representative from each of the member universities. W. M. Nielsen, chairman of the department of physics, Duke University, was named to a 1-year term as council vice chairman.

As council chairman, Ten Hoor auto-

matically becomes a member of the 15-man board of directors, other new members of which are J. M. Dalla Valle, professor of chemical engineering, Georgia Institute of Technology; W. V. Houston, president of Rice Institute; Charles E. Dunlap, chairman of the department of pathology, Tulane University School of Medicine; C. C. Pfeiffer, chairman of the department of pharmacology, Emory University School of Medicine; Alvin M. Weinberg, director of Oak Ridge National Laboratory.

Reelected to 1-year terms are Paul M. Gross, vice president of Duke University, president of the corporation; Clifford K. Beck, professor and head of the department of physics, North Carolina State College, vice president; and William G. Pollard, ORINS executive director, corporation treasurer.

■ The School of Engineering at North Carolina State College now offers a degree of bachelor of metallurgical engineering. The new curriculum will complement others in ceramic and geological engineering in the college's department of mineral industries.

■ A new department of geography has been created at Michigan State University; it will offer an undergraduate and a master's degree.

■ The U.S. Civil Service Commission has announced a college student work-study program for scientific and technical personnel within the Potomac River Naval Command and other Federal establishments in Washington, D.C., and the nearby area. In this cooperative education plan, a student alternates at designated intervals during the year between academic college instruction while in residence at a participating college, and work-experience training at one of the Federal establishments.

Salaries range from \$2690 to \$3415 per year. Applicants who wish to be scheduled for the first written test to be held on 5 Dec. 1955 must have their Form 5000-AB on file by 15 Nov.

■ High-school seniors throughout the country have been invited to compete for prizes and honors offered by the sponsors of the 15th annual Science Talent Search. Winners, selected from entrants from participating public, private, and denominational schools, will share \$11,000 in Westinghouse Science Scholarships.

Awards will be made in Washington, D.C., early next spring at a 5-day Science Talent Institute which the 40 finalists in the competition will attend as guests of the sponsors. The young scientists will have the opportunity to exhibit their work at the institute and to participate

in discussions with some of the nation's leading scientists.

The boy or girl whose all-around Science Talent Search performance and whose personal qualities are judged the most outstanding will receive a \$2800 grand science scholarship. Other scholarships ranging from \$100 to \$2000 will be awarded to the remaining 39 finalists. In addition, 260 other students who show "excellent promise of becoming creative scientists" will receive honorable-mention citations.

The awards are made by Westinghouse Educational Foundation, which is supported by Westinghouse Electric Corporation. The talent search is conducted by Science Clubs of America, which is administered by Science Service.

Entrants must report on an original science project and take an aptitude examination. Their schools then submit scholastic records and teachers' estimates of the entrants' ability. To be eligible, entries must be received in Washington by *midnight, 27 Dec.*

■ Bennington College has announced three new science courses specifically designed for students with no special interest in the natural sciences. A course entitled "Science and symbols" will deal with a sequence of problems in chemistry whose solution historically necessitated the development of a scientific language and method. A physics course will deal with the modern physicist's understanding of the universe, and conceptual structure of physics and its experimental bases, and the potentialities and limitations of the scientific method. The third course is "Mathematics in Western culture."

Grants, Fellowships, and Awards

The trustees of Colonial Williamsburg, Williamsburg, Va., have issued the following announcement:

"As part of its program to bring new strength in our time to the belief in human liberty and the dignity of the individual which made Williamsburg and its leaders a moving force in 18th century America, Colonial Williamsburg has established The Williamsburg Award. The Award will be made, as occasion warrants, to a person who in the course of contemporary events has made an outstanding contribution to the historic struggle of men to live free and self-respecting in a just society. If circumstances require, it may be made jointly to two or more persons. It will carry an honorarium of \$10,000 and an appropriate emblem.

"The only limitation on eligibility for the Award will be clear and eminent achievement. Recipients may be natives