

given those whose principal education has been in other disciplines but who must teach at least one course in anthropology. Two courses, totaling nine credit hours, will be presented: Man and culture, and New theoretical developments. The program will be conducted under a \$40,800 National Science Foundation grant. No tuition will be charged, and participants will receive stipends, dependency allowances, and partial travel reimbursement; some dormitory housing will be provided. Application deadline: *10 February*. (A. C. Spaulding, Department of Anthropology, University of Oregon, Eugene)

Temple University and the University of Pennsylvania plan to offer a course in **allergy** 16–27 March at Temple's medical center. The program is designed for practicing physicians; it will emphasize diagnosis and management of allergic patients, and will include sessions on pediatric and dermatologic aspects of allergy. The tuition fee is \$200. (G. Blumstein, Temple Medical Center, Philadelphia 40, Pa.)

A course on fundamentals of **engineering statistics** is scheduled 16–20 March, at Georgia Institute of Technology, Atlanta. It is designed as a refresher course for graduate engineers; emphasis will be placed on application and on random variation in the solution of problems. A \$150 fee will include tuition, textbook, and all necessary supplies. Deadline for applications: *9 March*. (Director, Dept. of Short Courses and Conferences, Georgia Inst. of Technology, Atlanta, Ga. 30332.)

Analytical Engineering Laboratories, (Analabs), Hamden, Conn., will sponsor a course in **gas chromatography** 19–21 March, in Houston, Tex. The course will include fundamental theory and applications, the chromatographic column, inert support and stationary phases, temperature programming, bulk property sensing devices, and ionization detectors. Advance registration is required. (P. D. Hercz, Analabs, Inc., P.O. Box 5215, Hamden, Conn.)

Purdue University will offer a summer institute in **geometrics**, 15 June to 7 August, for college teachers of surveying, geodesy, and photogrammetry. Applicants should possess a B.S. degree in engineering or related physical sciences and have at least 2 years' teach-

ing experience. Some financial support is available through an NSF grant. Deadline for applications: *15 February*. (K. S. Curtis, Geometrics Summer Institute, School of Civil Engineering, Purdue University, Lafayette, Ind.)

### Scientists in the News

**Charles C. Shepard**, medical director of the PHS Communicable Disease Center in Atlanta, Ga., has won the 1963 Kimble methodology award for "contributions to developing new or better procedures in public health." He was cited for developing the first successful method of growing human leprosy bacilli outside the human body. The \$1000 award is sponsored by Kimble Products, a division of Owens-Illinois, and presented by the Conference of State and Provincial Public Health Laboratory Directors.

**George B. Duvall**, director of Poulter Laboratories, Stanford Research Institute, has been appointed professor of physics at Washington State University, Pullman, effective 1 January.

**Robert B. Banks**, formerly director of research at the SEATO Graduate School of Engineering, Bangkok, Thailand, has been appointed dean of the college of engineering at the University of Illinois, Chicago.

**Raymond A. Katzell**, psychology professor at New York University, has been appointed head of the school's all-university department of psychology.

**Nyle C. Brady**, head of Cornell University's department of agronomy, has been named director of science and education for the U.S. Department of Agriculture.

### Recent Deaths

**Ruth Florence Allen**, 84; retired plant pathologist and cytologist, U.S. Department of Agriculture and University of California, Berkeley; 30 November.

**Walter Bauer**, 65; Jackson professor of clinical medicine, Harvard University; 2 December.

**Eliot R. Clark**, 81; retired chairman of the anatomy department, University of Pennsylvania medical school; 1 November.

**Maurice B. Eichelberger**, 70; retired associate professor of engineering

graphics, University of Michigan; 12 October.

**Marek Fisz**, 53; professor of mathematics, New York University; 4 November.

**Milton L. McCall**, 52; professor and chairman of the department of obstetrics and gynecology, University of Pittsburgh medical school and medical director of Magee-Womens Hospital, Pittsburgh, Pa.; 8 October.

**Joe Vincent Meigs**, 72; clinical professor emeritus of gynecology, Harvard University; 24 October.

**Allan C. G. Mitchell**, 61; head of the physics department, Indiana University; 7 November.

**I. I. Schmalhausen**, 80; Russian biologist, member of the Academy of Sciences of the U.S.S.R.; 7 October.

**Abraham M. Shanes**, 45; professor of pharmacology at the University of Pennsylvania; 12 October.

**Joseph T. Singewald, Jr.**, 79; director of the Maryland State Department of Geology, Mines and Water Resources; 20 October.

**Robert E. Woodson, Jr.**, 59; professor of botany at Washington University; 6 November.

**William Embry Wrather**, 80; retired director of the U.S. Geological Survey; 28 November.

*Erratum:* In the report "Actinomycin D: its effect on antibody formation in vitro, by J. W. Uhr [*Science* 142, 1476 (13 Dec. 1963)], there are four serious errors. The amount of  $3 \times 10^{-7}M$  actinomycin D given in line 10 of paragraph 3 was 0.37  $\mu g/ml$ , not 0.3  $\mu g/ml$ . The missing label on the ordinate of Fig. 1 is K (antibody concentration). The compounds named in the next-to-last line of the next-to-last paragraph are uridylyl and guanilyl (not uridylyl and guanilak). The second sentence of the last paragraph should have read: "The prompt and complete inhibition . . . suggests that this messenger can have [not has] a half-life of less than several days."

*Erratum:* In the article "Specific inhibition of replication of animal viruses" by I. Tamm and H. J. Eggers [*Science* 142, 24 (4 Oct. 1963)], reference (64) in line 43, column 2, page 28, should be to H. J. Eggers and I. Tamm, in preparation, not to *Nature* 199, 513 (1963); reference (64) in line 2, column 2, page 29, is correct as it stands. There is an error in Fig. 8. The nucleosides should have been depicted in their  $\beta$ -D configuration and not in their  $\beta$ -L configuration.

*Erratum:* On the Table of Contents page, the title of the report by R. W. Holton and J. Myers [*Science*, 142, 234 (1963)] should read: "Chromosomes of a Blue-Green Alga: Extraction of a c-Type, with a Strongly Negative Redox Potential." In the report itself, on p. 235, column 1, line 23, Table 2 should read Table 3; column 2, line 12, Table 1 should read Table 2; column 2, line 41, Table 2 should be Table 3.

*Erratum:* In the program for the AAAS Cleveland meeting (6 December), the date of the symposiums, "The development of perception during the first six months of life" and "Engineering psychology: contributions of an infant science," is 30 December, not 29 December. Both symposia are programs of the Psychology Section (I). A symposium on "Models in biology," 29 December, should have been included as part of the program of the Statistics Section (U) at the meeting. Consult the *General Program* for complete details.