

ing, computers, and radiation; and also mathematical analysis, bionics, artificial organs, human engineering, simulation, biological control systems, ergonomics, and hospital automation. Summaries must be submitted in English, and in triplicate. Deadline for submission: 15 January. (K. Suhara, c/o Japan Society of Medical Electronics and Biological Engineering, Old Toden Bldg., 1-1 Shiba-tamura-cho, Minato-ku, Tokyo, Japan)

Courses

Control Technology, Inc., will present "Computer Applications in Science and Engineering—An Intensive Course for Management," 14-18 December, in Anaheim, California. The course is designed to provide a basic knowledge of computers and their most effective use as engineering and scientific research tools. It will cover the entire spectrum of available computers, and will emphasize the economic aspects of the use of computers. (Control Technology, Inc., 1232 Belmont Avenue, Long Beach, California)

Scientists in the News

G. Arthur Cooper, head curator, Department of Geology, U.S. National Museum, Washington, D.C. has been named the 1965 recipient of the Paleontological Society Medal.

Lyman Benson, head of the botany department at Pomona College, Claremont, California, is on sabbatical leave for the 1964-65 academic year. He will direct research into cactus in the United States and Canada under a grant from the National Science Foundation.

A 2-year arid lands project at the University of Arizona, concerned with major desert areas of the world, "An Inventory of Geographical Research on Desert Environments," has been initiated under the direction of **William G. McGinnies**, former director of the University's Laboratory of Tree-Ring Research. The project, supported by the Department of the Army, will study 22 deserts located in Asia, Africa, North and South America, and Australia, covering a "total of nearly 5 million square miles." Arid lands work involved is in the fields of botany,

climatology, engineering, geology, geography, hydrology, meteorology, oceanography, soils, and zoology.

Bryant Bannister, associate professor of dendrochronology at the university, has been named to succeed McGinnies as director of the Laboratory of Tree-Ring Research.

William H. Hatheway has become executive director of the Organization for Tropical Studies, at the University of Costa Rica. He had been associate statistician of the Rockefeller Foundation, and professor of botany and experimental statistics at the Colegio de Postgraduados, Escuela Nacional de Agricultura in Mexico City, Mexico.

Reidar F. Sognaes, dean of dentistry and professor of oral biology and anatomy at the Center for the Health Sciences, University of California, Los Angeles, has been appointed to a 4-year term on the National Advisory Dental Research Council, National Institute of Dental Research.

Herbert L. Ratcliffe, director of the Penrose Research Laboratory, Zoological Society of Philadelphia, has been awarded the Gold Medal of the Royal Zoological Society of Antwerp, in recognition of his work on "nutritional requirements of captive wild animals."

Maurice R. Nance, medical director of Smith Kline & French Laboratories, has been appointed to the Panel on Handling of Toxicological Information of the President's Science Advisory Committee.

Askell Löve, former research professor at the University of Montreal, has been appointed associate professor of biology at the University of Colorado.

John N. Howard has been named to head the new office of chief scientist at the Air Force Cambridge Research Laboratories, Bedford, Massachusetts. He was formerly senior scientist in AFRL's optical physics laboratory.

Recent Deaths

Waldo Abbot, 76; professor emeritus at the University of Michigan, and Michigan's first director of broadcasting; 14 November.

George W. Downs, 53; associate in engineering at the California Institute of Technology, and one of the founders and directors of the Applied Physics Corporation; 8 November.

Murdock Equen, 72; founder and chief of staff at the Ponce De Leon Eye, Ear, Nose and Throat Infirmary, Atlanta, Georgia, and designer of the Equen magnet, allowing the retrieval of foreign objects from the windpipe, lungs, and stomach without surgical incision; 11 November.

Col. **John A. Isherwood**, 62; head of the Radiology Clinic at the Santa Rosa Medical Center, San Antonio, Texas, former chief of the Radiological Service at Walter Reed General Hospital, and radiology consultant to the Army Surgeon General; 14 November.

Marion A. Johnson, 63; dean of the Graduate School at Rutgers University; 9 November.

Russell Lord, 69; former editor of *The Land*, and former consultant with the Agriculture Department and the Tennessee Valley Authority; 12 November.

Edward H. Martin, 48; editor and publisher of *Ocean Science News*; 11 November.

Peter F. Salisbury, 51; founder of the American Society for Artificial Internal Organs, and early developer of heart-lung machines and artificial kidney machines; 5 November.

Leon P. Smith, 65; former dean of the University of Maryland's College of Arts and Sciences; 10 November.

Sir **Henry Souttar**, 88; inventor of the eyeless needle for stitching wounds, and one of the first surgeons to operate successfully on heart valves; 12 November.

George C. Williams, 39; meteorologist with the U.S. Weather Bureau, and assigned to liaison with the Bureau and the Great Lakes-Illinois River Basin project of the U.S. Public Health Service; 14 November.

Erratum: In the announcement of the appointment of Gail L. Miller to the faculty of the University of Michigan (30 Oct., p. 682), Dr. Miller was erroneously described as a Nobel laureate.

Erratum: Misplaced punctuation changed the meaning of N. G. Neare's lyrical tribute to snails in his letter in the issue of 27 November. The correct version:

Let's not bewail the lowly snail
At several ergs retrorse,
But rather hail that for his scale
He matches man or horse
If each is first complete immersed.
Test Jobin, dunked, or Ippen,
One-third his weight athwart his pate;
Assuredly he'd be slippin'!