

oriented wings of many medical schools have tended to retreat from community services, concentrating instead on the encouragement of individual excellence, and that the regional-complex program would provide an opportunity to redress the balance somewhat. It seems likely that the proposed program would indeed have those results. But so far relatively little has been heard about whether the medical schools are fundamentally interested in these new responsibilities, whether they are ready for them, and whether they are prepared for the kind of reorientation that leadership of the regional centers would probably entail.—ELINOR LANGER

Announcements

A subcommittee on low-level **contamination of materials and reagents**, established by the NAS-NRC Committee on Nuclear Science, is concerned with radioactive contamination which is too slight to be a significant biological hazard, but can interfere with scientific measurements in fields requiring the use of low-background, high-sensitivity radiation detectors. The major aim of the subcommittee is to help produce and disseminate information on extent and degree of such contamination, and on methods of evaluating and controlling it. The subcommittee invites suggestions, comments, and results of measurements. Correspondence should be sent to the chairman, E. C. Anderson, Los Alamos Scientific Laboratory, Los Alamos, New Mexico.

Grants, Fellowships, and Awards

The department of psychiatry of the University of Washington medical school is offering a training program in **psychological methods for anthropologists** for advanced anthropology graduate students in the area of culture and personality study. The program will be 1 year, and will focus on testing techniques, interviewing, observational study, and personality theory. Stipends of \$3000 are available for fourth-year students. (L. Y. Rabkin, Department of Psychiatry, University of Washington Medical School, Seattle)

The **Parenteral Drug Association** is offering a \$1000 award for the manuscript it considers best, submitted by a U.S. or Canadian pharmacy school

student. General fields of interest for the papers include pharmacy, biochemistry, analytical chemistry, microbiology, pharmacology, quality control, organic chemistry, parenteral manufacturing, and related disciplines. Manuscripts may be 2500 to 5000 words long. Deadline: *1 July*. (Administrative Office, Parenteral Drug Association, Western Saving Fund Building, Broad and Chestnut Streets, Philadelphia, Pennsylvania 19107)

Courses

Two courses have been announced by the International Laboratory of Genetics and Biophysics, Naples, Italy. Each course is limited to 16 participants, and will be presented in English. Applications should be by letter, including the applicant's academic affiliation, age, nationality, proficiency in English, scientific training and publications, and two references. They should be sent to Laboratorio Internazionale di Genetica e Biofisica, Casella Postale 104, Naples. The courses are:

Genetics and physiology of bacteriophage, 23 August to 18 September, for postgraduates in mathematics, physics, chemistry, or biology. Participants will perform fundamental experiments to illustrate the properties of bacteriophage and the quantitative experimental methods in the field. Seminars and discussions will be included. Fellowships for all participants will be provided, for travel and living expenses: six each from the International Cell Research Organization under UNESCO sponsorship and from the European Molecular Biology Organization, and four from the International Laboratory of Genetics and Biophysics. Deadline for receipt of applications: *15 June*.

Methods in mammalian cytogenetics, 18–30 October, for research workers in biology and medicine. Laboratory and class work will be given on the following: tissue culture techniques for chromosome analysis, chromosome analysis in primary cultures and in established cultures, study of the dynamics of chromosome complements in heteroploid cultures, cell and chromosome labeling and autoradiographic techniques, and analysis of meiotic chromosomes. Twelve fellowships are offered, six from International Cell Research Organization and six from the laboratory. Deadline for receipt of applications: *1 July*.

Scientists in the News

The new president of the American Pharmaceutical Association is **Grover C. Bowles, Jr.**, director of the pharmacy department of Baptist Memorial Hospital, Memphis, Tenn.

St. Louis University has appointed **H. Waldo Bird** professor of psychiatry and associate dean at the medical school. He has been associate professor of psychiatry at the University of Michigan medical school.

The medical school has also announced the appointment of **Arthur E. McElfresh**, formerly associate professor of pediatrics at Temple University, to be professor and chairman of the department of pediatrics.

Luigi Mastroianni, Jr., professor of obstetrics and gynecology at U.C.L.A. and chairman of that department at Harbor General Hospital, Los Angeles, will succeed **Franklin L. Payne** as chairman of the department of obstetrics and gynecology at the University of Pennsylvania medical school, in June.

Bernard Roizman, of Johns Hopkins University, will become an associate professor of microbiology at the University of Chicago, in July.

Allen Thomas Bonnell, vice president of Drexel Institute of Technology, has been named president of the Community College of Philadelphia.

Kermit Gordon, director of the Bureau of the Budget, will become a vice president of the Brookings Institution 1 June. In the newly created position he will be responsible for Brookings' research and educational programs.

Zebulon Waters White, professor of industrial forestry at Yale, has been appointed associate dean and director of professional studies at the forestry school, effective 1 July.

Morton F. Reiser, professor of psychiatry and director of research at Albert Einstein College of Medicine, Yeshiva University, New York, has been named chief of the division of psychiatry at Montefiore Hospital and Medical Center, New York.

Erratum: Figures 4 and 9 of the report "Reinforcement schedule generated by an on-line digital computer," by Bernard Weiss and Victor G. Laties (30 April, p. 658) were interchanged.