

he says, should follow action by the states to put their tax houses in order, enactment of a tax-credit plan, and consolidation of the numerous federal grants to the states into fewer, broader grant-in-aid programs.

As the Chambers report underscored, the tapping of the potential for increased state tax support of higher education must not be long delayed, for student enrollments and operating costs at the state colleges and universities continue to climb rapidly. And, great as they have been, the increases in state support have not enabled the public institutions either to avoid tuition increases or to meet the quality standards set by the private institutions. The tuition increases have fallen most heavily, of course, on students from low-income families, who make up a large part of the student body at most public institutions.

By some criteria, the quality gap between public and private institutions has been widening. For example, in the private colleges and universities the student-faculty ratio fell by 18 percent during the decade 1953-63, while in the public institutions the ratio increased by 10 percent. Also, the public universities still have not caught up with the private universities in raising faculty salaries. For instance, on the average, a full professor at a state university got \$15,028 in 1966; his counterpart at a private university got \$17,390.

When financial resources are limited, the private schools can protect their standards by refusing to admit more students—an option often not open to a public institution. Indeed, according to the Chambers report, since 1951 total college and university enrollment has increased from about 2 million to 6½ million, and three out of every four of the additional students have entered a public institution. Such pressure puts the public higher-education establishment under great strain, especially in states (such as Massachusetts) which once depended heavily on private institutions, and in those (such as Mississippi) which have had to build up from a very low base of support.

In short, most states recently have been making a strong effort to support their institutions, but the states can do, and will have to do, still better. The needs of the state colleges and universities are such that substantial increases in support from both state and federal sources seem necessary.

—LUTHER J. CARTER

## APPOINTMENTS

**James B. Campbell**, research professor of neurosurgery, New York University School of Medicine, to director of the newly established Milbank Research Laboratories, a joint endeavor of the New York University School of Medicine and the Institute for the Crippled and Disabled. . . . **L. R. Christensen**, New York University School of Medicine, to director of animal facilities, Faculty of Medicine, University of Toronto. . . . **Kenneth Shulman**, director of neurosurgery, Children's Hospital and associate professor of neurological surgery, University of Pennsylvania School of Medicine, to director of the newly established division of pediatrics, Albert Einstein College of Medicine. . . . **John N. Couch**, Kenan professor, University of North Carolina, will retire after 45 years at the university. . . . **Harold Barnes**, senior principal scientific officer, Scottish Marine Biological Association, and editor of the *Annual Review of Oceanography and Marine Biology*, to visiting professor in the biology department and the Institute for Marine Science, Adelphi University, Garden City, New York, for the fall semester. . . . **Lord Penney**, head of the British Atomic Energy Authority, to rector, Imperial College, London. He will be succeeded by **John M. Hill**, who has been in charge of production for the authority since 1964. . . . **Thomas P. Almy**, professor of medicine, Cornell University College of Medicine, and director, second (Cornell) medical division of Bellevue Hospital, to chairman of the department of medicine, Dartmouth Medical School; and **James C. Strickler**, assistant to the president, New York Hospital-Cornell Medical Center, and assistant professor of medicine, Cornell University College of Medicine, to associate dean and associate professor of medicine, Dartmouth Medical School. . . . **Paul Greengard**, director, department of biochemistry, Geigy Research Laboratories, Ardsley, N.Y., to director, department of neuropharmacology in the newly established Institute for Basic Research in Mental Retardation, New York State Department of Mental Hygiene, Staten Island. . . . **F. Lyth Hudson**, member of the department of polymer and fiber science, University of Manchester, England, to the Institute of Paper Chemistry, Appleton, Wisconsin, on a National Science Foundation fellowship.

## RECENT DEATHS

**Gordon W. Allport**, 69; professor of psychology, and former chairman of the psychology department, Harvard University; 9 October.

**Lela V. Barton**, 65; retired plant physiologist, Boyce Thompson Institute for Plant Research, Yonkers, N.Y.; 31 July.

**Francis T. Coleman**, 58; former medical director of Catholic University; 15 October.

**George F. Dick**, 87; former chairman of the department of medicine, University of Chicago, and co-developer of a vaccine for scarlet fever; 11 October.

**Lewis K. Downing**, 71; dean emeritus of the School of Engineering and Architecture, Howard University; 19 October.

**Howard E. Higbie**, 57; director of strategic analysis, Center for Navy Analyses; 3 October.

**Sir Cyril Hinshelwood**, 70; Nobel prize winner in chemistry, retired professor of chemistry, Balliol College, Oxford, and former president of the Royal Society; 9 October.

**Clearhos G. Logothetis**, 53; head of the Middle East-South Asian section, Office of the Foreign Secretary, National Academy of Sciences; 16 October.

**Charles R. Niffenegger**, 44; supervisory research chemistry, underwater explosions division, Naval Ordnance Laboratory; 29 September.

**A. Nelson Sayre**, 66; retired chief of Ground Water Branch, and staff scientist, Water Resources Division, U.S. Geological Survey; 12 October.

**Hugo H. Schaefer**, 75; dean emeritus of Brooklyn College of Pharmacy, Long Island University; 27 September.

**Waldemar T. Schaller**, 85; former chief mineralogist of the U.S. Geological Survey; 28 September.

**Frederick W. Schwartz**, 84; professor emeritus of analytical chemistry, Rensselaer Polytechnic Institute; 25 September.

**William V. Silverberg**, 70; one of the founders of the Academy of Psychoanalysis and first president of the Association for the Advancement of Psychoanalysis; 10 October.

**Robert C. Tyron**, 66; former chairman of the department of psychology, University of California, Berkeley; 27 September.

**Bertram Vogel**, 49; head of the psychology department, Newark State College; 28 September.