

him, since environmental critics might have been expected to react unfavorably if the EPA top official came from Commerce.

Tribus obviously feels that the appointment of a Justice Department man to head EPA will influence its outlook and says he thinks it is a "mistake to convert EPA into an enforcement agency." He adds that he regrets "it is necessary to go several levels down in the new agency before you find technical expertise." He also notes that the administrator's job at NOAA is still open and he hopes the person chosen will be "technically qualified."

This is clearly a sore point with Tribus. In civilian agencies, says Tribus, "There are no significant jobs in the government outside space, the Atomic Energy Commission, and the Bureau of Standards where line authority—what is called 'clout'—is held by technical people. In this town they're ultimately going to have to face this question. Scientists, engineers, and technical people are dealt out."

Tribus, who was dean of the Thayer School of Engineering at Dartmouth before joining the Administration and who did consulting and held business directorships while an academic, sees political expediency in some requirements of recent antipollution legislation but hardly fits the mold of an apologist for business.

In speeches and in private conversations he has criticized industry leaders, who he says in many cases are incapable of dealing with environmental problems. "They don't really understand the technical content of problems." For example, Tribus says that "economists have a distorted view of the costs of antipollution devices." The economists, he says, simply add the cost of antipollution technology to production costs, and business executives accept this practice. Tribus feels that it is necessary to "dig more deeply into industrial processes." He says there is a lot of what he calls "slop," that is, inefficiencies in many systems, and that it should be possible to cut pollution and increase efficiency without incurring devastating increases in costs.

Tribus, of course, has won some as well as lost some. He feels good progress was made in weather modification research under his chairmanship of the Interagency Committee on Atmospheric Science. He is credited with getting standards on flammable fabrics pushed through rapidly. And his office

has acquired new responsibility for research and for assessing needs and projecting demands in telecommunications.

Tribus, nevertheless, fits the part of the frustrated technocrat. He insists, however, he is not angry at anyone. "I don't want to slam the door. I have a lot of respect for civil servants and I understand the constraints on public officials."

APPOINTMENTS



R. W. Lyman



J. L. Gibbs, Jr.

At Stanford University, **Richard W. Lyman**, acting president to president; and **James L. Gibbs, Jr.**, professor of anthropology, to dean of undergraduate studies. . . . **Jack K. Williams**, vice president for academic affairs, University of Tennessee, to president, Texas A&M University system. . . . **Robert G. Chollar**, a vice president of the National Cash Register Company, to full-time president, Charles F. Kettering Foundation and the Institute for Development of Educational Activities, Inc. . . . **James A. Perkins**, executive director, Center for Educational Inquiry, to chairman of the board and chief executive officer, International Council for Educational Development. . . . **Walter Williams**, director for research development, National Planning Association, to director of research, Institute of Governmental Research, University of Washington. . . . **Louis Kaufman**, dean, School of Business Administration, California State Polytechnic College, to president, Los Angeles City College. . . . **Marlan Blissett**, assistant professor of political science, Purdue University, to acting director, science and public policy program, at the university. . . . At the University of Illinois Medical Center, Chicago, **Carl Cohen**, professor of genetics, to director of the new Center for Genetics; and **Truman O. Anderson**, associate professor of medicine and microbiology, to dean, School of Basic Medical Sciences. . . . **L. H. Lange**, chairman, mathematics department, San

Jose State College, to dean, School of Natural Sciences and Mathematics at the college. . . . **Herbert L. Toor**, head, chemical engineering, Carnegie Institute of Technology, Carnegie-Mellon University, to dean, Carnegie Institute of Technology. . . . **William H. Dennen**, chairman, geology department, University of Kentucky, to acting dean, Graduate School at the university. . . . **Rubin Bressler**, chairman of pharmacology and clinical pharmacology, Duke University, to chairman, pharmacology department, University of Arizona. . . . **John M. Crothers**, director, University of Tennessee-Memphis State University Center for Advanced Graduate Study, Memphis, to chairman, education department, University of Tennessee, Nashville. . . . **Abbott L. Ferriss**, research sociologist, Russell Sage Foundation, to chairman, sociology department, Emory University. . . . **Fred M. Gardner**, vice president and treasurer, Hi Tech Industries, Inc., Conn., to chairman, physics department, University of Hartford. . . . **Eugene B. Skolnikoff**, visiting research scholar in Geneva at the European Centre of the Carnegie Endowment for International Peace, to head, political science department, M.I.T. . . . **James E. Eckenhoff**, chairman, anesthesia department, Northwestern University Medical School, Chicago, to dean of the school. . . . At the University of Missouri, Rolla, **Harold Q. Fuller**, chairman, physics department, to dean, College of Arts and Sciences; and **Robert J. Bell**, associate professor of physics, to chairman, physics department. . . . **Julius R. Krevans**, dean for academic affairs, Johns Hopkins University, to dean, School of Medicine, University of California, San Francisco. . . . **Laurence Bellagamba**, professor of education, Montclair State College, to dean of education at the college. . . . **Anson R. Bertrand**, chairman, agronomy department, University of Georgia, to dean, College of Agricultural Sciences, Texas Technological University. . . . **Daniel K. Bloomfield**,

assistant clinical professor of medicine, Case Western Reserve University, to dean, School of Basic Medical Sciences, University of Illinois, Urbana. . . . **Joseph M. Holthaus**, associate dean, School of Medicine, Creighton University, to dean of the school. . . . **Gerhard H. Mundinger**, campus pastor, University of Colorado, Boulder, to dean, College of Arts and Sciences, University of Denver. . . . **Peter H. J. Nash**, director of graduate curriculum in community planning and area development, University of Rhode Island, to dean of environmental studies, University of Waterloo, Ontario. . . . **Albert W. Spruill**, professor of education and psychology, A&T State University, to dean, Graduate School at the university. . . . **Raymond W. Barratt**, chairman, biology department, Dartmouth College, to dean, School of Science, Humboldt State College. . . . **Gordon A. Christenson**, assistant to the president, University of Oklahoma, to dean for university-wide education, State University of New York. . . . **William H. Coffield**, academic vice president, Youngstown State University, to chairman of continuing and higher education, University of Tennessee, Knoxville. . . . **Lowery H. Davis**, chairman of agricultural education, Clemson University, to dean of continuing education, New Mexico State University. . . . **Edwin Diamond**, former senior editor of *Newsweek*, to senior fellow in political science, M.I.T. . . . **Marion Mann**, professor of pathology, College of Medicine, Howard University, to dean of the college. . . . **Julius C. Greenstein**, chairman of biological sciences, Duquesne University, to chairman, biology department, State University of New York College, Fredonia. . . . **Norman Herz**, former project chief for U.S. Geological Survey, to chairman, geology department, University of Georgia. . . . **Kurt Paucker**, associate professor of virology, University of Pennsylvania, to chairman, microbiology department, Medical College of Pennsylvania. . . . **Roger Pearson**, assistant professor of sociology, University of Southern Mississippi, to chairman, sociology department, Queens College, North Carolina. . . . **Jay Roberts**, professor of pharmacology, School of Medicine, University of Pittsburgh, to chairman, pharmacology department, Medical College of Pennsylvania. . . . **Michael R. Schweisthal**, director of postgraduate courses for medical and dental practitioners, University of Kentucky,

to chairman, anatomy department, East Carolina University. . . . **James R. Soukup**, associate professor of government, University of Texas, to chairman, political science department, State University of New York College, Fredonia. . . . **Arthur Uhler, Jr.**, director of research, Computer Metrics, to chairman, electrical engineering department, Tufts University. . . . **John F. Davies**, assistant professor of criminology and sociology, University of Ottawa, to chairman, sociology department, University of West Florida. . . . **Carol M. Elkins**, educational coordinator, School of Medical Technology, Abington Memorial Hospital, Abington, Pa., to chairman of medical technology, University of Pittsburgh. . . . **Ralph Erickson**, chairman of education, Virginia Union University, to chairman of education, Loyola University. . . . **T. Joseph Sheehan**, associate director, division of research in medical education, Case Western University, to chairman of health education research, University of Connecticut. . . . **Paul Slepian**, chairman, mathematics department, Bucknell University, to chairman, mathematics department, Howard University. . . . **George E. Omer, Jr.**, chief, Brooke Army Medical Center Orthopaedic Service, to chairman, new department of orthopaedics, University of New Mexico School of Medicine. . . . **Angus F. Graham**, professor of microbiology, University of Pennsylvania, to chairman, biochemistry department, McGill University School of Medicine, Montreal. . . . **Julian Miller**, professor of chemistry, Columbia University, to chairman, chemistry department at the university. . . . At Stanford University, **Robert T. Schimke**, professor of pharmacology and biology, to chairman, pharmacology department at the medical center; and **David A. Prince**, associate professor of neurology, to acting chairman, neurology department. . . . **John R. Hubbard**, vice president and provost, University of Southern California, to president. . . . **Robert E. Bell**, dean, graduate studies and research faculty and professor of physics, McGill University, Quebec, to principal. . . . **William T. Kabisch**, assistant executive officer, AAAS, to associate professor of anatomy and assistant dean, Southern Illinois University School of Medicine. . . . **Lawrence L. Graves**, interim dean, Graduate School, Texas Tech University, to dean, College of Arts and Sciences at the university.

RECENT DEATHS

George M. Briggs, 86; professor emeritus of agronomy, University of Wisconsin; 23 September.

Harry C. Byrd, 81; former president, University of Maryland; 2 October.

Marinus J. Dijkman, 63; professor of tropical botany, University of Miami; 6 October.

William F. Gericke, 88; former soil scientist, University of California; 29 September.

John S. Gold, 71; professor emeritus of mathematics, Bucknell University; 7 September.

Shirley A. J. Greenwalt, 48; associate professor of physiology, Georgetown University Medical School; 11 September.

Hilmer H. Laude, 83; emeritus professor of agronomy, Kansas State University; 16 October.

Cyril W. Lauritzen, 65; soil scientist, Agricultural Research Service, Utah State University, 15 August.

Marius Lecompte, 68; professor of geology, University of Louvain, Belgium; 21 August.

George W. Minard, 55; professor of chemical engineering, Bucknell University; 1 October.

David Owen, 65; secretary-general, International Planned Parenthood Federation; 29 June.

Wilhelm Raab, 75; professor emeritus of medicine, University of Vermont; 21 September.

Samuel Standard, 71; professor of clinical surgery, New York University School of Medicine; 8 October.

Jessie Wright, 70; former associate professor of physical medicine, Pittsburgh School of Medicine; 6 September.

Chester H. Yeaton, 83; professor emeritus of mathematics, Oberlin College; 7 July.

Erratum: In "Fluorescent labeling of chromosomal DNA: Superiority of quinacrine mustard to quinacrine" by T. Caspersson, L. Zech, and E. J. Modest [170, 762 (1970)] lines 10 through 14 of paragraph 2, column 3, page 762 should read "the optimum concentrations of quinacrine (5 to 10 mg/ml) compared with quinacrine mustard (50 µg/ml) are in the ratio of 100 to 200. . . ."

Erratum: In News and Comment (16 Oct., p. 309) it was erroneously reported that the University of Washington had closed its Department of Mining, Metallurgical, and Ceramic Engineering. Seven students at the university are to be awarded bachelor of science degrees in mining this year and one student is to receive a master of science degree in this field.

Erratum: In "L-Dopa: Effect on concentrations of dopamine, norepinephrine, and serotonin in brains of mice" by G. M. Everett and J. W. Borcherding (15 May, p. 849), a reference [G. Bartholini, M. DaPrada, A. Pletscher, *J. Pharm. Pharmacol.* 20, 228 (1968)] should be added to the first complete sentence on page 850.