

on a 2-year leave of absence from UCLA. He will replace **Elliott W. Montroll**, who has been appointed Einstein professor of physics at the University of Rochester.

IDA, in Arlington, Virginia, near Washington, is a nonprofit corporation sponsored by a dozen universities across the nation; it performs operations research, technical analyses, and economic and political studies for the federal government, primarily for the Defense Department.

Robert G. Loewy, on leave from the University of Rochester as chief scientist of the U.S. Air Force, will become director of the university's space science center, effective 1 September.

Recent Deaths

S. Leroy Brown, 85; professor emeritus of physics at the University of Texas; 15 March.

Arthur Clay Cope, 56; professor of chemistry at Massachusetts Institute of Technology and chairman of the board of American Chemical Society; 4 June.

E. Yale Dawson, 48; plant taxonomist in the botany department of the Smithsonian Institution; 22 June.

Panchanan Maheshwari, 62; chairman of the botany department, University of New Delhi, India; 18 May.

Ann H. Morgan, 84; professor emeritus of zoology at Mount Holyoke College; 5 June.

Charles K. Otis, 56; professor of agricultural engineering at the University of Minnesota; 10 June.

Donald W. Patrick, 60; retired director of the NIH Clinical Center; 5 June.

Richard E. Paulson, 47; program director for special projects, NSF division of undergraduate education in science; 11 June.

Julius M. Rogoff, 82; president and director of the medical research laboratory of the Rogoff Foundation for Research and Training, and professor emeritus of endocrinology at the University of Pittsburgh; 26 June.

Erratum: In a note to his review [*Science* **152**, 746 (6 May 1966)] of C. E. Lindblom's *The Intelligence of Democracy: Decision Making Through Adjustment*, Amitai Etzioni was incorrectly identified. He is a fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford, California. The identification given in the note pertains to Lindblom.

Erratum: In the report "Nonthrombogenic plastic surfaces" [*Science* **152**, 1625 (17 June 1966)], the name of one of the authors was omitted. The authors should have been listed as follows: R. I. Leininger, C. W. Cooper, M. M. Epstein, R. D. Falb, G. A. Grode.

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NEWS IN BRIEF

● **CONGRESS AND SCIENCE:** Senator Gordon Allott (R-Colo.) has introduced S. 2599 to establish a Joint Congressional Committee on Science and Technology. The measure would require the President to submit a report each year setting forth the major policies, plans, goals, and programs of science and technology in government and, insofar as it is known, in nongovernmental organizations, which would be reviewed by the joint committee. The proposed setup would be similar to that of the Joint Economic Committee that reviews the President's Economic Report. The bill was referred to the Committee on Labor and Public Welfare, but no hearings have been scheduled.

● **HUMAN EXPERIMENTATION:** The Public Health Service has issued a new directive governing clinical research involving human subjects. The directive, effective this month, applies to all PHS-supported research, training, and demonstration projects and emphasizes that rights and welfare of human subjects in research projects are the responsibility of the institutions to which the grants are awarded. Preliminary review is suggested prior to application but certification is required—by a group review made by the grantee's institution—of individual projects in which humans are used. The directive is based on a resolution passed by the National Advisory Health Council in December 1965. It states that PHS-supported research should be reviewed by the grantee's institutional associates in order to assure safeguard of humans involved in the investigation. In February the Surgeon General issued a policy statement in which methods to safeguard humans involved in PHS-supported clinical research were listed. The new resolution extends the regulations to all PHS grants and awards for research involving human subjects.

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In a related development, the PHS has awarded a \$100,000 grant to the American Academy of Arts and Sciences in Boston to support inquiry into the "moral and ethical basis" for research involving human subjects. The study will involve a series of conference discussions—in which lawyers and sociologists, as well as physicians and scientists, will participate—based on

prepared analyses of various aspects of the problem. A report of the discussion will be published in a special issue of *Daedalus*, the journal of the Academy, in late 1967 or early 1968.

● **HUMANITIES AWARDS:** Allocations totaling \$4.5 million have been made by the National Endowment for the Humanities for fellowships and grants for various projects. These include a project to publish classics of American literature in accurate and well-edited form to be sold at moderate prices, and a pilot study for the improvement of educational radio and television. Although Congress allowed the Endowment only \$2 million of a \$5-million request for the current fiscal year, there was \$2.5 million left from last year's appropriation. The first batch of fellowships—200 for summer fellowships for young scholar-teachers, 100 for longer fellowships, and 50 to "mature humanistic scholars," teachers, and writers—are to total \$2 million. Recipients of all the fellowships have not yet been named. According to the Endowment's declaration of purpose, there will be an effort made to seek out talent and not to limit the assistance to established scholars. A director of fellowships is to be appointed, as well as advisory boards. The Endowment has stipulated that no institution may have more than one fellow and each state must have at least one. The additional \$2.5 million has been allocated for grants for the various humanistic projects. At the Washington meeting last month, Barnaby D. Keeney, who resigned as president of Brown University, took over as permanent chairman of the Council. Henry Allen Moe has served as interim chairman.

● **GRAND CANYON DAMS:** A group of engineers at Caltech has protested the proposed construction of Marble Canyon and Bridge Canyon dams in the Lower Colorado Basin Project (*Science*, 17 June). In a letter addressed to the House Subcommittee on Irrigation and Reclamation, the engineers at the W. M. Keck Laboratory of Hydraulics and Water Resources at Caltech suggested an alternative steam power project and a "proper" engineering study of other alternatives to Marble and Bridge Canyon dams.