

falling off in the quality of recruits to the corporation, although they admit that the current tightness of the job market has probably worked in Rand's favor. They also make a point of saying that the increasing amount of non-military research being done at Rand has proved a great attraction in hiring, particularly among younger people. At the same time, they note that only a few new employees have specified they will work on nonmilitary projects exclusively.

As for breaches of security, the prevailing view in the think tanks seems to be that risks are inevitable. As one IDA official put it, "Ultimately you have to place faith in the guy who does the work and has access to the documents." That is, unless you do things like put a guard on the Xerox machine, he added half-facetiously. "The Ellsberg case could have happened anywhere," he said. "Once a guy is cleared you have to trust him."

Think-tank sources in the Washington area say there have been no extraordinary checks of classified information since the Pentagon papers case erupted. As one insider said, "We've had no wall-to-wall inventory," or any change in procedures. Several FCRC sources claimed that security regulations on classified material are more tightly observed in the think tanks than in the Pentagon and in many federal laboratories.

Rand officials and Pentagon sources decline to discuss the Ellsberg case while it is before the courts, but the incident has obviously given Rand a sharp sense of insecurity. Control of classified information at the think tanks is governed by the industrial security laws which cover defense plants and defense contractors generally, and any extensive changes in the Industrial Security Manual that limited think tanks' access to classified materials would be a very serious matter for Rand and its peers.

Rand is an organization that lives, so to speak, by its wits, and its relationship with the Air Force and other military patrons depends, of course, on a spirit of confidence as well as on observance of the letter of security regulations.

The Ellsberg case is perhaps the most serious shock yet given this complicated relationship. For Rand staff members the case serves as a reminder of potential difficulties in reconciling loyalty to the nation as defined in security regulations, individual consci-

ence, and loyalty to one's organization.

For Rand at large, the problem is different. Rand styles itself an "independent research organization" and justifies this label by pointing out that it often gives the Air Force information and advice it doesn't like and may not follow. It is fairly well known, for example, that in the 1960's some Rand studies on Vietnam, particularly on bombing effects and counterinsurgency problems, ran counter to the policies followed by the Air Force and the Administration. The impact of the Ellsberg case on Rand's willingness to proffer unpalatable analyses and on the willingness of the Air Force to tolerate pluralism in policy discussions can only be a matter of speculation at this point, but it is a question worth raising.

The realities of the peculiar relationship between Rand and the Air Force would appear to be that they still need each other. On the one hand, an era when serious action on arms control and disarmament seems possible and a rapprochement with China conceivable is a time when the military needs its Rands; for Rand there appears no practical possibility that nonmilitary research will soon provide the volume or continuity of funding that Rand requires. So mutual need is likely to continue to militate against any basic change in the relationship.

—JOHN WALSH

## RECENT DEATHS

**Roger Adams**, 82; retired head, chemistry department, University of Illinois; 6 July.

**Guinevere S. Chambers**, 54; professor and chairman, child development and child care department, School of Health Related Professions, University of Pittsburgh; 2 July.

**Manton Copeland**, 89; retired professor of natural science, Bowdoin College; 22 May.

**John C. Cunningham**, 61; chairman, ophthalmology department, College of Medicine, University of Vermont; 19 June.

**John B. Enright**, 61; former professor of veterinary public health, University of California, Davis; 15 June.

**Stanley B. Fracker**, 82; retired entomologist, U.S. Department of Agriculture; 15 June.

**Albert Gail**, 62; former professor of

aeronautical engineering, Georgia Institute of Technology; 28 May.

**Arthur W. Grace**, 77; retired professor of dermatology, Long Island College of Medicine; 1 July.

**Helen Hart**, 70; professor emeritus of plant pathology, University of Minnesota; 2 May.

**Isabel W. Howell**, 54; professor of biology, Knoxville College; 4 March.

**Alvin Johnson**, 96; president emeritus, New School for Social Research; 7 June.

**Paul Karrer**, 82; Nobel Prize winner and former professor of chemistry, University of Zurich; 18 June.

**William S. McCann**, 81; first chairman, medicine department, University of Rochester Medical School; 10 June.

**James E. McDonald**, 51; professor of meteorology and climatology, and senior physicist, Institute of Atmospheric Physics, University of Arizona; 13 June.

**Frank J. McGowan**, 73; former clinical professor of surgery, New York University Medical School; 13 June.

**Robert J. McIlroy**, 59; professor and dean of agriculture, University of Queensland, Australia; 29 March.

**Faith S. Miller**, 62; associate professor of anatomy, Tulane University School of Medicine; 11 June.

**Irving Miller**, 54; former associate professor of epidemiology and community health, mathematics and statistics, University of New Mexico; 27 June.

**Julian C. Miller**, 75; professor emeritus of horticulture, Louisiana State University; 13 April.

**Chester O. Newlun**, 83; former president, Wisconsin State University; 2 May.

**Vasily V. Parin**, 68; physiologist and member, Soviet Academy of Sciences; 15 June.

**Walter J. Richards**, 52; chairman, psychology department, University of Arkansas; 17 April.

**Paul L. Risley**, 65; former chairman, biology department, University of Oregon; 10 May.

**Wendell M. Stanley**, 66; professor of molecular biology and biochemistry, University of California, Berkeley; 15 June.

**Edwin A. Whitman**, 83; associate professor emeritus of mathematics; Carnegie-Mellon University; 16 June.

**Emil Witschi**, 81; professor emeritus of zoology, embryology, and endocrinology, State University of Iowa; 9 June.

**Richard L. Wolfgang**, 42; professor of chemistry, Yale University; 19 June.