

experiment with interdisciplinary science and only a minority are likely at present to find administrative and faculty support for working out such ventures.

A practical problem arises out of the need to reconcile the government requirement for accountability of funds to Parliament with the professor's traditional freedom to choose how he spends his time. In the solicitation of major support for university research the issue of scientific freedom versus fiscal responsibility is a potential cause of irritation which can be partially alleviated by care in the drafting of proposals. But as a general trend it appears that academic freedom is inversely proportional to apparatus costs.

In any university there are some faculty members who fear that cooperative arrangements with a government agency, while beneficial in the short run, have a harmful long-range effect because:

- departments may lose their freedom to develop into areas which have been preempted by the external research agency.
- graduate students, attracted by the federal facilities, may drift away from the intra-mural departments.
- as a consequence of the foregoing the quality of the faculty may decline, and
- the administration may postpone development of laboratory space and apparatus because of temporary use of federal installations.

In a faculty where views like these are decisive, either by reason of the influence or number of their exponents, attempts to develop cooperation are unwarranted.

In the next section there is a statement of FRB policy towards joint enterprises with universities. This has been developed out of observation of our failures and occasional successes in the past.