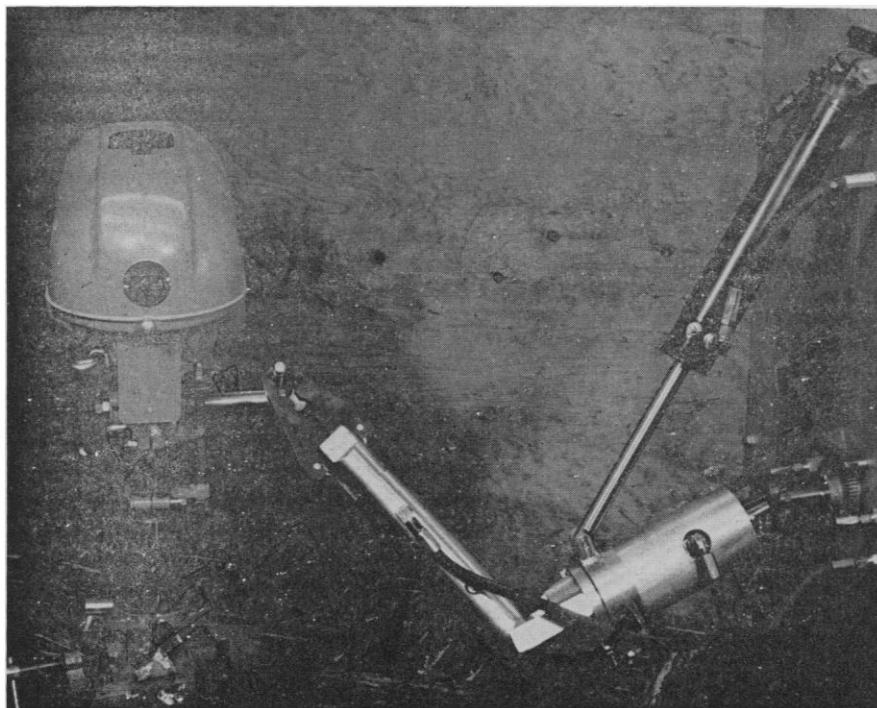


The center will be directed by Admiral Jerauld Wright, NATO Supreme Allied Commander Atlantic, who will establish the basic lines of research. In addition, a council of scientists will be organized within NATO as a board of advisers.

### Mobile Robot Operated by TV

A remote-control handling machine for use in radioactive laboratories has been developed by the Hughes Aircraft Company. The mobile robot, called Mobot, can lift, place, and invert dangerous radioactive materials, operate equipment, and use auxiliary tools such as wrenches, screwdrivers, hammers, and shears. Mobot functions electrically by cable or radio link. Sitting outside a shielded room, an operator watches Mobot's work on closed-circuit television. Television cameras mounted on the walls of the room provide an over-all picture of the environment, while cameras on top of the machine afford forward and rear-direction views and close-ups of the gripping device, pincers that can be adjusted to either a light touch or a 200-pound squeeze. A microphone enables the operator to hear the machine grasp an object.

Mobot was developed for Hughes' program of experiments to measure the effects of atomic radiation upon electronic components. This work is being carried out in the company's new underground nuclear laboratories.



Mobot, the Hughes Aircraft Company's new remote-control handling machine, operates a drill inside a radioactive room.

### AAAS Socio-Psychological Prize

Through the generosity of an anonymous donor, the AAAS offers an annual prize of \$1000 for a meritorious essay in socio-psychological inquiry. Previous winners of this prize and the titles of their essays have been: Arnold M. Rose, "A theory of social organization and disorganization"; Yehudi A. Cohen, "Food and its vicissitudes: a cross-cultural study of sharing and non-sharing in sixty folk societies"; Herbert C. Kelman, "Compliance, identification, and internalization: a theoretical and experimental approach to the study of social influence"; and Irving A. Taylor, "Similarities in the structure of extreme social attitudes."

The conditions of competition for the prize to be awarded at the 1959 annual meeting, Chicago, Illinois, 26-31 December, are as follows:

1) The contribution should further the comprehension of the psychological-social-cultural behavior of human beings—the relationships of these hyphenated words being an essential part of the inquiry. Whether the contributor considers himself to be an anthropologist, a psychologist, a sociologist, or a member of some other group is unimportant as long as his essay deals with basic observation and construction in the area variously known as social process, group behavior, or interpersonal behavior. For ease of reference in the rest of this statement, this general area will be called "social behavior."

2) The prize is offered to encourage studies and analyses of social behavior based on explicitly stated assumptions or postulates, which lead to experimentally verifiable conclusions or deductions. In other words, it is a prize intended to encourage in social inquiry the development and application of dependable methodology analogous to the methods that have proved so fruitful in the natural sciences. This is not to state that the methods of any of the natural sciences are to be transferred without change to the study of social behavior, but rather that the development of a science of social behavior is fostered through observation guided by explicit postulates, which in turn are firmly grounded on prior observations. It may be taken for granted that such postulates will include a spatial-temporal framework for the inquiry. It may properly be added that the essay should foster liberation from philosophic-academic conventions and from dogmatic boundaries between different disciplines.

3) Hitherto unpublished manuscripts are eligible, as are manuscripts that have been published since 1 January 1958. Entries may be of any length, but each should present a completed analysis of a problem, the relevant data, and an interpretation of the data in terms of the postulates with which the study began. Preference will be given to manuscripts not more than 50,000 words in length. Entries may be submitted by the author himself or by another person on his behalf.

4) Entries will be judged by a committee of three persons considered well qualified to judge material in this field. The judges will be selected by a management committee consisting of the chairman and the secretary of Section K and the executive officer of the AAAS. The committee of judges reserves the right to withhold the prize if no worthy essay is submitted.

5) Entries should be sent to Dael Wolffe, Executive Officer, American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington 5, D.C. Entries should be submitted in quadruplicate. Each entry should be accompanied by six copies of an abstract not to exceed 1200 words in length. The name of the author should not appear anywhere on the entry itself but should be enclosed on a separate sheet of paper which also gives the author's address and the title of his essay. Entrants who wish to have their manuscripts returned should include a note to that effect and the necessary postage. To be eligible for consideration for the prize that will be awarded at the 1959 annual meeting of the association, entries must be received *not later than 1 September 1959*.