GENERAL SCIENCE

Private Lives Invaded

Leading scientists on AEC committee protest FBI clearance for Atomic Energy Commission fellowship holders as "federal interference with private lives of citizens."

➤ STRONG disapproval of the requirement that all holders of AEC fellowships be cleared by an FBI investigation is expressed by the nine members of the Atomic Energy Commission's general advisory committee headed by Dr. J. Robert Oppenheimer, director of the Institute for Advanced Study. Partial text of the statement follows:

Admittedly, the tensions of the times and the secret nature of the atomic energy work require elaborate checks for all who have access to classified material. But to carry over the same security concepts to holders of fellowships who will in no way have access to secret or confidential information seems to us both unwise and unnecessary.

It is clear that these requirements of FBI investigation of prospective holders of AEC fellowships would be to extend still further the area of federal interference with the private lives of citizens. We use the word 'interference" advisedly, for it is evident that the type of questioning of friends, relatives, and acquaintances required by the investigative procedures of the FBI do constitute an encroachment on the private affairs of many people.

To repeat, we grant this to be necessary in these times in those cases where persons are to be employed on secret government matters. But we are horrified by the prospects of moving this whole semi-police apparatus into the realm of youth. We believe that the reputation of many young people of the country might be adversely impaired by rumors growing out of such system of investigation of prospective fellowship holders.

Older people can see in proper perspective calls from FBI agents, they can answer questions about acquaintances without feeling that the man being investigated is under suspicion. But young people of university age are likely to react quite differently. An atmosphere of suspicion and uncertainty is likely to be generated by the activities of federal agents among many groups of friends in colleges, universities, and in local communities.

In short, the results of requiring investigations of candidates of fellowships will have serious repercussions throughout the country . .

Against the evil effects which we believe will probably follow the adoption of the proposals for FBI clearance of AEC fellows, let us place the possible gains. Let us admit that without such clearance an occasional clandestine member of the Communist party might receive a fellowship. But even the proponents of the proposals do not contend that security will be thereby endangered, for the holder of the fellowship has no privileges in regard to classified information.

If after completing his studies the fellow wishes to work for the government he will be subjected quite properly to a thorough check which will reveal his affiliations if he is a Communist and he will be rejected. At the worst the government will have then spent its money on a man who can not be used for the furtherance of the national security.

But leaving aside the question of cost to the government, we submit the risk that a very few Communists may receive training though an open and uninvestigated

fellowship program represents a negligible loss, as compared to the bad effects on the spirit of our nation which would result from a further extension of counter-espionage methods to those of college age.

Besides Dr. Oppenheimer, the committee consists of: Dr. Oliver E. Buckley, President, Bell Telephone Laboratories; Dr. James B. Conant, President, Harvard University; Dr. Lee A. DuBridge, President, California Institute of Technology; Dr. Enrico Fermi, Professor of Physics, Institute for Nuclear Studies, University of Chicago; Dr. I. I. Rabi, Chairman, Department of Physics, Columbia University; Hartley Rowe, Vice President and Chief Engineer, United Fruit Company; Dr. Glenn T. Seaborg, Professor of Chemistry, University of California; Dr. Cyril S. Smith, Director, Institute for the Study of Metals, University of Chicago. Chicago.

Science News Letter, August 13, 1949

SCIENCE NEWS LETTER

VOL. 56 AUGUST 13, 1949

46,600 copies of this issue printed

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N. W., Washington 6, D. C., NOrth 2255. Edited by WATSON DAVIS.

Subscription rates: 1 yr., \$5.50; 2 yrs., \$10.00; yrs., \$14.50; single copy, 15 cents, more than x months old, 25 cents. No charge for foreign

Change of address: Three weeks notice is required. When ordering a change, please state exactly how magazine is now addressed. Your new address should include postal zone number if you have one.

Copyright, 1949, by Science Service, Inc. Republication of any portion of SCIENCE NEWS LETTER is strictly prohibited. Newspapers, magazines and other publications are invited to avail themselves of the numerous syndicate services issued by Science Service. Science Service also publishes CHEMISTRY (monthly) and THINGS of Science (monthly). publishes CHEMIS Science (monthly).

Printed in U. S. A. Entered as second class matter at the post office at Washington, D. C. under the act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to periodical Literature, Abridged Guide, and the Engineering Index.

Member Audit Bureau of Circulation. Advertis-ing Representatives: Howland and Howland, Inc., 393 7th Ave., N.Y.C., PEnnsylvania 6-5566 and 360 N. Michigan Ave., Chicago. STAte 4439.

SCIENCE SERVICE

The Institution for the Popularization of Science organized 1921 as a non-profit corporation.

Board of Trustees—Nominated by the American Association for the Advancement of Science: Edwin G. Conklin, Princeton University; Karl Lark-Horovitz, Purdue University; Kirtley F. Mather, Harvard University. Nominated by the National Academy of Sciences: Harlow Shapley, Harvard College Observatory; R. A Millikan, California Institute of Technology; L. A. Maynard, Cornell University. Nominated by the National Research Council: Ross G. Harrison, Yale University; Alexander Wetmore, Secretary, Smithsonian Institution; Rene J. Dubos, Rockefeller Institute for Medical Research. Nominated by the Journalistic Profession: A. H. Kirchhofer, Buffalo Evening News; Neil H. Swanson, Baltimore Sun Papers; O. W. Riegel, Washington and Lee School of Journalism. Nominated by the E. W. Scripps Estate: H. L. Smithton, E. W. Scripps Trust; Frank R. Ford, Evansville Press; Charles E. Scripps, Scripps Howard Newspapers.

Officers—President: Harlow Shapley, Vice Presi-

Officers—President: Harlow Shapley, Vice President and chairman of Executive Committee: Alexander Wetmore, Treasurer: O. W. Riegel, Secretary: Watson Davis.

Staff—Director: Watson Davis. Writers: Frank Thone, Jane Stafford, A. C. Monahan, Marjorie Van de Water, Ron Ross, Lydia Schweiger, Ann Ewing. Science Clubs of America: Joseph H. Kraus, Margaret E. Patterson. Photography: Fremont Davis. Sales and Advertising: Hallie Jenkins. Production: Priscilla Howe. In London: J. G Feinberg.

Question Box

AGRICULTURE

What effect has carbon black on soil? p. 99. Why are geographic doubles being sought? p. 106.

MEDICINE

What new treatment has been found good for acne? p. 104.

NUCLEAR PHYSICS

How will hornets be used in the AEC safety program? p. 98,

NUCLEAR PHYSICS-MEDICINE

What protection is there against exposure to radioactive chemicals in syringes? p. 101.

OPHTHALMOLOGY

Why has a lens been devised to blur vision? p. 104.

PSYCHOLOGY

What are some rules for effective living? p. 102.

PSYCHOLOGY-NUTRITION

If the mother lacks vitamin B-1 what is the effect on the child? p. 105.

Photographs: Cover, p. 99, Brookhaven National Laboratory; p. 101, Naval Medical Research Institute; p. 103, Smith, Kline & French Laboratories.