

Regulation  
No. 70-1-12

24 July 1978

Research and Development  
IN-HOUSE LABORATORY INDEPENDENT RESEARCH PROGRAM

1. Purpose. This regulation prescribes policies and responsibilities for conducting the In-House Laboratory Independent Research (ILIR) Program.

2. Applicability. This regulation applies to Construction Engineering Research Laboratory, Cold Regions Research and Engineering Laboratory, Engineer Topographic Laboratories, and Waterways Experiment Station.

3. References.

- a. AR 70-1
- b. AR 70-31
- c. AR 70-55
- d. AR 70-9

4. Nature of Program. The In-House Laboratory Independent Research (ILIR) Program provides a source of funding to the Laboratory to be used by qualified scientists and engineers to explore new areas of research and development which are in addition to the regularly assigned program and which are judged to be important or promising to the mission of the Laboratory. The program is designed to provide individual scientists and engineers an additional opportunity to maintain and increase their competence by doing original work in areas suiting their talents and interest. Per-missible tasks include basic and applied research, testing, component development, prototype development, concept studies, or compilations of research done elsewhere; all are appropriate provided they contribute toward solution of a problem that is included within the mission assigned to the laboratory.

5. Policy. The following statements set forth the policy which will govern the approval of ILIR Projects and the allocation of funds for their accomplishment.

a. The proposed work should relate to the basic mission of the laboratory.

b. The work must add to the scientific and engineering competence of the Laboratory

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c. Funds should not be used to compensate for deficiencies in the regular funded program.

d. Funds should not be used to support outside or contract work except that required to support work being done by in-house personnel in the execution of a task under this program.

e. The work may involve any discipline and need not be confined to the discipline of work area in which the investigator is principally engaged. (However, when the project relates to disciplines outside the work area, the investigator must coordinate with those normally concerned with the respective disciplines in order to verify the need for and the originality of the idea to be investigated).

f. A judicious balance should be maintained between the amount of time devoted to the proposed project on regular hours and on overtime. Proposals which rely entirely on overtime work will not be favorably considered. Only in exceptional cases will projects be approved which require the full-time employment of the investigator. Normally not more than 25 percent of an investigator's time may be devoted to an ILIR project.

g. All expenses reasonably connected to or directly required for this program may be charged to the ILIR task.

h. Under certain circumstances, the Technical Director may allocate a limited amount of funds as "seed money" to an investigator. This would allow the investigator a reasonable amount of time to refine the scope, objectives and technical approach to the problem before initiating the proposed project.

#### 6. Responsibilities:

a. The Technical Director is responsible for the supervision of ILIR Projects to make it a means of stimulating broad, creative scientific and engineering effort by laboratory personnel. The principal duties in the discharge of this responsibility are:

(1) Approving proposals.

(2) Reviewing progress against expected results or stated objectives.

(3) Approving funding changes within projects.

(4) Terminating completed projects or those projects judged to be unproductive.

(5) Reporting on the program according to AR 70-9 and AR 70-31.

b. The letter report required by AR 70-55 will be prepared by the Technical Director of each R&D Activity participating in the program, as of the end of each fiscal year and be submitted to the Deputy Chief of Staff for Research, Development and Acquisition (DCSRDA), Department of the Army, Washington, D.C. 20310. The letter will be forwarded in sufficient time to be received at DCSRDA by 1 November annually. The subject of the letter will be "Review of In-House Laboratory Independent Research (ILIR) Program, (name of activity) for FY (current fiscal year), RCS CSRDA-105." The following will be included, either in the body of the letter or as inclosures:

(1) Acknowledgement that all DD Forms 1498 (Research and Technology Work Unit Summary) for ILIR efforts have been reviewed and are correct as of 30 June.

(a) For DD Forms 1498 that are current, a listing will be inclosed by agency accession number (block 1 of DD 1498) and date of last review.

(b) For DD Forms 1498 that required revision, four copies of the revision will be inclosed.

(2) Financial information to include:

(a) Amount of funds unobligated on 30 Sep for the current and prior fiscal year.

(b) Amount of funds unexpended on 30 Sep for the current and prior fiscal year.

(c) Total amount of new ILIR funds requested for the next fiscal year.

(3) The director's personal appraisal of the ILIR program accomplishments during the fiscal year.

c. Laboratory Scientists and Engineers are responsible for making positive proposals for projects under the ILIR Program when these projects would accomplish the objectives listed in paragraph 4; and for insuring that projects proposed are original in concept, significant to their fields of endeavor and potentially feasible and will:

(1) Submit requests for new "In-House Projects" to the Technical Director.

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(2) Report progress of individual projects annually to the Technical Director.

(3) When a significant change occurs in a project, prepare an updated DD Form 1498 and forward to the programming office for record purposes.

(4) Request additional funds (other than those requested in the annual report) by DF to the Technical Director.

FOR THE CHIEF OF ENGINEERS:

A handwritten signature in black ink, appearing to read "Thorwald R. Peterson". The signature is stylized with a large, prominent loop at the end.

THORWALD R. PETERSON  
Colonel, Corps of Engineers  
Executive Director, Engineer Staff