

1973

ISU Science Teachers' Short Course

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move to each of the population centers or the region during the course of the year will be planned. Community organizations as well as Iowa-based industries will be involved in the planning and execution of many of these programs.

Student programs will be coordinated with the Iowa Junior Academy of Science. An active regional program is being planned in each center. Many of these will include a direct relationship to statewide efforts. Six week summer camps and enrichment programs will provide a strong central core for student involvement and participation. Ultimately at least one teacher and/or community resource person from each region will be involved during the summer as well as a sizable student group. More and more cooperation with industries and service groups is desired and essential for the needed growth and support for these programs. New contacts with industries and service groups in Iowa are always welcomed. Contact with ASSIST headquarters regarding such suggestions will be investigated with dispatch.

Coordination and cooperative support and involvement is central to new pre-service efforts. As the number of new teachers needed each year decreases, the need for programs of higher quality is more apparent. The extent of cooperation among the twenty-eight colleges and the teaching coordinators in the sixteen ASSIST centers is yet to be identified and tried. Conversations and progress to date are promising.

In-Service efforts for improvement in schools is the most obvious activity for ASSIST. It is the one place where there are more ideas and suggestions than can possibly be supported either with financial or human resources during 1973-74. Undoubtedly, regional evaluation teams will have to make decisions and establish priorities. Certainly there is a limit to what can be planned during the summer and what can be implemented during the next academic year. Hopefully, all the ideas can be brought to fruition during future years.

With federal funding so precarious, it is difficult to predict the extent of future federal funding for ASSIST. It is felt, however, that the pilot year can be of great value in getting schools, colleges, and people talking, planning, and working together. The ultimate goal of statewide

improvement can probably be realized if persons of goodwill decide the goals are desirable and worthy of attainment. Improvement efforts may be helped with adequate funds but they cannot be halted altogether without such financial support.

ISU SCIENCE TEACHERS' SHORT COURSE

The annual Science Teachers' Short Course will be held at Iowa State University, March 2 and 3, 1973.

The Short Course is intended for secondary school science and mathematics teachers and is primarily concerned with current frontiers in science and the promotion of ideas and activities that hold high potential for use in the secondary school.

The General Session on Friday morning, March 2, will be devoted to the biological, physical and sociological aspects of the Energy Crisis. Seven departments - Biochemistry and Biophysics, Biology, Chemistry, Earth Science, Metallurgy, Physics and Statistics - will present programs on Friday afternoon and again on Saturday morning.

This year several small, informal "Rap Sessions" will be held for the purpose of providing teachers with an opportunity to discuss and exchange ideas concerning secondary school science and mathematics education.

Teachers interested in Project Physics will meet at 1 p.m. on Saturday, March 3.

Several brochures concerning the details of the Short Course will be mailed to all science teachers and science supervisors in Iowa. Any person interested in receiving a brochure may do so by sending a note or postcard to:

Dr. Frederick P. DeLuca,
Iowa State University
Department of Earth Science
53 Science Hall
Ames, Iowa 50010
