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## films OF THE WEEK

Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

**ESTUARINE HERITAGE.** 16mm, color, sound, 28 min. Covers the role of estuaries as "nurseries" for economically important species such as shrimp, crabs, oysters, clams, menhaden and other finfish; as the habitat of waterfowl and furbearing animals; and as a recreational and esthetic resource. Also depicted are major threats to estuarine resources: pesticides, municipal pollution, industrial waste, dredging and filling, and damming and diversion of streams that flow into coastal areas. Audience: general. Free loan from Audio-Visual Services, Bureau of Commercial Fisheries, Fish and Wildlife Service, Department of the Interior, 1815 North Fort Myer Drive, Arlington, Va. 22209.

**HOW SOLID IS ROCK?** 16mm, color or b&w, sound, 18 min. Designed to stop three times during showing. At each of these stops, students are asked to answer key questions shown on the film by exploring either their past experience or some materials provided by the teacher in an actual investigation. With the information provided on the film and the experience gained in the investigations, the film becomes a unique participation activity related to the strength of rock. Audience: junior high school, high school, college. Purchase color \$265 or b&w \$135 from Encyclopedia Britannica Films, 425 N. Michigan Ave., Chicago, Ill.

**ORIENTEERING.** 16mm, color, sound, 10 min. Explains the rules of this sport, which originated in Sweden in 1918. Orienteering combines vigorous exercise with the development and use of compass and map reading skills. Each participant is equipped with a topographical map and a course and compass to guide him. Each must check intermediary control points in the proper order, and the first to reach the finish line is the winner. Audience: general. Purchase \$135 or rental \$6 from International Film Bureau, 332 S. Michigan Ave., Chicago, Ill. 60604.

**SYNCHROTRON.** 16mm, color, sound, 14½ min. Uses live action and animation to discuss the components and operation of the Cambridge Electron Accelerator (CEA), a high energy physics research laboratory operated by Harvard and MIT. Key components are shown by means of a visit to the accelerator, animation, cutaway models, and blackboard drawings. In the large Experimental Hall, scientists and technicians are shown involved in a variety of experiments to test old and new theories of the basic nature of matter, using bubble chambers, scintillation counters and spark chambers. Audience: high school, college, adult. Purchase from Holt, Rinehardt and Winston, 383 Madison Ave., New York, N. Y. 10017 or free loan from AEC field libraries. (Produced by Harvard Project Physics)

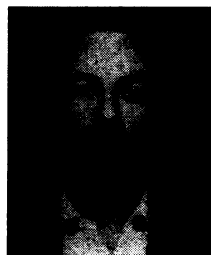
**TOWARD INQUIRY.** 16mm, b&w, sound, 20 min. An exploration of the attitude of teachers and students in the inquiry approaches in science education. The film is made in the classroom and workshop sessions with teachers. Interviews with students and teachers alike provide a greater insight into the obligations, problems, and rewards of inquiry-based teaching techniques. Audience: teachers (pre-professional or in-service teachers). Purchase \$75 from Encyclopedia Britannica Films, 425 N. Michigan Ave., Chicago, Ill., or loan from Earth Sciences Curriculum Project, P. O. Box 1559, Boulder, Colo. 80302.

## LETTERS

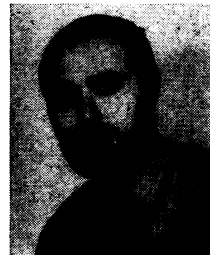
# to the editor

### Both disaffected

Your article on disaffection among scientists (SN: 3/15, p. 257) puts the matter quite squarely. Recent cuts in research funding have forced many scientists to finally take a more critical look at their involvement in questions of life and death; but the source of this conscience gap really lies deeper than a tightness of dollars. Rather it is due to the shrinking of faith in the military-political leadership of this country which led us into the tragedy of Vietnam, and is so lax at meeting our urgent domestic problems. Once this gap has opened up I think it will not be closed simply by feeding in a few dollars to



Charles



Brian

placate us, nor by having DuBridge talk about patriotism. I think a large and growing number of scientists and engineers want to turn away from making weapons of destruction and want the government to help finance new and constructive programs.

The only correction I must make to your article is that the picture shown is not of me but of Brian Schwartz of MIT, another outspoken activist.

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