

## FINANCING

The Academy will pay tuition, travel, and per diem expenses for Fish and Wildlife Service employees sponsored by organizational elements which have provided funds to the Academy for such purposes.

Each announced course includes information on cost to other participants.

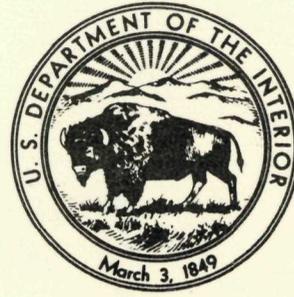
Special programs designed exclusively for Non-Fish and Wildlife Service clients will be delivered at cost.

## FUTURE SERVICE THROUGH THE ACADEMY

In the future the Fisheries Academy plans to expand its services to include

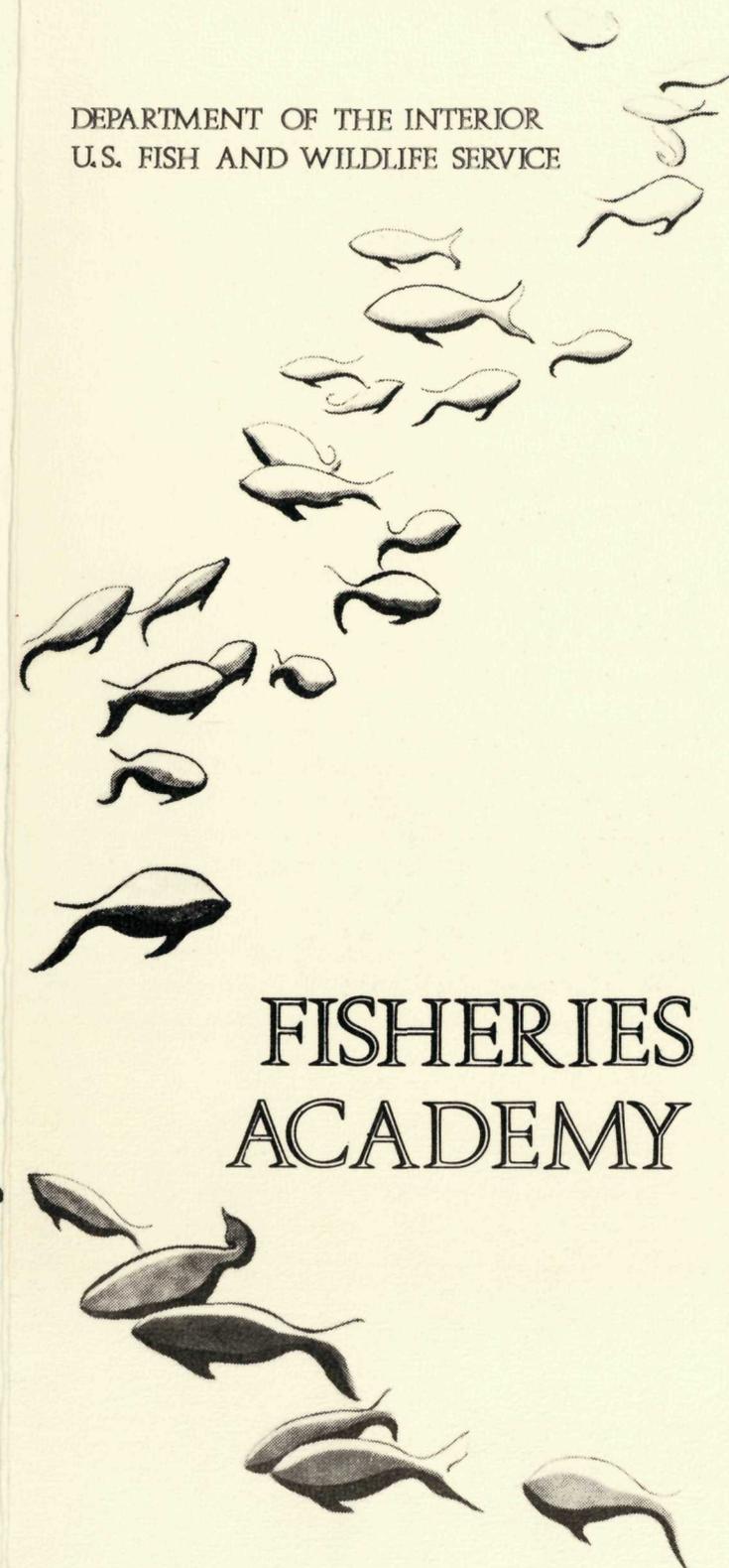
- announcements of applicable short courses given by other agencies
- packaged courses produced on video tape and shipped where needed
- training manuals.

The Academy staff will work in close association with the Fish Educators section of the American Fisheries Society to provide further training and personal development opportunities for professional and technical fisheries workers.



FOR INFORMATION  
CONTACT  
SUPERINTENDENT  
FISHERIES ACADEMY  
NATIONAL FISHERIES CENTER  
ROUTE 3, BOX 49  
KEARNEYSVILLE, WEST VIRGINIA 25430

DEPARTMENT OF THE INTERIOR  
U.S. FISH AND WILDLIFE SERVICE



FISHERIES  
ACADEMY



# FISHERIES ACADEMY

## OBJECTIVE

The objective of the Fisheries Academy is to supplement and extend the basic capabilities of biologists involved in the various aspects of fish husbandry and fish management. Modern methods are used to present courses on current theories and techniques.

## CLIENTS

- U.S. Fish and Wildlife Service
- other federal agencies
- state fish and game departments

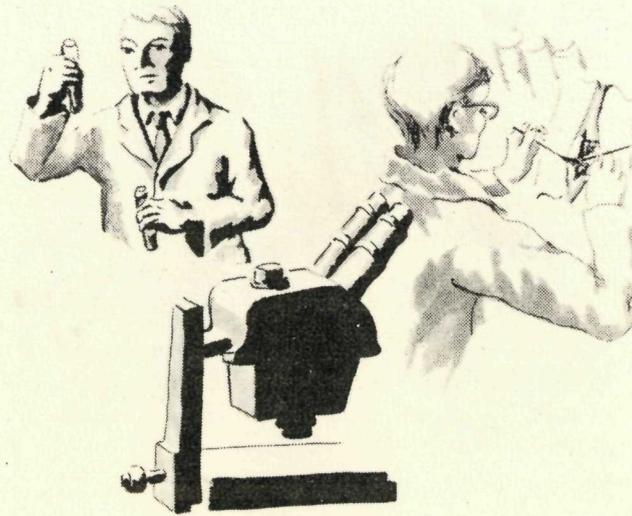
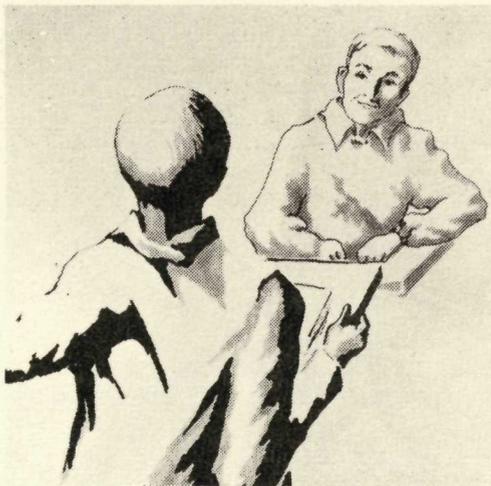
Foreign governments and private agencies are also accommodated on a space available basis.

## OPERATIONAL CONCEPT

The Academy is staffed with course leaders who work with clients to identify their training needs, define the course objective, and control course development to assure that the needs are met.

The leaders enlist the best possible instructors and work with them to develop a tentative outline. The course leader and client discuss this program and make any necessary changes. Instructors and leaders then collaborate on lesson plans and verify these plans with the client.

The Academy prepares manuals and visual aids, arranges classroom and lodging facilities, oversees the program presentation and evaluates the progress to determine its training effectiveness.



## COURSES

Several long courses are taught through the Fisheries Academy:

- Identification and Control of Fish Diseases (7 months)
- Fish Hatchery Management Course (9 months)

Long courses are used when it is necessary to maintain continuity in presenting a large volume of related information.

Short courses (1 to 2 weeks) serve most other continuing education needs and limit the time period that biologists must be away from their work. These courses are offered throughout the United States, depending upon the client's needs.

### Short Courses

- keep motivation high
- minimize manpower shortages at field stations for long durations
- do not disrupt families
- facilitate the use of various training sites
- provide flexibility for instructor's schedules
- allow selectivity of training area

### Teaching Techniques include

- lecture
- discussion
- case studies
- demonstration
- roll playing
- practical application

## FACILITIES

The training building located at the National Fisheries Center in Leetown, West Virginia, provides the Academy with:

- up-to-date equipment
- modern classrooms
- a wet lab which can be modified to accommodate various fish species and problems
- an audio-visual area equipped with video cameras and projectors.

These facilities are also used to prepare short courses which are delivered at sites mutually agreeable to clients and course leader.

The experimental fish hatchery with its raceways, ponds and recirculating water supply is available for training in both warm and cold water fish production.

Students have full use of the National Fisheries Library. With its computer connections to other major scientific centers, this library provides outstanding resource and research possibilities.

Future plans for Academy expansion include

- housing for students and their families
- more classrooms
- innovative hatchery facilities.

