

Biology Majors Go To Teaching

Learning and teaching are getting pretty mixed up for Kalamazoo College biology students.

In fact, from now on, the typical biology major must do both.

The reason for deliberately blurring the line between learning and teaching is the belief that the student who learns-and-teaches learns more and better.

"You almost have to," said one student, "You find yourself working harder when you have to answer questions."

The formula for this new undertaking, required of all upper-class biology majors as of this spring, can be summed up simply: pull together into a course what most Kalamazoo biology seniors do anyway—individual research, seminar-type classroom work, and teaching in the lab with some help from mechanical tutors.

One other thing: the lab teacher gets paid for his 10-hour-a-week assignment.

Up to now, lab teaching has never been a part of any formal required course work, although, for various reasons, 80 to 90 per cent of the biology majors have traditionally worked in

the lab before their graduation. Thus, the new requirement to teach—perhaps exceptional in undergraduate education generally—is based on many years of tradition.

It is hard to measure exactly how valuable the experience is, but many personal reports provide important clues. Dr. Samuel Townsend, chairman of the biology department who graduated from Kalamazoo in 1957, is an example. He recalled that, then as now, it was commonplace for the biology majors to teach in the lab and that the experience helped him in graduate school as much as did his classroom work at Kalamazoo.

Those biology students who have more recently served as lab teachers agreed that the experience has proved of great value to their own education. It was a good way to review what they had already studied; it led to questions they had not thought of before; it gave them new insights into teaching and a closer association with the professors—these and other specific advantages were cited.

The lab assistant is aided by what is known as the "Audio-Tutorial" system, language-lab-like booths containing various teaching devices.

Dramatic Dancers To Appear

The Alvin Ailey American Dance Theatre will present a concert at 8:30 p.m. Monday, March 18, in the Detroit-Institute of Arts auditorium, under the auspices of Detroit Adventure and the University Center for Adult Education.

Now on its first national tour, the company of 12 dancers has recently completed tours of Europe, Africa and the Middle East. They last performed in Detroit in 1963.

The group is called a "dance theater" because it expresses dramatic themes or moods by combining dance forms with instrumental music, song and acting techniques.

Tickets at \$4.50, \$3.50 and \$2.50 are available at Detroit Adventure, UCAE, Detroit Institute of Arts and Hudson's.

WORDS AND MUSIC—Guests at FATAAC's "Happening" Saturday night in the Farmington area YMCA were all smiles as they listened to folk songs performed by Bob Davis.



FATAAC "HAPPENING"—Farmington's teenage in-crowd held a "Happening" Saturday night in the Farmington Area YMCA and spent part of the time in a discussion with (left to right in back) Jim Hinestry and Tom Dukes, of the Metropolitan YMCA urban department.



CONGRATULATIONS, a certificate of service, tie bar and an inscribed watch are given to John Pernicano (center) by General Sales Manager Lauren Wells (left) and Charles Bolduc, manager of service operations for the Detroit Diesel Engine division of GMC. Pernicano, who resides at 7920 Thornwood Drive, Plymouth, has just completed 25 years service.

Farmington Pupils To Show Art Works

Pupils from the 18 Farmington elementary schools have entered over 100 art works in the Oakland Art Education Association Art Exhibition to be held in the special events center at Northland March 14-23.

The exhibit is co-sponsored by the Northland Center Chamber of Commerce. Exhibit chairman is William Harmon, Farmington School District art consultant.

EACH LOCAL school has submitted five entries. Schools and representative exhibits include: Shiawassee -- cardboard block printing; Larkshire -- five-foot camel made of paper mache; Bond -- eight-foot Japanese-style fish kite; Highmeadow -- batik and metal

sculpture; Cloverdale -- paper mosaic; William Grace -- totem pole; Forest -- papier mache mask; Wooddale -- Roman arena tile mosaic. Others are: Leverage -- collages of beans, wood, etc.; Gill-water color impressions; Flanders -- six-foot Egyptian ceramic mosaic; Ten Mile -- 30 ceramic flowers arranged on a tree stump; Fairview -- still-chery on carpeting; Eagle -- psychedelic portrait painting; Beechview -- five-foot mummy; Middlebelt -- cardboard box construction animal; Alameda -- puppets; Kenbrook -- Op art. Exhibit committee members are Farmington art consultants Robert Benjamin, Joanne Brown, Grace Campbell, Beverly Ellis, Bruce Gabel, Norreen Liddy, Gilbert Maxwell and Jean Scott.

Symphony League Gets Ford Foundation Grant

The Ford Foundation has approved a grant of \$360,000 to the American Symphony Orchestra League over a five-year period to strengthen the services of the league to its member orchestras, league president John S. Edwards, general manager of the Chicago Symphony has announced.

THE GRANT will fill the need for professional consulting on a national basis occasioned by the increased participation of cities, states and the federal government in arts activities and the expanding interest in the arts on the parts of foundations and the business community.

Because of this, there is an increasing demand by the orchestras for information and guidelines that relate their goals and problems to national economic and community development data.

SYMPHONY orchestra musicians are facing new challenges because of a changing basis from part time work to year around employment.

Conservation Conference Set At MSU

Michigan youth are on a rampage—an all-out effort to promote conservation practices and improve the state's natural beauty. Spotlighting their concerns will be the Michigan Youth Conference for Natural Beauty and Conservation, according to Ray Gillespie, program leader, 4-H Youth Programs, at Michigan State University. The conference, to be held Saturday, March 16, on Michigan State's campus, is being planned and conducted by the youth themselves under the chairmanship of Mary Hansen of Holland. She represents the Camp Fire Girls in this statewide program.

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