

# THIS WEEKEND ON CAMPUS

### Jazz Club

The Jazz Club will hold its final workshop of the year at 1 p.m. today on the Hetzel Union terrace. The Bob Napier trio will provide the music.

Elections will also be held. Members are asked to bring their membership cards so that they may vote.

### Student Encampment

Applications for the 1962 Student Encampment at Mont Alto are due at 5 p.m. today at the HUB desk.

### Bike Inspection

Today is the last day that bicycles will be inspected and licenses issued in State College. Inspection will be held at the Municipal Building from 9 a.m. to noon and from 1 to 4 p.m. and on campus at parking lot 46 from 10:30 a.m. to 4:30 p.m. The fee is 50 cents.

### Car Wash

A car wash sponsored by the Arnold Air Society and its auxiliary, Angel Flight, will be held from noon to 5:00 p.m. today at the Wesley Foundation. The cost of the wash will be \$1 per car.

### Lecture

Marshall D. Shulman, associate director of the Russian Research Center of Harvard University and professor of international politics at the Fletcher School of International Law and Diplomacy, will speak at 8 p.m. Monday in the HUB assembly room on "What Does Russia Want: Recent Trends and Developments in Soviet Foreign Policy."

### Faculty Luncheon Club

The Faculty Luncheon Club will meet at 12:30 p.m. Monday in HUB dining room A. Angelo Cavell, warden of Rockview Prison, will speak on "Custody Treatment and Agricultural Industries—A Coordinated Program for Rehabilitation."

### Other Events Today

Sports Car Club Rallye and Scavenger Hunt, 1:30 p.m. Begins at graduate circle, apartments parking lot.  
Student films, 7-11 p.m., HUB assembly room.

### Tomorrow

Freshman Class Advisory Board, 7:30 p.m., 203 HUB.  
Junior Class Advisory Board, 6:30 p.m., 218 HUB.  
Omega Psi Phi, 4 p.m., 212 HUB.  
Student films, 7-11 p.m., HUB assembly room.  
Swedenborgian, 10:30 a.m., 212 HUB.  
Thespians, 8 p.m., 212 HUB.  
TIM Jam Session, 2-5 p.m., HUB ballroom.

### Monday

Agricultural Economics Club Picnic, 4-5 p.m., Sunset Park (north of North Halls on McKee Street).  
Alpha Phi Omega, 7 p.m., 212 HUB.  
College of Education Faculty, 3:30 p.m., HUB assembly room.  
College of Physical Education and Athletics, 7 p.m., White Hall recreation room.  
Engineering Mechanics Seminar, 4 p.m., 210 Hammond. Melvin A. Wilkov, assistant professor of engineering mechanics.  
Figure Skating Club, 8 p.m., 217 HUB.  
P.S. Bible Fellowship, 7 p.m., 214 HUB.  
Sigma Gamma Tau, 7 p.m., 203 HUB.  
UCA, 7 p.m., 213 HUB.

### Research Review

# Animal Behavior Studied

By CLAUDIA LEVY

Cat behavior, aggressive activity of starlings and problems of the domesticated trout are among the studies planned to be conducted in the new Small Animal Building.

The Board of Trustees has authorized officers of the University to prepare plans, obtain bids and award contracts for construction of this building, which will be located north of the Research Center on the east end of campus.

A \$154,100 grant from the National Science Foundation will aid in financing the estimated \$308,200 cost of the building.

IT WILL BE used primarily by the Department of Psychology in the College of Education and the Department of Zoology in the College of Agriculture.

Joseph M. Warren, associate professor of psychology, will conduct studies in the learning, problem solving and social and emotional behavior of cats in the new

structure. Biological and environmental variables will be investigated in this long-term problem solving project, Warren said.

The behavior of birds and mammals which reflects the effects of aggressive activity on psychological processes will be investigated under a project directed by David E. Davis, professor of zoology.

"WE ARE CONDUCTING experiments with starlings," John Vandenburg, graduate student associated with the project, said, "by controlling the number of hours of light that a bird receives in one day. The starlings who get less light in the lab tend to be more aggressive than the ones exposed to a longer day."

Experiments in which mice's resistance to disease is lowered are also being conducted, Vandenburg said.

"Mice which do a lot of fighting have low resistance to bacterial infections," he said. "The mice which lose a lot of fights have low resistance," he added.

THE SURVIVAL of domestic fish will be studied in the new building by Edwin L. Cooper, associate professor of zoology, who will use it as headquarters for research on the effects of different environmental experiences on the early behavior of trout.

"We will try to determine if there is any way of feeding trout hatched in the lab different kinds of food so that they will survive better in the wilds," Cooper said.

There is a problem involved with fish who are domesticated and then released, he said. When placed in streams and rivers, they die off quickly.

"We hope to strengthen their chances for survival by experimenting with different kinds of treatment. We also plan to take eggs from undomesticated trout and will try to measure the difference in behavior patterns once the fish hatch," Cooper said.

### Blue Band to Play

The Concert Blue Band, under the direction of James W. Dunlop, professor of music education, will present its annual spring concert at 3 p.m. tomorrow on the Library steps.

Some of the works which the band will play include selections from "Mr. Lucky" by Henry Mancini, Clifton Williams' "The Sinfonians," Livingston Gearhart's "Beguine for Band," and Giuseppe Verdi's "Nabucco."

This is Dunlop's fifteenth year as conductor of the band. He will be assisted by Andrew Christina, graduate student in music education from Fredonia, N.Y.

# Hatcher Writes Arabic Book

By DIANE CROWLEY

The first book on home economics ever to be published in the Arabic language has been written by a University professor of home economics education, Hazel M. Hatcher.

Dr. Hatcher's book, "Adventuring in Home Living," a junior high school textbook, covers such fields of home economics as grooming, cooking, sewing, decorating and entertaining.

PROBLEMS AROSE over the sections of the book dealing with boys in the class or coed parties, since the Arabic culture does not permit this, Dr. Hatcher said. In the translation, therefore, the boys are referred to only as "brothers," and the parties discussed are not mixed.

This book has also been translated into German and Spanish, as has Dr. Hatcher's college text, "Teaching of Homemaking."

Marjorie East, head of home economics education, has had her book, "Display for Learning,"

translated into Spanish and Japanese.

Miriam E. Lowenberg, head of the foods and nutrition department, worked with Dr. Benjamin Spock, well-known child psychologist, on "Feeding Your Baby and Child," which has been printed in Portuguese, Swedish, Italian and two French editions.

Difficulties arose when not only the text but the names of foods had to be changed to meaningful terms for foreign consumers, Dr. Lowenberg said.

Dieticians in each of the foreign countries were asked to work with the translators and to find suitable substitutes for the American foods.

Publishers in the foreign countries first received copies of these books through the United States Information Service, and after receiving permission from the professors, translated the books.

The process took two or three years in some cases, Dr. East said. Publication of the books were usually considered a good will

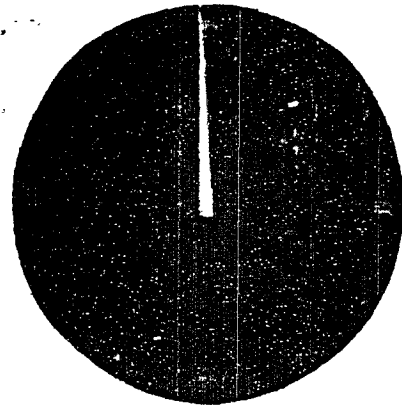
service of the United States and the authors received little or no payment.

JEAN D. AMBERSON, professor emerita of home economics education, has played an important role in furthering home economics education in Formosa, where she taught for three years at the Taiwan Normal University, Dr. East said. Dr. Amberson also published a home economics newsletter when she was in Formosa.

## the fourth dimension: TIME

... still a mysterious concept to science. Time is only an idea, an abstraction... an area of shadow, speculation—and surprise.

MAN WAS CREATED AFTER 11:59... if all time since the earth's creation were condensed into a 24-hour day, the "Age of Man" wouldn't start till 2 seconds before midnight! Even the dinosaurs wouldn't appear until 11 p.m.



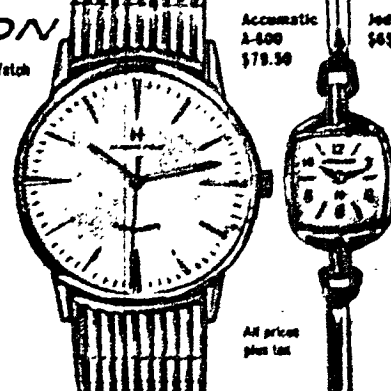
TIME TO GO ASHORE... for the grunion, a California fish, is highest tide of April, May or June. It rides the surf to the beach, digs a hole, deposits eggs and sperm. New generations develop without fear of being washed away until next highest tide, a full month later.



ACCURACY of Hamilton watches depends on microscopic precision. For instance, an important screw in a Hamilton is .032" long, weighs 16 millionths of an ounce, and has 254 threads per inch.

Two products of such precision are illustrated below. A Hamilton is one of the few really fine possessions that will last for a lifetime. See one on your wrist. The Hamilton Watch Company, Lancaster, Pa.

HAMILTON  
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Automatic A-600 \$79.50  
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All prices plus tax

## New College Diner

Downtown Between the Movies

### Visit

The Historic Columbus Chapel and Boal Mansion

4 mi. East on Rt. 322  
10 - 6 Daily  
Students 50c

## Hillel Calendar

### Tonight

Movie . . . 9 p.m.  
"Hiroshima Mon-Amour"

### Sunday

Lox & Bagel Brunch  
10:30 a.m.  
Sponsors: Phi Epsilon Pi

### Independents'

### KOSHER HOAGIE SALE

7 - 10 p.m.

50c per hoagie  
10c for soda

CALL AD 7-2408  
to place your orders

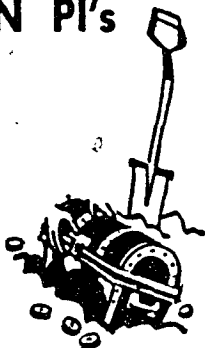
Hillel Foundation  
224 Locust Lane

## LOOK FOR THE MISSING TREASURE

at ALPHA EPSILON PI's  
PIRATE PARTY

featuring Music by  
THE HI-FIVE

and a  
PLEDGE SHOW AT 11:45



• Open to Fraternity Men and their dates at 10:30

COLLEGE MAN SUMMER JOBS  
FULL TIME WORK THIS SUMMER  
EARN \$4,000 BETWEEN MAY & SEPTEMBER  
\$1,000 CASH SCHOLARSHIPS  
EARN IN EXCESS OF \$155

TRAVEL TO RESORT AREAS, PLENTY OF  
TIME FOR BOATING, SWIMMING, AND GOLF  
WIN AN ALL EXPENSE PAID HOLIDAY TO  
LONDON FOR A WEEK

SOME QUALIFIED STUDENTS MAY WORK  
OVERSEAS FOR THE SUMMER

### BASIC REQUIREMENTS:

1. OVER 18 YEARS OF AGE
2. AT LEAST 6 MONTHS OF COLLEGE
3. NEAT APPEARANCE

THOSE STUDENTS WHO QUALIFY MAY  
CONTINUE THEIR ASSOCIATION WITH US  
NEXT SEMESTER ON A PART-TIME BASIS  
PHONE PITTSBURGH, ATLANTIC 1-9355