

# 2 Win Honors At Dairy Show

Fred Seipt, fourth semester dairy husbandry major, was chosen grand champion showman and David Morrow, fourth semester dairy husbandry major, was named grand champion fitter at the 29th annual Dairy Exposition Saturday.

Approximately 500 visitors and students watched as Seipt and Morrow took top honors over the 60 other contestants in the show.

## Ingenuity --

(Continued from page one)

In the West Dorm area, would pick up the FM signals from the transmitter, change them to AM, and then send the converted AM signals over the West Dorm power lines, where AM radio sets in the area could pick up the station over the power lines.

The first step was building the transponder. Scott and Richardson, with some technical assistance from a graduate student named John Thomas, set to work early in the fall, designing and building the transponder themselves. They had no model to refer to, since the thing they were attempting had never been done before.

Finally, by mid-January the transponder was ready. It was set up in the boiler room of Hamilton, just below the post office. Experimentation began.

### West Dorm Gets Station

The transponder worked smoothly, and AM sets in the West Dorm area were actually picking up the station. But Scott and Richardson soon learned that station airplanes are more crowded than even Graham's store. WDFM was being crowded out and receiving interference from more powerful stations no matter what cycle frequency was used.

The result was loud humming and whistling in AM reception. Weeks of further experimentation followed before Scott and Richardson stumbled onto 640 cycles as the best frequency for the converted AM signals. The reason was other stations on 640 cycles did not seem powerful enough to crowd out WDFM.

Sure enough, the two students found that as long as the transponder in the West Dorm area sent out converted AM signals on 640 cycles frequency, there was comparatively little interference.

### Interference Creeps In

Scott and Richardson were congratulating themselves and thinking at last their spare time could be used for something else, when bad news came. The transponder wasn't remaining on 640 cycles. Temperature changes in the boiler room were forcing changes in the cycles. Interference was creeping in again.

The new problem was this—how to keep the transponder steady on 640 cycles, in the face of both temperature changes and sudden shocks. It seemed unsurmountable.

Back to the station workshop

In gaining the title of grand champion showman Seipt was chosen as the champion Guernsey showman and the reserve champion Guernsey fitter. Morrow was named champion Guernsey fitter and reserve champion Guernsey showman to qualify as the grand champion fitter.

### Graham Wins Award

The reserve grand champion showman ribbon was awarded to Polly Graham, sixth semester arts and letters major. Miss Graham was also the champion Holstein showman.

Walter Winstler, fifth semester dairy husbandry major, was the reserve grand champion fitter. Winstler was also the champion Holstein fitter and the reserve champion Holstein showman.

Clarence Dryan, fourth semester animal husbandry major, was the only double breed winner of the day. He received both the Champion fitter and Champion showman awards in the Brown Swiss breed.

Albert Celecki, fourth semester animal husbandry major, was the reserve Champion showman and Earl Berger, second semester dairy husbandry major, the reserve champion fitter in the Brown Swiss division.

### Jersey Division Champ

The champion showman title in the Jersey division went to John Harris, sixth semester agriculture education major, and the champion fitter award to Julius Klein, second semester hotel administration major.

Ida Stotler, sixth semester medical technician major, was named reserve champion Jersey showman and Norman Schue, second semester dairy husbandry major, reserve Champion fitter.

The champion showman in the Ayrshire breed was Robert Eno, second semester dairy husbandry major, and the champion fitter ribbon went to George L. Hartman, fourth semester dairy husbandry major.

Scott and Richardson went, back to weeks of "monkeying around" as Scott put it. The final result was a type of crystal unit, so complicated that the layman could not hope to describe it.

Scott and Richardson hoped to use this crystal unit to hold the transponder's converted AM signals steadily on 640 cycles. At first success seemed unlikely. The crystal unit itself was hard to control. But then, to their great joy, Scott and Richardson, could see the unit would be able to keep the transponder steady on 640 cycles.

# Amendments Approved By Nittany Crews Announced For Howard Play

By TED SERRILL

Three amendments to the Constitution of Nittany Council have been approved by a two-thirds vote of Nittany Dormitory students. Results of a vote on the amendments were announced last night.

A new system of electing Nittany Council officers was provided for by one amendment. The amendment provides for the election of council officers within one week of the beginning of spring final examinations. Officers shall be chosen by plurality vote to serve one year or until their successors are chosen and shall assume office at the last regular council meeting.

The amendment also states that the first council meeting of the fall semester shall be held within one week of elections of dormitory officers. Voting members of council shall be composed of its president, vice president, secretary, treasurer, and presidents of the dormitories. All Nittany area students shall be eligible to run for council offices.

This amendment supersedes the system of electing council officers at the second meeting of the fall term. Under the old system, council officers also held the presidency of their dormitories, and students were not able to run for council offices.

The other two amendments provided for the formation of a recreation committee and a social committee. The recreation committee, which takes the place of the Barons, a former social organization, shall work for the improvement and expansion of recreational facilities and activities throughout the Nittany area, the amendment states.

### Curtis to Talk Tonight

Robert Curtis of the Piasecki Helicopter Corporation will address the Society of Automotive Engineers at 7 tonight in 105 Mechanical Engineering.

Curtis will speak on "The Development of Tandem Helicopters" and will show a film.

Following the talk the society will elect officers.

Crews for the thesis production of Sidney Howard's play, "They Knew What They Wanted," which opens at 7:30 tonight for a three-day run have been announced by Gordon Greer, graduate student in dramatics.

Tickets for the show, which will be presented in the Little Theatre, basement of Old Main, may be obtained free in the Green Room, second floor of Schwab Auditorium.

The Pulitzer prize-winning play is being presented as Greer's thesis production.

Stage co-managers for the show are Harriet Rakov and Charles Berryhill. Nancy May is construction manager and on the crew are Rodney Otto, John Thomas, Patricia Snyder, Duke Miller and Janet Huber.

Make-up manager is Ruth Fitz, and on the crew are Ann Patterson, Carl Held, John Krug, Alyce Mears, and Jeannie Risler.

Marian Schwartz is properties manager, and Isabel Furey is her assistant. On the crew are Richard Speiser, Ruth Kluger, and Edwin Klöse.

Lights manager is Lyle Pelton and Rochelle Zinger is his assistant. On the crew are Rolland Taylor, Peter Bentley, and John Henderson.

Doris Scheck is costume manager while Peggy Lloyd and Shirley Van-Sant are on the crew.

Sound manager is Mary McCommons, and her assistant is Phyllis Yoho.

### AIM Board to Meet

The Association of Independent Men Board of Governors will hold a special meeting at 8 tonight in 102 Willard, Robert Dennis, president, announced yesterday.

### Parmi Nous Fee Due

Parmi Nous members may pay assessment to the Student Union desk in Old Main by 5 p.m. Wednesday.

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## Dean to Leave For Turkey

Edward Steidle, dean emeritus of the College of Mineral Industries and chairman of the Federal Coal Mine Safety Board of Review, will leave this week on a two-month special assignment in Turkey.

The Turkish government has asked Steidle to study its Mining Research and Exploration Institute and to assist with recommendations of needs in development and reorganization of the institute, which corresponds to the Bureau of Mines and the Geological Survey in this country.

## Old Gold Kudos to Philotes President



To Philotes president, Jeanne Keller, congratulations and a carton of Old Golds for fine work in all her college activities.

Old Gold offers discriminating smokers a Treat instead of a Treatment. Light up an Old Gold for the relaxation and pleasure you want from a cigarette. King Size or Regular.

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# CLASSIFIEDS

### FOR SALE

SENIOR FROM SPECIAL — Bostonian patent leather formal shoes (light dancing weight) cut from \$16.95 to \$10.95 at Jack Harper's.

SINGLE-BREADED TUX, size 38, good condition. \$15. Call Dick 2847.

TUXEDO—size 38-40. Excellent condition. Must sell; leaving town. Price \$15. Phone 2919.

### FOR RENT

RENT A TRUCK—move it yourself. Anytime, anyplace. Hertz Rent-A-Truck System Lic., 1020 Green Avenue, Altoona, Penna. Phone 2-3200.

FOUR LARGE double rooms, semi-private bath, private entrance. Centrally located, cool and nicely furnished. Phone 2181.

ATTENTION GRADUATE students and upper classmen. Comfortable rooms for Fall '54 and all summer sessions, newly decorated, with private bath or hot and cold running water. Central location. Quietly operated for rest and study. Low student rates. Phone 4850 or 7792. Colonial Hotel, 123 W. Nittany Ave. Ask for C.R.

TWO MALE students to share apartment during any summer sessions. Close to campus. Call 8-6510 evenings.

SAVE MONEY on that moving job, as many students have. Rent a truck. Local or out of state. Hertz Rent-A-Truck System Lic., 1020 Green Ave., Altoona, Penna. Phone 2-3200.

### TYPING WANTED

TYPING WANTED including theses and term papers. Don't leave yours until the last minute. Call 3068.

### WORK WANTED

IS YOUR typewriter giving you trouble? If so you can have it repaired. Just dial 2492 for pick-up or bring to 633 W. College Ave.

### ROOM & BOARD

INTER-SESSION AND main session. Alpha Zeta fraternity. Call Mrs. Alice M. Crandell, 7621 for complete information.

### WANTED

ALL MEMBERS from Club 43 to go to the Teke and Kappa Carousel at the Spring Carnival.

WANTED, VOLUNTEERS to be interviewed by Dr. Flimsey. He will see you at Carnival.

### LOST

LOST—PINK CADILLAC in Hort Woods on way to KKG-TKE Carousel. Return to carnival booth.

BRADFORD HIGH School ring initials G.A.F. inside. If found call Julie Maybury, ext. 1087.

CLASS RING—inscribed Delta Sigma Phi. Initials G.A.E. class of '55. State Theater or vicinity. Reward. Call 4151 between 5:15-5:45. Chuck.

### MISCELLANEOUS

WILL THE student who had a tire repaired for his father's Olds 88 Sunday morning call 8-6011. Urgent.

BOWLERS: Majority of leagues done. Open alleys any night, any time. Bring your date. Dux Club, S. Pugh St.

FOR A good time come to Spring Carnival. For a fabulous time, come to the Teke-Kappa Carousel.

"DID YOU see that Student Floral Agent taking corsage orders for the Senior Prom last night between 5 p.m. and 7 p.m.? He'll be there through Thursday—be sure and contact him.

FOR YOUR next social affair, would you like your party sandwiches or fancy cookies to have the professional look and homemade flavor? Call Mrs. Garner, 8996 and order.

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