

Choir to Sing Christmas Music at Candelight Hour

The Chapel Choir, under the direction of Willa W. Taylor, will present its annual program of Christmas music at a candelight service at 10:55 p.m. Saturday, and at chapel hour 10:55 a.m. Sunday in Schwab Auditorium.

A brass choir consisting of members of the Blue Band, directed by James W. Dunlop, a brass ensemble under the direction of Rex Rockwell, and a verse speaking choir directed by William W. Hamilton of the Speech department will assist the choir at the services.

Ed Unit to Study Faculty Rating Plan

The Education Student Council formed a committee to investigate possibilities of a faculty rating system at a meeting last night.

The committee will consult with education professors to find a fair means of screening criticism of professor by members of his classes. Terry Moslak, Donna Estabrook, and Harry Shank volunteered to serve on the committee.

In other action, a resolution to the bylaws was passed that all absences to council meetings will be unexcused as of Jan. 8. According to the constitution members accumulating three unexcused absences are dropped from the council.

Sigma Delta Chi To Discuss Plans For Scholarship

Sigma Delta Chi, men's national professional journalism fraternity, will discuss setting up a scholarship for needy journalism students with Samuel K. Hostetter, comptroller, Moylan Mills, president, announced.

The fraternity hopes to start the scholarship with a principal of \$1000, Mills said, adding that most of the money has been secured.

Robert Fraser, seventh semester journalism major, was elected vice-president of the group to replace Paul Poorman who left school for the armed services.

Mills also appointed Fraser chairman of a committee to investigate the holding of a Press Ball for all journalism students and members of campus publications. The committee will consist of two members each from Sigma Delta Chi, Alpha Delta Sigma, men's advertising fraternity, and Theta Sigma Phi, women's journalism fraternity.

James Gromiller was tentatively appointed to edit the fraternity's journalism placement bulletin.

Israeli Sociologist To Speak Here

Arieh Tartakower, Israeli sociologist, will speak on "East and West in Israel and the Near East" at 8 p.m. tomorrow in 121 Sparks.

Tartakower is sponsored by Alpha Kappa Delta and the Hillel Foundation. The lecture is compulsory for all Sociology 1 students.

The author of several books and a great number of articles in various scientific magazines, Tartakower writes mainly on problems of the sociology of the Jews.

At present Tartakower is associate professor of sociology of the Jews at the Hebrew University of Jerusalem. He is also chairman of the Israel Association for the United Nations and a member of the executive committee of the World Hebrew Confederation (Brit Ivrit Olamit).

German Club to Hear Steiner Tonight

The German club will meet at 7 tonight in the Grange recreation room.

The program will include a speech by Dr. Herbert Steiner, associate professor of German, and games. The constitution will be read, and refreshments will be served.

The two 36½-inch cables on the Golden Gate Bridge at San Francisco contain enough wire to build a standard wire fence six feet high on both sides of a highway from Canada to Mexico, 1600 miles.

Judges to Play Santa for WD Window Contest

A group of ten judges will play Santa Claus to two persons in the West Dorms who show the best Christmas decoration display on their window this week.

West Dorm windows have been filled with smiling Santa's, bright noel bells, and other seasonal displays as students prepare their decorations.

Five dollar prizes will be awarded to the winners of the contest, which will be judged at 2 p.m. Saturday. The awards will be made for both the best coeds' and the best men's displays.

The judges are Frank Simes, director of resident counselors; Richard Mills, council president; Ralph Griffith, council vice-president; David Stamm, council secretary; Richard Taglang, council secretary.

(Continued on page eight)

Phi Kappa Phi Initiation Set For 6 Tonight

Phi Kappa Phi, national scholastic honorary, will hold an initiation banquet at 6 tonight in the parish house of St. Andrew's Episcopal Church.

Margaret Patterson, executive secretary for Science Clubs of America will speak on "A Search for Science Talent."

Those to be initiated from the class of June 1951 are Phillip Cook, Marie Egizio, Hazel Gausch, Millard Groben, James Johnson Jr., Corinne Mittleman, Joseph Way, Dwight Younkin.

From the class of August 1951 will be Donald Kline, Edwin Lefkowitz, Ernest Skipper, Robert Wachter. Graduate student initiated will be Sharadchandra Deodhar.

Those from the class of January 1952 will be Gayle Baker, Emma Evans, Henry Gardner, Lois Pulver, Dean Unger, Charles Mann.

Those initiated from the class of June 1952 will be Mary Allen, Daniel Babcock, Malvin Bank, Lila Barnes, Jean Black, Donald Bock, Ronald Bonn, Ann Buchanan, Eleanor Dickson, Ruth Eddy.

Ralph Ego Jr., Margaret Feather, Joseph Geiger, Murray Goldman, Julian Gordon, Gordon Greer, John Jeffries, James Keiz, Dolores Lipkowitz, Raymond Markle, Elaine Notari.

Armine Paul, Jean Richards, Barbara Rogers, Janet Ruslacks, Joanne Straley, Barbara Waska, Robert Wassall, Ruth Wehofer.

Blue Key Photo

Blue Key Hat Society will have its LaVie picture taken at the Penn State Photo Shop at 7:15 p.m. tomorrow.

No Results Listed in Drive

No results are yet available on clothing collected in the Korean clothing drive which began yesterday.

Alpha Tau Omega, service honorary, Androcles, and Blue Key finished distributing bags for the Korean clothing drive contributions to dormitories and fraternities yesterday.

Since only 50 sacks, half the expected number, was received, William Slepik, co-chairman, has asked houses and dormitory units who did not receive sacks to locate the nearest living unit which has and leave their contributions there.

The bags will be collected Saturday by APO and members of the hat societies and early next week a Church World Service truck will be sent from American Relief for Korea committee in New Windsor, Md., to pick up the clothing.

Froth Girl of Month Photos Due Monday

The deadline for submitting photographs for Froth "Girl of the Month" contest is Monday at 5 p.m. Pictures may be turned in at the Student Union desk in Old Main.

Individuals or groups may sponsor women in the contest, or coeds may enter themselves.

'Life' Photographer Takes Pictures of Cavitation Tests

By ARNIE BLOOM

Underwater cavitation experiments at the College's new water tunnel have recently been photographed for possible use in Life magazine, by Life staff photographer Albert Fenn.

Fenn said the picture series would be used as part of the magazine's program of bringing scientific phenomenon down to a level which could be understood by the general public. "Since I don't understand the cavitation phenomenon myself," quipped Fenn, "the series would have to be of an 'un-technical' variety."

Torpedo Problem Different

Operators of the tunnel briefly explained cavitation as the natural phenomenon which causes a trail of air bubbles to form as a rotating propeller runs through the water. The seemingly small, harmless bubbles do cause tremendous damage, especially on ship propellers, they pointed out.

The bubbles eat away the metal surfaces of the propellers causing them to be replaced at frequent

intervals to keep the ship in proper working order.

The problem on torpedoes is somewhat different, the operators added. Here the actual running time is short and the propellers are not eaten away. The cavitation does effect the course which the torpedo follows, however, thus making it a vital problem to take into consideration in submarine warfare.

Expected Short Assignment

Fenn was not attempting to explain this phenomenon of Life readers in his photographic series. He was merely trying to make readers aware of the problem and to present some interesting picture patterns.

When he first got the assignment, Fenn said, he expected to spend no more than two or three days taking the shots. Once he started the work and saw the technical difficulties, he was satisfied to get the necessary pictures in about a week's time.

A typical experiment consisted of bolting down a metal disk three

Dance Band to Give First Performance

The 18-piece all-College concert dance band will give its first performance starting at 2 p.m. Sunday at the TUB.

Organized only since October, the band, under the direction of Jack Huber, was made possible through the Dean of Men's office to give its members experience playing with a group this size and learning to read special arrangements.

Most of the members have had no previous experience of this sort.

Price Assists

"It is for listening not dancing," Huber said. "Sort of Stan Kentonish."

Assisting Huber by coaching the saxophone section is Grant Price. Three music education students, James Bortolotto, James Longo, and Samuel Moldovan, are also helping in the practice sessions which are held once a week.

Members of the band include Richard Stevens and Harold Hess, alto saxophone; John Creigh and William Walker, tenor saxophone; and Duane Beals, baritone saxophone.

Two Vocalists

James Longo, Samuel Moldovan, Joseph Beere, Howard Hallett, and Richard Sorenson, trumpets; James Bortolotto, Darrell Rishel, Robert Dickman, and Carl Bailer, trombones.

Aldan Sharp, piano; Edward Gruber, drums; Norman Weingarten, bass; and Patricia Leis and Ronald Spangenberg, vocalists.

Three of the 12 numbers to be played are original compositions.

New Plan Asked In Pre-registration

The Agriculture Student Council at a meeting last night endorsed, 19 to 5, a recommendation by the agriculture executive committee that some provision for an early registration be provided without setting aside two days for this purpose.

Lyman E. Jackson, dean of the School of Agriculture, will bring this recommendation before the senate.

If this recommendation is passed, it would cut the two free days for pre-registration held every semester.

A Home Economics-Agriculture Council mixer will be held Jan. 15 prior to the next Ag council meeting David Stabler, president of the council, said. The mixer will be held at the Living Center in the Home Economics Building.

Thorbahn in Service

Pfc. George S. Thorbahn, a student at Penn State until September 1950, has been assigned to Pepperrell Air Force Base, in Newfoundland.

Group to Probe Insurance Laws

As a result of the Gentzel fire a motion was passed at last night's Pollock Council meeting to have the public welfare committee investigate state or federal laws on insurance required for public buildings.

The welfare committee was also asked to look into the possibility of having candy machines and cigarette machines for the Pollock dorms and the Pub. The committee will give its report next week.

A square dance will be held Friday, December 14 at the TUB. Admission is free and entertainment will be provided by Jesse James and His Bandits. Pollock Council voted to give the Barons \$10.40 to cover the cost of the dance.

The council announced that those persons interested in using the dark room will have to pay a \$2.00 fee to the Camera Club. In return they will be given the lock combination and the use of the dark room facilities.

AAUW to Offer Graduate Women Scholarship Award

The State College chapter of the American Association of University Women will grant a new annual scholarship for graduate women's study at the College.

The award, to be known as the State College AAUW Scholarship, was accepted by President Milton S. Eisenhower, for presentation to the Board of Trustees when the financial details have been settled.

The scholarship will total \$100 to \$200 and will be awarded by a committee on scholarships in the Graduate School.

There will be no limitation placed on any particular study, and will be awarded to the applicants showing promise of distinguished achievement.

The local AAUW chapter will continue to aid and maintain a fellowship fund and a student fund loan programs.

Take Firearms Home

Dean of Men H. K. Wilson yesterday asked all men who have brought fire arms on campus for the hunting season to arrange to take them home with them at the Christmas vacation.



Make This A Musical Christmas!

You'll find the largest selection of records in town, as well as radios, phonographs, sheet music, gift books on music topics, children's musical toys, harmonicas, and record racks and cases.

Everyone Loves Music! Give The Lasting Gift Of Music!

Beautiful free gift-wrapping. Open 9 a.m. to 9 p.m. Courteous service always... come in today!

