Gibson Will Speak On 'Have a Heart'

"Have a Heart" will be the topic of the Rev. Samuel Gibson, executive director of the University Christian Association, at the Protestant Service of Worship at 9 a.m. tomorrow in the Helen Eakin Eisenhower Chapel.

Music for the service will be provided by the Meditation Chapel Choir under the direction of James Beach. The choir will sing the anthem "Psalm 124," as arranged by Shaw-Parker. Larry Handwerk will be the organist for the service.

The **Lutheran Student Association** will meet at 6:30 p.m. tomorrow at the student center. Rev. Dale Bringman will speak on "For Better, Not for Worse," a discussion of modern courtship and marriage.

Sunday morning seminars will be conducted at 9:30 a.m. tomorrow at the **Westminster Foundation**, at which time new groups will be formed. The topics of discussion will be "Christian Conscience in Contemporary Living" and "Protestant Denominations, That Whats and Whys."

Dr. Milton S. Osborne, head of the Department of Architecture, will speak on "The Expression of Faith in Architectpre" at 6:30 p.m tomorrow at Westminster Fellowship

"Biblical Faith and Political Understanding" will be the subject of a lecture by Dr. Will Herberg at 4 p.m. tomorrow in the Chapel lounge. This is the first in religion and politics, sponsored by a series of lectures concerning the **Committee on Interreligious Affairs.**

The **Wesley Foundation** will present the first lecture of a marriage series at 6:30 p.m. tomorrow at the student center. Mrs. Helen Buchanan, instructor in family relations, will be the guest speaker.

The World Student Day of Prayer, formerly planned for Feb. 14, has been postponed until next week. The date has been changed to conform to the world celebration of the day. The service will be held at 4 p.m. Feb. 21 in the Wesley Foundation.

A Lox and Bagel brunch will be held at 10:30 a.m. tomorrow at the **B'nai B'rith Hillel Foundation.** Hostesses for the brunch will be the Alpha Epsilon Phi sorority.

Masses for **Roman Catholics** will be said at 8, 9:30 and 11 a.m. and 4:30 p.m. tomorrow at Our Lady of Victory Church and at 9 a.m. in Schwab Auditorium. Daily mass is at 5:15 p.m. in the Chapel.

Drew Prof Will Speak At Chapel

Dr. Will Herberg, professor of Judaic Studies and Social Philosophy at Drew University, will speak at the Jewish-Christian Chapel service at 10:55 a.m. tomorrow in Schwab Auditorium.

The theme of Herberg's sermon will be "The Strangeness of Faith."

Adapted Jewish and Christian orders of worship will constitute the service outline to provide an opportunity for members of the Jewish and Christian faiths to worship together.

Clifford A. Nelson, interim director of the B'nai B'rith Hillel Foundation, and the Rev. Preston N. Williams, acting University Chaplain, will lead the Jewish and Christian services of worship.

The combined Hillel Foundation and the University Chapel choirs, under the direction of Willa Taylor, will sing "O God of Bethel by Whose Hand," a Scottish Psalter as the choral introit.

Selections of Hebrew liturgical music and "En Kelohenu," a traditional hymn of the Jewish faith, will also be sung by the combined choirs.

University organist George E. Ceiga will play "Hear O Israel" by Weinberger to open the service; "To Thee We Give Ourselves Today" from "Three Chorale Variations of Hebrew Hymns" by Kohs as the offertory and "Fugue in G major" by Mendelssohn as postlude.

Herberg received his undergraduate, graduate and doctor of philosophy degrees from Columbia University. For many years he served as a research analyst for a branch of the American Federation of Labor.

He has written "Judaism and Modern Man: An Interpretation of Jewish Religion" and "Protestant-Catholic-Jew: An Essay in American Religious Sociology."

Five O'Clock Theatre To Give Original Play

An original one-act play, "The Return," by Janet Durstine, senior in journalism from Ellwood City, will be the first production of Five O'Clock Theatre on Tuesday.

A semester-long program of plays acted, written and directed by students will be given at 5 p.m. each Tuesday in the Little Theatre in the basement of Old Main.

Science Foundation Announces Grant

The National Science Foundation has announced a grant of $33,200 for two years in partial support of the work of the Cyrogenic Laboratory.

Research under this award is directed jointly by Dr. John G. Aston, director of the laboratory, and Dr James J. Fritz, associate professor of chemistry.

This is the third such award made by the Foundation to the laboratory in the past six years. Originally the research supported by the Foundation included only studies of para-magnetism, but support had been broadened to include most of the activities of the Cyrogenic Laboratory.

Students to Be Subjects

Calorimeter Tests to Last 30 Hours

By ED ROLF

Would you like a chance to study for an uninterrupted 30 hours? Or perhaps you'd like a chance to eat some specially prepared meals this semester . . . free. You can do both if you are selected to participate in the next series of experiments with the world famous respiration calorimeter in Armsby Building.

"We never have trouble getting volunteers," said Dr. Raymond W. Swift, head of the animal nutrition department. He is in charge of all experiments conducted in the calorimeter.

Experiments will compare the utilization between one person eating two meals a day and another person eating three meals a day. Both subjects will consume exactly the same number of calories each day. Tests will run during February and March.

Swift said these tests are a variation of the experiments conducted last year. He said, however, that last year's results were inconclusive and required further study this winter.

Students, who are required to eat all their meals in Oak cottage, are placed on a special diet about 10 days before they go into the calorimeter for tests. They are not permitted to eat between meals and may do only normal exercise. Swift said they may drink all the water they wish since this has no nutritional value.

Tests usually run about 30 hours but Swift said subjects have been kept under observation as long as 48 hours. He said, however, that results of the second 24-hour period are identical with the first half of the test, and, therefore, the longer testing period is not needed.

Subjects are tested in pairs in order to reduce boredom. The boys are able to do all normal things in their small confined space. There are two cots and two chairs squeezed into the calorimeter, and boys usually take advantage of the forced confinement to study. Five minutes of exercises are prescribed during the test.

Swift emphasized that there is no danger to the subjects in the calorimeter. Two trained operators are on duty at all times, one of whom is in constant view of the boys in the "tank." Volunteers may talk to the operators at any time by means of an intercom set.

The Armsby Calorimeter was first built in 1903 at the request of the government which gave financial assistance for the construction. Its original purpose was to test the effects of certain foods consumed by cattle and other farm animals. It was first converted to use for humans in 1957.

Dr. Katherine Fisher, of the Foods Nutrition Department of the College of Home Economics, is in charge of the preparation of the meals for the subjects. Each meal is exactly measured each day to determine the number of calories and also the number of grams of protein it contains.

Swift noted that Fisher is a trained biochemist, and he pointed out that such training has led to excellent cooperation between the two departments.

2 Eng Students Receive Grants

James Kushner, sophomore in electrical engineering from Colver, and Stephen Engle, sophomore in electrical engineering from Mahanoy City, are recipients of the Engineering-Architecture Student Council scholarships, William Bowers, president of the council, has announced. The scholarships are worth $240.

The council, during their bimonthly meeting, elected Gerald Logue, sophomore in engineering science from Parker, to fill the vacated post of corresponding secretary.

Bowers announced that there would be no ICCB Career Day this year and, after discussing the matter, the council felt that there should definitely be a career program next year.

Several council members expressed their opinion that the Eng-Arch Council should take the initiative in setting up such a day in conjunction with any other councils that would benefit from and would want to participate in the program.

Frosh Coed Housing--

(continued from page one)

Watts and Jordan Halls. Women will live in McKee and Irvin.

The 1960-61 housing requests for upperclass women who wish reassignment to their present rooms will be available from Feb. 29 until March 11. All other upperclass women may request rooms from March 28 to April 8.

Upperclass men may request rooms from Feb. 29 until March 11. About 1800 upperclass men can be accommodated.

Geneva, scene of many international diplomatic conferences in Switzerland, is 2,000 years old.

Student Penalized For Misconduct

John Barth, junior in civil engineering from Scranton, has been found guilty of disorderly conduct for molesting a woman last Saturday night.

He was fined $75 and costs by Justice of the Peace William Bell in a hearing held Thursday.

The attacked woman and her husband both testified that Barth grabbed her and then threw her into the shrubbery on E. College Ave. near McAllister St.

Barth said the whole thing was just a case of mistaken indentity, according to police sergeant Matthew Seckinger. Barth said he thought that the woman was someone else and he only wanted to scare her.

For CLASSIFIEDS Call
UN 5-2531

Canavan Will Lecture To Color Slide Club

The State College Color Slide Club will meet at 7:30 p.m. Monday in 26 Mineral Industries.

James Canavan will speak and show slides on "Antarctica IGY, 1957-58." George S. Bush, associate professor of journalism, will judge the monthly slide competition.

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IF. You are interested in sales and the possibility for future sales management.

+ + +

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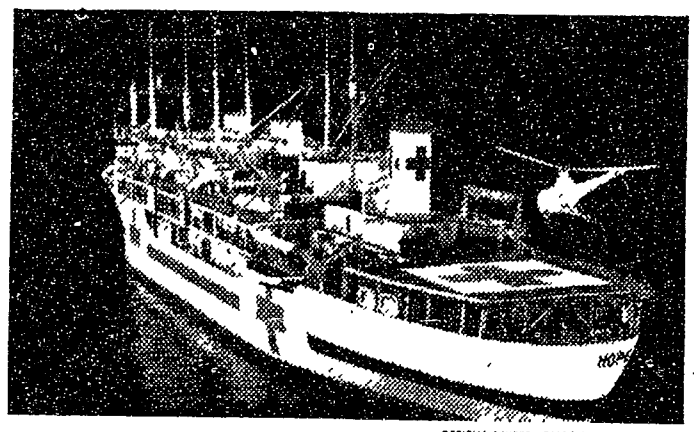
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