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Summer Collegian



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STATE COLLEGE, PA., TUESDAY MORNING, JULY 12, 1960

FIVE CENTS

Penna. Sparks Kennedy Swing

Schedule Changes Suggested

Vice-president Lawrence E. Dennis's committee studying revision of the class schedule and calendar expects to make recommendations to President Eric A. Walker by August concerning a proposed 12-month academic year and the readjusting of time schedules for classes.

Walker will then have two months to study the recommendations before presenting his recommendation before the Board of Trustees at the October meeting. The present summer session program expires in September and no academic schedule has been drawn up by the Board of Trustees subsequent to the spring semester 1961.

Dennis' committee has studied primarily the quarter systems in effect at Michigan State, Ohio State, Minnesota and Stanford, and the tri-semester system recently adopted by Pitt.

"A year round academic year would take a lot of special promotion," Dennis said yesterday.

"Students and parents would have to be convinced of the economic feasibility of class during the summer months and accelerating to three years," he said.

"The concept must take roots with the parents and high school counselors if it is to be successful."

Dennis' committee has also been considering revisions in the length of classes. The major class change being investigated would set up 75-minute classes with 20-minute break between classes.

An initial step in changing the time period for classes was taken last spring when the ROTC departments announced that 8 o'clock classes at Wagner Military Science Building will begin at 7:50 a.m. and will be dismissed 10 minutes earlier than usual to give cadets time to get back to the main part of campus for subsequent classes.

Balmer to Participate At Oak Ridge Institute

Louis W. Balmer, assistant professor of chemistry at the Behrend Campus of the University, is among the 66 scientists from colleges and universities enrolled this summer in the Research Participation Program at the Oak Ridge Institute of Nuclear Studies.

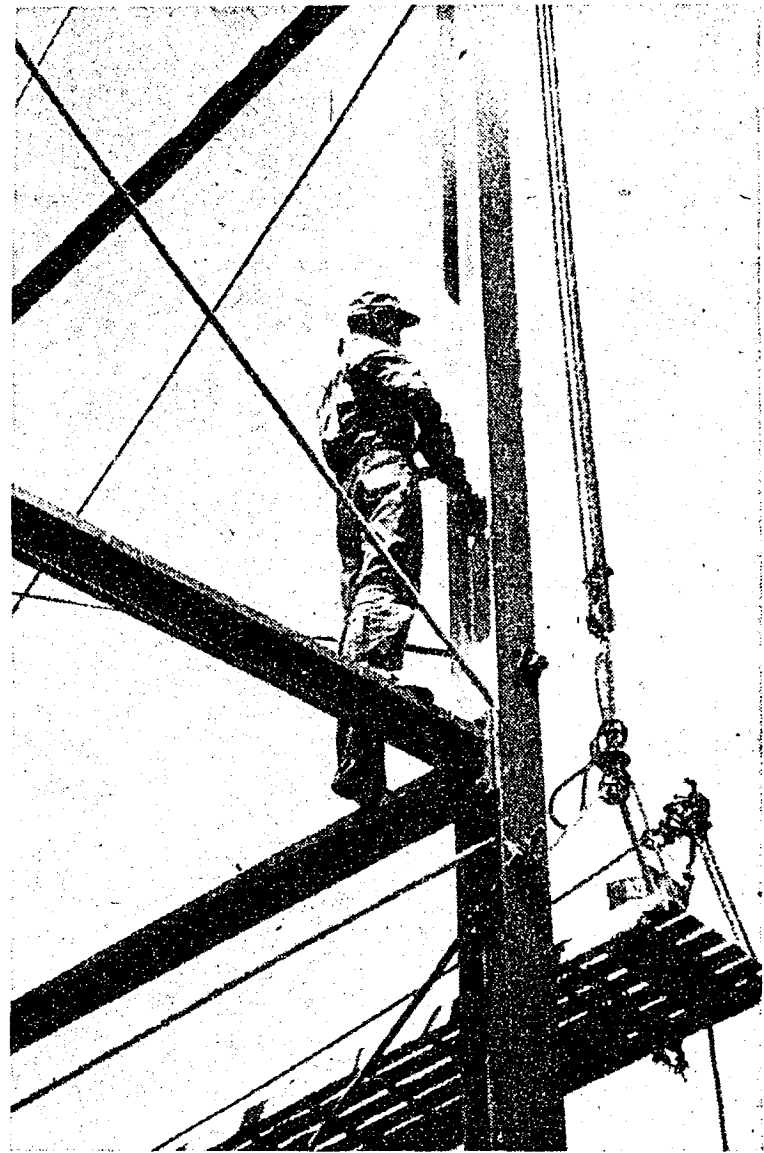
Underwater Missile Seminar Held at Research Laboratory

Study and practice on underwater missile engineering design began yesterday for 65 persons cleared by the Navy to attend a two-week seminar on campus.

The seminar is directed by Robert F. Marboe, associate professor of engineering research and assistant director of the Ordnance Research Laboratory. He heads a staff of 20 engineers who are primarily of the ORL branch of the College of Engineering and Architecture.

The seminar is designed to serve as a practical case study in possible solutions to certain guided missile design problems.

The work of the seminar will



—Collegian Photo by Rae Hoopes
LOFTY PERCH—Workman assumes precarious position applying paint to girders of Beaver Stadium, believed to be the largest all-steel stadium in the world.

Beaver Is Largest All-Steel Stadium

Beaver Field is the worlds largest all steel stadium, according to Arch Scapes, superintendent for the Pittsburgh-Des Moines Steel Company which was in charge of moving the stadium to its new location at the east end of campus.

As it stands now the stadium will hold 43,980. Box seats

Ghana Educator to Give Lecture at Workshop

William L. Tsitsiwu, education attache with the Embassy of Ghana, will speak at 8 p.m. Thursday in the Hetzel Union assembly room, addressing the Education for World Understanding Workshop.

The Lecture, which will be on the subject, "Ghana Today" will be open to the public.

Underwater Missile Seminar Held at Research Laboratory

center on the modern torpedo, prototype of the guided missile. Staff members will introduce basic principles of underwater guided missile research.

The 20 naval personnel and 45 civilians who registered for the course meet in twice daily sessions.

Text material, laboratory experiments and demonstrations are part of the course prepared by the staff. Tours are being conducted in the labs, shops and facilities of ORL, including Garfield Thomas Water Tunnel and the Black Moshannon Calibration Station.

numbering 480 are at the 50 yard line. The addition of bleachers in the open end of the horseshoe shaped stadium would bring its total capacity to 46,275.

According to Matthew Tim, consulting engineer for the stadium project, building the world's largest steel stadium presented unique construction problems.

One of the problems is the expansion and contraction of the metal. Unless the proper precautions are taken, when the sun begins to warm the steel, the extra tension caused by its expansion will cause the structure to buckle.

There are 22 concrete ramps leading up from ground level, inside the bowl, to the lower stands. As the decking expands it leaves a crack between the steel and the concrete ramps at the horseshoe part of the stadium. The decking

(Continued on page four)

'Twilight For the Gods' Tomorrow Night's Film

The movie, "Twilight for the Gods," will be presented at the University at 9 p.m. tomorrow night as a part of the Summer Sessions recreation program.

The film, which stars Rock Hudson, Cyd Charisse, and Arthur Kennedy, will be presented in technicolor on the lawn south of the Hetzel Union Building. In case of rain the film will be shown in Recreation Hall.

About 100 Votes Needed To Wrap Up Nomination

CONVENTION HALL, Los Angeles (P)—The Democratic clans gathered to launch their national convention last night and thrust the party presidential nomination within easy reach of Sen. John F. Kennedy of Massachusetts.

Powerful Pennsylvania drove just about the last nail in the coffin holding the hopes of a trio of trailing rivals.

String Group Will Present 1st Concert

The Claremont String Quartet will present a variety of music in its first concert at 8 tonight in the Hetzel Union ballroom.

They will play a contemporary quartet composition and two selections from a standard repertoire. The quartet will open with Quartet No. 1 in D Minor by Arriaga and follow with a quartet in F Major by Ravel.

They will close the program with a composition by Brahms—Quartet in C Minor, Opus 51, No. 1.

The quartet members include Marc Gottlieb, violin; Valdimir Weisman, violin; William Schoen, viola; Irving Klein, cello.

The group opened its third successive summer as quartet in residence with a lecture last Friday in the HUB assembly room. It was the first of four lectures, each to be given prior to one of the four scheduled weekly concerts.

The lectures are devoted to an analysis of the works comprising the following concert. Friday's lecture concluded with a debate of the relative worth of Brahms as a composer. The quartet threw the question to the audience and the lecture became a debate.

\$7300 Grant Awarded

The National Science Foundation has awarded a grant of \$7,300 to the University to support the publication of an underwater acoustics handbook written by Dr. Vernon M. Albers, chief scientist and professor of engineering research at the Ordnance Research Laboratory of the University.

Aid May Be Ignored As Campaign Issue

The U. S. foreign aid programs have totaled over \$80 billion since World War II but in spite of the size of foreign aid, it does not look as if it will be a major issue in the coming presidential campaign, Dr. Elton Atwater, head of the Department of Political Science said.

However, foreign aid will be an issue in certain districts

electing senators or congressmen, Atwater said. Controversy does exist over foreign aid, he said, not on a partisan basis but rather through the efforts of the economy bloc in Congress to reduce spending.

"One of the most controversial aspects of our present foreign aid program," he points out, "at least in general terms, is the proper financial relationship between the military aspects and economic aid."

The Mutual Security Act of 1960 is currently under discussion in Congress. The president has asked for \$2 billion for military assistance, \$274 million for defense support (which is considered economic) and \$700 million for the Development Loan Fund.

His total request under the

the coffin holding the hopes of a trio of trailing rivals. The Keystone State delegation threw 64 of its 81 votes to Kennedy. That propelled him to within less than 100 of the 761 votes needed to clinch the nomination when the convention ballots tomorrow night.

The convention citadels of Sen. Lyndon B. Johnson of Texas, Sen. Stuart Symington of Missouri and unannounced but willing Adlai E. Stevenson of Illinois were crumbling and cracking in collapse. If these men weren't conceding it, many of their most loyal backers were.

For the first time, under questioning at a news conference, Kennedy said he believes that "we do have 761 votes."

But Johnson fired out a statement contending that Pennsylvania's action "does not seriously alter our earlier predictions of a Johnson victory."

"It appears," he said, "that the only people who are stampeding to Sen. Kennedy are newspaper people — not delegates."

Actually Johnson all but told the Pennsylvanians before they counted noses that nobody could catch Kennedy if they took the plunge for him.

A Kennedy victory became even more certain when the man the New Englander knocked out in the primaries, Sen. Hubert H. Humphrey, turned loose his supporters and some 65 votes to go where they please.

Humphrey offered no suggestions on where they should turn. But the Kennedy camp figured on gathering in at least half these votes.

Washington State also added another small batch of votes to the Kennedy collection.

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