Leagues in Six Sports Formed by Ivy Group

Debaters Will Sponsor 5th Annual Clinic Here For High School Pupils

Hannwell Address in Irvine Opens Annual Clinic, Debate, Free Trade, Seminar Will Be Featured

Over 600 students and their coaches from 65 schools in New Jersey, New York, and Delaware will attend the Debate Council's fifth annual High School Debate Clinic this evening, according to Dr. James E. Harper, Jr.

The day long affair, under the chairmanship of Burton M. Mirsky, dean of the College of Arts and Sciences, consists of a free trade seminar, panel discussion, and a debate sponsored by the Debate Council.

The clinic will begin with a welcoming address to the high school students by Dr. Harper, Jr., after which Time Inc. will present a free trade seminar.

The students will then be divided into panels for a debate, according to Dr. Harper, Jr. The winning team will receive a plaque.

Free Trade Seminar Held

The final program of the afternoon will be a free trade seminar conducted by Dr. Harper, Jr. It is the hope of the Debate Council that the students will be able to recognize the importance of the controversy involved in the subject.

The seminar will be held from 3 to 5 p.m.

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Penn Players Score Success

In 'My Three Angels' Opening

Penn Players opened last night with 'My Three Angels.' Completely integrated and nearly a complete cast, the production audience should appreciate it.

The production suffered from a few technical problems of a French Guiana flavor, but this was lost sight of by the strength of the acting and the farce elements. The plot is relatively simple, with a few laughs out of the routine selection.

The play is set in the home of Dr. Prentice (J. Birney Crum) and his wife (Ellen Miller). The husband is a doctor, the wife is a nurse, and the three angels are divine beings who are sent to earth to visit the couple.

The three angels are played by John McGee, Richard Taylor, and Charles R. Handcock.

Rushing Pictures Deadline Today

Today is the last day that pictures will be taken for Rushing Directory.

Five Colleges and four Wharton students have been appointed to a permanent Chapel Ushering Committee by the Rev. Edward G. Johnson, chaplain of the University.

The committee will meet each week to plan the services and to discuss any necessary changes to the current procedures.

The members are:

1. David A. Beger, a member of the St. Louis Democratic Club.
2. Robert A. Ford, a member of the Sigma Chi fraternity.
3. John E. Harris, chaplain of the University.

By Leo Glassman

Daniel Schmucker and Helen Weidknecht were introduced by returning lightweight grid captain James Cachearis as the co-captains of this year's 150-pound lightweight squad.

Robert T. Tiffany, a guard for the past two years, was the first winner of the Charles E. Schmucker Memorial Trophy for the contesting team player of the year.

The event was sponsored by Charles Vittorio, a former Varsity coach and member of the Pennsylvania, in memory of his passing. The annual event is sponsored by the USB Bennington last May.

Tiffany, a former player at John Harris High School in Harrisburg, is a service in the Wharton School. He bowed his head in the low light room for the Wharton School. The production assistant in the contest, while Iris Treg and Ed Elsmere will play the rats.

Pennsylvania's varsity basketball team, seeking its third "angel," gave depth to his problems of a French Guiana atmosphere. The team meets a sophomore laden Manhattan squad in the first half of a twin bill at the Palestra.

It will be a battle between Villanova, University of Pennsylvania, and Millersville College.

Quaker Hoosiers Seek Third Win Already

Four over four campus organizations have already pledged commitments to the Christmas Baskets Drive Committee as sponsors of needy families in the West Philadelphia area, according to Barron & Lewis, Drive Chairman.

Fraternities, dormitories, religious organizations, and other unaffiliated activities have a share in the "Freedom From Hunger" campaign. All other campus groups may still participate in the drive until this weekend, Tuesday, December 14.

Penn's players and Bill Smith will open at the forwards, Bob Gall, Swarthmore—Bart Handy's Inventive and workmanlike squad in the past half of a twin bill at the Palestra.

Quaker Coach Ray Stanley will go along with the same five that started against Purdue and St. John's last season, and he is the leading returnee in the Pennsylvania squad.

Pennsylvania basketball greats in line for the outstanding team player on the squad.

Daniel Schmucker will deliver an introductory address to the high school pupils.

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Editorial

On Progress

In approving the plan to admit qualified students to the University on advanced standing, the College faculty has shown one of the most intelligent and progressive steps that can be attempted at this institution in quite some time. This plan, if continued, is known to all who have any degree of interest in academic advancement, and do not have to be rehearsed here.

In this respect, we would like to see the whole University realize that the idea of forcing an individual who has demonstrated a satisfactory grade of subject on an advanced secondary course to enter the University at his freshman year of college to what is fundamentally

What is refreshing about the matter is that the faculty of the College should be disposed to look favorably upon an idea that is such individual concern, and not do the makeup of the faculty of the College should he withdrew from the plan. What is refreshing about the matter is that the faculty of the College should be disposed to look favorably upon an idea that is such individual concern, and do not do the makeup of the faculty.

The Daily Pennsylvanian

Pennsylvania State University
1885

Vol. XVII
December 14, 1954

LETTERS TO THE EDITOR

Editor, Daily Pennsylvanian:

Had I known that I was going to read this for the first time on the 24th of December, I would have written it two weeks ago. My apologies for such a delay.

The College plans to open the school year on the 24th of December. The students will be given the opportunity to study and prepare for the final exams. The faculty will be available to provide assistance and advice.

- John Smith

Letters To The Editor
Nuclear Explosions Complicate Carbon 14 Dating; Researcher Hindered by Radioactive ‘Fall-out’

By Morton Miller

Nuclear explosions have added difficulties not only to the jobs of geologists and historians but scientists as well, recent problems experienced by Miss Elizabeth Ralph, research associate at the University Museum, show in the dating of archaeological "finds" by the Carbon 14 method.

By determining the amount of this radioactive isotope in a sample she can estimate its age with remarkable accuracy. However, she has been hampered lately by an increase in atmospheric radioactivity or "fall-out," a result of atomic and hydrogen bomb explosions. The carbon samples she tests have a tendency to absorb this, throwing the age readings off.

Carbon 14 is a radioactive isotope, one of many radioactive isotopes found in all organic material. All radioactive isotopes have a measurable half-life, the time required for one-half its radioactivity to disappear. The half-life of Carbon 14 is 5,700 years. Thus a piece of charcoal from a cave-man's fire 5,568 years ago would have one-half radioactivity found in the charcoal now.

The method is simple. By measuring the radiation given off by an increase in atmospheric radioactivity is used as is available. The Geiger counter is a plate cabinet, designed to ward off atomic particles is used as is available. The Geiger counter is a cabinet, designed to ward off atomic particles is used as is available. The Geiger counter is a cabinet, designed to ward off atomic particles is used as is available.

The presence of excessive radioactivity may be absorbed normally the small amounts in the air have no adverse effect on people. But for the past several years there has been a nuclear explosion in the atmosphere the time required for it to disappear. The amount of radioactivity in the atmosphere increases appreciably.

Radioactivity Serps In

Climbing to dust or in the form of atomic particles this radioactivity can seep through the double windows and special filters that protect Miss Ralph's laboratory.

The presence of excessive radioactivity is a deterrent when readings from the Geiger counter show alterations from the picture expected.

At present Miss Ralph is working on samples from two Iranian caves, excavated by Dr. Carleton A. Coon and Dr. Curtis O. Wintel, assistant director of the University Museum. The Carbon 14 dating method was devised by Dr. Willard F. Libby of the University of Chicago. Libby is currently awaiting conventional approval for his contribution to the Atomic Energy Commission.

School of Education Program Seeks More, Better Teachers

By Edward Haves

War babies, a bumper crop of them, reaching elementary and high school age have created a national problem that is being met at Temple University by a program designed to attract and encourage better teachers.

Beginning last September, the School’s program was shortened from a five to a four year course. This was done to release prospective teachers a year earlier for service. Another reason was to attract more candidates here, better teachers are drawn from middle income bracket families, and since the University is a high cost one, they can only afford to spend the money required for two years.

As a second part of the program, the School is attempting the national need for teachers, the School of Education is encouraging the graduates of Liberal Arts Colleges to take a five year program to prepare them to teach. At present there are 15 students in this program. The number is expected to double by next fall.

Responsibility Is Society’s

Although the task of preparing good teachers for our schools is obviously the responsibility of institutions of higher learning, the responsibility of the School of Education is to attract and encourage better teachers. Another reason was to attract more candidates here, better teachers are drawn from middle income bracket families, and since the University is a high cost one, they can only afford to spend the money required for two years.

The national problem is not due to a smaller number of people becoming teachers, but to the increase of students. The fall enrollment in the School of Education is 1,500, a five year course. This was done to release prospective teachers a year earlier for service. Another reason was to attract more candidates here, better teachers are drawn from middle income bracket families, and since the University is a high cost one, they can only afford to spend the money required for two years.

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Six Quaker Opponents Among Top 10 Ranks

Six of the top ten backs in the nation according to this year's United Press poll, played against Pennsylvania at Franklin Field in the past two years. There are Howard Cusady of Ohio State, Ralph Guglielmi of Notre Dame, Paul Larson of California, Bob Watkins of Ohio State, Lenny Moore of Penn State, and Pete Vann of Army. Three of these men appeared at Franklin Field both years. Guglielmi, Vann, and Moore have made two trips to the Quakers' names field while Charlie Watkins, and Larson appeared here last year only.

The annual poll selected Alan Ameche, Wisconsin's All-American fullback, as the back of the year for 1954. Ameche had his best season as he averaged 4.4 yards on 146 carries for a total of 641 yards. He set a new four yard school record, and his diving ability and depth.

Farnold Johnstone, a junior backstroke artist, who captured the 17 first place events last season, swims against VMI today when the Red and Blue open their swimming season for 1954-55. The Quakers will also have to contend with the brilliant performance of Bill McKinney, who placed third last year with a good 24.5.

Ice Skating at Arena

Co-ed ice skating for college students in the Philadelphia area will be held at the Arena, 48th and Market Streets, every Wednesday evening from 4 to 6 p.m.

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Don Garland’s work is typical of many engineering assignments in the Bell Telephone Companies. For in addition to their opportunities for college graduates with Bell Telephone Laboratories, Western Electric and Sandia Corporations, if you’d like to get more details, see your Placement Officer. He will be glad to help you.
Frosh Cagers Oppose Muhlenberg in Opener

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Frosh Cager 3rd Win;
Play Host to Mules

Cagers Seek 3rd Win;
Play Host to Mules
(Continued From Page One)

The Red and Blue cagers met on the Palestra floor yesterday afternoon for a scrimmage. The game was played in front of a large and enthusiastic crowd. The 'Cagers emerged victorious, 78-69, in the contest, and will remain in the possession of their trophy for another year. The other teams of the league will have to wait until the next season to challenge for the trophy. The Win is the third straight victory for the Frosh, who also defeated Muhlenberg and Lakehurst last week.

On the schedule for this week's game was the contest between the Frosh and Muhlenberg. The game was played in front of a large and enthusiastic crowd. The 'Cagers emerged victorious, 78-69, in the contest, and will remain in the possession of their trophy for another year. The other teams of the league will have to wait until the next season to challenge for the trophy. The Win is the third straight victory for the Frosh, who also defeated Muhlenberg and Lakehurst last week.

The team expressed their appreciation for the support they received from the fans, and promised to continue to work hard in order to maintain their winning record.

The Frosh Cagers will be playing their next game against the Muhlenberg team on Friday night. The game will be held at the Palestra, and is expected to draw a large crowd. The team is currently at the top of the league standings, and is looking forward to the upcoming games.

The Frosh Cagers are led by Captain Jerry Robinson, and have been practicing hard in preparation for the upcoming games. The team is currently at the top of the league standings, and is looking forward to the upcoming games.

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The latest group to endorse the and College Collateral Office. Delta Delta, Delta Phi Epmitted are Alpha Chi Omega, ed from campus numerous campaign Is Pan-Hel. Previously, cipation of what was expected Leonard Peterson, is far in anti-Woodcrest No. 3, and the College tian Association, Newman Club, the Philomathean Society. Chris-
at the beginning of the drive. Kappa Alpha Theta, Kappa...

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