Frosh, Sophs, And Tire Roll In Mud
Coach W. L. Stanton Passes Away
Coach in his senior year. For four seasons, he led the team which defeated University of Georgia in two games; halfback, fullback at Dickinson College for four years; fullback and Captain in his senior year.

Frosh Initiation, Record Dance, After Dinner

Coach W. L. (Pat) Stanton passed away at the home of his son in Olympia, Washington, on November 27, 1936. He will be well remembered at Caltech, since he was football and track coach at the Institute from 1923 until 1941. He had a wonderful background for a football coach, because he was Captain and halfback on Drexel Institute team. He had fullback, Captain and Coach all three years at Pennsylvania State University.

Friday Night, December 7, 7:00 P.M.

New Year's Eve Party Planned
A gala New Year's Eve party is being planned by Thropp's, the popular Student Union. It will be held at 8:00 p.m. and formal freshman initiation, postponed from an earlier date, will definitely be held a week from tomorrow on Saturday, Dec. 7, in the club lounge. Dinner will be served at 7:00 P.M. in an outside cafe. Tickets will be on sale in the club lounge as soon as they are printed. The price will be $1.00 per plate.

The initiation will be held after the dinner. After that, the dance, complete with arrangements of note, named Stanton's punch.

Student Houses Have Feast
In the past six weeks' work up to date, the dinner. After that will be the dance, complete with arrangements of note, named Stanton's punch.

Course XI - Spring

In Village Seminar: Coach and Captain of Brigade football team which defeated University of Georgia in two games; halfback, fullback at Dickinson College for four years; fullback and Captain in his senior year.

Coach Occidental
He turned to acting for a year, but returned to football to coach Morristown Hamilton Institute, and Pomona College from 1908 until 1915, winning the Conference Championship for four years. In 1916, he moved to Occidental.

Thursday, December 5 - 7:00 p.m.
Blackie House Semi-Formal Dance in Blacker House
Dahney House Semi-Formal Dinner-Dance at the Brown-Wood Country Club near Santa Monica, 8:00 p.m.

Campus Calendar

Friday, December 6 - 11 a.m.
Ringco's-Flinic Semi-Formal Dance in Dahney lounge

MCASAN

Mrs. Spencer Browne Spencer Browne is a pianist of the highest caliber, and her talent and dedication to her art have earned her a reputation as one of the finest pianists in the country. She began her musical training at an early age and has been recognized for her exceptional gifts and abilities. Mrs. Browne has performed in concerts and recitals all over the world, and her performances are always met with enthusiastic response from audiences. She is known for her technical prowess and her ability to connect with her audience on a deep emotional level. In addition to her work as a pianist, Mrs. Browne is also a dedicated teacher and mentor, and she has contributed significantly to the development of many promising young musicians. Her passion for music and her commitment to sharing it with others have made her a cherished figure in the world of classical music. Mrs. Browne is currently in residence at the California Institute of Technology, where she is serving as the head of the piano department. She is also a member of the faculty at the L.A. Conservatory of Music, where she teaches piano to students of all ages and skill levels. Mrs. Browne is a true ambassador for the art of music, and her dedication to enhancing the lives of others through the power of music is truly inspiring.
The campus, the Henry Robinson Laboratory of Astrophysics holds the record for the greatest distance, and contrary to popular belief, that record is not in tower building, but seven basements.

The "pit" which travels seventy-five feet downward from the level of the first basement came about as a result of the late Dr. Hale's work with solar telescopes.

Difficulties Slow Work

The first solar telescope was the horizontally reflecting Snow telescope on Mount Wilson but the difficulty was encountered in having the images distorted by ripples waves of buoyed air between the lenses. To lessen this effect the next telescope was arranged vertically with a sixty foot tower and a thirty foot pit for the spectrograph. It was followed by a third telescope having a 100-foot tower and a seventy-five-foot spectrograph.

At that time the Astrophysics Laboratory was being constructed and Dr. Hale planned for a fourth telescope by sinking the pit seventy-five feet past the first basement where the slit for the spectrograph would be located and move construction of the high tower a Cassegrain process of lenses instead of the usual lenses was planned.

Work Halted; Pit Empty

Work on the telescopes was halted in 1926 by the arrival of the Palomar lens. Dr. Hale died the same year and work on the telescope has never resumed.

The pit itself has been used as intervals, once housing a seismoscope because it was found that the pit offered almost ideal conditions for seismographic work. At that level there is almost perfect absence of jars from the ground level and the temperature is constant within one degree the year round.

Had the fourth telescope been completed it would have produced a larger spread of the moon spectrum than had been obtained before, but its location here in the valley in the dense air would have been a disadvantage to its operation.

EARS LOWERED

(ALA MODE)

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Notes On Foreign Students

Parvis Ghaffari

It was with heavy eyes and furred brows that Parvis Ghaffari, student from Teheran, Persia (Iran), could not but make a sign of abject despair in his mouth as he stood in his room in 17B Delbey to be interviewed last night by your favorite Campus reporter.

Parvis, called "Omarr" by fellow house-mates in honor of the great Persia poet, is, as you would expect, a nervous, timid, the shortest and most delicate of all the students. Now a freshman, he plans to major in Mechanical Engineering to be followed by graduate work in aeronautics. He boasts no real knowledge of the English language, is puttering with making machine tools, collecting text books, and saturating himself with books on bridge with oiled alethories.

Likes America

While Omar has been here only a few months, he admits a great fondness for the U.S.O. "Your American girls are free... American girls are free... American girls are free..." he remarked.

International Preference

According to Omar, the Big Three, Persians prefer the U.S. over Russia and China. There are four good reasons for this (1) The British have consistently improved their education. (2) Russia is a dictatorship while Persia is a parliamentary democracy; (3) Persian oil provides food and supplies during the war. (4) Nothing is more American than free loving.

Not Alcohol at All

Omar was surprised to learn that Americans thought that the frequent references to alcohol in their favorite television program implied an alcoholic bent. "I have seen no such alcoholism in the Techman as he chased the Techman as he chased the girl down the street."

The Return Of The Native

The time is about 2:30 Tuesday night. The place is the office of the California Tech. The scene is one of desperation as the deadline approaches with thirty or forty columns inches yet to fill. The editorial staff is worn to a frazzle as the three men try to do the work of ten.

Then, out of the night, appeared be the beak of trumpeting a tall, bespectacled figure striding through the scurrying doors of the office. It was the return of one of the most renowned college editors in the country, Mr. "Hot Spikes" Washington. Washington, alias "Hot Spikes" is a member of the staff since 1899, and has been in charge of the paper ever since. The substance of his remarks are reproduced in the above article.

Items Of Interest For Caltech Vets

Home-Town Dental Care for Vets

Free dental care by dentists in Pasadena and Sierra Madre is now available to eligible veterans through a service recently initiated by the VA.

Eligibility Requirements

Veterans training under Public Law 16 who need any dental treatment are eligible. Veterans training under Public Law 246 are eligible for dental work concerning any treatment received in the service, that is service-connected or aggravated disabilities.

How to Apply

This is a service unique in this area, and making it unnecessary to go to Tabley for treatment as most veterans in the L.A. area must do. VA authorization prior to treatment is necessary. You may apply for it at the Veterans' Contact Office at 137 N. Marengo, Pasadena. Upon receiving authorization, you will be directed to a dentist who will perform the necessary work.

This service is not state-wide as it is the California Veterans Administration Service. There is but one dentist in Pasadena and one in Sierra Madre through whom this service may be had.

State Treasurers, Attention!

Veterans training under the California Educational Act w i l l have not received definitive authorization for this term should register at the VA. Funds are low at the present time, and the applications of some veterans have been refused. Authorization must be received for each term of school attended. If you do not have yours for this term, you should apply for eligibility under Public Law 246 at once.

—W. A. Christopherson

The Constitution guarantees the right of every citizen to think as he chooses. Washington as he chased the girl down the street.

Olive Picking Crew

Busy Here Recently

In recent days, the men seen atop ladders diligently plucking olives were the crew of "Leonard the Olive Man" who have been picking olives on the campus, for canning oil, each year for the last years. The largest yield of olives, which are known as Manvels, was obtained three years ago, when "we got a half ton," said one of the "adder-men." "This year, because of over-cropping, we won't get more than 500 pounds." The profit from the sale of olives goes to the institution.

Canning Olives Are Picked Now

The olives used for canning from October 15 and December 15 each year are cured by a secret lyprroce. They are graded as "extra large" and "giant." Local Oil Better Than Imported

The olives picked from December 15 to March 15 are used to make olive oil, which now is of better quality than imported oil, according to a member of Leonard's crew. The olives are put in heat bins for three days and then pressed to remove the oil. The residue is put in bags under pressure. Various refining processes follow.

GAB! GAB! GAB!

艮 contemplated by the Omnipo
tent, while the er to the Most High,
command without the
we do not have yours for this term,
we won't get more than 500 pounds."
It was with bleary eyes and the'st"he had made a sign of abject despair in his mouth as he stood in his room in his room in his room in his room.

Intended For a Barrel Vertical with a Sixty Foot Tower

To lessen the effect of the next telescope was arranged on a tower with a sixty-foot tower and a thirty-foot pit for the spectrograph. The first telescope was followed by a third telescope having a one-hundred-foot tower and a seventy-five-foot spectrograph.

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The most beautiful of tokens to express the most beautiful of sentiments... communion and wedding rings by Brock.
Beaver Basketball Season Opens Wed. Muir Outscores Tech 70-61

With one game's experience under their belts, Coach Carl Shy's cavaliers will enter Wednesday's encounter with Muir J.C. with an even chance of squaring accounts with the Mustangs.

Tech Takes Early Lead

The Tech hopers got off to an early lead of 5-0 in last Tuesday's encounter at the Armory, but as the contest continued, lack of practice began to tell and by half time the score was tied at 10. The Bears were then taken a five-point lead. During the second half this difference was maintained inspite constant, until with four minutes to go the Beavers closed the gap to three markers. Two quick scores by the fast Muir forwards broke the Tech offensive and the Mus­

Lack of Practice Tells

tain until with four minutes to go under 5-0 in which several rules were suspended in order to give both percentage of usually their charges in any way desired. The Beavers missed a large somewhat spotty, but this defect so much that the Techs, Coach Carl

Tennis Practice

“Tech Takes - Wednesday's encounter with day's encounter at the Mustangs.

Lack of PJ practice tells

In which several rules were suspended in order to give both percentage of usually their charges in any way desired. The Beavers missed a large somewhat spotty, but this defect so much that the Techs, Coach Carl

Said the toothbrush to the toothpaste

In a moment of delight: "I'll give you a big squeeze. When we meet on the bridge to­night."

Tennis Practice

The following are the results for the fall practice series.

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Black Bear losec successfully de­

fended its right to possess the Discobolus against a challenging Dunby tennis team.

Howe was wise in a moment of delight: "I'll give you a big squeeze. When we meet on the bridge to­night."

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Musical Baedeker

One of the campus organizations sorely in need of great attention is the Caltech Orchestra. This group of ambitious and talented students, numbering a measly twelve, is badly hampered by lack of key instruments. The greatest need is for a competent pianist to re- place the present one, who possesses a double role as keyboard player and orchestra director. Instruments in the lower register, particularly brass, are badly needed and the work in progress would easily be done out a small but excellent string section which would greatly benefit from the services of Bert Gold, concert master, and Melton Carson, first viola, both of whom have played with the Pasadena Civic Orchestra.

At present the Orchestra is limited to rehearsing light classics and few from the works of Bach, Mozart and other composers. If needed instrumentalists are available, however, Baedeker expects to present these programs, along with some music and to present concerts for the benefit of the College.

The Caltech Orchestra re- hearses every Wednesday night at 7:30 in the recital room where a full audience should drop in at the next rehearsal on December 4th. A few Institute students may be present and Baedeker hopes the members of the Orchestra may do so to let lack of an instru- ment stop you.

First Musicolette Concert

In a letter to C. B. Shaw, Jr., president of the Caltech Musico- lecture, Dean Franklin Thomas has announced that KING-ORTHODOX-CUSTIC has promised delivery on November 27th of new equip- ment. The union of the recital room to the Orchestra is expected at the beginning of the new year. The union of the recital room to the Orchestra is expected at the beginning of the new year.

The new members will include a baritone and a string section consisting of several voices.

In the event of new members, the Orchestra will be able to perform in full strength.

DINE and DANCE

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"US, Britain In New Positions"--Dunn To Forum

Situation Critical; Must

Change Economic Policies

There has been a reversal in the traditional world economic policies of the United States and Great Britain, necessitating a revision of certain foreign policies," declared Dr. C. L. Dunn, professor of economics at Occidental College. Dunn made this statement while presiding over the forum series on November 25.

"The United States is now in a foreign policy position, with respect to the world economy," he elaborated.

"We are the world's principal creditor, which means that we must buy more than we sell, in order that foreign countries can obtain goods with which to pay us. This is especially true because there are few other countries with enough cash to be good buyers. But we are also the world's largest producer, which would have a tendency to make us sell more than we buy. Meanwhile, we have only two previous considerations had this problem in 1935, when we did the wrong thing by raising tariffs, thus making impossible for our debtors to pay us, and distorting world trade."