

California Institute of Technology

Friday, December 13, 1946

No. 10

Volume XLVIII

Caltech Engineers Draft Constitution

State Aims; Offer Free Membership To Students

The formal organization of Caltech's Consolidated Engineering Society (CES) was virtually completed last Monday, Dec. 9, when the final draft of the CES constitution was approved at a meeting of the officers of the student engineering societies comprising the CES. Final approval of the constitution by the faculty and the participating societies is expected soon.

Objective Stated

The objective of the faculty, as stated in the constitution, will be to prepare its members to meet the responsibilities imposed on the Engineering Profession towards the Profession, our Nation, and Humanity.

This objective shall be attained through the following means:

(1) Presenting speakers who can give students at C.I.T. a clearer insight into the aims, technical and spiritual, of the Engineering Profession in all its aspects.

(2) Assisting students to choose their option on the basis of facts.

(3) Assisting students to choose, if they so desire, the technical or scientific society which is most suitable for their personal needs and interests.

Organization

The organization will be governed by a Governing Board composed of one representative from each of the participating societies. A president, vice-president, and a secretary-treasurer will be chosen by the Governing Board from their own group or from the membership-at-large.

Membership Requirements

Membership is offered to any registered Caltech student who will file a membership registration, whether or not he belongs to any of the participating societies. Faculty members are also invited to join.

The society will collect no dues because its operation will be financed by assessments on each of the participating societies.

Programs Provided by Member Societies

The participating societies shall provide programs and speakers representative of their respective fields for general meetings. These programs will be carefully chosen so as to be of interest to the largest number of members.

The CES will not interfere with the operation of the participating societies which will continue to carry out their individual programs of a more specialized nature.

CAMPUS CALENDAR

Finals—Next Week

Christmas Vacation

Monday, January 6—

Registration for Second Term.

Tuesday, January 7—

Classes begin.

Friday, January 10—

Assembly in Culbertson Hall given by Army Chorus, 11 a.m.

Saturday, January 11—

Basketball game, Loyola at Caltech.

Cash And Trophy In McKinney Prize Contest

A sizable bit of hard cash, as well as a trophy and a spot of glory, awaits each of the two top men in the McKinney Prize contest to be conducted by the English department next spring.

Announcement of the contest is made at this time in order that hopeful entrants may get an early start on preparation. Eligibility is limited to members of the Junior class.

Four Books to Read

Each contestants will be required to submit a paper of about 1,200 words, based on his reading of these four books: "The Research Magnificent," by H. G. Wells; "The Last Puritan," by George Santayana; "Of Human Bondage," by Somerset Maugham; and "Arrowsmith," by Sinclair Lewis. The theme for discussion is "The Stature of a Man."

April 25, 1947, is the date by which all papers are due. The contest will be held on May 16.

Trophy, Cash to Winners

The Mary A. Earl McKinney Prize contest was established at the Institute by Samuel P. McKinney, M.D., of Los Angeles, in memory of his wife. The prizes are provided by the annual income from \$3,500. These are awarded at commencement as a first and second prize, each

Annual Greek Play Revived This Year

At a meeting held last Tuesday night, 19 eager prospects appeared to discuss plans for presenting the annual Greek Play.

Professors Eagleson and Stanton, because of overwork, will be unable to coach the students in the forthcoming production. They will, however, offer their sound advice. Carl Price, a mature Sophomore, with high school experience in both acting and directing, has therefore agreed to coach the players.

To Be Farce

It has not yet been decided exactly what play will be presented; but whether it be comedy or tragedy, it will be a farce interpretation of the original. The rewriting will be carried out over Christmas vacation by Carl Price, Fred Smith, Bill Convis, and Dave Warren.

Once the production is finished, the play will be presented at a third term assembly as well as at other Southland schools.

Luncheon Club Gets Early Start In Jan.

The Frosh Luncheon Club will start into full swing again on Wednesday, Jan. 8. The full tables every Wednesday and the lists of aspirants to the club are ample testimony of its past success and a promise for the future.

Wise Frosh who want to join the interesting discussions and bull sessions are advised to contact Wes Hershey at the Y at an early moment.

One of the interesting features of the coming term is the promised series of discussions on relations between men and women.

**APRIL 19,
1947**

ASB? No, It's ASCIT, Directorate Decides

At a recent meeting of the Board of Directors the question of a suitable designation for the Student Body of the Institute was settled.

It's "TICSA" Backwards!

It was brought out that the letters ASB could refer to any student body at any university. Therefore, in accordance with the name of the corporation, Associated Students of the California Institute of Technology, a motion was introduced and passed unanimously that henceforth the Caltech student body shall be known by the letters ASCIT instead of the vague ASB.

Send TECH Home

Students whose parents have been wanting copies of The California Tech will be glad to know that the paper is now available for out-of-town subscribers. The price will be one dollar for the remaining two terms. Subscriptions should be sent to: The Editor, California Tech, 1201 E. California Street, Pasadena 4, California. Enclose one dollar, the name and address of the subscriber, and the paper will be sent, starting with the next issue, January 10, 1947.

Throop New Year's Eve Party 8:30 P.M.

Tickets Now Being Sold By Club Officers

The big New Year's Eve party to be given by Throop Club will begin at 8:30 p.m. on Dec. 31 in the club lounge and will continue until some time next year.

Tickets are \$2.00 per couple, and they are now being sold by the club officers. Throop Club members and their friends are invited to attend.

The club will furnish hats, noisemakers, music, ice, and mix, so there will be no lack of a festive New Year's Eve atmosphere.

The dinner-dance held last Saturday evening was a tremendous success, and the New Year's party promises to be even better, so come around to the lounge and pick up your tickets now while they are still available.

Pi Kappa Delta Host In Tourney

Hope To Repeat Victory In February Debate

The recently reorganized California Chapter of the Pi Kappa Delta will sponsor a speech tournament Feb. 17 and 18 to which 20 schools and colleges from Arizona, Utah, Nevada and California have been invited.

This is the first major tourney at Caltech in eight years and the debate team is quietly grooming itself for the fray. In view of our recent strong showing against such formidable opponents as USC and UCLA at the Compton College meet great things are expected.

The question to be debated will be—Resolved: That Labor should be given a direct share in the management of Industry.

Elections Held

At a recent meeting of the Pi Kappa Delta the following officers were elected: president, Irving Sulmeyer; vice-president, Bernard Shore; business manager-secretary, Paul Howard.

Housing Project Being Completed

Students Finish Occupation During Christmas Vacation

With 34 contented families occupying the first two units, and the remaining two units being rushed to completion so they can be occupied during the Christmas Vacation, the Arcadia Farm Project has successfully done its part towards alleviating the housing shortage for married veterans.

With the completion of the remaining units, little will remain for the contractor to do, except putting in the walks, paving the drives, and a general cleaning up of the area.

Individuality Allowed

The occupants will be given a free hand with the decorating of their apartments, as long as they don't depreciate the value of the property. Many a man will come home, ready and eager for his homework, to be greeted by his wife with a smile, a kiss, and a paint brush.

Merry Christmas!

Happy New Year!

The staff of the CALIFORNIA TECH takes this opportunity to wish all its many readers a very Merry Christmas and a Happy New Year!

This is the final issue of the fall semester. The first issue of the winter semester will be distributed on Friday, January 10, 1947. We have tried to give you the kind of paper you want but realize there is much room for improvement.

We are always willing to accept your suggestions and hope you will take time to let us hear of any you may have.

The CALIFORNIA TECH still has several positions open for students desirous of an outlet for their talents in the field of journalism. Those interested are asked to see any member of the staff as soon as possible.

Portrait Of Dr. Wm. B. Munro Unveiled

Over Fireplace In Dabney Lounge

"As a teacher, scholar, writer, financier, business man, promoter, wise counselor, able administrator, and great humanitarian, William B. Munro rates as one of the most important builders of the California Institute of Technology." These were Dr. Robert A. Millikan's words as read by Prof. Clinton K. Judy at the simple yet impressive ceremony that marked the unveiling of Seymour Thomas' portrait of Dr. Munro in Dabney lounge last Monday.

Mr. James R. Page Opens

Mr. James R. Page acted as master of ceremonies. Apologizing for Dr. Millikan's absence because of illness, Mr. Page introduced Prof. Judy, who read the speech prepared by Dr. Millikan.

Dr. Munro, formerly professor of History and Government at Harvard and Chairman of the Division of History, Government and Economics there, started with Caltech part time in 1925. He planned for and promoted the idea of a special humanities building and it was through his efforts and the co-operation of trustees Henry M. Robinson and Joseph B. Dabney that Mr. Dabney agreed to provide a Humanities building in October, 1926.

Widely Read

In June, 1927, Dr. Munro was elected to the Executive Council, and in March, 1928, he became a full time member of the staff of Caltech. Dr. Millikan says of him, "Few, if any teachers in the United States have influenced in their classes so many university students as has Dr. Munro; but it is not through his classes that his greatest influence has been felt. Few great scholars are also great teachers, but it is through his writings . . . that Dr. Munro's influence . . . has had its widest reach. The Iran delegation to the United Nations Conference in San Francisco introduced themselves to me by saying they were using in Iran, Munro's 'Texts on Government.'

Supervises Building of Campus

Dr. Munro is treasurer of the Institute and a member of the finance committee.

To again quote Dr. Millikan, ". . . no single individual has played so large a role as has Dr. Munro in making the plans of, letting the contracts for, and superintending the construction of most of the buildings on the campus. It is hoped that this Seymour Thomas portrait of him will keep his spirit and his influence alive on this campus throughout the decades and the centuries to come."

GET BIG T PROOFS NOW

Austin Studios, who are taking the pictures for the Big T, have reported that many of the proofs have not yet been picked up. It is urged that students get their proofs before leaving for the Christmas Vacation.

Those who have not yet had their pictures taken will be given another opportunity during the first part of next semester.

The California Tech

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Peace And Prosperity

As the Old Year passes and the New Year is hailed in, people the world over will fervently pray for Peace and Prosperity. They will give thanks that our nation so successfully survived a horrible war. However, now that the shooting is temporarily lulled, the people of our nation no longer seem aware of the dangers of another more horrible war, which will indeed put an end to all wars for centuries to come.

Are you one of these people? If so, it is time to do a little clear thinking. This is no time to take Peace for granted and let someone else set the world's course. 1947 will enter with the peoples and nations of the world at the crossroads. Will it be Peace and Prosperity or War and Poverty? It is up to us to lead the way on the right road.

Peace and Prosperity will not come to us. We must search them out. Closing our minds to the world's problems is not the way to reach our goal. Let us face the year 1947 determined to do our part in whatever way possible to bring Prosperity and a lasting Peace to the peoples of all nations!

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"Laura" Currently At Playhouse

For an evening of play-going enjoyment and spine-tingling excitement one should see Vera Caspary's celebrated story, "Laura," which opened at the Pasadena Playhouse last Wednesday and will run through Sunday, Dec. 22.

Familiar is the story of the mysterious and beauteous Laura, her disappearance and the three men who became involved in her life.

"Laura" is staged under the able direction of Marcella Cisney, with attractive June Lewis playing the title role. The three men who enter her life are played by James Cardwell, John Dehner, Robert Rockwell.

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Notes On Foreign Students

FRANK WOLF

My student for this week needs no descriptive introduction. Now a junior Mechanical Engineer, he is our Rally committee chairman. Last year he edited the Big T.

Jailed as German Spy

Frank was born in Heilbronn, near Stuttgart, Germany, 18 years ago. When Herr Hitler took over the Reich in 1933, Frank's father, a textile engineer, had the foresight to take his family to Switzerland, where they remained until 1939, meanwhile living in Austria for one year.

In 1939 they moved to Nice, France, only to be trapped there by the Italian invasion of southern France in 1940. Fleeing from Nice into south-central France they were apprehended by the French police, who jailed the whole family as German spies. They were soon released, and when peace was declared between France and Italy, they returned to Nice. About a year later the Wolfs obtained papers entitling them to come to America.

Now Americanized

It hardly need be mentioned that the Frank Wolf of today is more American than European. After five short years in America he has acquired a lusty thirst for football, a common habit of cramming for final examinations, and significantly a great respect for COEDucational schools, vis., PJC, UCLA, and USC. Commented Frank, "In Europe I attended boys schools, for there are no coeducational schools even in the lower grades. We boys were so far removed from the fairer sex that it was a crime. I consider the American system very superior, except, of course, here within these grey monastic parapets."

Educational Philosophy

Frank was averse to comment on world politics or the coal strike, but did not hesitate to examine the student-body spirit here at Caltech. "I would like to see more school spirit from our student-body. Why isn't there a better turnout for football games, dances, and other extracurricular activities? It appears that Techmen are neglecting the vital matter of personality development. This I consider far more valuable than high-grade points, both to the individual and his society."

In a world struggling for economic and political unity Frank's challenge to fellow Techmen shows particular insight. How can the diverse peoples of the whole world come together when the individuals of a small monocultural group are lacking in group co-operation?

—JOHN BAUER.



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THE SQUARES' CIRCLE

An Open Letter to the Editors of the Big T

As non-resident members of the ASB we were shocked by the discovery that our "mugs" were to be omitted from the next issue of the Annual.

Without asking our opinions you have assumed that we are not interested in student affairs, and have counted us out of the picture. You gave the lame excuse that we would be reluctant to fork over another buck for the photographers. We have paid our ASB dues in the past and have given no reason for anyone to believe that we would not do so in the future.

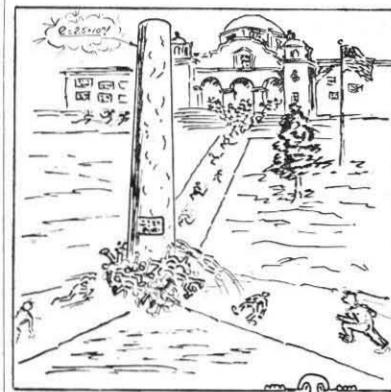
We think that we are voicing the opinions of a vast number of off-campus students when we protest this high-handed and undemocratic action. We further protest the lack of class pictures with the consequent arrangement of picture by houses. We feel that membership in a house organization or club should not be a prerequisite to participation in activities at Caltech.

If you were sincere in your campaign speeches you will make an immediate effort to rectify this condition.

ROBERT L. STUBBINS.
BILL SEIDEN.

umn bear a platinum inscription: The Final Shaft.

Sincerely,
CARL PRICE.



How about each instructor cleaning up his own mess?—Ed.

News For Caltech Veterans

N.S.L.I. Policies Provide Monthly Income Disability Rider

World War II veterans holding National Life Insurance Policies may now avail themselves of further protection. There is now available a monthly income disability rider which provides that, in the event of total disability, a monthly income of \$5.00 per \$1000 of insurance on the life of the insured, is payable.

This income is to commence on the first day of the seventh month of continued disability.

Below are quoted premiums for various ages and classes of policies:

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20	\$0.17	\$0.26	\$0.20

Physical Exam Required

In order to acquire this "rider" feature, the insured must furnish evidence of insurability which means he must take a physical examination.

However, a veteran will not be denied this total disability insurance coverage because of any service-incurred injury or

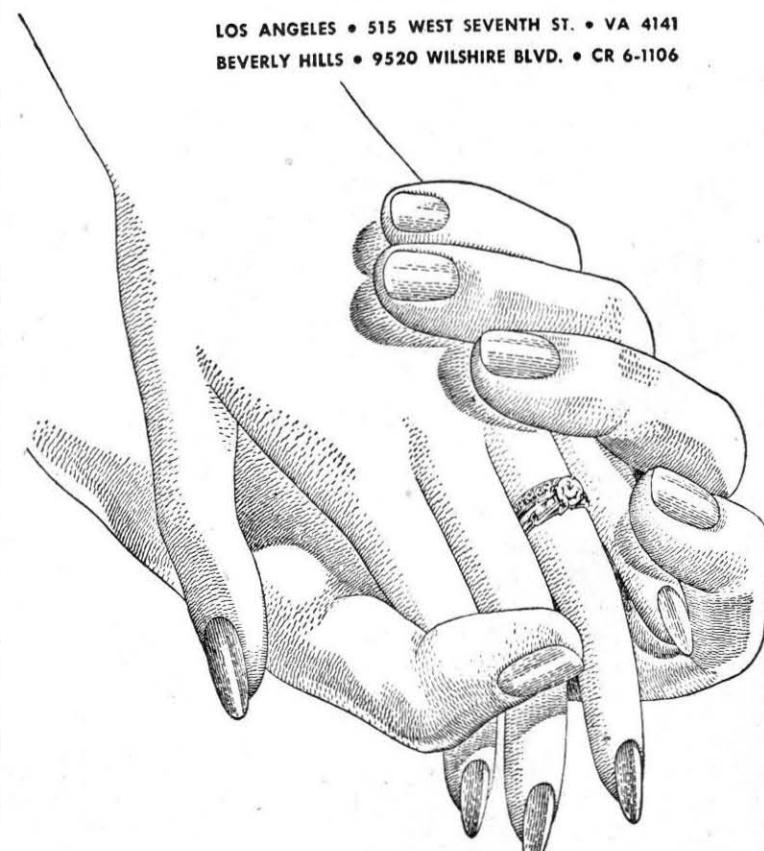
Continued on page 4

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Caltech To Defend Pacific Coast Yachting Trophy

Western Teams to Meet At Newport Dec. 22

Caltech will defend the Pacific Coast Intercollegiate Yacht Racing Trophy at Newport Harbor on December 22, 1946.

The races were last held in 1941 when a team from Tech, headed by Barton Beek, took the trophy.

Sailing Dyer Dinks, a type similar to those used in the Eastern Intercollegiate races, will be teams of three boats each from Stanford, California, UCLA, USC, Loyola, Santa Barbara State, Pomona, Santa Ana J.C., Fullerton J.C., and Caltech.

The elimination series will be held on Sunday morning after a skippers' meeting at 9 a.m.; with the final races being run off in the afternoon.

In addition to the races to be held during the Christmas vacation, plans are being made to have other meets during the school year. For this purpose a group is being organized on campus. Any men interested in participating in the races on Dec. 22nd or later in the year should contact A. Holser in Ricketts House.

One fellow had a terrible auto accident—he tried to shift gears without releasing his clutch.

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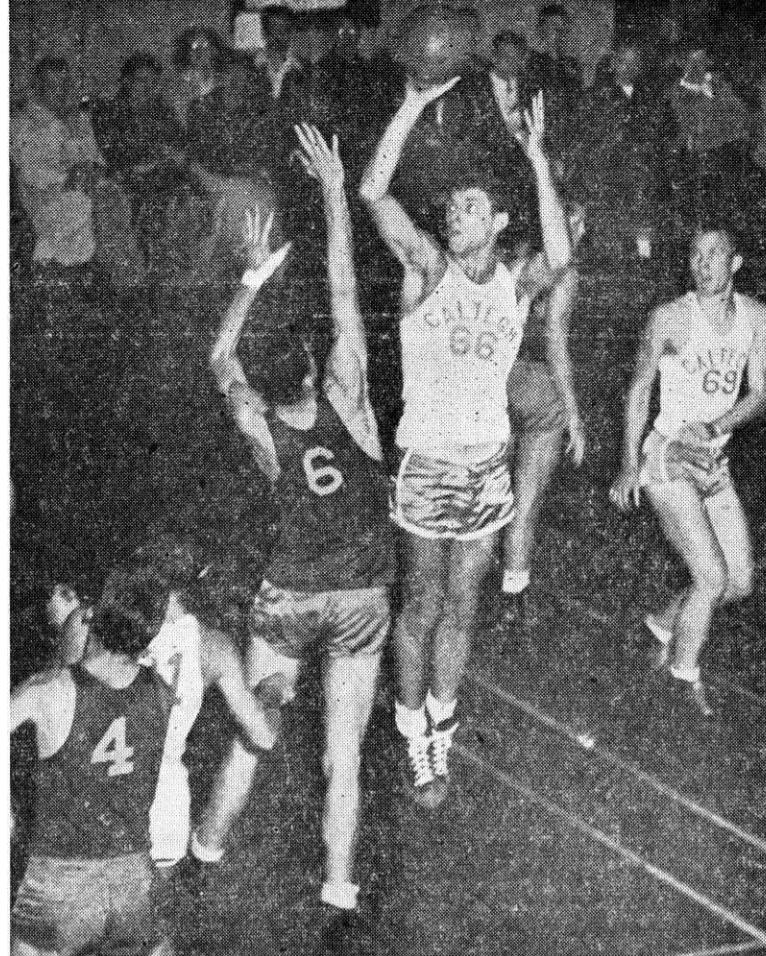
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Beaver Center Saltman (66) outjumps Chapman's Brown (6) to add two more points to the Tech lead.

BLACKER RETAINS DISCOBOLUS

The Blacker and Fleming touch football teams played to a scoreless tie Dec. 5 in a play-off for the Discobolus.

As Blacker retains possession of the Discobolus it becomes the first house to defend it successfully against two consecutive challenges.

DINE and DANCE

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Techmen To Enter Ski Meet At Sun Valley, Idaho

Assuming that they survive the strain of Finals Week, a group of enthusiastic Tech skiers will head for Sun Valley, Idaho, immediately after finals are completed.

The Tech skiers will enter a six-man team in the Fifth Annual Intercollegiate Ski Meet to be held Dec. 28 to 31. They will be competing against such schools as Stanford, Dartmouth, University of Washington and University of Utah.

Sun Valley provides a wonderful opportunity for the enjoyment of skiing, with its many open slopes, powder snow and six chair lifts. The Techmen also intend to make use of the numerous skating rinks and outdoor swimming pools (heated, of course).

This will be the fulfillment of a year of waiting since the trip was first planned and reservations made.

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Beaver Cagers Hit Stride; Top LaVerne, Beat Chapman

Come From Behind To Tame Leopards

Bouncing back from a pair of practice losses to Muir J.C., the Tech Varsity Casaba quintet awoke in the final minutes of play to overtake a determined La Verne College outfit and go on to win, 32-27.

Furth Sparks Rally

It was "Red" Furth's two quick baskets near the end of the first half that showed the first spark of potency the Beavers developed this season. Before this outburst, Friday night's encounter looked much like the Muir games, with the Engineers at one time allowing the Leopards an eight-point lead.

After the half, which ended 18-16 for Laverne, the Beavers temporarily lapsed into their former form, missing six consecutive free throws, but staying within striking distance. With a scant four minutes to go the whole team suddenly awoke, took the lead and won.

JV's Flounder

Short on experience and playing on a short court with curved backboards, the JV's floundered to a 21-7 half-time deficit in the preliminary game, and were unable to erase it in the second half, losing 43-21.

Redlands First In Conference Run

With a low score of 18 points Redlands University, led by Leonard Weed, won an easy victory over other rivals in the Conference four-mile cross-country run last Saturday morning.

Weed ran the distance in 23 min. 44.6 sec. to lead his teammates, who took three of the remaining five places. Second in the standings was Occidental with 59 points, followed by Pomona with 69 and Caltech with 84. Scoring for Tech were Marshall, Curay, Shauer, Lundy and Brown.

Sat. Win Upset; Beababes Nipped

Playing the same kind of efficient basketball they showed themselves capable of in the last part of the LaVerne game, the Beaver Casabamen Saturday night mastered a usually-potent Chapman squad, 43-35.

Using a slow, deliberate kind of offense coupled with an effective defense, the Engineers took an immediate lead, built it up steadily, and were never threatened. With center Paul Saltman leading the way, the Tech hoopers piled up a 25-13 lead by halftime.

Fouls Costly

The second half saw Saltman, and later Stokeley, leaving the game on fouls, but Ted Bowen took over the task of scoring, and the lead was maintained until the last few minutes, when the Chapman squad made good on a series of free tosses.

Bowen and Saltman tied for scoring honors with 12 digits each, while Matson of Chapman led his mates with nine markers. Jay Montgomery was the Beavers' best offensive threat, scoring seven points before receiving a cut on the face which forced him to leave the game.

JV's Edged in Thriller

The preliminary game gave spectators some real thrills, as the teams battled back and forth to a 51-49 decision for Chapman, with the Tech JV's appearing a different team from that of the fiasco at LaVerne. With center Dalton scoring 19 points, and Davis making 11 from his guard berth, the Tech cagers gave a very strong squad plenty of worries.

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From The Exchanges

Conservatism Plus

In a letter to the editor of the Michigan State College newspaper, a student suggested that finals be held in the last class meeting of the term in order to eliminate finals week and save a week's coal supply!

Looking Ahead

An item in the Scripps College newspaper states that the Christmas vacation for 1947 will begin at 9:30 p. m. on December 18.

Now Its in Michigan

"The Drunkard," which first played in 1844 and has been playing in Los Angeles continually for the past 14 years, is now being presented on the Michigan State College campus by students.

Nightshirts in Colorado

So you thought the Pajamino was unique? Well, up in cold, cold Colorado, at Denver University, they held their annual nightshirt parade last Friday night.

By the way, D. U. is Coed...

Journalistic Addition

A new humor magazine, The Beaver, appeared on the Caltech campus last week.

Superhuman Effort

In speaking of one of their football stars, the New York University paper stated, "... he electrified the crowd of 28,000 by making a 641 yard dash for the second NYU score..."

Food Problem

The dining hall director at Pomona College appealed to the students to stop wasting food by not taking more than they eat and by not taking two desserts. Tech students, can you see the "handwriting on the wall?"

"Radio Loyola"

Students at Loyola University inaugurated their new radio station, KLU, last Friday by presenting a program entitled, "Radio Loyola."

Big Dance

Dancing to Skitch Henderson's band from 11 p. m. until 2 a. m. and Freddie Martin's from 2 until 4 a. m. UCLA students ended their two day 'Cirque Sophistique' activities.

The Loyal Frosh

UCLA freshmen have been delegated to remove all vestiges of red paint from the "Big C" that over-zealous Trojans are suspected of leaving.

Campus Brewins

Frank Wolf's date at a recent dance was noticed to be wearing a large sparkler, as was Neville Long's drag at another affair, but I'm not quite sure who is to be congratulated in this regard.

Scripps Cooperates

The boys in Fleming must really swing some influence with the Clark lassies. Two members of that Scripps hall did most of the work on decorations for the Fleming-Ricketts Formal.

Last week-end saw Rasmussen Q. Reptile, the campus snake, crawl out of his hole for one last fling in high style before Finals Week engulfed him.

Dabney

Dabney got quite tony about the whole thing with a smooth affair over at the Brentwood Country Club. Quite a few people got there in spite of Hank Wheeler's map. After going to such pains to see that everybody else got there, he himself got hopelessly lost on the way there.—Dave Douglas seemed to be having a fine time with Helen Barbour, who has been monopolizing his time of late.—Bill Giacomo was there with Lish Beck of Scripps.—Driving time out to Scripps and back that evening took an average of about four hours. Maybe this accounted for the number of PJC girls present. Among others, Paul Fullerton and Carlos Navarro had cute tricks from our junior neighbor in tow.

Monopolist

Big - little - operator Bogart, Blacker freshman, seemed to be approving the sailor's tradition as I saw him driving hell-bent-for-election down Wilshire Blvd. in an open jeep with not just one but two, intriguing little numbers hanging on to him.

Blacker

Blacker revived their traditional Christmas Formal and keynote of the decorations was the 16-foot tree, which has been attracting visitors ever since.—Attendance was exceptionally high and some of the fellows I thought were snakes showed up with some very nifty charmers.—Who was the bleary-eyed character who crawled out from under a couch in the lounge about 2 A.M. and asked Jep Wade, "What happened to the dance"?—Carl Oberman had two dates for the dance, stood them both up at the last minute, and took a different girl to a different party. Huh? See what you can make of it.

Gourmets

Tom Stix, Dean Johnson, Bill Drew and Vince Honnold were dining at plush Pierre's with their dates last week. You know, that's the place where they serve crepes suzettes to the tune of "Ave Maria."

The effect of that gin is beginning to wear off, so I had better quit.

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Hours 8-6, Saturday 8-9 P. M.

RADIO SERVICE

Musical Baedeker

Musical Officers Elected

After several months of stagnation the Caltech Musicale has finally started rolling. At a recent organizational meeting Charlie Shaw retired as presxy and Rolf Sinclair was unanimously elected into the presidential office. Valle-Riestra was re-elected program chairman, while Koch and Quirbach took on the duties of Business Manager and Record Committee Chairman, respectively.

Plans for Future

The resumption of noon and Sunday evening concerts is scheduled to coincide with the beginning of the second term. Sinclair promises to get the Musicale into its pre-war groove and to present commentators from Southern California musical circles during Sunday concerts. Plans are also afoot to expand the excellent record collection with more recent releases and to replace older records with better recordings.

Membership Cards

All those interested in becoming members should contact Sinclair, who may usually be found around Dabney lounge. Upon learning the proper operation of the instruments, they will be issued membership cards which will entitle them to use the Musicale equipment at any time. Keys will be kept with the librarian in the Humanities library.

Paganini Quartet to Pasadena

An outstanding musical event will be the appearance of the Paganini Quartet at the Pasadena Playhouse on Sunday, Dec. 15, 4 p. m. The quartet (Henri Temianka, first violin; Gustave Rosseels, second violin; Robert Courte, viola; Robert Maas, cello) was formed early in 1946. Two of its members are already known in America—Temianka as a prolific concert soloist, and Maas as a member of the famous Pro Arte Quartet, inactivated during the war. Rosseels and Courte are prominent Belgian musicians who until recently taught at the Royal Conservatory at Brussels, a post which they relinquished for the purpose of forming the quartet.

Stradivarius Instruments Used

Four historic Stradivarius instruments were especially acquired for the quartet. The four instruments, once owned by Paganini, have been brought together after years of patient efforts. They are four of the most perfect instruments made by Stradivarius, three of them belonging to his late periods. Stradivarius was 92 years old when

"World Control
Of Atom Needed""We Must Lead or Die"
Pauling Tells Forum

Declaring some form of world government to be a vital necessity, Dr. Linus Pauling told a crowded meeting of the Forum, jointly sponsored by the YMCA and the Student Federalists, last Monday night that this is not the subject of a high school debate. We either must do something about it or see half the world destroyed.

"The purpose of the Emergency Committee of Atomic Scientists is to advance the use of the atom in ways beneficial to mankind and to diffuse knowledge about atomic energy to the citizens of the U.S. and the world in order that they may make intelligent decisions," stated Dr. Pauling. Along the lines of the latter he elaborated some very convincing facts: Atom bombs can be made cheaply and in large numbers, and they will become more destructive; there is no military defense against the bomb, and if war comes atom bombs will surely destroy our civilization. There is no solution but international control of atomic energy and the elimination of war. We are closer than most people realize to this ideal, for there are only two really great powers in the world today.

A crusade is needed now to get public opinion behind this last step of consolidation.

Compromise, Not "Get Tough"

"We must be more friendly with Russia," continued Dr. Pauling. "Russia is still immature, so leadership is our responsibility. We can't expect them to meet us more than half way, certainly. Instead of insisting that one system dominate the other we should try to combine the best features of both where joint operation is necessary."

Dr. Pauling concluded by warning against domination of American research and education by the military. Financial control of many schools by the Army violates the basic tenets of education in a free society. To change this to civilian appropriations much pressure on our Congressmen is needed," he stated.

Following the talk, Wes Hershey declared that the Student Federalists present an excellent opportunity of doing something to achieve the vitally necessary world control of atomic energy.

he made the cello.

The concert is sponsored by the Coleman Chamber, famous for presentation of excellent music.

Frank Valle-Riestra

MacLean Awarded
Wheaton TrophyGrid, Water Polo, Cross
Country Teams Honored

The Wheaton Trophy, awarded to the man judged most deserving by his teammates on the basis of sportsmanship, moral influence, and scholarship, was presented to Doug MacLean, fullback, at the Varsity Banquet Monday night.

Letter Winners Announced

Football: Gerald McKenna, Dennis Long, Don Hibbard, Lowell Parode, Ernest Clark, Bob Walquist, Glenn Chaffee, Neville Long, Ordway Manning, Bill Muehlberger, Manuel Bass, Bill Lanz, Ed Winters, Bob Funk, Doug McLean, Stan Mendes, Dick Felberg, Loren Stringer, Norm Lee, Ray Johrde, Larry Dahm, Warren Marshall, George Lyon, Brad Houser, Don Baker, and Manager Bill Jarmie.

Water Polo: Bill Dixon, Fred Eimer, William Palmer, Howard Reincke, George Wilson, Bob Waters, Charles Murphy, Mike Hall, Neal Hurley, John Whittlesey, Manager Fred Schneider.

Cross-country: Ken Shauer, Mike Sellen, Doug Brown, Jack Marshall, Joe Curay, Stan Barnes, and Manager William Carroll.

NEWS FOR VETERANS

Continued from Page 2
disability, if he applies before 1950.

For further information see your VA contact officer at 137 N. Marengo in Pasadena.

W. A. CHRISTOPHERSON.

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OPENS FRIDAY, DEC. 13

CHARLIE Barnet
and his FAMOUS ORCHESTRA
featuring ART ROBEY TOMMY PEDERSON BETTY PERRY AL LANE
DANCING NIGHTLY EXCEPT MONDAY

TOMMY DORSEY'S Casino Gardens OCEAN PARK