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California Institute of Technology

Friday, January 24, 1947

No. 13

Volume XLVIII

Approval Given To Most Of ASCIT By-Law Amendments

Employment Committee, Four Year Office Eligibility To Remain

Last Friday's ASCIT elections on the proposed By-Law Revisions resulted in the adoption of all but three proposed changes in the constitution.

The necessary two-thirds majority approved all but the deletion of Article VII, Sec. 5a (a); Article XI, Sec. 6; and the proposed new Article XI, Sec. 8. These are the provisions that no man taking more than four years to finish his course may be eligible for an ASCIT office; the existence and functions of an Employment Committee; and the highly controversial proposed Activities Committee which would have had power to cancel social events, meetings, etc., in conflict with ASCIT.

Graduates May Join ASCIT

Changes made in the constitution provide that graduate students are now eligible for membership in the corporation, although they will not be eligible to hold elective offices.

A full set of Freshman Class Officers will be appointed for the first term, rather than one man, as previously done.

The duties of the Secretary, Publicity Manager, Representatives-at-Large, Board of Control, and Rally Committee were clarified and brought up to date. Approval was given for the issuance of certificates to men receiving over 50 honor points.

A relatively small number of votes were cast, with only about one-third of the student body participating in the election.

Big T Gets Off Dime; Contract Signed

After a valiant struggle over finances, the Big T is finally getting off the dime. A contract has been closed for printing the book, which means the dummy at last can be put into its final form. Assignments for articles are now being given to staff members at the weekly staff meetings.

Work at present is on the section of the book dealing with the Institute, with the section on classes scheduled to follow immediately. Any men interested in this sort of work are urged to attend the next staff meeting at 7:30 p.m. Monday in the Big T office in Lower Fleming.

Jan. Enrollment Drop Small

Tabulation of the registration figures for this semester reveal a total enrollment of 1347 for the spring term, as against 1381 last October. The exact breakdown for January '47 is: Frosh,

Continued on Page 3

Spring Forum Opens Monday.

"Is That What Ails Me?" Dr. Eitzen Asks Forum

The Spring Forum Series, sponsored by the "Y," opens next Monday in 119 Kerchoff at 7:30 p.m. with Dr. David Eitzen's



Dr. David Eitzen

discussion of "Is That What Ails Me — The Psychodynamics of Maladjustment."

Dr. Eitzen, Associate Professor of Psychology, Graduate School, USC, and a practicing psychologist in Los Angeles, will be long remembered by those who attended the Asilomar Conference as one of the most fascinating and certainly the most popular of the lecturers there.

Self-Analysis Emphasized

Among the phases of the problems to be investigated will be: how to meet personal problems, how to take advantage of your limitations; in short, how to live with yourself.

This is only the first in a series of pointed lectures. Dr. Popenoe follows in a few weeks with the subjects, "Psychology of Sex" and "Sociology of Sex."

These forums are open to the faculty and students.

Training Table, 12:00
Orchestra Practice in Culbertson Hall, 7:30 p.m.

Thursday, January 30—
Dancing Class, 7:30 p.m., in Culbertson Hall.
Glee Club Practice in Dabney Hall, 8:30 p.m.

Friday, January 31—
Frosh Class meeting in 201 Bridge, 11 a.m.

Senior Class meeting in Culbertson Hall, 11 a.m.

Ricketts House Sophomore Dance

Blacker Exchange Dance

Fleming Exchange Dance.

Saturday, February 1—
Basketball game. Pomona at Caltech, 7:00 p.m.

Peacetime Atomic Energy Uses Many

World Gov't May Be Answer To Control, Says Dr. Fowler

At a meeting sponsored by the Student Federalists Wednesday evening, Jan. 15, at 201 Bridge, Dr. William A. Fowler, professor of physics, discussed atomic energy uses and control.

Dr. Fowler stated, "Peacetime uses that are expected include: use as tracers in biological work dealing with nutrition and diseases, industrial uses, such as examination of metals by the high-powered rays; power applications which may compete soon with coal and gas, and perhaps even water power; and specialized emergency power applications."

Slides Depict Development

A series of slides were shown illustrating the processes involved in converting radioactive ore into the final usable form called "slugs." It is these slugs that will be used as the source of power for peace-time uses. Uranium 235 was pointed out as being the most common base at present used in manufacturing slugs. Thorium and Uranium 233, however, can and will probably be used to some extent.

Method of Control

At Atomic Development Authority was explained by Dr. Fowler. This is the international agency that will have as its responsibility preventing nations from using atomic energy to make atom bombs. Through the control of the accumulation of fissionable materials the ADA hopes to make all the activities safe.

Sovereignty at Stake

But controlling fissionable materials would require international inspection and supervision of atomic activities. This

Continued on Page 4

Westinghouse Fellowship Applications Accepted

Applications for the Westinghouse Educational Foundation Fellowship in electric power systems engineering, effective Sept. 22, 1947, are being accepted at Illinois Institute of Technology.

The fellowship provides free tuition for a three-semesters' period of study as well as an additional grant of \$500 each semester. The program consists of a prescribed course of study including research and actual work in power systems, studies being made by the power and manufacturing companies co-operating on the Institute's A-C network calculator. Upon satisfactory completion of the course, the student will be awarded a Master of Science degree in Electrical Engineering.

Selection will be based on personal qualifications and interests, as well as on the scholastic ability of the candidates. All candidates must have a Bachelor of Science degree in electrical engineering college.

All applications must be in before March 15, 1947.

Sales Engineering

A good chance to learn something about the practical aspects of the engineering profession is offered to all students next Monday afternoon at 4:00 in Room 119 Kirchoff.

Mr. V. A. Peterson, district manager of the Elliott Company, manufacturers of turbines and heat exchanger equipment, will speak on Sales Engineering.

Tech Cagers Upset Tigers In First League Win

Favored Oxy Team Defeated 39-33. Tonight, At Redlands, Next League Tilt

The Caltech varsity cagers tossed a monkey wrench into the Southern California Conference standings by defeating the favored Tigers from Occidental, 39-33, last Tuesday night on the Armory floor. The victory gives Coach Carl Shy's squad an even break in two games of conference competition played to date, and puts them in a tie for second place.

Tech Holds First-Half Edge

In the opening minutes of play Oxy took a slight lead, but Tech pulled even when Cox dropped two long shots through the hoop. The game then see-sawed back and forth, with neither team able to obtain more than a 2-point lead. Then, in the waning part of the first half, Tech gained the upper hand, and controlled both backboards, pulling out to a 5-point lead, to make the score 23-18.

Second Half

Roaring back from the first half, Oxy started the second half like a house-on-fire, with MacLean "swishing" two baskets from far out and Black contributing one setup to give them a 1-point lead. But Tech recovered when Paul Saltman sank one, and the game slowed down to a pitched battle up and down the court. Oxy tallied a basket and a free throw, while Tech was making two baskets. Another furious up-court-down-court battle followed, ending with another Tech basket. Then Tech pulled away, reaching a 37-29 score with two minutes to play.

Oxy Makes Last Try

At this point Tech shifted to stalling tactics. A fast passing game in the Tech forecourt kept the ball in Tech control for a minute, but the Tigers broke through for two quick baskets to creep to within 4 points and throw a scare in to the Tech roosters. But the Beavers regained control, and fast passing brought Saltman loose for the last field goal of the game to settle the final score at 39-33.

Comparison with the Pomona game showed Tech improved, and in better form. The first half was about the same, but the big difference was the last half, which saw the Beavers play better ball than in the first half, in contrast to the Pomona fray, where the opposite was true. Tech controlled the ball off the backboards throughout most of the game, and intercepted numerous Oxy passes in the second half. Bowen and Montgomery, as well as Guards Cox and Moore, were thorns in the Tigers' sides under the Tech basket, and Paul Saltman did a very neat job of stopping Black, the Oxy center.

Continued on Page 3

Cal Tech Orchestra Forges Ahead

The Cal Tech Orchestra is making big plans for the remainder of the year, with two assemblies on campus, various exchange assemblies at other schools, and participation in the Institute's prospective Exhibit Day all on the fire. Conductor John Brockman has done an excellent job of collecting interesting music capable of being performed by a small group, but the lack of instruments in the lower register is a great limitation. Charles B. Shaw Jr., president of the Orchestra, reputedly has offered a reward for the capture intact of anyone capable of playing the French horn. And, of course, in a group of this sort, the rule with respect to all instruments is, "the more, the merrier." So anyone capable of playing any orchestral instrument is most cordially urged to attend the next rehearsal, in Culbertson Auditorium at 7:30 p.m. Wednesday. This includes graduate as well as undergraduate students.

Class Meetings

On January 31, next Friday, the Senior Class will meet in Culbertson Hall at 11 a.m. to discuss plans for graduation, Ditch Day, and the Junior-Senior Prom. At the same time the Frosh Class will meet in 201 Bridge to hold an election of officers who will carry the class through till the end of the year.

Embassy Attache Addresses Assembly

The speaker on Poland at this morning's assembly was Miss Xenia Zytomirska, in case anyone didn't catch the name. Miss Z, who has had many interesting war experiences as an underground worker during the German occupation and in the beginning of reconstruction work, is now an attache at the Polish Embassy.

Her objective is to establish strong cultural ties between the Polish and American people, and to get help for the Polish War Orphans.

CAMPUS CALENDAR

Friday, January 24—

Basketball game. Caltech at Redlands, 7:00 p.m.
Lecture by C. G. Niemann on "Research in Chemical Warfare" in 201 Bridge, 7:30 p.m.

Saturday, January 25—

Throop Dinner Dance
Fleming-Ricketts Barn Dance

Sunday, January 26—

Musical in Dabney Lounge, 7:30 p.m.

Monday, January 27—

Band Practice in Culbertson Hall, 7:30 p.m.

Wednesday, January 29—

Frosh Luncheon Club at the

The California Tech

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It's Your Baby

Last October, as the Institute returned from its wartime hysteria to a more normal peacetime program, it was emphasized again and again that the primary factor in accomplishing this successfully was whole-hearted student body participation in extracurricular activities, the foundation of a well-developed college life.

At that time the response was enthusiastic, and during most of the first term it continued so. Unfortunately, this is no longer true, or so it seems from observation of one isolated but far from unimportant case. To be more specific, the editors of the California Tech are now faced with the problem of issuing a weekly newspaper with the assistance of only a handful of men. This obviously places an undue amount of work on a few individuals and results in a poorer paper than can and should be published by a school of Caltech's caliber.

This situation can only be remedied if those students who are interested in working for the good of the school, plus the invaluable experience and honor points, will give a little of their time to serve on the newspaper staff. The California Tech is published BY the students of Caltech FOR the students of Caltech.

THIS IS YOUR NEWSPAPER. IT IS UP TO YOU TO MAKE IT THE BEST POSSIBLE!

How about someone in the labs devising, for finals, a pen that will write under pressure?

APRIL
19
1947

Caltech Second

College contracts with OSRD ran into fancy figures during the war, the "take" of 25 schools grossing over \$1,000,000 by mid-1945 totaling \$335,000,000. Big Four among the college money-makers were MIT, with approximately \$117,000,000 on its books; Cal Tech, \$83,000,000; Columbia, \$29,000,000, and California with \$14,000,000.

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Musical Baedeker

Tomorrow night the Southern California Symphony Association, through the auspices of the Pasadena Philharmonic Committee, will present the second in a series of concerts by the Los Angeles Philharmonic Orchestra. This fine symphonic group, directed by the very able Alfred Wallenstein, is rated as one of the best of its kind in the United States, and its performance in Pasadena represents the musical highlight of an otherwise meager season.

Jacques Thibaud Featured

The featured soloist of the evening will be Jacques Thibaud, world-famous violinist. The following program is scheduled as of press time:

1. — SCHUBERT—Symphony No. 2.
- 2.—MOZART—Violin Concerto in A Major.
- 3.—RAVEL—Ma Mere L'Oye.
- 4.—CHAUSSON—Poeme for Violin and Orchestra.
- 5.—STRAUSS—Till Eugenspiel.

Good Seats Available

The concert will be given in the Concert Hall of the Pasadena Civic Auditorium and will begin promptly at 8:30 p.m. Good seats may still be purchased at prices ranging from \$1.20 to \$3.60. Tickets may be bought at the Auditorium Box Office or by calling SY. 2-9473.

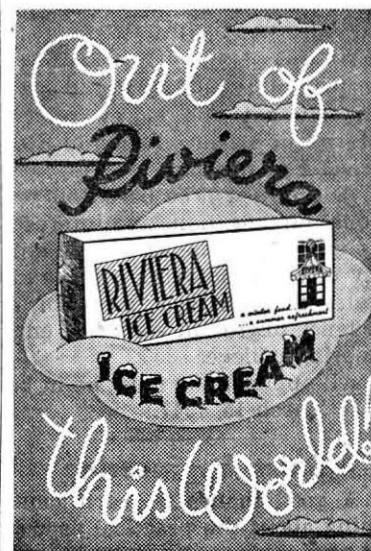
Musicale Concert

Sunday evening the Caltech Musicale will present a medley of the works of American composers. The concert is designed to acquaint the general public with the less known compositions of men such as Roy Harris, Edward MacDowell, and others. SINFONIA DE ANTIGONA, THE PLEASURE DOME OF KUBLAI KHAN, FIVE PORTRAITS, and other compositions should convince skeptics that American music is up to the highest standards. Sol Feferman, noted authority on contemporary American music, helped in selecting the program.

Basie's Band Fair

The recent engagement of the Count Basie Band at the Avadon Ballroom gave local popular music fans an opportunity to review a band long associated with the best in jump swing.

Basie's band is still undoubtedly a great musical aggregation, but the consensus of opinion is that it "ain't what it used to be." The fine rhythm section is still there—Jo Jones on drums, Walter Page on bass, and Freddie Greene on guitar. Buddy Tate still plays fine tenor, Basie tinkles an occasional good piano solo, and Jimmy (Five-by-Five) Rushing is a great blues shouter



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The Front Burner

"Ten Little Indians," Agatha Christie's famous mystery, opened the Pasadena Playhouse's late winter play schedule Wednesday evening. This murder thriller will run through Sunday evening, Feb. 2.

Ten people are bidden to a lonely isle, and upon arriving find their host, a Mr. Owen, absent. What starts out to be a pleasant week-end party is suddenly changed when each guest hears himself indicted for a long-past muredr. This shock soon changes to fear, when they realize they are out of touch with the rest of the world and the victims of a homicidal maniac who runs rampant through their group.

The plot is based on an old nursery rhyme, and as each of the ten clay Indians on the mantel leaves its perch another guest is found inactivated. The group soon realizes that one of their own number is the murderer, and the fast-moving mystery closes with a surprise ending that is liable to upset the deductions of more than one detective in the audience.

June Audubon, as Mr. Owen's secretary, has the feminine lead and even the maniac wanted to get his hands on her! Frederic Berest supplied a meager love interest and William Henry did a good job on the part of General Mackenzie, an aged man who loved his departed young wife.

Director Dan Levin has staged a good mystery play, and for an enjoyable evening of suspense you won't go wrong with "Ten Little Indians."

—LEWIS L. GRIMM.

for anybody's money. However, the famous cohesion of the various sections seems to be gone. The screaming, sloppy riffs give an impression that the band strives too much for effect; this is especially true of some of the solos—Harry Edison's trumpet acrobatics, Paul Gonsolos' tenor blowing that is pure noise set to rhythm, and Anne Moore's lyrics that stay half a bar behind the beat. Basie's band can and should play better music than it did during its stay in L.A.

From The Exchanges

Fast Thinking!

A Fresno State College sophomore when accosted by a cop for running a red light at 90 m.p.h. offered the excuse that he was drunk!

Logic or Chemistry?

A chem prof while writing an equation on the blackboard remarked that it should be of passing interest. A bright University of Texas student announced, "That's the formula for Epsom salt."

Big Operator

O. Henry in his search for a true cosmopolite must have overlooked Sam Hall, Texas Christian University student. TCU is the seventh college he has attended.

Will Adopt Refugee

The Sophomore Class at Rutgers University has raised enough money and will adopt a refugee child. The Junior Class already has done so.

Navy Vets Take Notice

Through the sponsorship of the Office of Naval Research, a professor at the University of Rochester has developed a machine to study seasickness.

War Was Never Like This!

GI students striking for the removal of a school administrative officer at West Texas State Teachers' College called off their five-day walkout when threatened with the loss of their subsistence checks.

Reactionaries

The ASB cabinet at Long Beach City College promised disciplinary action to any student found on campus intoxicated or with liquor in his possession. A student already has been suspended.

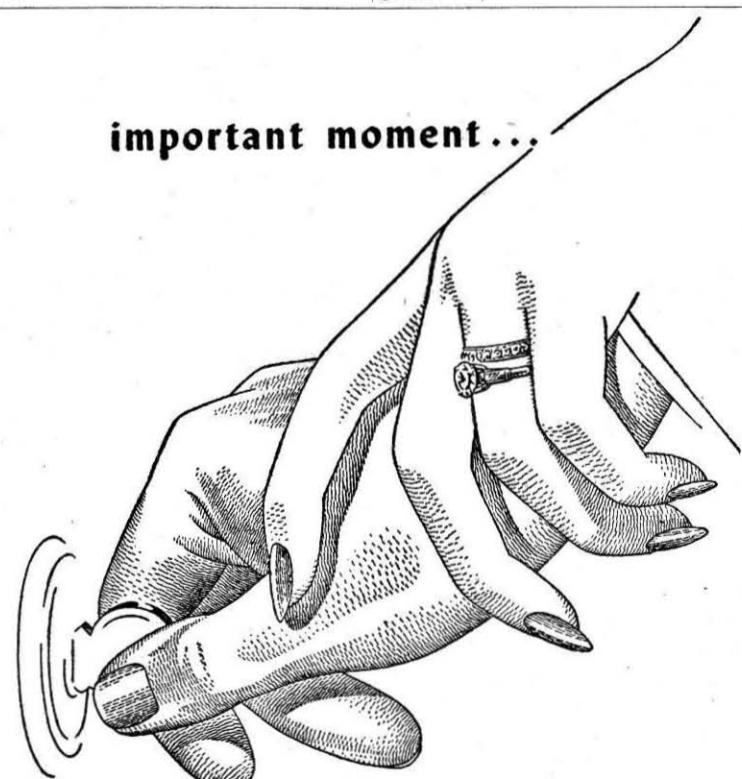
Casualty

Attacked by six unidentified men for posting Anti-Frat posters around the campus, Ed Johnson, Compton College, is now sporting a cast and crutches.

The Old Question

The student newspapers at Pomona College recently conducted a poll to determine if the students were in favor of prohibition. Opinions were evenly divided, the most profound dissenter giving as his reason that he wouldn't be able to be a post-grad!

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Ricketts Leads In House Touch League

Fleming Defeated In Close Contest

A strong Ricketts team came from behind in the last minute to upset a favored Fleming team 24-18 in the feature game of the Interhouse Touch Football League last Monday afternoon. Other games saw Blacker easily trip Throop, 12-0, Fleming down Blacker, 24-0, and Dabney wallop Throop, 42-0.

Passes Win For Ricketts

Fleming gave all indications of repeating their Dabney performance against Ricketts by scoring three quick touchdowns while Ricketts could only garner one. But in the second half Ricketts caught fire, and with a powerful passing attack, tied the score at 18-18. Then the big break came. Fleming failed to make the necessary yardage, and the "Rowdies" took over deep in their opponents' territory. With seconds to go they scored the winning touchdown, to give them the undisputed league leadership.

Throop Out of Running

Showing little except spirit against the other teams, Throop bowed twice last week, Blacker and Dabney being the victors. Blacker had little trouble in pushing over two touchdowns in the first half to win the contest which was called after five minutes of the second half had elapsed. Dabney, in a full contest, had a field day in scoring seven times to run up the highest score in competition thus far.

Fleming Recovers

Coming back from their loss earlier in the week, Fleming trounced Blacker in a game that was decided by intercepted passes.

The Standings:

	Won	Lost
Ricketts	2	0
Fleming	2	1
Dabney	2	1
Blacker	1	2
Throop	0	3

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UCLA Beats Tech In Sailboat Races

Ringer for UCLA Top Scorer In First Local Dinghy Races

To the accompaniment of friendly cries of "Ringer!" UCLA took the triangular sailing meet held at Alamitos Bay Sunday, Jan. 19. The UCLA team, composed of Ray Harder and Ken Morgan, students, and Llewellyn Bixby, Pomona alumnus, was first in the series of three races with 30½ points, followed by Caltech with 43½. Pomona finished last with 60½ points.

Don Kincaid Places

In the individual races, Ray Persons of Pomona won first, L. Bixby of UCLA won second, and Don Kincaid of Caltech was third. Mitch Cotton and Alex Holser comprised the rest of the Tech team. Sailing for Pomona were Bruce Cooper, Jacques Pierrot, refugee sailing star from Holland and Ray Persons.

Officials for the race were from the Race Committee of the Alamitos Bay Yacht Club. Unlike the Pacific Coast races held last month, there was no lack of wind, and no trouble was had in running off three races in the course of the afternoon. Boats used were Naples Sabots, borrowed from the Alamitos Bay Y.C. and other owners from the area. Ray Harder of UCLA and Harry Davis of Long Beach were instrumental in getting the use of the boats.

More Races Soon

More races are being planned for the rest of the year, though a definite schedule has not been set up as yet. A meeting of the club will be held on Monday evening at 7:30 in Ricketts 17. All men interested in racing for Caltech are invited.

Wisdom—Knowing what to do next.

Skill—Knowing how to do it.

Virtue—Not doing it.

—The Log.

"Angels" Startle Pasadenaans; Varsity Initiation Successful

Halos, white sheets, and two foot-high potted trees worn by 11 Techmen while parading down Colorado Street in a column of ducks the night of Thursday, January 16, created bewilderment in the minds and puzzled stares on the faces of the usually staid citizenry of Pasadena. The occasion, of course, was the initiation of new members to the Varsity Club, newly reactivated to enforce the decisions of the Court of Traditions, and referee interhouse sports, both of which functions it performed very successfully in the "good old days."

Following two days of lugging

the potted trees to all classes, and performing the act of Sicum Rover upon command of any Varsity Club member, the initiates paraded to the Pasadena Playhouse which, by a not too odd coincidence, was full of Caltech alumni, there being a theatre party that night. The pledges, besides providing highly appreciated entertainment with pro-Tech and anti-Oxy songs and yells, performed many useful functions, such as brushing the carpets in front of entering women, and giving the women, too, the brush-off.

Not Really Crazy

After leaving the theater, one child in the surrounding throng was heard to yell, "You guys ain't really crazy, are you?"

The question is yet to be settled.

Following a mass act of Sicum Rover at California and Lake, way was made to the Skip Inn, via the Hotel Constance lobby, where the initiates stentorously declaimed, "E to the X!"

At the skip Inn the initiation was completed and the new members, Don Baker, Manny Bass, Curray L. Dahm, R. Felsenberg, B. Houser, W. Jarmie, G. McKenna, Ord Manning, W. Marshall, W. Muehlberger, L. Stringer, R. Walquist, and E. Winters were welcomed into the club.

It is not recorded whether or not Manny Bass ever reached and ate that cracker that all evening was hanging in front of his mouth from a fishing rod.

The Varsity Club is looking forward to a snow party next month as its next function.

Continued from Page 1

Offensively, Saltman led the bucket brigade with 11 points, while Cox nabbed second honors with 8. Black was high for Oxy with 10 points.

On past records Tech, will be the underdog again tonight against Redlands in the third league contest, played there. But if the Beavers get hot and play like they did against Loyola, there is no predicting what might happen.

Jayvees Lose

A classy Oxy jayvee team completely outplayed the Tech B's in the second half to win the preliminary game going away. Half-time saw the score even up, but the Beabees could not cope with the Tiger fast break, and Oxy won, 48 to 36.

POINT-BY-POINT

Caltech (39) Occidental (33)

Bowen (7)	F. Olson (4)
Montgomery (7)	F. Wheaton (9)
Saltman (11)	C. Black (10)
Moore (5)	G. Hankins (3)
Cox (8)	G. Cornell

Scoring subs: Caltech—Mullen, 1. Oxy—Burton, 2; MacLean, 4; Gilexon, 1.

JV SCORE—Occidental, 48; CT, 36.

Continued from Page 1

179; Soph, 237; Junior, 212; Senior, 153, for a total of 783 undergraduates.

The greatest change was in the number of graduate students, there being 564 at present as against 583 last fall.

Pomona, Chapman Points

Caltech (35) Pomona (47)

Bowen (1)	F. Brown (4)
Montgomery (10)	F. Graas (8)
Saltman (15)	C. Olson (19)
Cox (9)	G. Smertzer (2)
Moore (1)	G. Bangeman (1)

Scoring subs: Caltech—Stokeley, 4; Furth, 2; Mullen, 2. Pomona—Daniels, 2; Liddle, 2; Schaffer, 5; Hartley, 4.

JV SCORE—Pomona 42, Tech 22.

Caltech (42) Chapman (48)

Bowen	F. Kuykendall (11)
Montgomery (7)	F. Manring (6)
Saltman (12)	C. Murrell (14)
Cox (9)	G. Russell (4)
Moore (5)	G. Burns (3)

Scoring subs: Caltech—Mullen, 2; Stokeley, 2; Furth, 4. Chapman—Matson, 5; Wyche, 5.

JV SCORE—Chapman, 38; Tech, 22.

Cagers Drop Two

Last week was "loss weekend" for the oscillating Tech squad as it ran its loss string to three straight in a league fray at Pomona Friday and a non-league rematch with Chapman on Saturday.

Friday's contest saw the Beavers outplaying a zone-defense using Pomona squad for almost a half as they built up a commanding 19-12 lead. In the last few minutes of the period, however, a combination of free-throws and goals reduced the margin to 2 points.

Cagehens Stiffen

During the second half the Cagehens defense stiffened, however, and the alert Claremont players capitalized on spotty Tech ballhandling and shooting, and built up a 10-point lead. During the early part of this stanza, Engineer Center Paul Saltman received an ankle injury which greatly reduced his effectiveness and enabled his Pomona counterpart at center, Olson, to rack up 19 points to lead his mates to a 47-35 victory. Saltman's 15 points, most of them scored in the first half, topped the Tech scoring column.

Take Early Lead

The Saturday night encounter at the Chapman Vermont Ave. plant was more of the same. Exhibiting the same mastery over the panthers which brought them victory in a previous meeting, the Tech hoopsters soon built up a large enough lead to justify Coach Shy in substituting his second team. Again, the opposing quintet cut this margin in the last minutes of the half, and at intermission, the Engineers held only a 3-point lead, 22-19.

As soon as the second half began, however, the Chapman five knotted the count and drew ahead, with Center Murrell leading the way with long shots and two quick over-the-shoulder shots from his pivot position. Once again, most of the period was over before the Tech cagers were able to find the hoop. Fighting to preserve a 5-point margin, 41-36, the Panther squad matched an offensively revived Beaver combat shot-for-shot down to the final gun, as quick baskets by substitute Chapman Guard Wyche, who eluded his opponent each time, broke the Tech threat and the Chapman five won, 48-46.

"More Men In 3 Years Than If No War"—Knudsen

"Within two or three years the number of American lives saved as a result of medical research during the war will exceed the number of men killed in the war," declares Dean Vern O. Knudsen of UCLA, adding that, though atomic developments were important, more benefits are likely to follow from researches in life sciences.

Johnny Long's Shanty in Old Shanty Town

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Campus Brewins

Prize for the novelty social event of the year undisputedly goes to Dabney for their "Department Store Girls" exchange dance. The Dabneyites merely made the rounds of such places as the Broadway Pasadena, Nash & Co., et al and upon noticing an enticing number behind a counter, dropped a neatly printed little invite requesting them to drop around to the house for a little get-together. Almost a dozen showed up.

Fleming Entertains

The recent Fleming Exchange with PJC, Oxy, and the Pasadena Playhouse seems to have been acclaimed quite a success. In fact, help had to be secured from the other houses to handle the surplus of women.

Don Mon was wolfing it at this affair but he didn't seem to be spending much time on the dance floor.—After no small amount of competition, Brad Houser finally took home a smooth number by the name of Cathleen.—Dean Johnson was making time with Ruth Paulson, social chairman of Ore Hall.

Traitor!

Bill Boutelk has been dating Renee Pelletier from Oxy. This is one of the charming creatures that lured several Techmen into an Oxy trap during the pre-game fracas.

Mountaineers

Would-be Mountaineers Stix, Whittlesey, Tracy and Oberman set out from Altadena last Thursday afternoon with Mt. Wilson as their goal. Leaving at 3 p.m., they slightly underestimated the task at hand as they arrived, shivering in T-shirts, atop the wind-swept peak a little after 7 in the evening. Dragging Tracy behind them they found Morrison and Evans waiting for them in a warm auto well cheered by a good supply of Scotch!

Huntington Soiree

Among Techmen present at a cocktail party given at the Hunting Hotel last Sunday by Scripps-lass Betty Mae Hopkins were Tom Stix, Barry Schuyler, Hank Wheeler, and Bob Stokely. Everybody was simply sparkling and Bob found it necessary to drive several of the Scripps girls present back to Claremont.

Continued from Page 1 would entail a partial lack of national sovereignty on the part of nations with atomic plants. Feeling that a brotherhood of nations is not enough, Dr. Fowler expressed the opinion that a federal world government is needed to control and insure peaceful uses of atomic power.

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