

California Institute of Technology

Thursday, January 13, 1949

Volume L.

Caltech Hosts Debaters, Dance, Banquet Featured

25 Schools, 100 People Compete for Cups; UCLA, USC, Utah U., Oxy to Attend Friday

Two days of debating, dancing, and dining will highlight the annual Caltech Invitational Debate Tournament, to be held this Thursday and Friday, on the question of Federal aid to education.

Three Features

Three unusual features have been planned for the Tournament: a banquet with Dr. Lee A. DuBridge as guest speaker talking on "Federal Aid to Universities"; a post-tournament dance; and three audience viewed debates, which will match the top teams of U.C.L.A., U.S.C., College of the Pacific, and Caltech.

25 Schools

Over 200 participants from 25 Western schools will compete in the gala two-day affair. Among schools participating will be the University of Utah, New Mexico U., U.C.L.A., U.S.C., Redlands, Pomona, Occidental, Whittier, College of the Pacific, and probably Stanford and the University of Nevada.

The Tournament schedule is as follows: The debaters will attend a banquet at 6:30, Friday, following the first three rounds of debate. Following the banquet, at 8:30 p.m., the trio of audience viewed debates will be held in 119 Kerkhoff, 206 Dabney, and 201 Bridge, pitting Caltech teams against those from U.C.L.A., S.C., and College of the Pacific, respectively. Everyone is invited to attend these as well as other rounds.

Dance

In a finale to the whole affair, the post-tournament dance, to be held Saturday night at Throop Club, will attract the male and female debaters (in ratio of one to one, it is hoped). In charge of arrangements for the dance are George Brown and Leo Breiman.

Fourteen teams, the largest number to be sent to any tournament by this school, will represent Caltech at the tourney.

In the Junior Division will be Beek and Brow, Gardiner and Stone, Groner and Dyer, Vrolyk, and Goodwin, Keepis and Smith, Weeks and Cain, Calley and Kidder, and Rogers and Beebe.

Senior Division will field the following Caltech teams: Brown and Rudin, Breiman and Merton, Kurland and Fairall, Boicourt and MacKenzie, Savant and Kenny, and Shore and Waters.

Flemingites Plan Mardi Gras Dance

Fleming men began their social season with the happy note of an exchange with the sharp women of Scripps' Toll Hall last Friday. The 27 beauties, who braved the long, frigid journey in their own conveyances, transformed even the most uninspired males into starved lycanthropes.

The Flemingites are going to still higher achievements, however, with the Mardi Gras Formal Dance to be held in the lounge tomorrow night. Helping to sustain the carnival atmosphere will be George Martin and his band, featuring the smooth sax of Sonny Crump.

Campus Calendar

TUESDAY, JANUARY 13—	
12:00 Upperclass Luncheon	
12:15 Throop Club Meeting	
7:30 Dancing Class, Culbertson	
FRIDAY, JANUARY 14—	
11:00 Assembly, Oxy Show	
2:30 Caltech Invitational Debate Tournament	
6:00 Debate Banquet, Athenaeum	
9:00 Fleming Spring Formal	
7:30 Blacker Theatre Party	
8:30 Debate Opened to Spectators, 119 Kerkhoff, 205 Throop, 206 Dabney, Caltech vs. UCLA, USC, and COP.	
SATURDAY, JANUARY 15—	
8:30 Debate Finals	
6:45 Basketball, Frosh vs. Occidental at PCC.	
8:15 Basketball, Caltech vs. Occidental at PCC.	
SUNDAY, JANUARY 16—	
7:30 Caltech Musicals, Dabney Hall Lounge	
10:30 Skiing, Caltech vs. UCLA and Whittier, Snow Valley	
MONDAY, JANUARY 17—	
4:20 Interhouse Bowling, Pasadena Bowling Courts	
TUESDAY, JANUARY 18—	
12:00 Y Frosh Luncheon	
6:45 Basketball, Caltech vs. Pomona at PCC.	
WEDNESDAY, JANUARY 19—	
7:30 Fencing, Dabney Dining Hall	
7:30 Orchestra, Culbertson	
9:00 Glee Club, Culbertson	

Discussion On Teaching, Research To Be Offered

By Dick King

Barring the possibility of a snowbound Pasadena, the Alumi-Beaver sponsored placement lectures resume their weekly pace after a between term letup. The subject for next Wednesday's seminar, "Teaching and Academic Research," is one in which all students who adhere to the name scientist should be interested. As usual, the committee has acquired a top-notch speaker in Dr. Joseph Manildi of UCLA.

Distinguished

Dr. Manildi has had a distinguished background, as is usually the case with the speakers. He is a Caltech man all the way through to the Ph.D., plus one year at Harvard Graduate School of Business Administration. After spending four years with G. M. Giannini and Company, he became an assistant professor at UCLA.

Same Time, Same Place

The time and place, like Truman, have yet to change. It's still Dabney lounge at 4:30 on Wednesday. Informality will be the keynote as usual, and the discussion should break up in time for car owners to drain their radiators before dinner.

Included in the program for the rest of the term will be such subjects as Production and Manufacturing and Design Engineering. Also, to include all phases of placement activities, topics such as Non-Technical requirements for success, Looking for a Job, and the ever important undergrad subject of Summer Jobs will be undertaken.

Throop Club Holds Bowling And Dance

Last Saturday night forty eager Throop men and dates converged on Pasadena Bowling Courts for two hours of bowling, then traveled to Throop Club for dancing, hot cider and cookies.

All present had a pleasant evening, and hopes are high for more such fine times in the future.

Next scheduled social event for the Throopers is a snow party, overnight variety, on January 22-23. The Caltech Ski Hut is the locale, and adequate chaperonage is promised by our own Dr. John Schutz. Start pleading with your girl (and her mother) and sign up quickly. Stags will be welcomed, pitied, and comforted.

Dabney Loses To Browning House In Milk Crew Race

Last Friday evening at Scripps was held the annual Dabney-Browning Milk Crew Race. For this event, which would determine the holder of the perpetual trophy for the coming year, some thirty men of Dabney journeyed to Browning Hall. The trophy, forgotten by Don Royce in a moment of soberness, will be presented to Browning in the future.

In addition other games were engaged in. Dancing and refreshments served to balance out the evening's entertainment. Most Dabney men present agreed that this was the best exchange with Scripps in many years.

Flair to Show

The Blacker flair for originality will show itself at the term's Party Dance. A novel theme will be elaborated in decorations and entertainment to guarantee an enjoyable evening for all.

Also Scheduled

Also scheduled are an Exchange Dance and a Theater Party at the Pasadena Playhouse.

Occidental Students Present Tomorrow Morning Assembly

Lecture Attracts Techman Throng

Last Monday evening, some two hundred Tech men and three women gathered in 201 Bridge to hear Dr. Paul Popenoe deliver the first of this year's "Y" sex lectures entitled, "The Biology of Sex." Dr. Popenoe, director of the American Institute of Family Relations, began his talk with a description of the human reproductive organs. This talk served as a starting point for the subsequent discussions. This description was followed by an explanation of the manner in which the sexual organs perform their functions.

Variety of Points

During the course of the evening, the speaker made a wide variety of points designed to break down common beliefs which are without scientific proof. He emphasized, for example, that the human male does not reach a sexual climacteric as does the female, and that nocturnal emissions, though not essential, are normal. The so-called "safe" period in the menstruation cycle was discussed at considerable length, and Dr. Popenoe touched on the causes of sterility, the results of abnormal fertilization, and many other pertinent points.

The lecture closed with a question and answer period. All the questions got quick answers from Dr. Popenoe, and a lot of confused ideas were cleared up before the discussion ended promptly at 9:00.

Dr. Popenoe will be back next Monday to deliver his second lecture, "The Psychology of Sex."

Peter Kyropoulos To Speak Monday

Professor Kyropoulos will address the student body at 11:00 a. m. Monday in 201 Bridge on recent developments in the field of internal combustion engines. In view of the general interest of this subject and the wide background of experience of the speaker, this should prove to be one of the most interesting of the CES lectures.

Dramatic Techmen Asked To Tryouts

Next Tuesday evening in 208 Dabney, try-outs for the ASCIT Melodrama will be held. The play is to be given in Culbertson Hall on the 3rd and 4th of March. An original drama, written through the collaboration of a number of Techmen, it deals with the inevitable problem of women at Tech, coupled with the invasion of a Sorb general and his strange family.

A large number of parts are open, and any member of the Caltech community is eligible.

Rehearsals will be held on Sunday evenings in Culbertson Hall, with a few section rehearsals during the week.

For those interested, but unable to attend the try-outs, contact Carl Price in Fleming 12.

ASCIT Nomination Assembly Set

Friday, February 11, is the day of the nomination assembly. Nominations for the following offices should be presented at this time: President, Vice-President, Secretary, Treasurer, Athletic Manager, Publicity Manager, First Representative-at-large, Rally Commissioner, Yell Leader, Editor of the "California Tech," Business Manager of the "California Tech," Editor of the "Big T," and Business Manager of the "Big T."

The elections are only a short time off so start thinking of your nominations now. For information regarding a particular office contact the present holder of that office or check the "Little T."

Tech Sends Entertainment Crew To Titillate Eagle Rock Campus

CIT Thespians to Present Short Play, "A Night at Tech" Stan Boicourt and Bathtub Walquist, Dabney Band Featured

For something novel in the entertainment field, ASCIT is presenting an exchange assembly with Occidental this Friday at 11:00 in Culbertson. This assembly will feature some of the popular talent seen at the esteemed Eagle Rock campus, and provide some new faces around the familiar domain of CIT.

Motley Crew

In reciprocation we will send a motley crew of Caltech thespians to Oxy on Thursday for their weekly assembly. We are featuring a skit on "A Night at Tech" with such typical characters as Stan Boicourt and Bathtub Walquist with the Dabney Beer Garden Band. Obviously the Bengals are in for a real treat.

Soloists

In the Oxy troupe are soloists from their famous glee club to give us some very fine numbers. These Oxy singers often operate on a professional basis, and are considered tops for entertainment.

Judy Retires

It is the retirement of Professor Clinton K. Judy next July 1 that will create the vacancy to be filled by Dr. Smith. Professor Judy has served on the Institute faculty since 1909, longer than any other person, and has headed the Humanities Division since 1923. Upon his retirement he will become Professor Emeritus of English.

Once at Huntington

Dr. Smith is no stranger to Pasadena, having spent a year at the Huntington Library recently doing research under a Guggenheim fellowship on the history of non-dramatic Elizabethan poetry. He has an outstanding reputation as an authority on Elizabethan literature.

Bridge Players

There will be another practice tournament next Tuesday evening at 7:30 in Ricketts. The tournament will be held every two weeks thereafter.

Plans Revealed For Filling Positions In Naval Laboratories

Plans for the annual recruitment for positions in Naval laboratories were announced by Dr. D. S. Clark, Director of Placement, today. These plans are designed to give students as much information as possible concerning the scientific work being carried on by the Naval laboratories. To this end, a general assembly is scheduled for 4:30 p.m. on January 20, in 206 Dabney.

Speakers will be present from the Naval laboratory to discuss both the professional and personal aspects of Government employment. Graduate students and seniors are especially invited to attend although all students are welcome.

Work Shown

This year, for the first time, a limited number of interested students will have an opportunity to actually see some of the work that is being carried on. Arrangements are being made for a field trip and demonstration at the U. S. Navy Electronics Laboratory in San Diego, and the Morris Dam Range of the U. S. Naval Ordnance Test Station. Demonstrations will be held at the U. S. Navy Electronics Laboratory on January 22, 1949, and at the Morris Dam Range which is located in the San Gabriel Canyon north of Azusa, on Saturday, January 29, 1949. Some openings in Los Angeles, and many openings in Northern California.

CALIFORNIA STATE DIVISION OF WATER RESOURCES—Mr. Geo. B. Gleason, Interviewer. Seniors or (Juniors with one year experience) for P-1 rating examination for research work in ground water and water supply studies. No construction or design, more the investigative type of work. Prefer men with hydraulic and hydrographic training. Title of position—Junior Civil Engineer. Last day for filing—January 29, 1949. Some openings in Los Angeles, and many openings in Northern California.

CALIFORNIA STATE PERSONNEL BOARD, Sacramento, Calif. Mr. C. Stewart Warner, Recruitment Representative. Junior professional positions with State of California, open in Sacramento and Los Angeles. P-1 rating men—Junior Civil, Electrical, Mechanical, Structural engineers, Chemists, and Aquatic Biologists.

NORTH AMERICAN AVIATION CORP., AEROPHYSICS LABORATORY, Downey, Calif. Dr. H. Pearlman, Research Chemist, Interviewer. Specialized pure research. Men to be interviewed will be notified. Jan. 18.

INSTITUTE OF PAPER CHEMISTRY, Appleton, Wisconsin. J. E. Todd, Assistant Dean, Interviewer. Chemistry and Chemical Engineering seniors interested in graduate program which prepares men for technical and administrative positions in the paper industry. Read special announcement on department bulletin boards. Interview takes place in 309 Dabney Hall. Jan. 20—

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THURSDAY, JANUARY 13

*Tannhauser—"Overture" and Venusburg Music"—Wagner

Leopold Stokowski and The Philadelphia Orchestra

*Sonata in B Minor—Liszt

Gyorgy Sandor, Pianist

Praeludium and Berceuse—Jarnfeldt

Hans Kindler and National Symphony Orchestra

FRIDAY, JANUARY 14

Foster Gallery—Gould, Arthur Fiedler and Boston "Pops" Orchestra

Coppelia Ballet Music—"Complete"—Delibes

Constant Lambert and Royal Opera House Orchestra of Covent Garden

Baba Yaga—Lajos, Fabian Sevitzky and Indianapolis Symphony Orchestra

SATURDAY, JANUARY 15

*La Traviata—"Preludes to Act 1 and 3"—Verdi, Arturo Toscanini and NBC Symphony Orchestra

*Ernani—"Abridged"—Verdi

Entrance of the Little Fauns—Pierre Walter Handl and Carnegie "Pops" Orchestra

SUNDAY, JANUARY 16

*CONCERT FAVORITES "2:00-3:00 p.m.

A Night in Tivoli—Lumbye

George Hoeberg conducting The Royal Symphony Orchestra of Copenhagen

Iberia Suite—Albeniz

E. F. Arbus and The Madrid Symphony Orchestra

Suite Pastorale—Atterberg, Kurt Atterberg and The Concert Orchestra

*Polovtsian Dances from "Prince Igor"—Bordoni, Gregor Fitelberg and The London Philharmonic Orchestra

"STAGE MELODIES," 3:00-4:00 p.m.

"MUSICAL MASTERPIECES," 4:00-5:00 p.m.

*La Gioconda "Dance of the Hours"—Ponchielli

Anatole Fistoulari and National Symphony Orchestra

*Classical Symphony in D Major—Prokofiev

Sergiu Celibidache and Berlin Philharmonic Orchestra

Metamorphosen—Richard Strauss

Herbert von Karajan and Vienna Philharmonic Orchestra

MONDAY, JANUARY 17

Pleasure Dome of Kublai Kahn—Griffes

Eugene Ormandy and Minneapolis Symphony Orchestra

Symphony No. 2 "Romantic"—Hanson

Howard Hanson and Eastman-Rochester Symphony Orchestra

*El Salon Mexico—Copland, Serge Koussevitzky and Boston Symphony Orchestra

Cakewalk "Scherzo"—McDonald, Eugene Ormandy and The Philadelphia Orchestra

TUESDAY, JANUARY 18

Mignon "Vertue"—Thomas, Anatole

Fistoulari and National Symphony Orchestra

Concerto No. 3 in E Minor for Piano and Orchestra—Medtner

Nicolas Medtner, Pianist, Issai Dobrowen and The Philharmonic Orchestra

*By Request

The Evening Concert

KFAC 8-10 p.m.

Presented by the Southern California and Southern Counties Gas Companies

THURSDAY, JANUARY 13, 1949

THE DREAM OF GERONTIUS, by Elgar, Soloists, Huddersfield Choral Society and Liverpool Philharmonic Orchestra conducted by Sir Malcolm Sargent (92). THE WEDDING CANTATA, by Bach, Elisabeth Schumann, Soprano, Instrumental Ensemble conducted by Yella Pessl (21).

FRIDAY, JANUARY 14, 1949

A Night at the Ballet SYLVIA—BALLET SUITE, by Delibes, B.B.C. Symphony Orchestra conducted by Stanford Robinson (18).

SEBASTIAN—BALLET, by Menotti, Robin Hood Dell Orchestra of Philadelphia conducted by Dimitri Mitropoulos (16). THE SEASONS—BALLET, by Glazounov, Dallas Symphony Orchestra conducted by Antal Dorati (29).

LES SYLPHIDES, by Chopin, Boston "Pops" Orchestra conducted by Arthur Fiedler (23). THE FIREBIRD SUITE, by Igor Stravinsky, Philharmonic-Symphony Orchestra New York conducted by Stravinsky (24).

SATURDAY, JANUARY 15, 1949

Die GOTTERDAMERUNG (THE DUSK OF THE GODS), by Wagner, Famous Soloists and London Symphony Orchestra conducted by Albert Coates, Berlin Opera Orchestra conducted by Lee Blech.

MONDAY, JANUARY 17, 1949

RUY BLAS—OVERTURE, by Mendelssohn, National Symphony Orchestra conducted by Dr. Heinz Tünger (7). SYMPHONY No. 1 IN C MAJOR, by Bizet, Philharmonic-Symphony Orchestra of New York conducted by Artur Rodzinski (25).

ARTUR RUBINSTEIN, Pianist, EVENING IN GRANADA—GARDENS IN THE RAIN—REFLECTIONS IN THE WATER—HOMAGE TO RAMEAU—GOLDFISH—WALTZ, by Debussy (25). RHAPSODY FOR PIANO AND ORCHESTRA ON A THEME BY PAGANINI, by Rachmaninov, The Philharmonic Orchestra conducted by Walter Susskind (22).

PSYCHE AND LE CHASSEUR MAUDIT—SYMPHONIC POEMS, by Franck, Chicago Symphony Orchestra conducted by Desiré Defauw (32).

TUESDAY, JANUARY 18, 1949

I TRACI AMANTI—OVERTURE, by Cimarosa, Leipzig Gewandhaus Chamber Orchestra conducted by Paul Schmitz (4). SYMPHONY No. 94 IN G MAJOR (Surprise), by Haydn, Boston Symphony Orchestra conducted by Serge Koussevitzky (24).

MISCHA ELMAN, Violinist, CONCERTO IN E MINOR FOR VIOLIN AND ORCHESTRA, by Mendelssohn, Chicago Symphony Orchestra conducted by Desiré Defauw (28).

SERENADE IN C MAJOR FOR STRING ORCHESTRA, by Tchaikovsky, Philadelphia Orchestra conducted by Eugene Ormandy (23).

GAITE PARISIENNE, by Offenbach, Boston "Pops" Orchestra conducted by Arthur Fiedler (33).

WEDNESDAY, JANUARY 19, 1949

IPHIGENIE EN AULIDE—OVERTURE, by Gluck, Columbia Broadcasting Symphony conducted by Howard Barlow (10).

SYMPHONY NO. 6 IN F MAJOR (PASTORAL), by Beethoven, Minneapolis Symphony Orchestra conducted by Dimitri Mitropoulos (38).

LILY PONS, Soprano (28). Selections, THE CHINESE FLUTE, by Toch, Pacific Symphonetta conducted by Manuel Cominsky (23).

DAPHNIS AND CHLOE—SUITE No. 2, by Ravel, Philadelphia Orchestra conducted by Eugene Ormandy (16).

*Roumanian Rhapsody No. 1 in A Major—Enesco, Leopold Stokowski and Symphony Orchestra

WEDNESDAY, JANUARY 19

Phedree "Overture"—Massenet, Jean Fournet and Paris Conservatory Orchestra

*Symphonie Espagnole—Lalo, Yehudi Menuhin, Violinist, Jean Fournet and Orchestra Colonne, Paris.

Russia "Symphonic Poem"—Balakireff, Sir Hamilton Harty and London Philharmonic Orchestra

*By Request

CAMPUS BREWINS

From a far western outpost of science, we hear of mounting crises in administration and research. It all started with the recent depressed temperatures. An official, first identified only as Protector of the IP (a subversive political clique?), had great fear that the highly decorative flowers in the campus quad might suffer from the frost, snow, hail, and ice. This official, now known to be a Mr. Schmentenstein, hastened to the Department of Biology to learn what could be done to save the valuable flora. The plant physiologists went into a great huddle, and informed the relieved Protector that no known physical nor chemical agents could affect the treasured plants. On the heels of this, however, word came from certain renegade geneticists that work was being rushed on the development of a Drosophila mutant that exists solely on the quad flowers. We sincerely hope that the internecine struggle can be settled amicably; so that this highly productive institution can once more get about the business of education.

Other sufferers from the cold last week included Bills Palmer and Karzas. Marooned on their way back from the snow Sunday

afternoon, their plight was seriously aggravated by their having to care for two helpless fems.

If the Blacker men were not gentlemen, we are sure at least that Fleming RA Norm Bulman upheld Tech's reputation. During Eschner's ill-advised Toll Hall exchange (roughly 67.5% of the estimated beauties showed up), Norm had the unique opportunity of enjoying the evening. He was to be found for the most part talking to Mrs. Foultz, the Toll House Mother. A truly grand woman, Mrs. Foultz is a Stanford alumna, maintains touch with the modern world even from behind the medieval walls, and is famed for quiet omniscience over the affairs of Toll.

Claremont Artistry. Claremont communites were agreeably surprised last Saturday night to see the large sign on Harvard and Foothill altered to a more accurate indication of the locale. In large black letters, our unknown Hero of the Week had expertly drawn the word SCHMIPPS.

Miscellaneous Dirt. Thursday night was Blacker Pope Dave Baron's annual award's festival. About the only repeatable item (we trust all have noted the high

(Continued on Page 4)

Shavings...

From The Board

Here it's hardly the beginning of second term, and already old man Barnes is getting nervous in the service. Could be that he'll be glad to give the worries and cares of the job to another slave come third term, or maybe he's looking forward to the annual stag the Board throws at election time. Anyway, for those interested, the dates for ASCIT elections were announced by Stan at the last meeting.

Elections

Nominations assembly comes two weeks after mid-terms on Friday, February 11, with the election on the following Thursday, February 17. Runoffs follow on Tuesday.

Oxy Flag

It seems that Oxy's victory flag was stolen sometime back; then some heel stole it from us. The point is that this comes under the inter-college agreement made last year with all the schools in the conference that the participating student bodies would pay for any damage resulting from inter-college raids.

Now Oxy has purchased a new victory flag to the tune of 75 bucks. Of course in the true

(Continued on Page 4)

Y Doings

By Vern Edwards

I happened to be down in the Y office the other day when Jack Ottestad came in with a whale of an idea. I listened attentively as he unfolded his plan and told him I'd bring it up in the next Cabinet meeting. This wise group discussed the merits of the proposal and to a man came up with a "go ahead on 'er."

Smoker Planned

Details are yet to be worked out, but general plans call for a smoker on Monday evening, February 7, featuring an hour and a half of boxing and wrestling

(Continued on Page 4)

CROWN

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Doors Open 12 M., Cont. Daily

HOWARD HAWKS' GREAT PRODUCTION

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Howard Hawks' "RED RIVER"
John Wayne, Montgomery Clift
Walter Brennan - Joanne Dru
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PLUS**SMART GIRLS DON'T TALK**

VIRGINIA BRUCE ROBERT
M

Talkin' It Over
With The Goon

Good news this week and so the beek will remain quite soft and flexible. No one can say that the basketball squad didn't pull one of the largest reversals in years by dumping the Bulldogs last Saturday night. The only reason for this showing was the fight that every man had on the floor; no one let down.

Dennis Comments

Which reminds me of the statement that Roy Dennis made after the Raisin Bowl game with Colorado A and M (which I laughed at at the time but am now whistling a different tune); Roy said "I don't look at a man's legs any more; I look to see if he's got a fighting heart." That will probably be Coach Shy's theme song pretty soon.

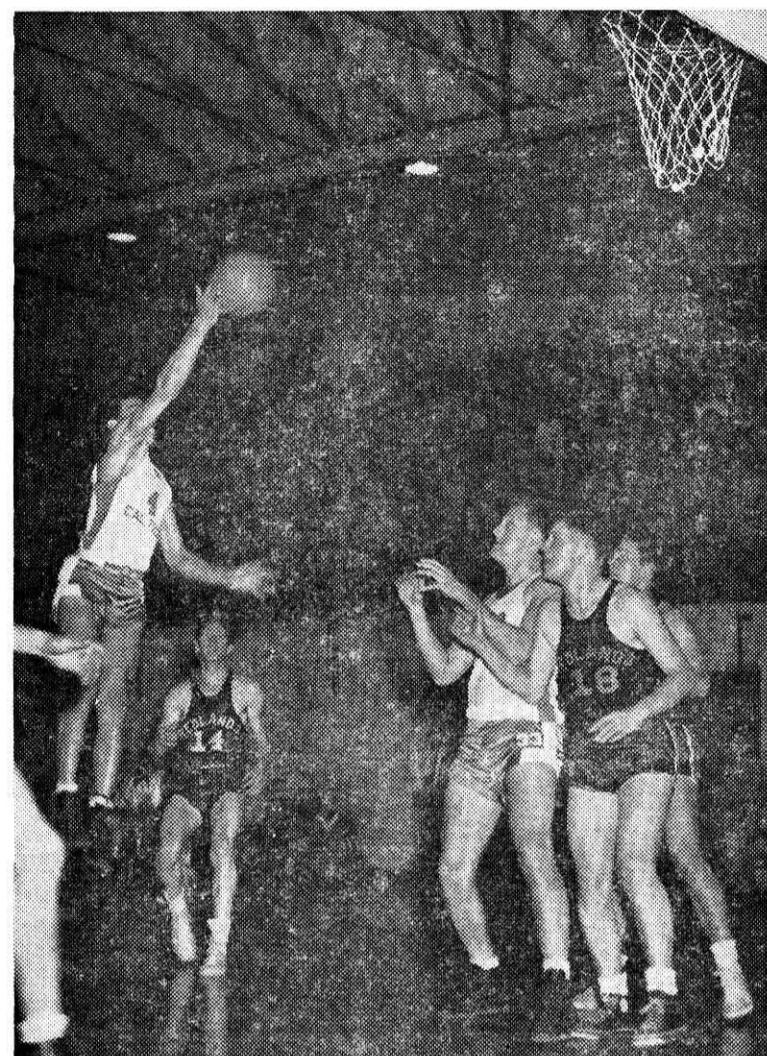
Although the varsity copped a win, the Frosh had a rough go of it the afternoon before the doubleheader. Don't get the wrong idea from the score. Our boys aren't that bad. The Bull-pups have as fine a working quintet as I have seen for a frosh club. Most of these boys are former All-City or All-CIF talent that have been lured in the land of the smudge pots by the boys in Maroon and White. Easy Ed Priesler's coaching should develop some of our raw material into good working ball players for the next season.

Glendale High is great from the players angle, but hard on the spectators. The refs like it the best of all the gyms they work because the wire screen keeps the spectators off of their backs. The new PCC gym is nearing completion and should be ready for the big game Saturday night. Last reports were that PCC was going to play there tomorrow night whether the varnish was dry or not. The seating there will be much better and more ample than ever ex-

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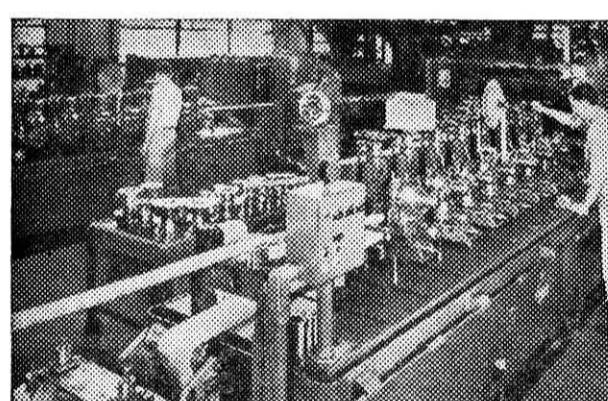
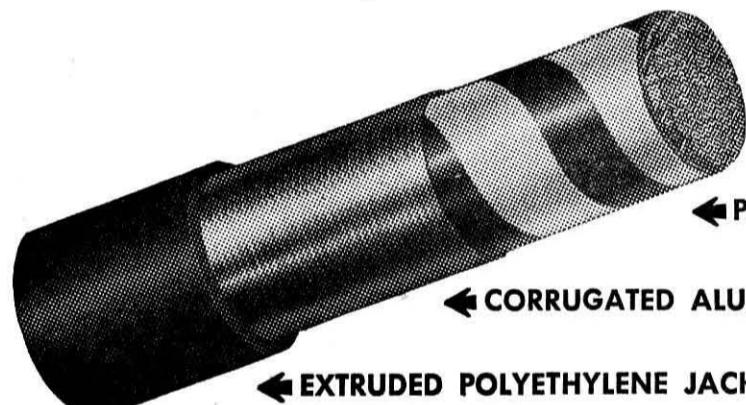
Beaver Sports

SERENO SCORES



Speedy Al Sereno drives into the Engineer basket during an exciting moment of the Redlands game last Saturday.

Newsworthy Notes for Engineers



PROBLEM:

How to put a new type of covering on telephone cable

Make a new type of cable sheath no one has ever made before—make it to rigid specifications—make it fast! That was the challenge put up to Western Electric's manufacturing engineers.

The new type of cable sheath—developed through cooperative research at Bell Telephone Laboratories and Western Electric Company—is a valuable alternative to the traditional lead covering for telephone cable. It is called Alpeth. "Al" stands for an inner shield of aluminum; "peth" for the outer coating of the plastic, polyethylene.

To produce this new cable sheath, Western Electric engineers developed the Alpeth production line—a combination of new machines and new manufacturing techniques—which turns out finished cable in a fast-moving, straight-line operation.

From the desert-dry 1250 F "hot room" where thoroughly dried cable cores are stored, the core moves into this machine. An aluminum strip is fed from a supply reel underneath. After being corrugated to provide flexibility and strength, the aluminum strip is wrapped around the core and flooded with a sticky protective compound.

The aluminum-clad cable then passes into this machine and comes out seconds later with an extruded coating of flexible, impervious, gleaming black polyethylene. Finally, after a 100-foot bath in a cooling trough, the finished cable is wound on reels and readied for shipment to Bell Telephone companies.

Engineering problems are many and varied at Western Electric, where manufacturing telephone and radio apparatus for the Bell System is the primary job. Engineers of many kinds—electrical, mechanical, industrial, chemical, metallurgical—are constantly working to devise and improve machines and processes for production of highest quality communications equipment.

Western Electric
A UNIT OF THE BELL SYSTEM SINCE 1882

Bucketeers Bounce Bulldogs

Shymen Upset Favored Redlands Five To Move Into First Place Tie

Finally coming into their own after a series of dismal practice games our Beaver varsity knocked Redlands off of the unbeaten roster last Saturday night, 53 to 40. The orange and white looked very good in their first conference game of the season.

Zone Defense

The new, versatile zone defense completely stymied the fast-breaking Redlands offense. Kreutberg and Jim Parker, who have

been sparking the Bulldogs team

to many victories thus far this season, were held to 1 and 0 points, respectively. The fray was very even with the lead changing constantly, up until the middle of the final half, when the Beavers pulled steadily away. In addition to the tight defense our lads showed some fine offensive team play which varied constantly to hit the Redlands weaknesses.

Saltman Shines

Saltman, playing his best game to date, led the scoring for the evening with 19 digits. Following the Goon were Bowen with 9 markers and Bill Cox with 8.

Dyson Hammer of last year's Bulldog Frosh lead the Redlands aggregation with 12. Deserving lots of credit for the win is Jay Montgomery. He was hustling all evening, getting many more rebounds per inch of height than any other man on the floor, and showing in general that it is not height but hustle that counts.

Lead Changes

After Tech jumped to an initial 6 to 3 edge, the lead changed hands six times in the first half. The scores were never separated by more than five points, and the half ended with Redlands sporting a three point, 25 to 22 lead. Soon after the second half began, we knotted the count at 26 apiece. It was even with the ball changing hands several times, until, with the score 36 to 35, Redlands' Bill Cox swished through a field goal on a forward guard screen play that clicked all evening, and the Bevers were never again headed.

Scrappy Team

Showing scrap and guts in the close-in scrambles was senior Art Bruington, finally coming into his own after having been kept out last season with a serious back injury. Bru has been showing up well in all the games to date and will be a constant threat all season. The outstanding candidate up from last year's frosh squad for the evening was Al Sereno, whose catlike swiftness in stealing the ball and adroit ball-handling reminded us of Red Furth. Red is certainly missed by the hoopmen this year.

Statistically Whittier remains the team to beat in the SCIC, but if our boys continue the team spirit and play shown last Saturday, they can upset a lot of applecarts this Winter and Spring.

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CAMPUS BREWINS

(Continued from Page 2) tone of the column lately), was Gus Soux's Award of the Head Seat, for conspicuous gallantry at Eagle Rock.

Bocourt slept on the floor at Crestline this week. Stan is apt to overdo himself at winter sports. At any rate, he seemed awfully beat Sunday night.

Bob Houghton, Bob Stewart, and Warren Marshall were all operating with unusual efficacy after the game Saturday night. Didn't we see Walt Davison with a campus lovely in tow? And while we're on the subject, Walt Mudgett has been giving ex-secretary MacFadden a rush lately.

Dabney Daredevils. A wild evening of pop-the-balloon and musical chairs was enjoyed by all at Browning last Friday night. Marnie Weaver led the Scripps Athletic Crew to a one-second victory over the Fighting Don Royce's guzzlers. Later on, Jim La Fleur showed his natural talent on a more suitable liquid, when the party retired to a local beer joint.

That pop-the-balloon routine was more exciting than we expected; the balloons were tied to the young ladies' ankles.

Barmore, gleefully pursuing a frightened doe, succeeded in smashing his head through a glass door, making almost as great a spectacle of himself as Beaver-Coat Eimer.

Greenich Village. The final touch of the weekend was the post-rehearsal cheese sandwich

SHAVINGS

(Continued from Page 2) Oxy spirit, it's a bigger and better flag. Jack Knox, the esteemed Oxy president, says they were going to buy it even before the old one mysteriously disappeared. The question is, who's going to pay for it. That's where we come in, and no one seems to know the answer as yet.

Awards

The recommended number of awards in basketball and football has been changed—upwards. Football from 17 to 20 and basketball from 8 to 10. For the last several years the letters given in these sports have been over the recommended numbers. Since these two receive more student body support than any, it was thought by the Board that they well deserved more recognition.

FROSH SPORTS

(Continued from Page 3) once more instead of snow shoes, the Frosh netmen are rounding out to meet the formation of the team a few weeks from now. We'll see lots of good material out to down the Redlands cat-gut squad when the first league arrives on March 5.

bing in Fleming's Kam-Price suite. The feature attraction was, of course, the Pajamarino queen, Gloria Murphy. A dramatic time was had by all, according to people trying to sleep near-by.

Y DOINGS

(Continued from Page 2) mixed in with various other forms of entertainment and fun.

The committee on arrangements has in mind several prominent members of the faculty who might serve as competent officials, but as yet has not narrowed down the field to any in particular. We also hope we can have on hand representatives from one of the big cigarette companies to pass out their little tokens of good will.

In keeping with the Y tradition this program will be open to the entire student body and faculty without charge.

Off-campus students should particularly note that beginning Monday the Y office will be kept open during the noon hour. One of the Y's men will be around to help you with the book exchange, lost and found articles, or whatever happens to be your particular interest at the time.

TALKIN' IT OVER

(Continued from Page 3) experienced at a home game.

With the advent of the double-header into the conference, basketball, unlike all of the other sports, might pick up a few bucks for the Institute. This will be possible only if the big newspapers in L. A. and Pasadena give us a little publicity. With all of the big sportswriters going wild over the \$1.00 Rose Bowl programs they should give us some support on two good varsity casaba tilts for one hundred pennies. How 'bout it, Braven Dyer, doesn't the Times have room to run a pre-game write-up for your Ol' Alma Mater?

It looked like the midwest here Monday. All we needed was a cinder track. Dean Anderson, bow tie and all, has provided himself with a longer snake whip for the track season to make sure that all the boys

are hustling. Snow or no snow, Monday trying to work a little the tracksters were out there | Acme out of their systems.

J. Paul Sheedy* Switched to Wildroot Cream-Oil Because He Flunked The Finger-Nail Test


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